

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: P1063925

Luminaire Tested: **GLAN-SA5A-722-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063925
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13190.7 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - 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

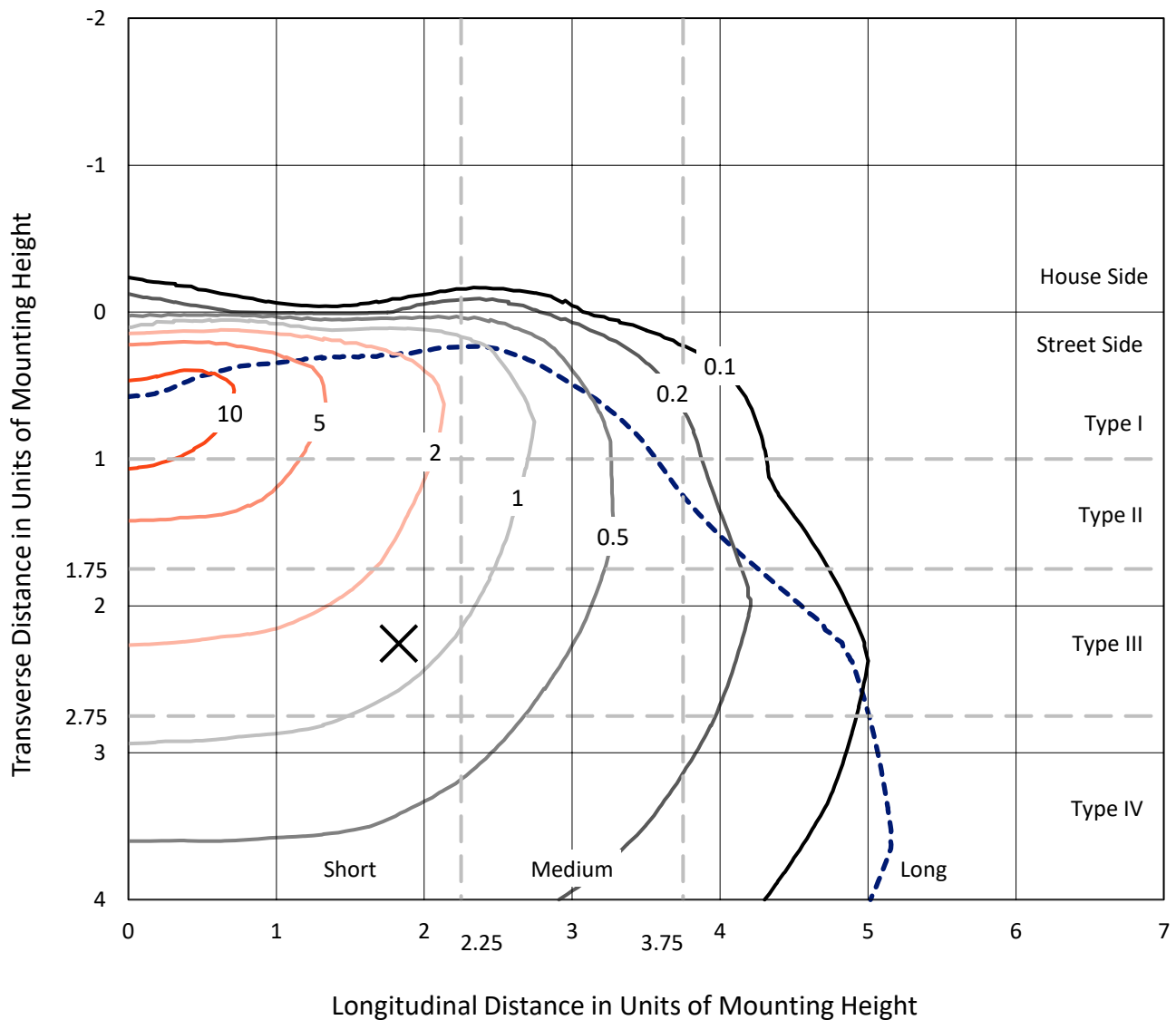


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

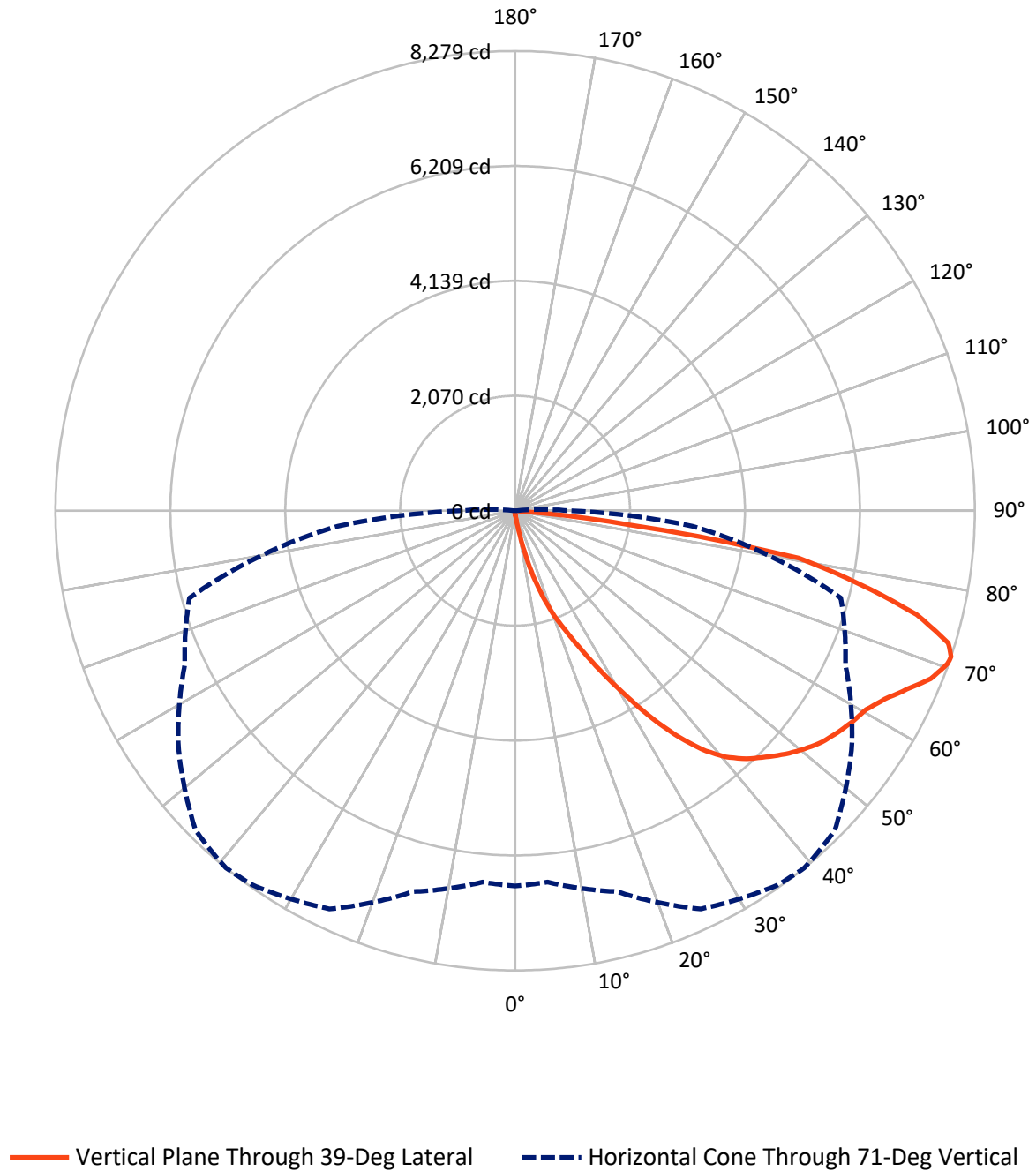


Based on 15 foot mounting height. Maximum calculated value = 13.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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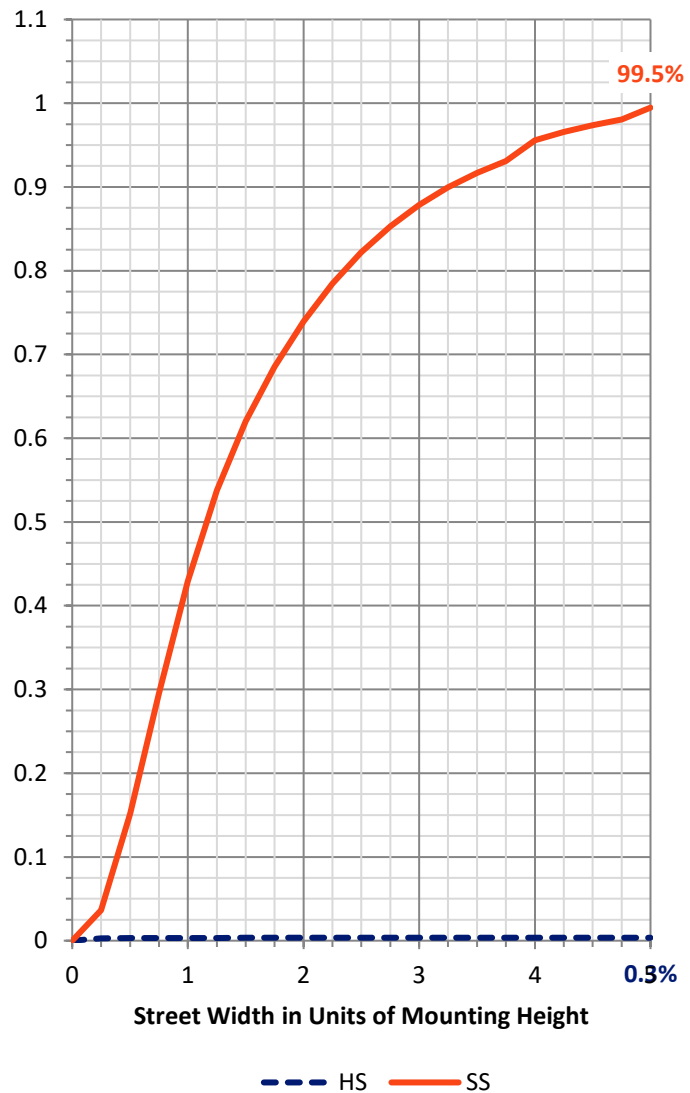
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	46.9	0.0	46.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13143.9	0.0	13143.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	13190.7	0.0	13190.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.0	0.1
10°-20°	141.0	1.1
20°-30°	502.1	3.8
30°-40°	1210.0	9.2
40°-50°	2025.1	15.4
50°-60°	2601.0	19.7
60°-70°	3291.6	25.0
70°-80°	2934.6	22.2
80°-90°	474.4	3.6
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°	13190.7	100.0
0°-180°	13190.7	100.0



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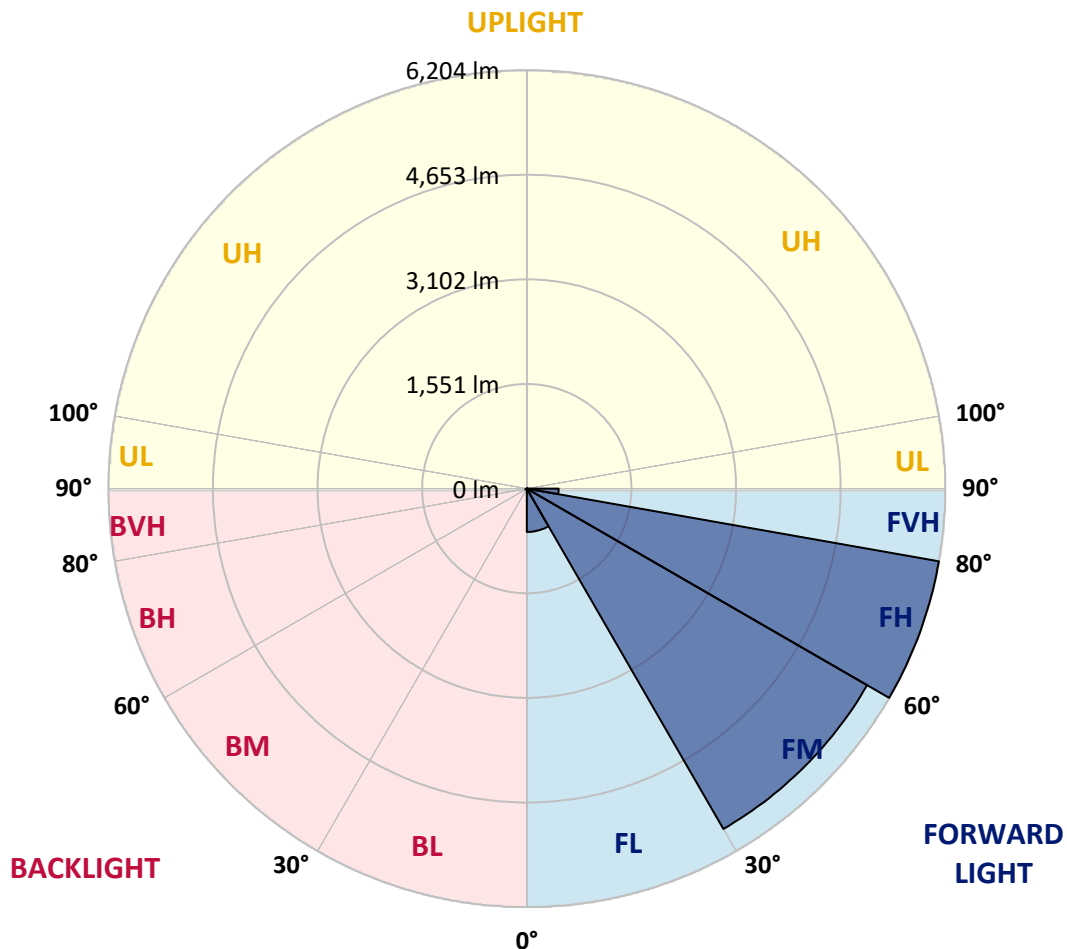
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	642.7	4.9			
FM	(30°-60°)	5825.3	44.2			
FH	(60°-80°)	6203.6	47.0			G3/7500
FVH	(80°-90°)	472.2	3.6			G3/500
BL	(0°-30°)	11.3	0.1	B0/110		
BM	(30°-60°)	10.8	0.1	B0/220		
BH	(60°-80°)	22.5	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-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
2.5°	83.0	83.0	83.0	80.4	80.4	79.5	78.6	78.6	76.8	75.9	74.1
5°	125.9	123.2	117.0	113.4	106.3	101.8	97.3	91.1	84.8	80.4	75.0
7.5°	284.8	291.1	270.6	232.2	192.9	175.9	147.3	118.8	98.2	84.8	75.9
10°	726.0	722.4	652.7	575.9	444.7	392.0	307.2	193.8	126.8	92.9	76.8
12.5°	1234.9	1231.4	1149.2	1044.7	871.5	761.7	600.9	361.6	182.2	105.4	76.8
15°	1662.7	1648.4	1622.5	1518.9	1316.2	1224.2	1011.7	639.3	294.7	126.8	78.6
17.5°	1945.7	1933.2	1909.1	1871.6	1743.0	1634.1	1463.5	1004.6	476.8	164.3	82.2
20°	2205.6	2196.6	2177.0	2169.8	2086.8	2028.8	1887.7	1424.2	742.9	223.2	87.5
22.5°	2562.7	2544.0	2552.0	2509.2	2427.9	2358.3	2271.6	1863.6	1068.0	321.5	97.3
25°	3000.3	2991.4	2969.0	2938.7	2826.2	2765.4	2632.4	2277.9	1431.4	450.0	108.0
27.5°	3528.9	3519.1	3513.7	3444.1	3314.6	3248.5	3062.8	2669.0	1840.4	630.4	122.3
30°	4137.9	4142.4	4107.5	4018.2	3867.3	3774.5	3583.4	3078.9	2259.1	842.0	137.5
32.5°	4768.3	4759.4	4705.8	4600.4	4465.6	4379.0	4136.1	3528.0	2698.5	1121.5	155.4
35°	5447.8	5430.9	5289.8	5169.2	5054.1	4945.1	4723.7	4049.5	3137.8	1435.0	179.5
37.5°	6133.6	6054.1	5771.1	5618.4	5538.9	5449.6	5243.4	4605.8	3574.4	1785.0	208.9
40°	6651.5	6589.9	6254.2	5972.9	5909.5	5833.6	5680.0	5086.2	4038.8	2160.9	244.7
42.5°	6938.2	6904.2	6602.4	6324.7	6175.6	6108.6	5977.4	5505.9	4497.7	2576.1	296.5
45°	7060.5	7007.8	6806.0	6676.5	6439.0	6328.3	6172.0	5822.9	4977.3	3047.6	368.8
47.5°	7023.0	6992.6	6848.0	6895.3	6723.0	6550.6	6321.1	6065.8	5387.1	3588.7	467.9
50°	6787.3	6761.4	6716.7	6973.0	6951.6	6748.0	6514.0	6257.7	5722.0	4146.8	621.5
52.5°	6339.0	6328.3	6442.6	6912.3	7081.0	6922.1	6699.7	6427.4	6034.5	4729.9	841.2
55°	5761.3	5805.0	6131.8	6817.6	7147.1	7050.7	6864.0	6586.3	6285.4	5251.4	1165.3
57.5°	5523.7	5535.3	5943.4	6750.6	7176.6	7164.1	7023.9	6738.1	6515.8	5668.4	1660.0
60°	5801.4	5783.6	5998.8	6801.5	7235.5	7265.9	7165.9	6879.2	6715.8	6026.5	2319.0
62.5°	6303.3	6293.5	6362.2	7018.5	7407.8	7469.5	7363.2	6981.0	6892.6	6262.2	3070.8
65°	6751.5	6731.0	6858.7	7403.4	7710.6	7754.3	7661.4	7155.1	6970.3	6433.6	3777.1
67.5°	6945.3	6940.8	7146.2	7769.5	8028.4	8075.8	7994.5	7395.3	6952.4	6488.1	4088.8
70°	6856.9	6839.9	7168.5	7924.9	8207.9	8261.5	8182.9	7484.6	6758.7	6315.8	3627.1
71°	6759.6	6714.0	7101.6	7914.1	8232.9	8278.5	8141.0	7403.4	6564.0	6071.1	3208.3
72.5°	6457.8	6465.8	6917.6	7802.5	8173.1	8159.7	7903.4	7112.3	6329.2	5515.7	2577.0
75°	5714.8	5762.2	6322.0	7333.7	7639.1	7468.6	7076.6	6556.0	5857.7	3954.8	1789.5
77.5°	4670.1	4740.6	5355.9	6431.9	6345.2	6328.3	6312.2	5776.4	5002.3	2124.3	1244.8
80°	2229.7	2382.4	3230.7	4591.5	4988.0	5180.0	5059.4	4654.9	3868.2	1011.7	743.8
82.5°	145.5	143.8	203.6	385.8	1626.0	2102.0	3339.6	3327.1	2696.7	492.9	303.6
85°	68.8	70.5	77.7	88.4	102.7	112.5	155.4	910.8	1290.3	234.8	66.1
87.5°	40.2	41.1	48.2	61.6	80.4	89.3	106.3	136.6	167.9	129.5	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°	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
2.5°	73.2	72.3	69.6	67.0	64.3	62.5	61.6	62.5	62.5	63.4	63.4
5°	73.2	70.5	66.1	60.7	57.1	53.6	51.8	50.9	51.8	51.8	51.8
7.5°	72.3	67.9	61.6	55.4	50.9	46.4	44.6	43.8	43.8	44.6	44.6
10°	70.5	66.1	58.0	50.9	45.5	40.2	37.5	34.8	34.8	34.8	35.7
12.5°	69.6	63.4	53.6	46.4	39.3	33.0	27.7	25.0	25.9	25.9	25.9
15°	67.9	60.7	50.9	42.0	33.0	25.0	20.5	17.9	18.8	19.6	18.8
17.5°	67.9	59.8	47.3	36.6	25.9	18.8	15.2	13.4	13.4	14.3	14.3
20°	67.9	58.0	44.6	31.3	19.6	14.3	10.7	9.8	9.8	11.6	12.5
22.5°	69.6	58.0	41.1	25.9	16.1	10.7	8.0	7.1	8.0	9.8	10.7
25°	72.3	57.1	37.5	23.2	13.4	8.0	6.3	4.5	5.4	7.1	8.0
27.5°	75.0	56.3	33.9	20.5	10.7	6.3	4.5	3.6	2.7	3.6	3.6
30°	77.7	56.3	30.4	17.0	8.9	4.5	2.7	1.8	0.9	0.0	0.0
32.5°	79.5	54.5	27.7	13.4	7.1	3.6	1.8	0.9	0.0	0.0	0.0
35°	81.3	52.7	24.1	10.7	5.4	2.7	0.9	0.0	0.0	0.0	0.0
37.5°	83.0	50.0	20.5	8.9	4.5	1.8	0.0	0.0	0.0	0.0	0.0
40°	84.8	46.4	17.0	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	86.6	43.8	14.3	6.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	91.1	42.0	11.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	99.1	40.2	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	110.7	38.4	9.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	126.8	37.5	8.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	155.4	36.6	8.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	204.5	35.7	8.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	313.4	33.9	8.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	559.9	33.0	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	976.0	33.9	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1399.2	35.7	6.3	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	1197.4	31.3	6.3	3.6	1.8	0.9	0.0	0.0	0.0	0.0	0.0
71°	976.0	27.7	6.3	3.6	1.8	0.9	0.9	0.0	0.0	0.0	0.0
72.5°	627.7	21.4	5.4	3.6	1.8	1.8	0.9	0.0	0.0	0.0	0.0
75°	265.2	17.9	5.4	3.6	2.7	1.8	1.8	0.9	0.0	0.0	0.0
77.5°	113.4	13.4	5.4	4.5	3.6	2.7	2.7	1.8	0.9	0.0	0.0
80°	42.9	10.7	6.3	5.4	4.5	4.5	3.6	1.8	0.9	0.0	0.0
82.5°	19.6	8.9	6.3	5.4	5.4	4.5	3.6	2.7	1.8	0.0	0.0
85°	12.5	8.0	6.3	5.4	5.4	4.5	4.5	2.7	1.8	0.0	0.0
87.5°	9.8	8.0	6.3	6.3	5.4	5.4	3.6	2.7	0.9	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

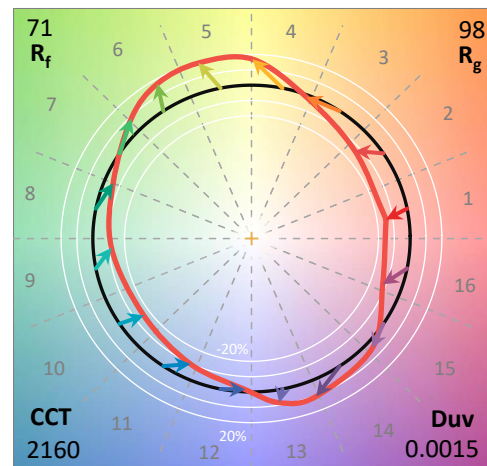
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

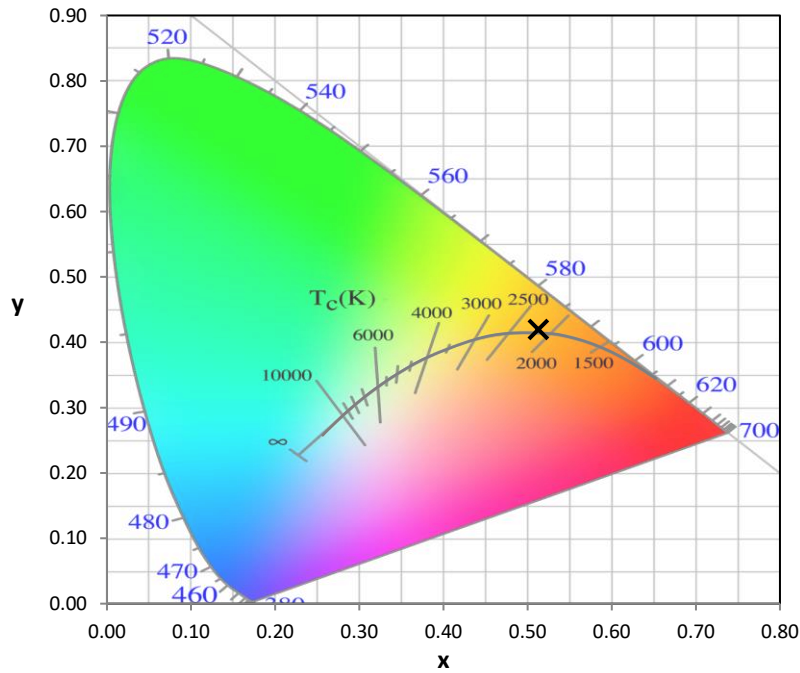
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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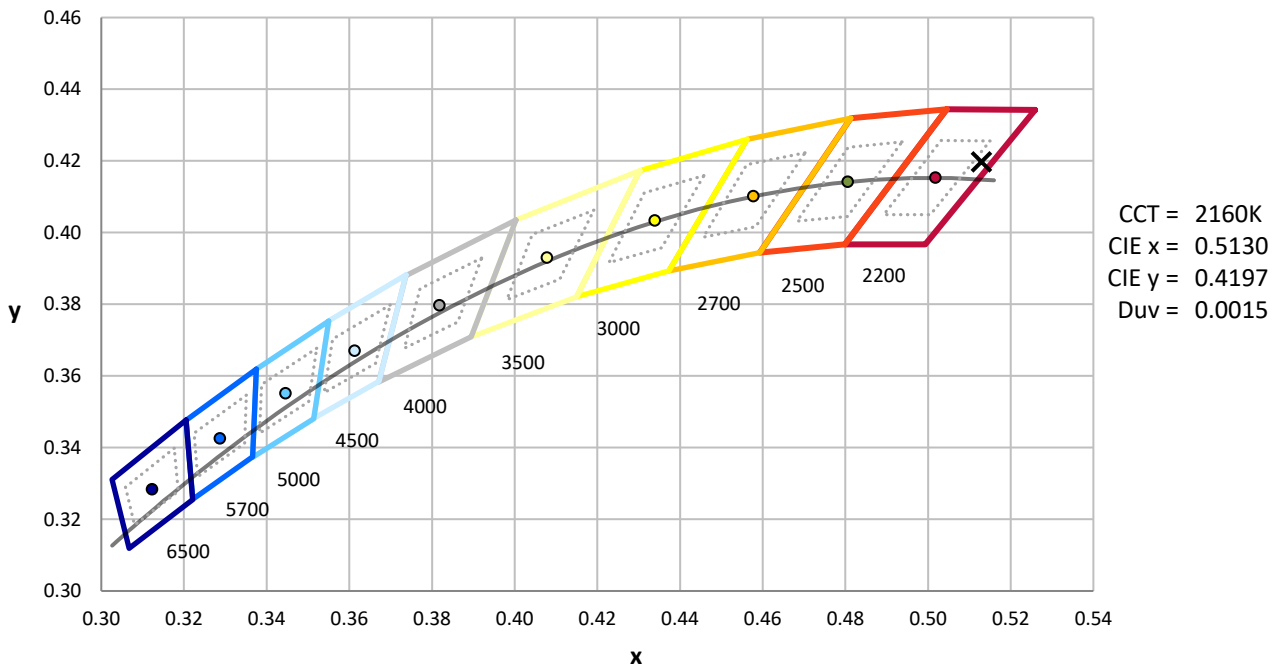
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



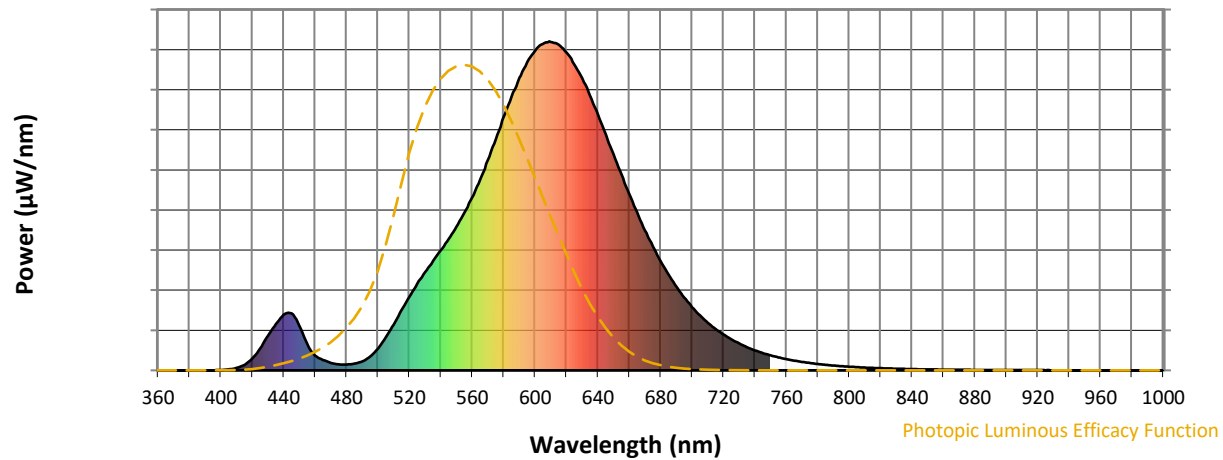
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

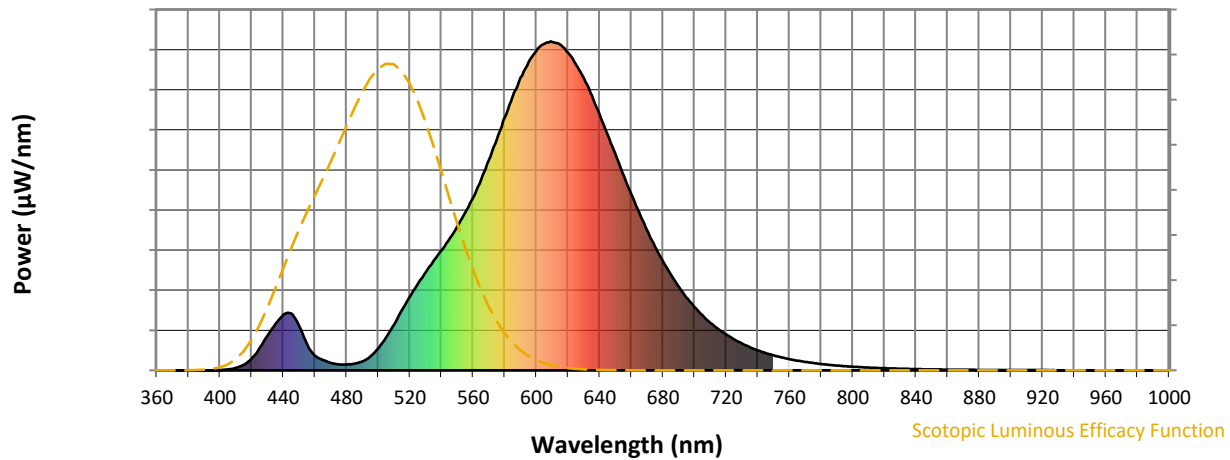


Photopic Lumens: NR

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



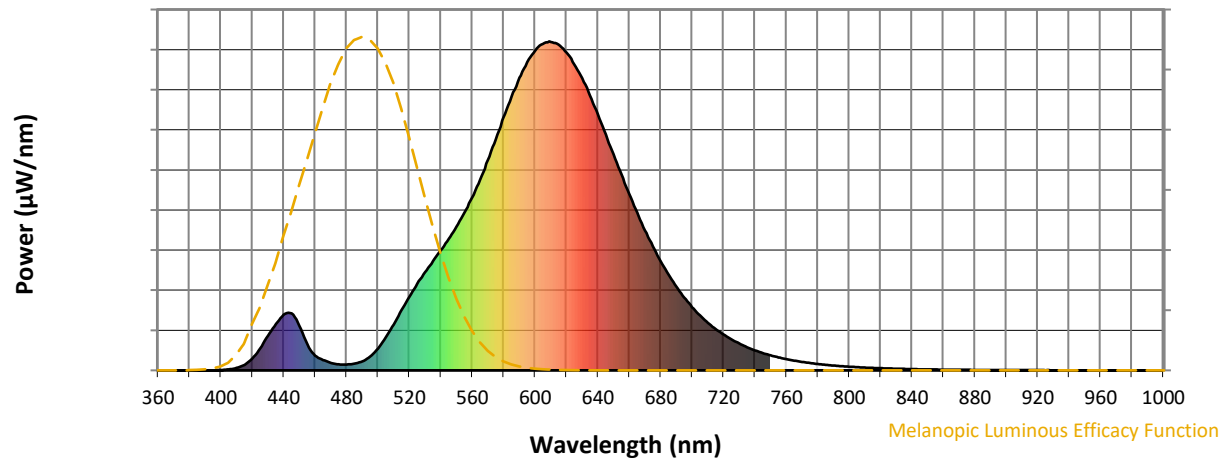
Scotopic Lumens: NR

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

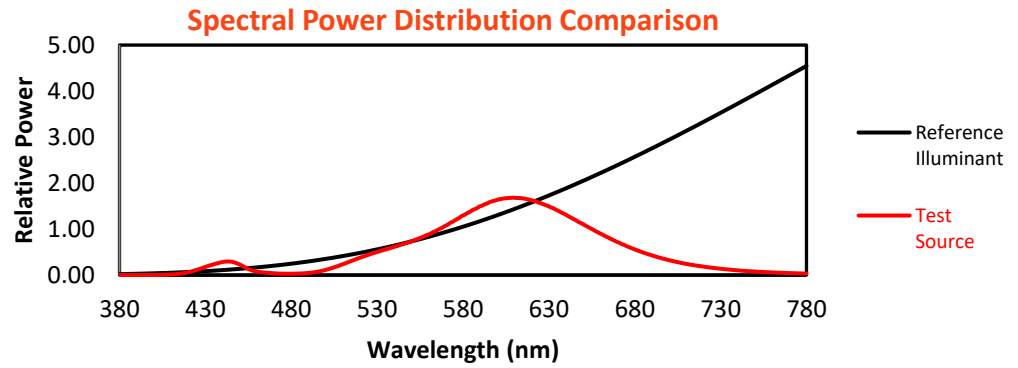
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966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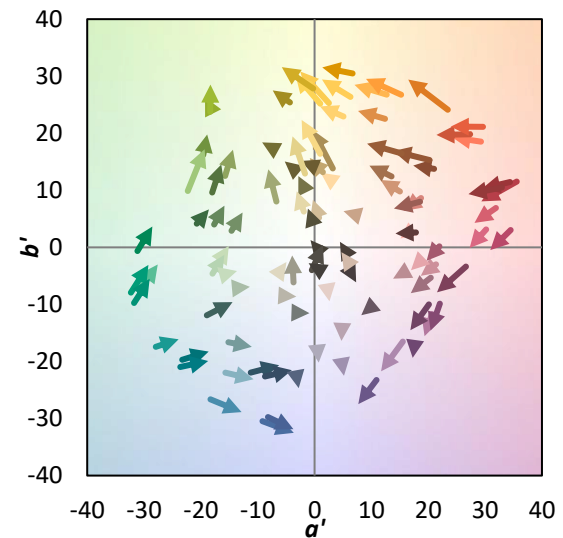
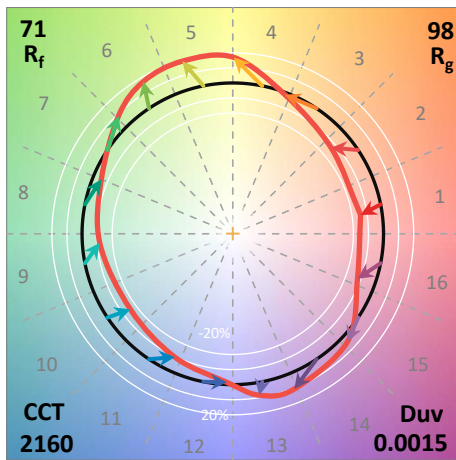
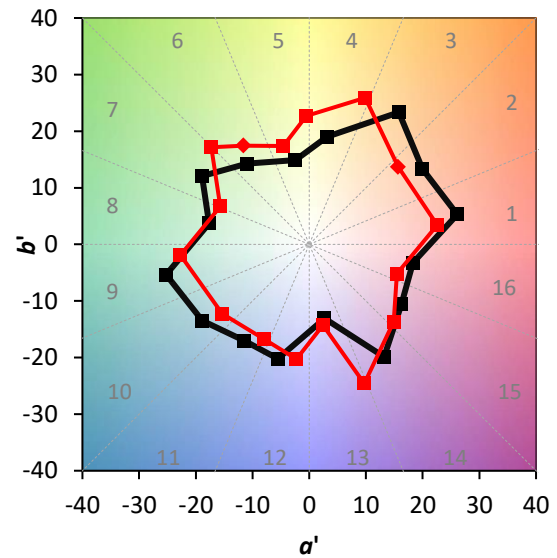
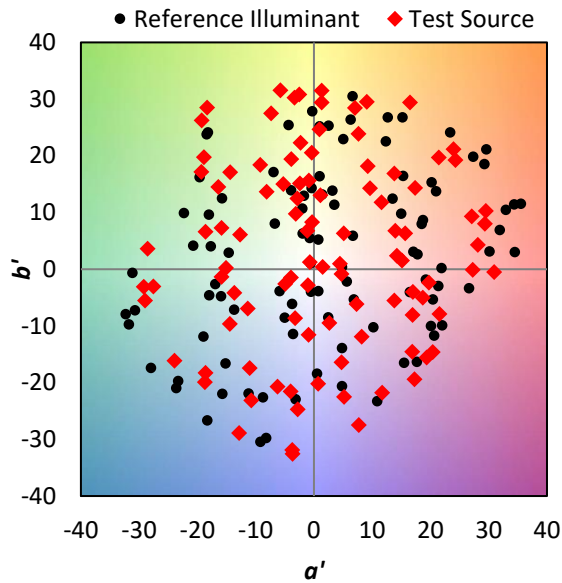
TM-30-18

Summary

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

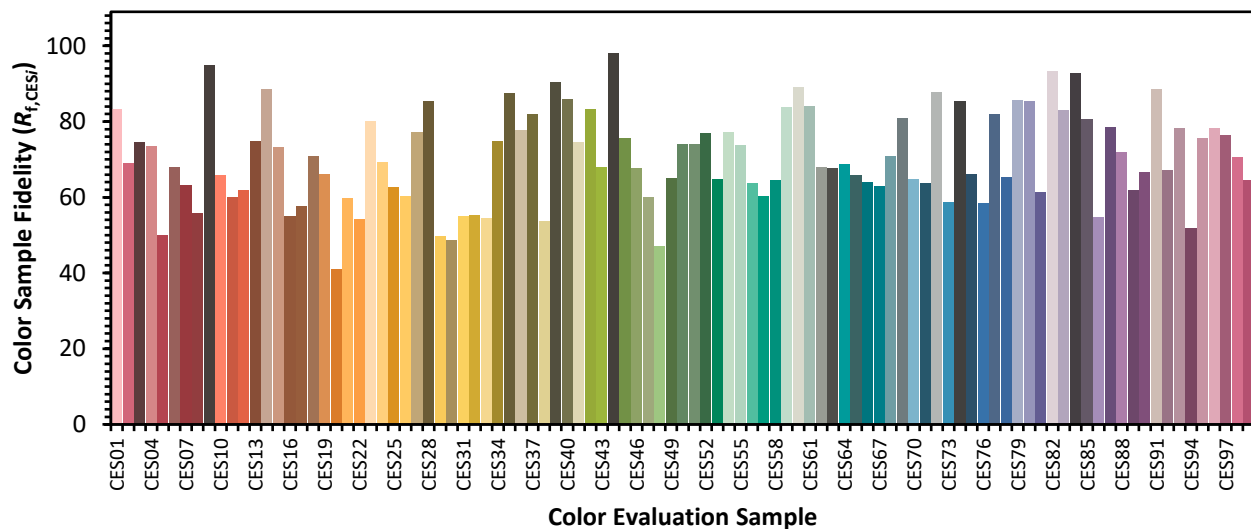


Color Vector Graphics

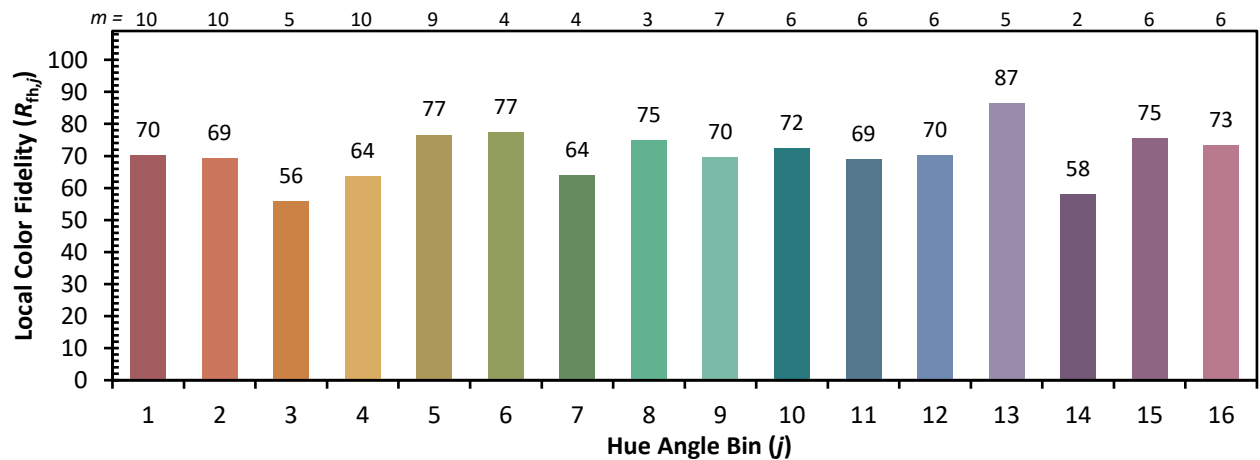
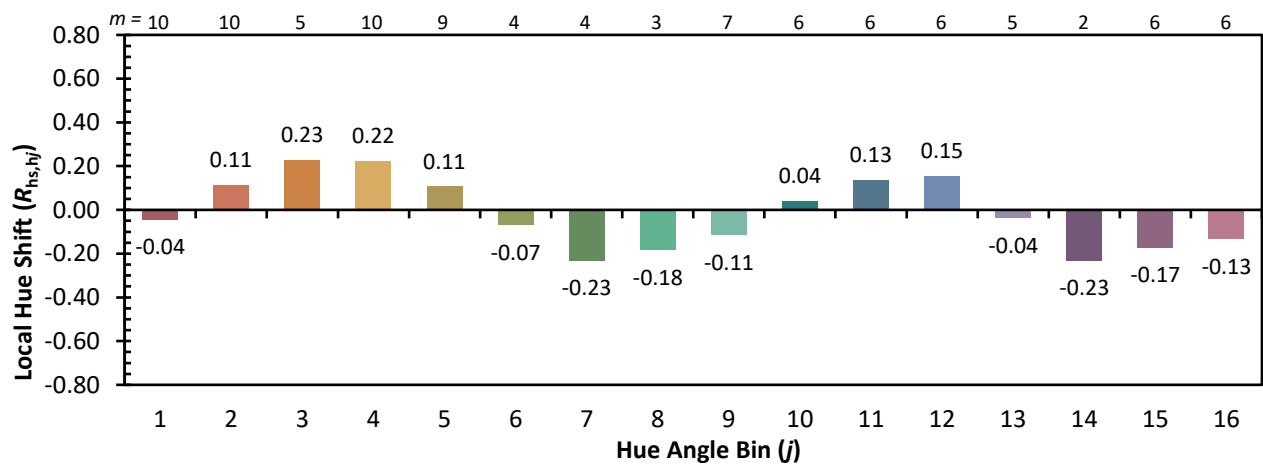
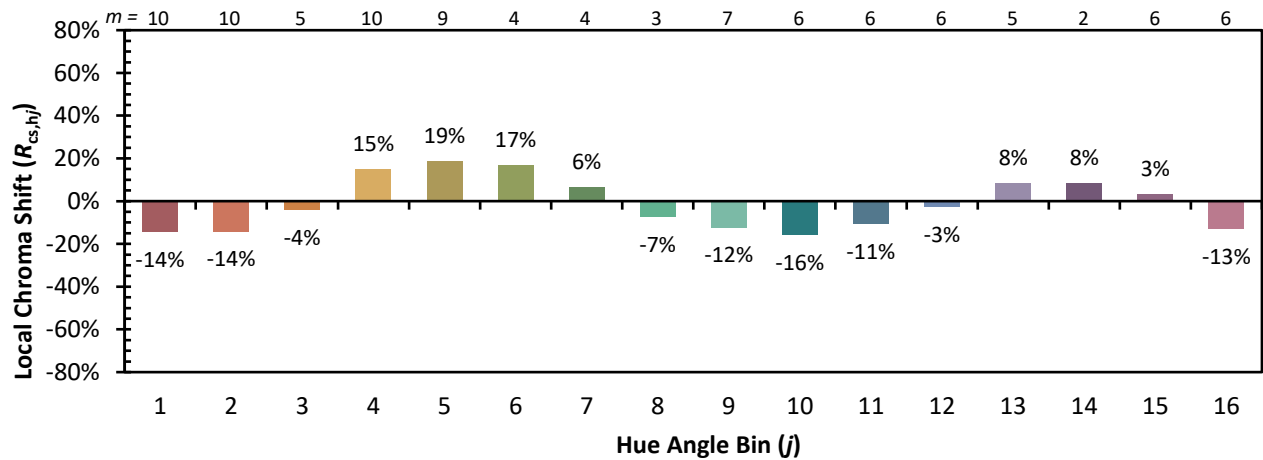


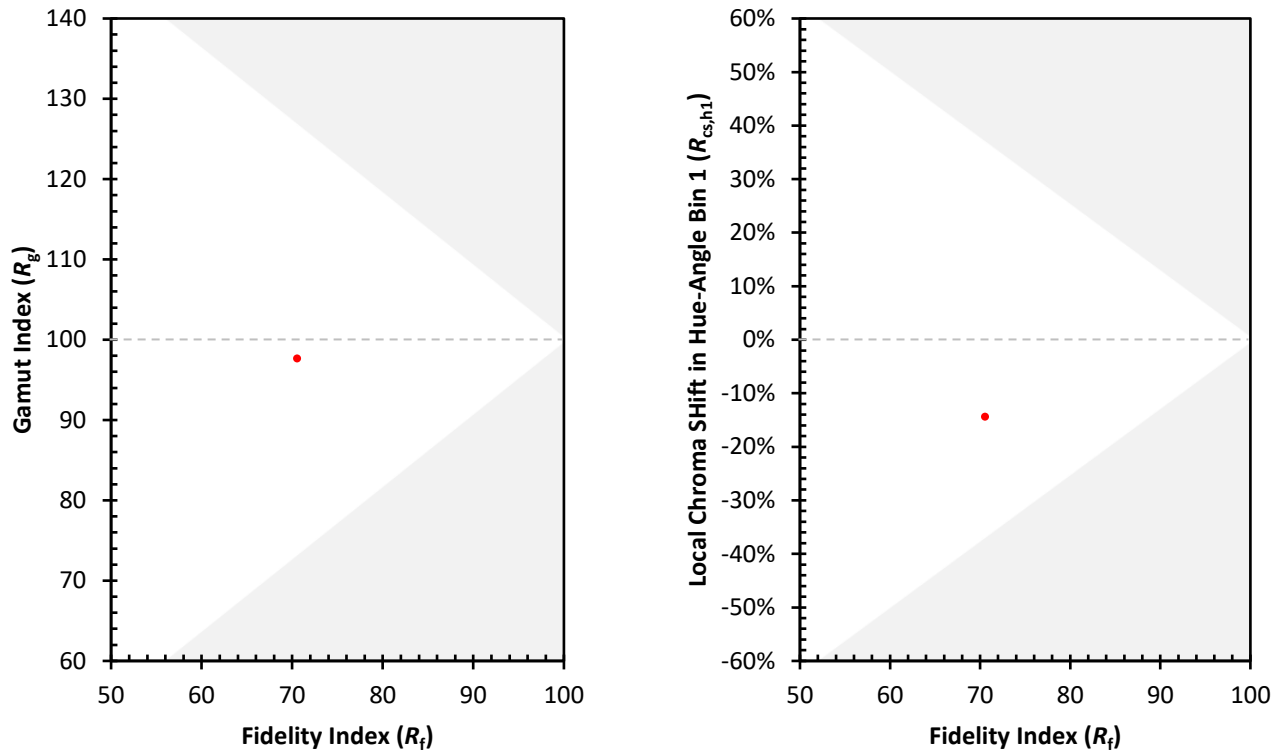
Individual Sample Fidelity Index ($R_{f,i}$)

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)