

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: McGRAW-EDISON

Report Number: P1048301

Luminaire Tested: **GALN-SA8A-722-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048301
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-722-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21195.7 lumens
Efficiency: N/A
Efficacy: 97.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 217.6
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

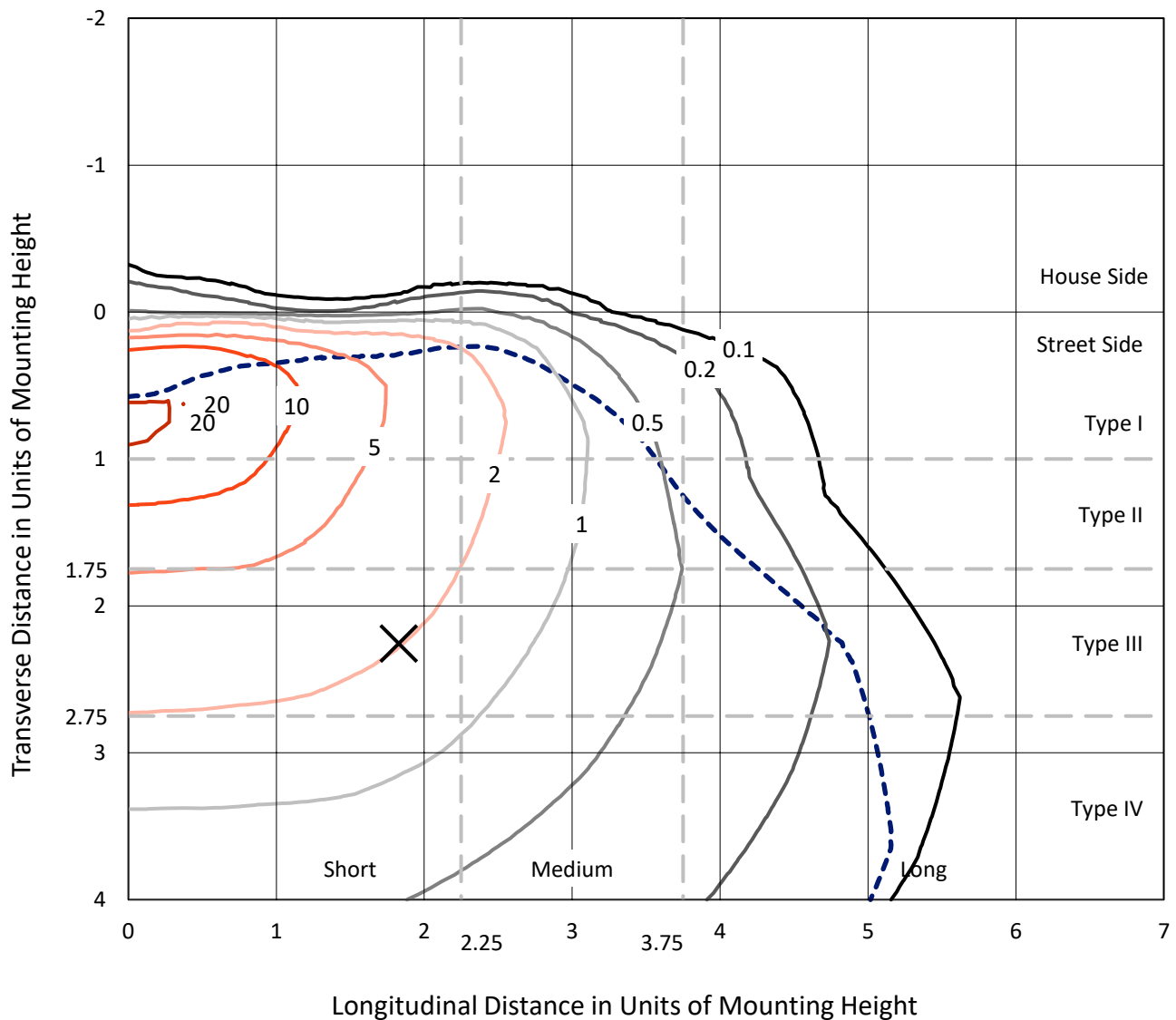


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

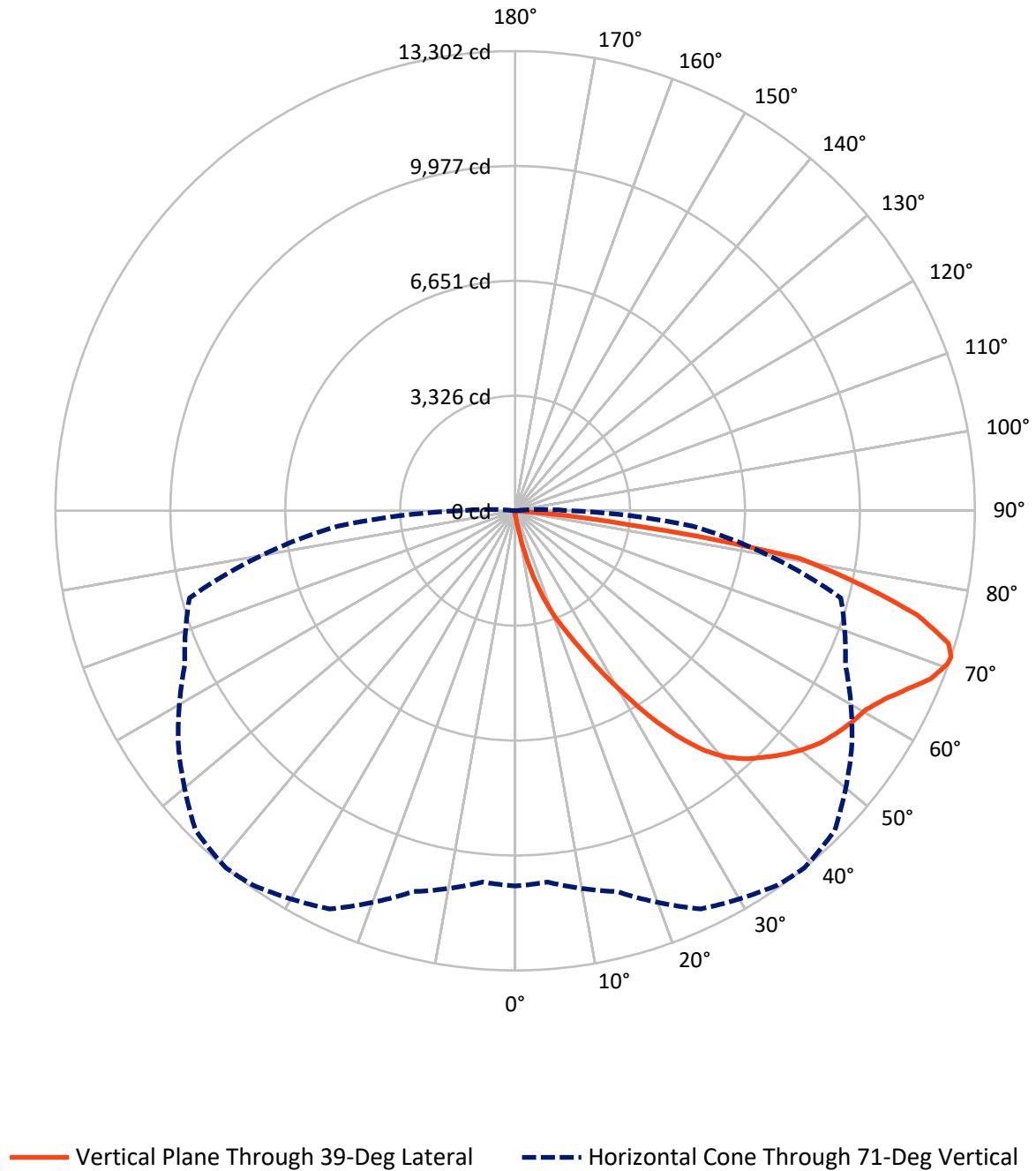


Based on 15 foot mounting height. Maximum calculated value = 21.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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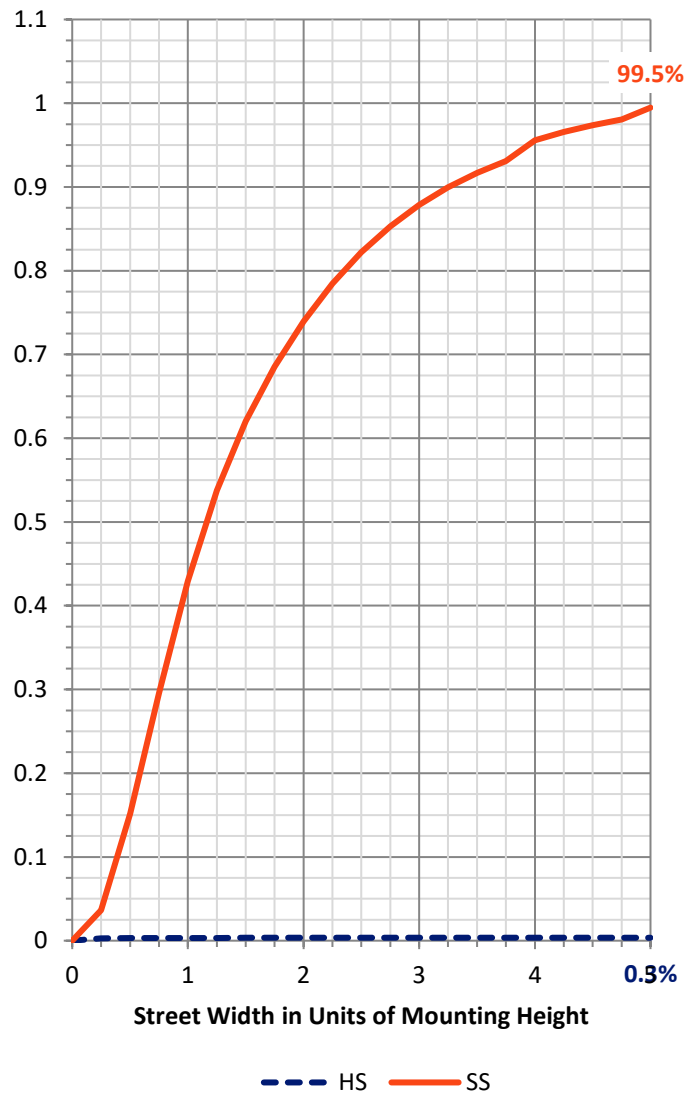
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	75.3	0.0	75.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21120.4	0.0	21120.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	21195.7	0.0	21195.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	0.1
10°-20°	226.5	1.1
20°-30°	806.8	3.8
30°-40°	1944.4	9.2
40°-50°	3254.1	15.4
50°-60°	4179.4	19.7
60°-70°	5289.1	25.0
70°-80°	4715.5	22.2
80°-90°	762.2	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°	21195.7	100.0
0°-180°	21195.7	100.0



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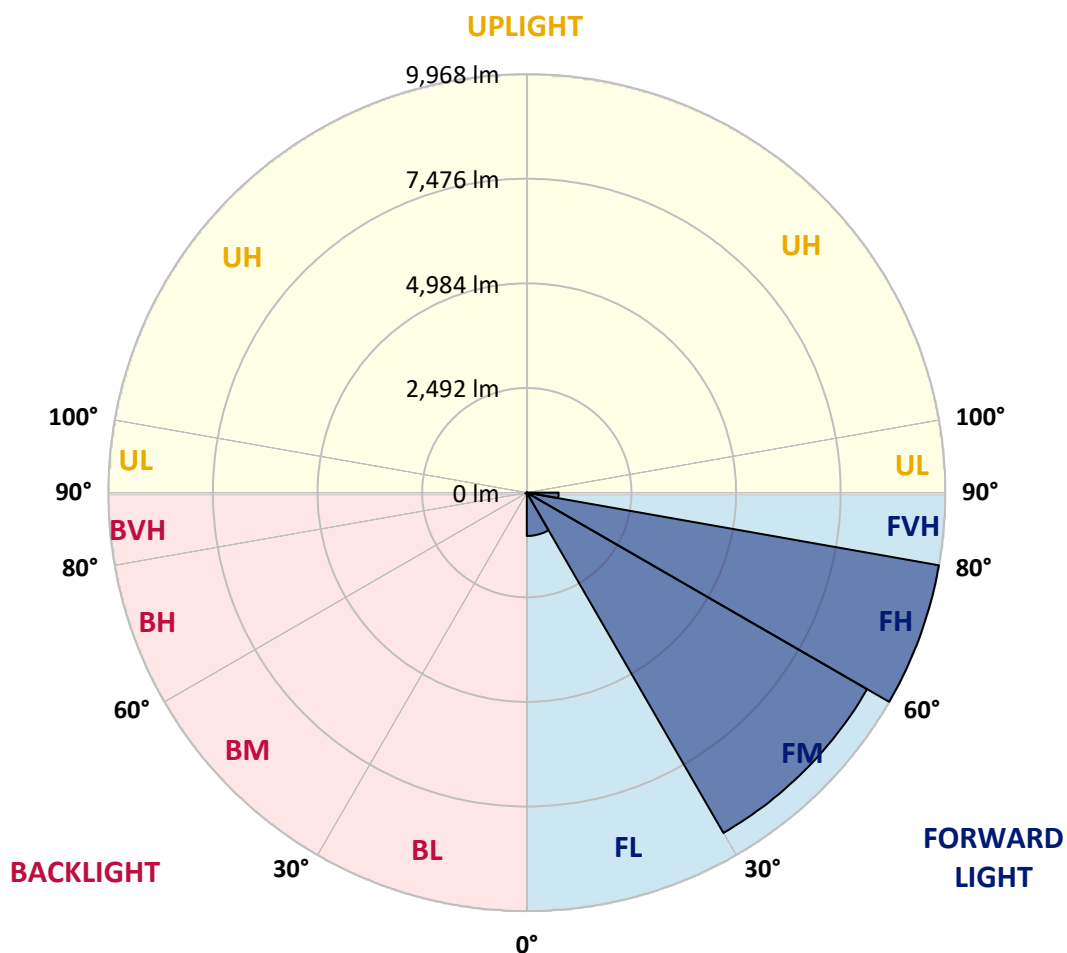
CATALOG NUMBER: GALN-SA8A-722-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1032.8	4.9			
FM	(30°-60°)	9360.5	44.2			
FH	(60°-80°)	9968.4	47.0			G4/12000
FVH	(80°-90°)	758.8	3.6			G5
BL	(0°-30°)	18.2	0.1	B0/110		
BM	(30°-60°)	17.4	0.1	B0/220		
BH	(60°-80°)	36.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
2.5°	133.4	133.4	133.4	129.1	129.1	127.7	126.3	126.3	123.4	122.0	119.1
5°	202.3	198.0	188.0	182.2	170.7	163.6	156.4	146.4	136.3	129.1	120.5
7.5°	457.7	467.8	434.8	373.1	309.9	282.7	236.7	190.8	157.8	136.3	122.0
10°	1166.5	1160.8	1048.9	925.5	714.5	629.9	493.6	311.4	203.7	149.2	123.4
12.5°	1984.4	1978.6	1846.6	1678.8	1400.4	1223.9	965.6	581.1	292.7	169.3	123.4
15°	2671.7	2648.7	2607.1	2440.7	2115.0	1967.2	1625.7	1027.3	473.5	203.7	126.3
17.5°	3126.5	3106.4	3067.7	3007.4	2800.8	2625.8	2351.7	1614.2	766.2	264.0	132.0
20°	3544.0	3529.7	3498.1	3486.7	3353.2	3260.0	3033.2	2288.6	1193.8	358.7	140.6
22.5°	4118.0	4087.9	4100.8	4031.9	3901.3	3789.4	3650.2	2994.5	1716.1	516.5	156.4
25°	4821.1	4806.7	4770.8	4722.0	4541.3	4443.7	4229.9	3660.3	2300.0	723.2	173.6
27.5°	5670.5	5654.7	5646.1	5534.2	5326.1	5219.9	4921.5	4288.7	2957.2	1013.0	196.6
30°	6649.0	6656.2	6600.3	6456.8	6214.3	6065.1	5758.0	4947.3	3630.1	1353.1	221.0
32.5°	7662.0	7647.7	7561.6	7392.3	7175.6	7036.4	6646.2	5669.0	4336.1	1802.2	249.7
35°	8753.9	8726.7	8500.0	8306.3	8121.2	7946.1	7590.3	6507.0	5042.0	2305.8	288.4
37.5°	9855.9	9728.2	9273.4	9028.0	8900.3	8756.8	8425.4	7400.9	5743.7	2868.2	335.8
40°	10688.1	10589.1	10049.6	9597.6	9495.8	9373.8	9127.0	8172.8	6489.8	3472.3	393.1
42.5°	11148.7	11094.2	10609.2	10163.0	9923.3	9815.7	9604.8	8847.2	7227.3	4139.5	476.4
45°	11345.3	11260.6	10936.3	10728.3	10346.6	10168.7	9917.6	9356.6	7997.8	4897.1	592.6
47.5°	11285.0	11236.2	11003.8	11079.8	10802.9	10526.0	10157.2	9746.9	8656.4	5766.6	751.9
50°	10906.2	10864.6	10792.8	11204.6	11170.2	10843.1	10467.1	10055.3	9194.4	6663.4	998.6
52.5°	10185.9	10168.7	10352.4	11107.1	11378.3	11122.9	10765.6	10328.0	9696.6	7600.3	1351.6
55°	9257.6	9327.9	9853.0	10955.0	11484.4	11329.5	11029.6	10583.4	10099.8	8438.3	1872.5
57.5°	8875.9	8894.6	9550.3	10847.4	11531.8	11511.7	11286.4	10827.3	10470.0	9108.3	2667.4
60°	9322.1	9293.4	9639.2	10929.2	11626.5	11675.3	11514.6	11054.0	10791.4	9683.7	3726.3
62.5°	10128.5	10112.7	10223.2	11277.8	11903.4	12002.4	11831.7	11217.6	11075.5	10062.5	4934.4
65°	10848.8	10815.8	11021.0	11896.2	12389.8	12460.1	12310.9	11497.4	11200.3	10338.0	6069.4
67.5°	11160.2	11153.0	11483.0	12484.5	12900.6	12976.7	12846.1	11883.3	11171.6	10425.5	6570.1
70°	11018.1	10990.9	11518.9	12734.2	13189.0	13275.1	13148.8	12026.8	10860.3	10148.6	5828.3
71°	10861.7	10788.5	11411.3	12717.0	13229.2	13302.4	13081.4	11896.2	10547.5	9755.5	5155.4
72.5°	10376.7	10389.7	11115.7	12537.6	13133.1	13111.5	12699.7	11428.5	10170.1	8863.0	4140.9
75°	9183.0	9259.0	10158.6	11784.3	12275.0	12001.0	11371.1	10534.6	9412.5	6354.9	2875.4
77.5°	7504.2	7617.6	8606.2	10335.1	10196.0	10168.7	10142.9	9282.0	8038.0	3413.5	2000.2
80°	3582.8	3828.1	5191.2	7377.9	8015.0	8323.5	8129.8	7479.8	6215.7	1625.7	1195.2
82.5°	233.9	231.0	327.1	619.8	2612.8	3377.6	5366.3	5346.2	4333.2	792.0	487.8
85°	110.5	113.4	124.8	142.0	165.0	180.8	249.7	1463.5	2073.3	377.4	106.2
87.5°	64.6	66.0	77.5	99.0	129.1	143.5	170.7	219.5	269.7	208.1	23.0
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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CATALOG NUMBER: GALN-SA8A-722-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
2.5°	117.7	116.2	111.9	107.6	103.3	100.4	99.0	100.4	100.4	101.9	101.9
5°	117.7	113.4	106.2	97.6	91.8	86.1	83.2	81.8	83.2	83.2	83.2
7.5°	116.2	109.0	99.0	89.0	81.8	74.6	71.7	70.3	70.3	71.7	71.7
10°	113.4	106.2	93.3	81.8	73.2	64.6	60.3	56.0	56.0	56.0	57.4
12.5°	111.9	101.9	86.1	74.6	63.1	53.1	44.5	40.2	41.6	41.6	41.6
15°	109.0	97.6	81.8	67.4	53.1	40.2	33.0	28.7	30.1	31.6	30.1
17.5°	109.0	96.1	76.0	58.8	41.6	30.1	24.4	21.5	21.5	23.0	23.0
20°	109.0	93.3	71.7	50.2	31.6	23.0	17.2	15.8	15.8	18.7	20.1
22.5°	111.9	93.3	66.0	41.6	25.8	17.2	12.9	11.5	12.9	15.8	17.2
25°	116.2	91.8	60.3	37.3	21.5	12.9	10.0	7.2	8.6	11.5	12.9
27.5°	120.5	90.4	54.5	33.0	17.2	10.0	7.2	5.7	4.3	5.7	5.7
30°	124.8	90.4	48.8	27.3	14.3	7.2	4.3	2.9	1.4	0.0	0.0
32.5°	127.7	87.5	44.5	21.5	11.5	5.7	2.9	1.4	0.0	0.0	0.0
35°	130.6	84.7	38.7	17.2	8.6	4.3	1.4	0.0	0.0	0.0	0.0
37.5°	133.4	80.4	33.0	14.3	7.2	2.9	0.0	0.0	0.0	0.0	0.0
40°	136.3	74.6	27.3	12.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	139.2	70.3	23.0	10.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	146.4	67.4	18.7	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	159.3	64.6	17.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	177.9	61.7	15.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	203.7	60.3	14.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	249.7	58.8	12.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	328.6	57.4	12.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	503.6	54.5	12.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	899.6	53.1	11.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1568.3	54.5	11.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2248.4	57.4	10.0	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	1924.1	50.2	10.0	5.7	2.9	1.4	0.0	0.0	0.0	0.0	0.0
71°	1568.3	44.5	10.0	5.7	2.9	1.4	1.4	0.0	0.0	0.0	0.0
72.5°	1008.7	34.4	8.6	5.7	2.9	2.9	1.4	0.0	0.0	0.0	0.0
75°	426.1	28.7	8.6	5.7	4.3	2.9	2.9	1.4	0.0	0.0	0.0
77.5°	182.2	21.5	8.6	7.2	5.7	4.3	4.3	2.9	1.4	0.0	0.0
80°	68.9	17.2	10.0	8.6	7.2	7.2	5.7	2.9	1.4	0.0	0.0
82.5°	31.6	14.3	10.0	8.6	8.6	7.2	5.7	4.3	2.9	0.0	0.0
85°	20.1	12.9	10.0	8.6	8.6	7.2	7.2	4.3	2.9	0.0	0.0
87.5°	15.8	12.9	10.0	10.0	8.6	8.6	5.7	4.3	1.4	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

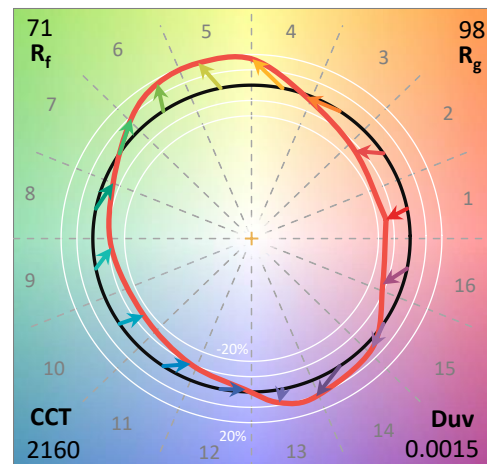
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

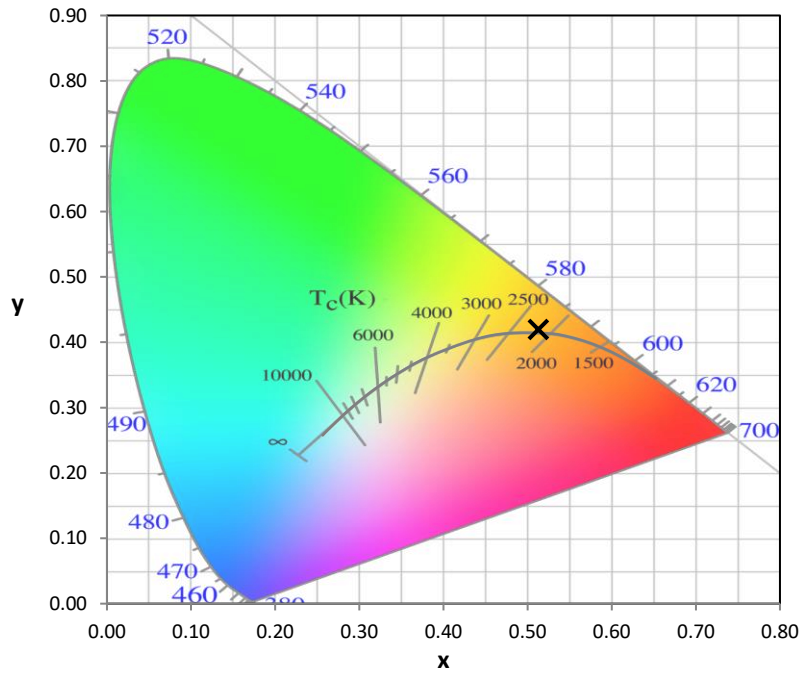
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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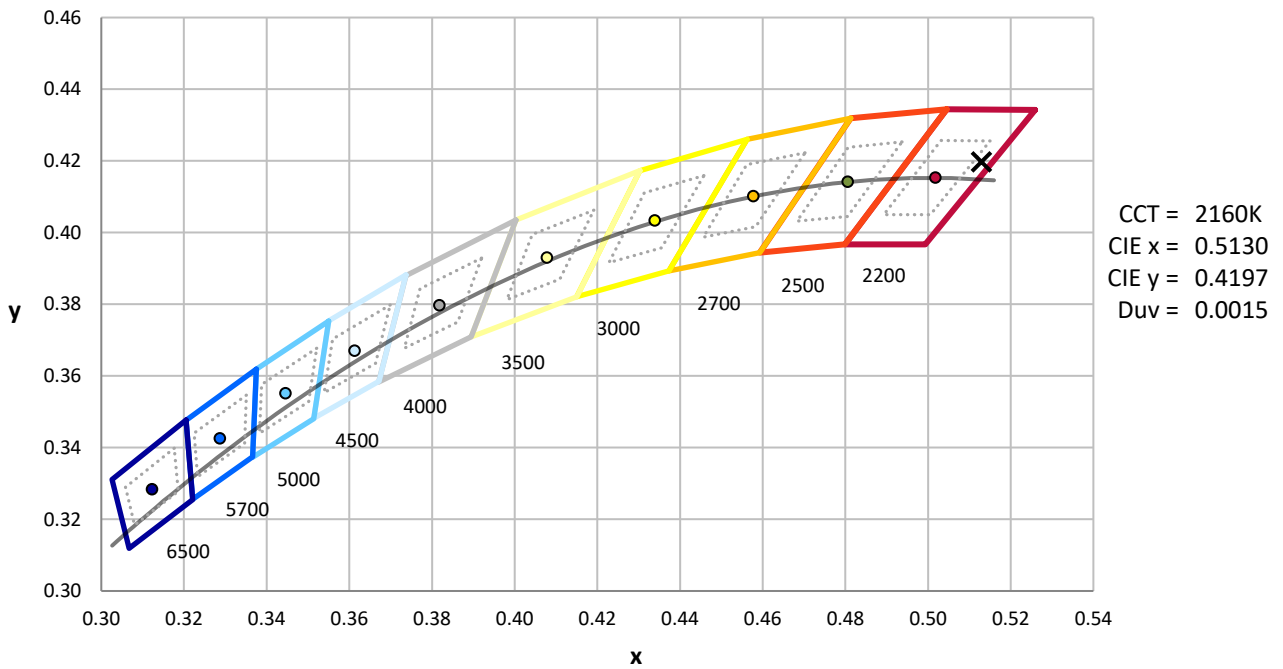
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



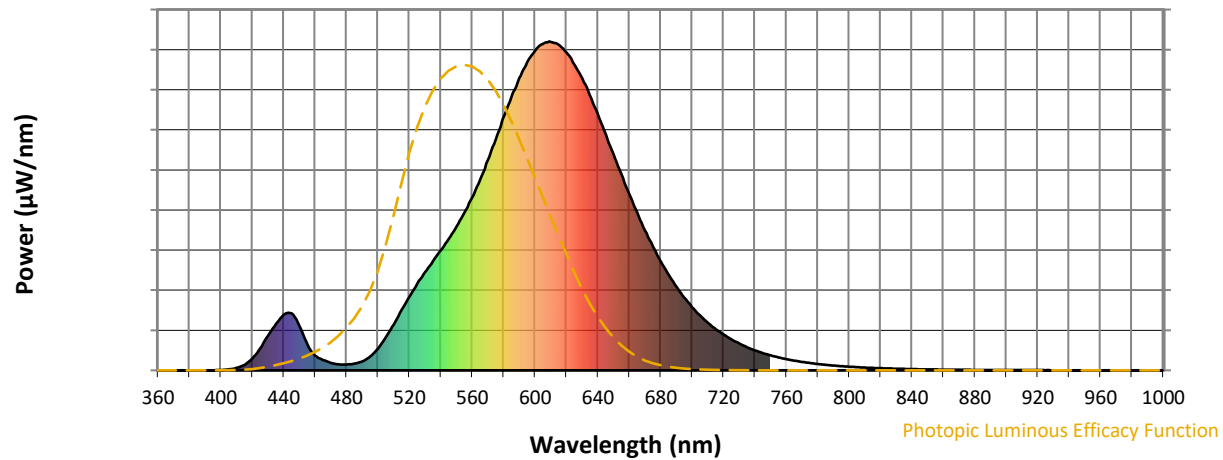
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

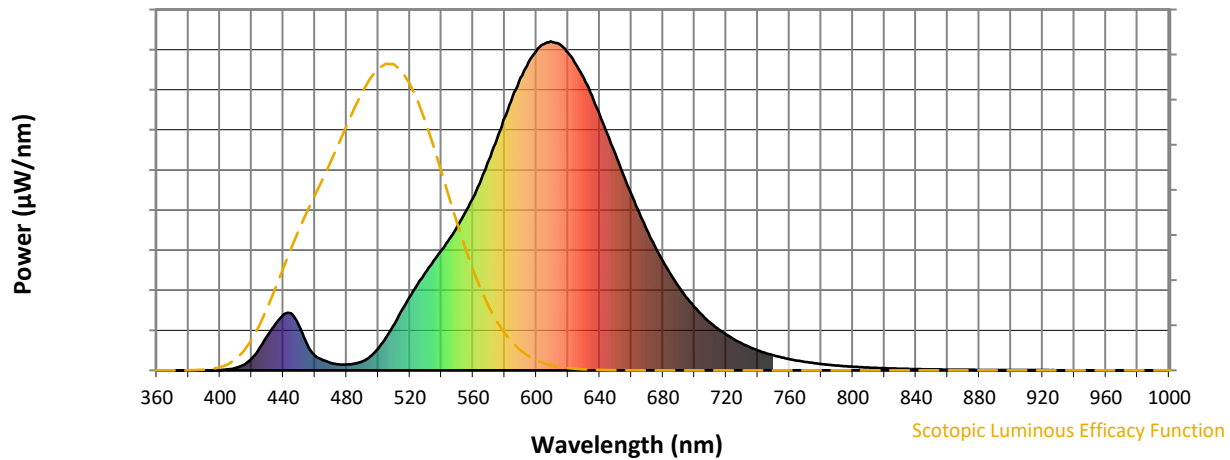


Photopic Lumens: NR

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



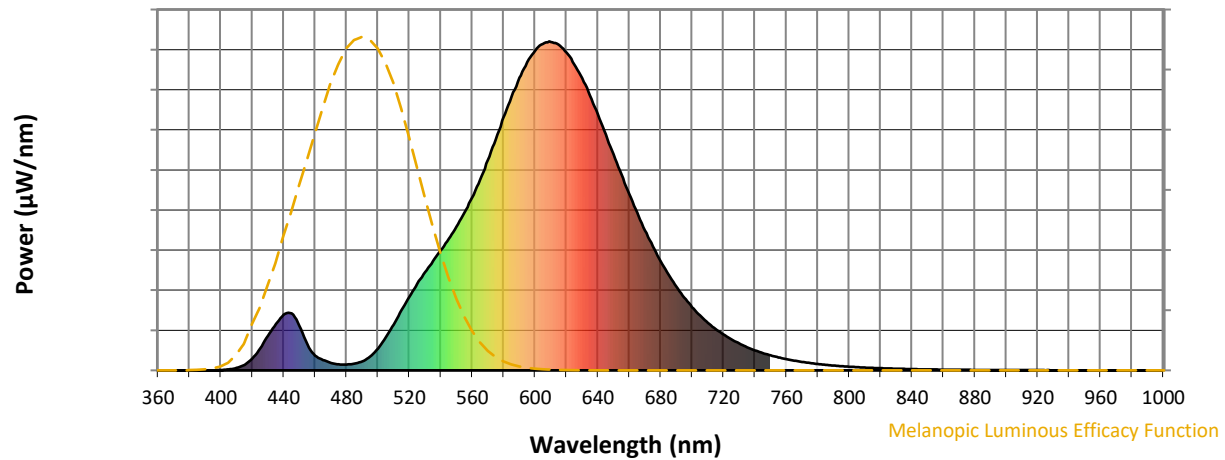
Scotopic Lumens: NR

S/P: 0.8

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /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

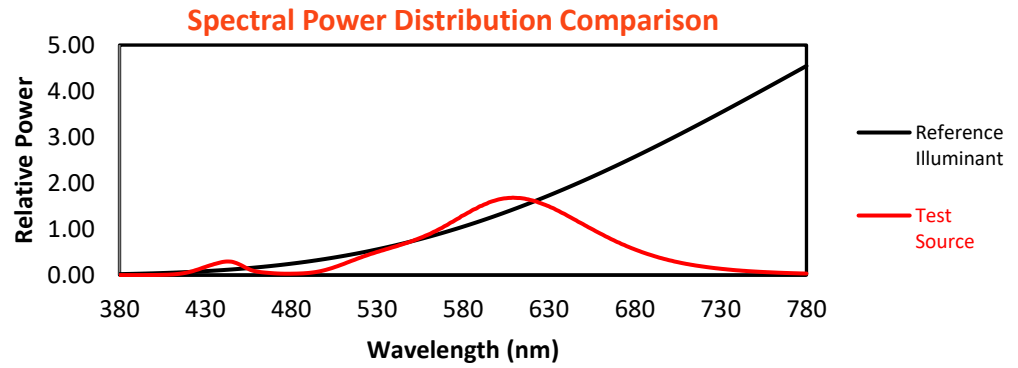
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27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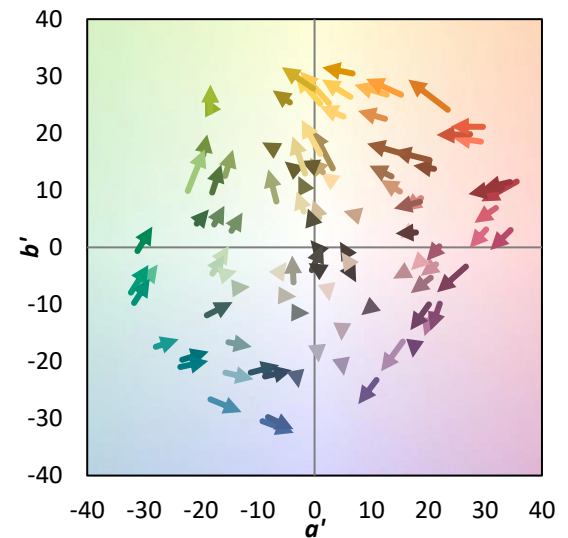
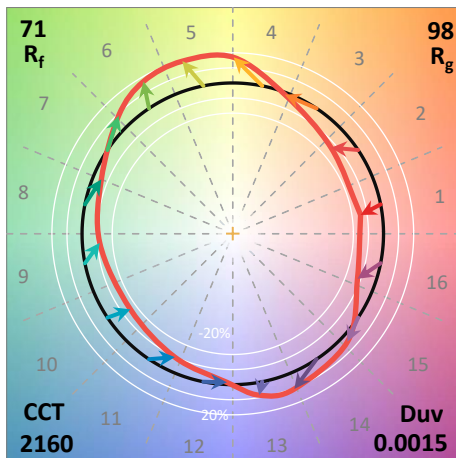
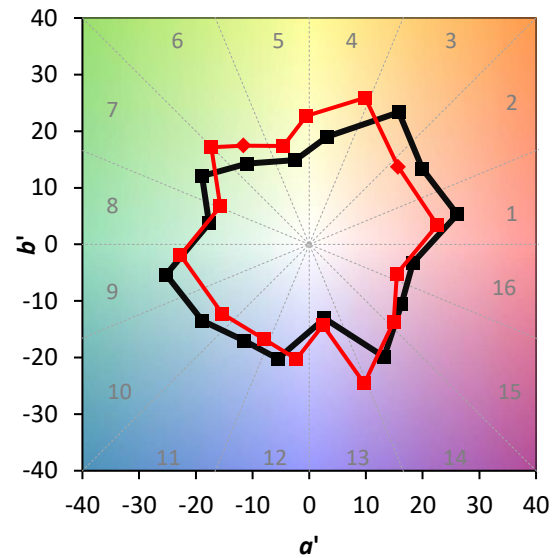
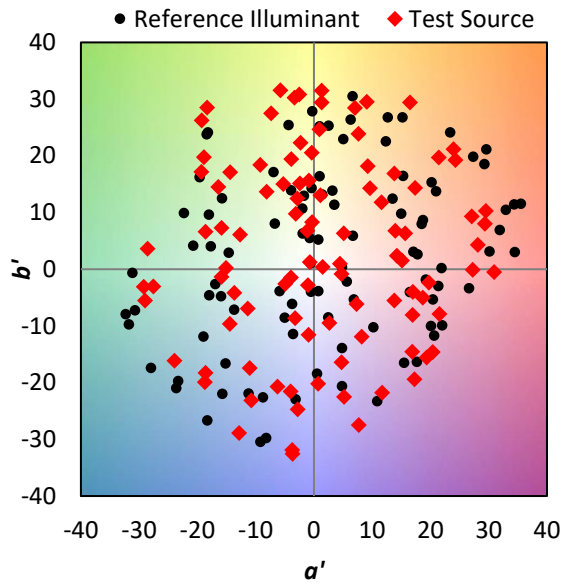
TM-30-18

Summary

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

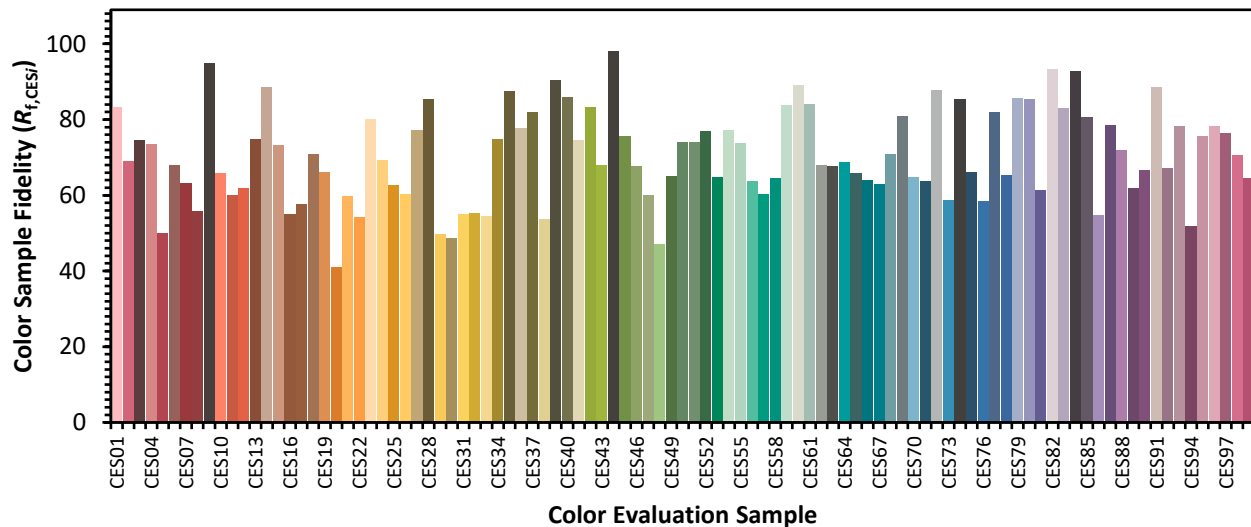


Color Vector Graphics

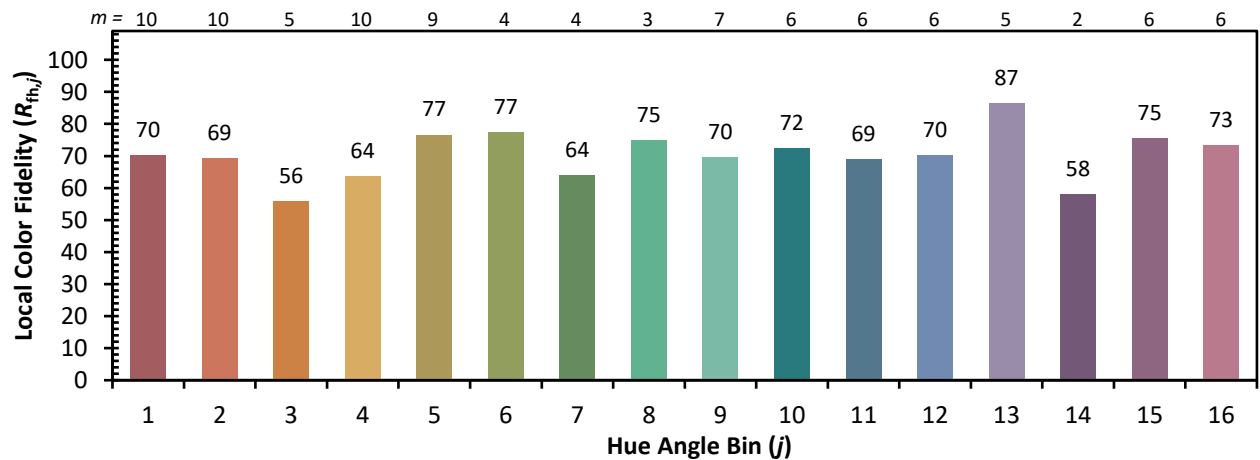
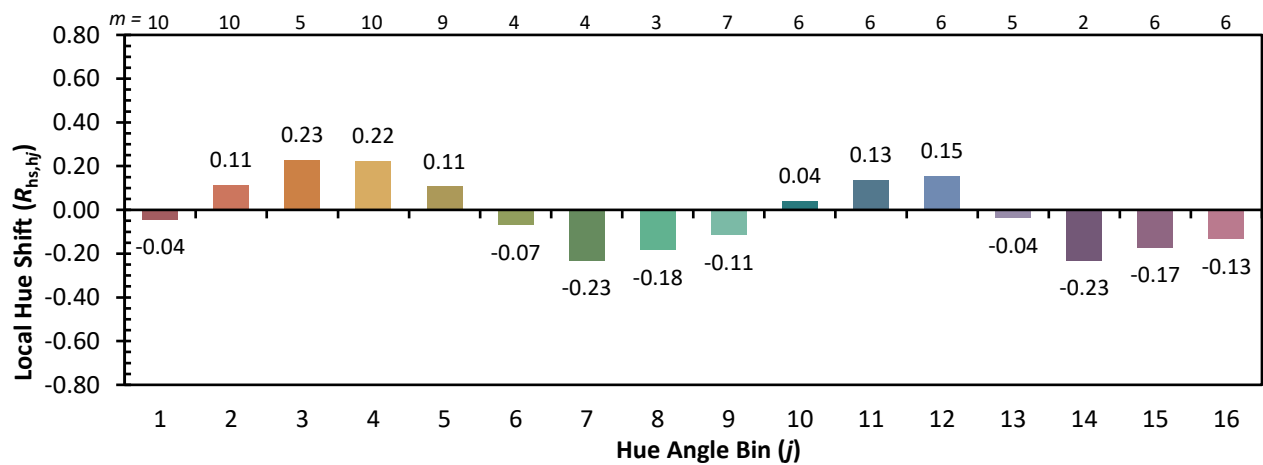
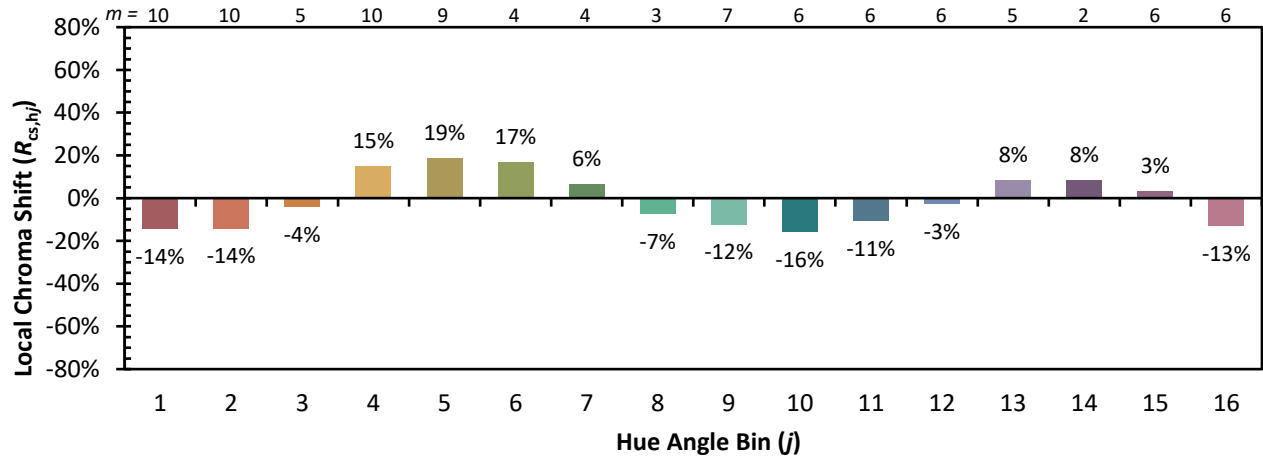


Individual Sample Fidelity Index ($R_{f,i}$)

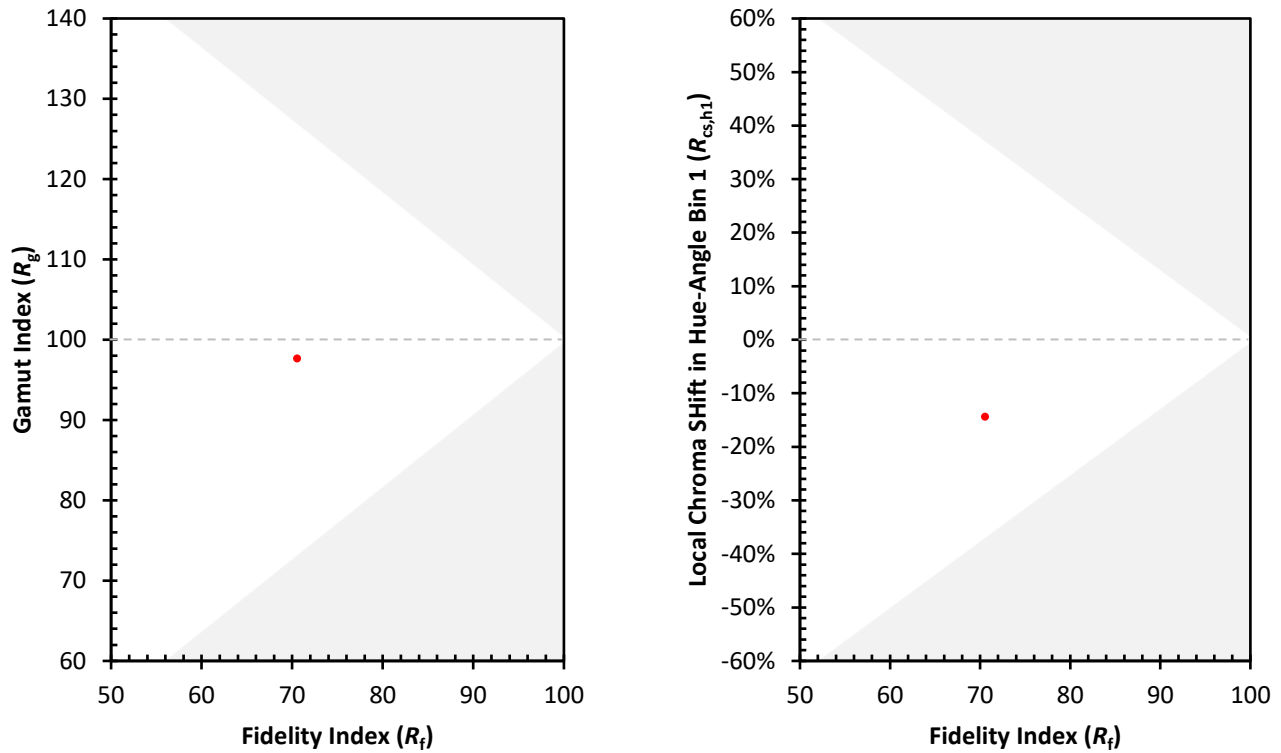
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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