

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: P1047761

Luminaire Tested: **GALN-SA8A-730-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047761
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-730-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27694.8 lumens
Efficiency: N/A
Efficacy: 127.3 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): 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

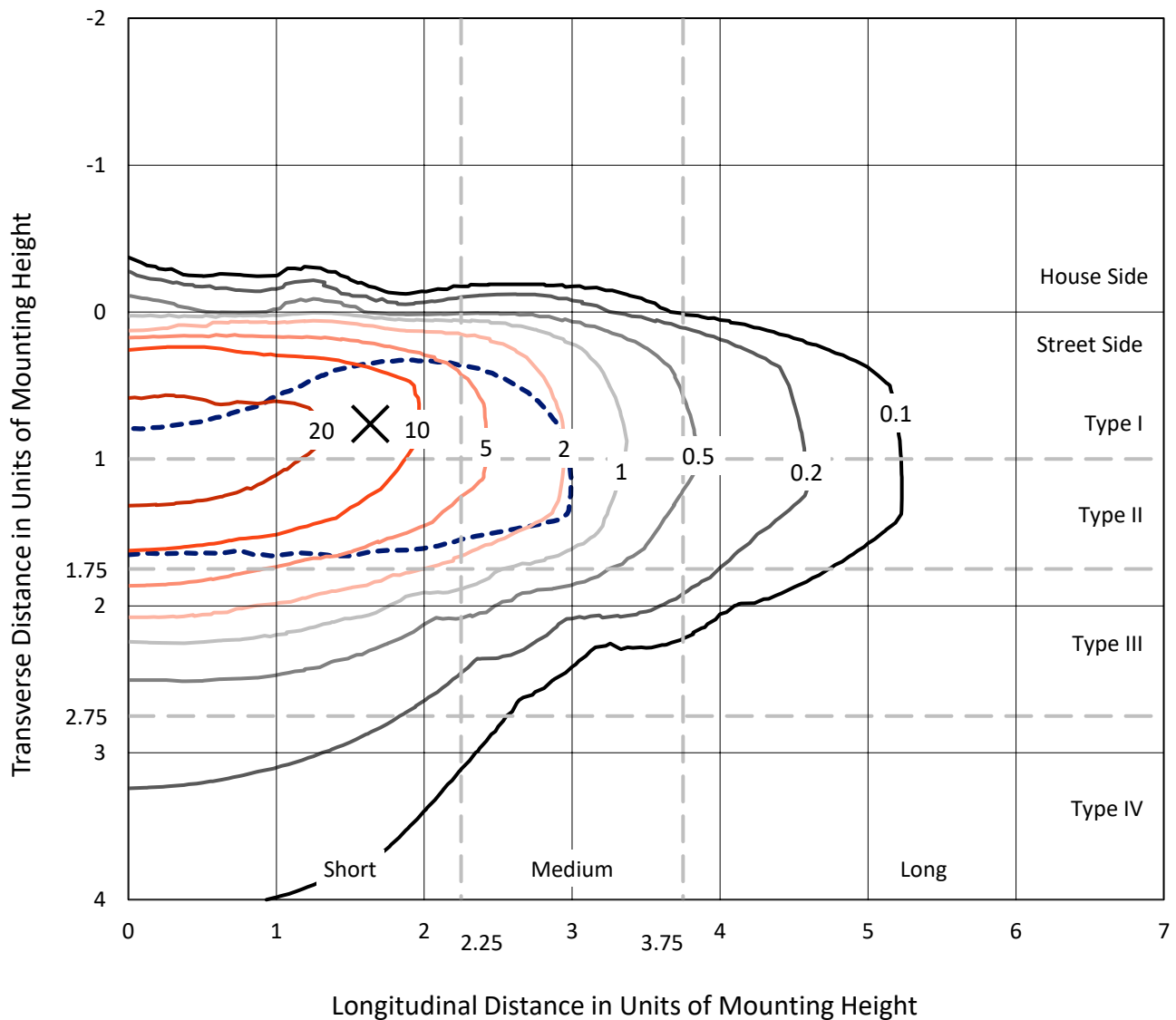


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

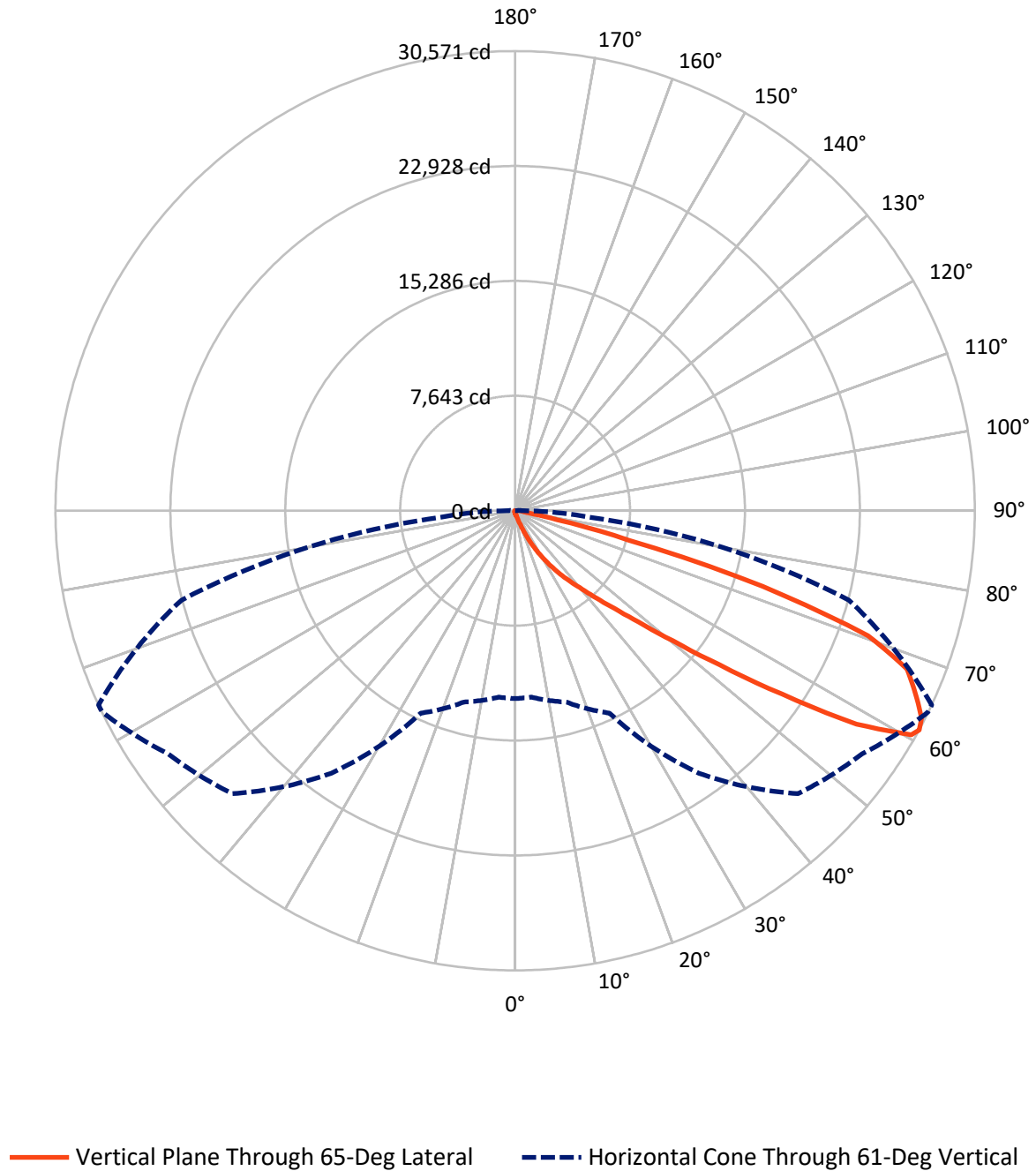


Based on 15 foot mounting height. Maximum calculated value = 36.6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	118.2	0.0	118.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27576.6	0.0	27576.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	27694.8	0.0	27694.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.6	0.1
10°-20°	227.7	0.8
20°-30°	817.3	3.0
30°-40°	2176.0	7.9
40°-50°	5716.4	20.6
50°-60°	8855.7	32.0
60°-70°	7425.4	26.8
70°-80°	2185.2	7.9
80°-90°	269.6	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°	27694.8	100.0
0°-180°	27694.8	100.0



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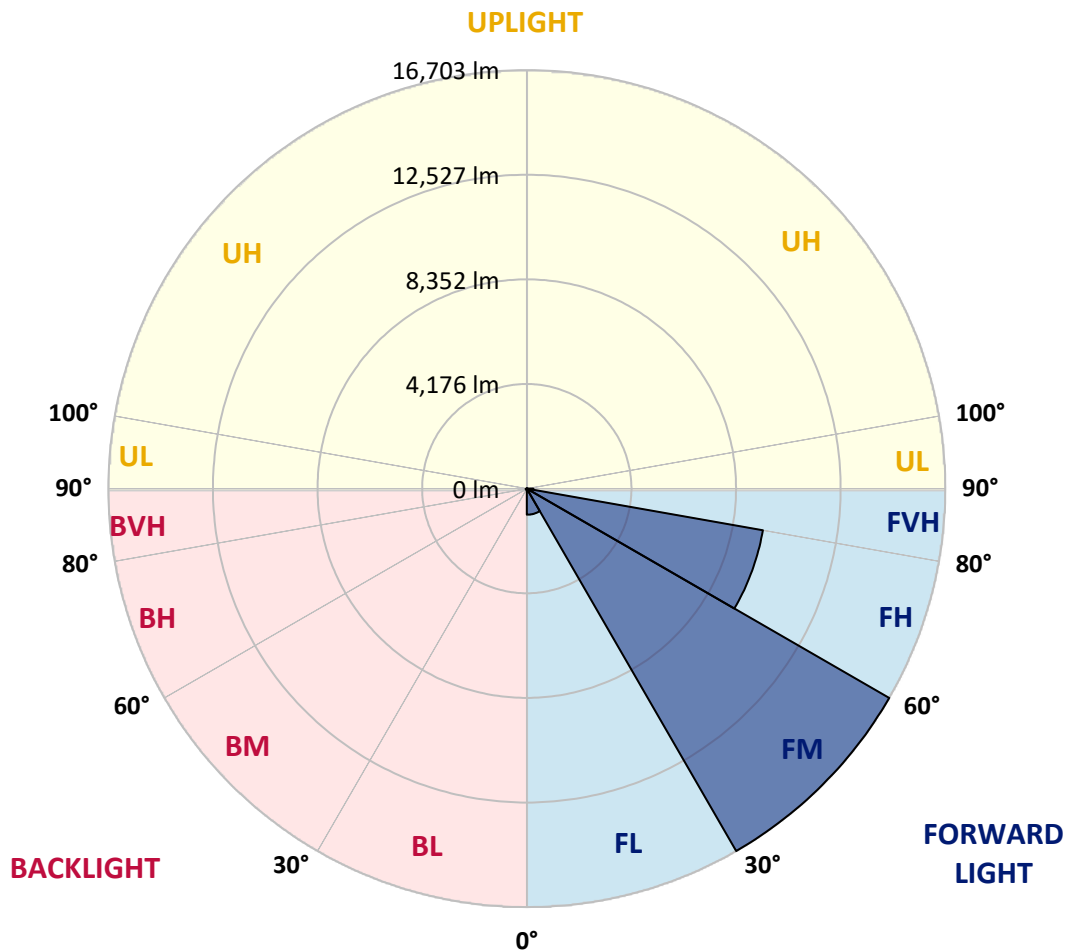
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1040.1	3.8			
FM	(30°-60°)	16703.1	60.3			
FH	(60°-80°)	9568.9	34.6			G4/12000
FVH	(80°-90°)	264.6	1.0			G3/500
BL	(0°-30°)	26.5	0.1	B0/110		
BM	(30°-60°)	45.0	0.2	B0/220		
BH	(60°-80°)	41.7	0.2	B0/110		G0/110
BVH	(80°-90°)	5.0	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°	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6
2.5°	205.8	207.7	203.8	196.2	190.5	190.5	188.6	182.9	182.9	177.2	173.4
5°	287.7	283.9	276.2	261.0	247.7	234.3	221.0	207.7	205.8	188.6	177.2
7.5°	470.6	474.4	449.6	402.0	362.0	310.5	262.9	234.3	230.5	201.9	179.1
10°	1032.6	1004.0	946.8	762.0	626.8	472.5	350.5	272.4	268.6	217.2	182.9
12.5°	1882.2	1859.4	1754.6	1564.1	1215.5	845.9	512.5	337.2	325.8	230.5	184.8
15°	2712.9	2676.7	2619.5	2427.1	2019.4	1516.5	838.2	461.0	430.6	249.6	182.9
17.5°	3242.5	3248.2	3196.8	3114.9	2851.9	2244.2	1447.9	687.7	628.7	283.9	179.1
20°	3705.4	3692.1	3720.7	3676.9	3492.1	3050.1	2107.0	1089.7	988.8	339.1	181.0
22.5°	4238.9	4271.3	4292.2	4282.7	4078.8	3701.6	2855.8	1630.8	1503.1	440.1	186.7
25°	4953.3	4949.5	4951.4	4926.6	4728.5	4309.4	3606.4	2303.3	2173.7	603.9	200.0
27.5°	5702.0	5724.8	5734.4	5644.8	5385.7	4974.2	4301.7	3038.6	2886.2	866.8	217.2
30°	6725.0	6706.0	6662.2	6479.3	6164.9	5654.4	4987.6	3810.2	3650.2	1234.5	243.9
32.5°	8104.3	8083.4	7862.4	7458.5	6987.9	6363.1	5677.2	4583.7	4389.4	1693.6	280.1
35°	10377.1	10409.5	9866.6	8820.6	7976.7	7214.6	6441.2	5353.4	5181.9	2259.5	329.6
37.5°	13857.8	13680.6	12943.3	11095.3	9277.9	8277.7	7170.8	6130.6	5982.0	2956.7	394.4
40°	17239.3	17064.1	16850.7	15099.9	11539.2	9449.3	8192.0	7043.2	6850.8	3743.5	489.6
42.5°	20794.3	20697.1	20687.6	19367.3	15665.7	11291.6	9420.8	8111.9	7948.1	4606.6	645.8
45°	23312.8	23215.6	23419.5	23650.0	21285.8	15239.0	11560.2	9500.8	9262.6	5654.4	895.4
47.5°	23651.9	23655.7	24200.6	24922.6	25461.8	21344.8	14410.2	11341.1	11051.5	7153.7	1314.5
50°	22524.1	22567.9	23434.7	24726.4	26178.1	26467.7	19435.9	14012.1	13583.4	8931.1	1908.9
52.5°	20377.0	20426.6	21634.4	23758.6	25518.9	27698.4	25353.2	17506.0	17012.6	11148.7	2747.2
55°	18443.3	18473.8	19858.8	22543.1	24724.5	27029.7	28866.2	22171.6	21523.9	13876.8	3574.0
57.5°	16528.7	16458.2	17359.3	20432.3	24589.2	26208.6	29384.4	27488.8	26774.4	16858.3	4217.9
60°	13968.3	13850.1	14574.1	16528.7	22809.9	26747.7	28414.7	30430.3	30268.4	21009.5	4715.1
61°	12495.6	12446.1	13173.8	14850.3	21312.4	26610.5	28182.3	30554.1	30571.3	22973.7	4938.0
62.5°	8923.5	9064.5	10177.1	12356.5	17850.9	25720.9	28212.7	30171.2	30340.7	25583.7	5515.3
65°	3966.4	4193.1	5058.1	6831.7	10380.9	21396.3	27942.2	29331.0	29247.2	26300.0	7504.2
67.5°	2352.8	2387.1	2817.7	3871.2	5498.1	11508.8	24657.8	28220.4	28108.0	22895.6	9336.9
70°	1853.7	1870.8	2008.0	2429.0	3191.1	4408.4	14073.0	24415.9	24905.5	18565.3	9140.7
72.5°	1758.4	1754.6	1773.7	1848.0	2009.9	2187.1	5448.6	16229.6	17226.0	13370.0	7664.2
75°	1735.6	1727.9	1708.9	1680.3	1455.5	1287.9	1687.9	7178.4	7755.7	9135.0	5770.6
77.5°	1684.1	1686.0	1689.8	1611.7	1247.8	910.6	817.3	2303.3	2832.9	5797.2	4101.7
80°	1139.3	1156.4	1185.0	1154.5	1122.1	659.2	577.2	819.2	830.6	3253.9	2709.1
82.5°	577.2	577.2	563.9	502.9	434.4	428.6	459.1	594.4	602.0	1646.0	1274.5
85°	348.6	367.7	375.3	341.0	312.4	287.7	350.5	472.5	489.6	638.2	297.2
87.5°	78.1	80.0	87.6	116.2	169.6	230.5	325.8	432.5	440.1	409.6	36.2
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°	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6	169.6
2.5°	171.5	167.6	165.7	160.0	154.3	148.6	144.8	142.9	144.8	146.7	146.7
5°	169.6	163.8	154.3	144.8	137.2	129.5	121.9	120.0	120.0	121.9	121.9
7.5°	169.6	160.0	146.7	135.3	123.8	112.4	106.7	102.9	104.8	104.8	104.8
10°	169.6	158.1	141.0	123.8	110.5	97.2	87.6	83.8	83.8	83.8	83.8
12.5°	167.6	156.2	135.3	114.3	95.3	80.0	68.6	62.9	64.8	64.8	64.8
15°	163.8	150.5	127.6	97.2	76.2	61.0	49.5	43.8	45.7	49.5	51.4
17.5°	158.1	144.8	114.3	81.9	61.0	45.7	34.3	30.5	32.4	38.1	38.1
20°	156.2	139.1	101.0	66.7	45.7	32.4	22.9	19.1	21.0	28.6	30.5
22.5°	156.2	135.3	91.4	55.2	34.3	21.0	13.3	7.6	7.6	13.3	13.3
25°	158.1	133.4	83.8	45.7	24.8	15.2	7.6	3.8	7.6	21.0	24.8
27.5°	161.9	131.5	80.0	38.1	19.1	13.3	5.7	13.3	22.9	22.9	22.9
30°	165.7	127.6	74.3	32.4	17.1	9.5	9.5	19.1	19.1	22.9	24.8
32.5°	171.5	125.7	70.5	28.6	13.3	7.6	13.3	11.4	11.4	13.3	15.2
35°	182.9	127.6	66.7	28.6	13.3	9.5	11.4	5.7	3.8	3.8	3.8
37.5°	198.1	129.5	61.0	24.8	11.4	11.4	5.7	0.0	0.0	0.0	0.0
40°	222.9	135.3	57.2	22.9	9.5	9.5	1.9	0.0	0.0	0.0	0.0
42.5°	264.8	146.7	55.2	21.0	9.5	7.6	0.0	0.0	0.0	0.0	0.0
45°	348.6	173.4	51.4	19.1	9.5	3.8	0.0	0.0	0.0	0.0	0.0
47.5°	501.0	236.2	49.5	15.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	731.6	320.1	47.6	13.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	933.5	337.2	32.4	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	956.4	232.4	24.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	762.0	150.5	21.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	577.2	114.3	19.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	554.4	102.9	19.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	611.5	89.5	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	994.5	74.3	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1727.9	64.8	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2183.3	61.0	11.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1903.2	55.2	11.4	3.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	1145.0	47.6	11.4	7.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	600.1	36.2	11.4	9.5	5.7	1.9	0.0	0.0	0.0	0.0	0.0
80°	291.5	32.4	13.3	9.5	7.6	3.8	0.0	0.0	0.0	0.0	0.0
82.5°	114.3	26.7	15.2	13.3	9.5	5.7	1.9	0.0	0.0	0.0	0.0
85°	51.4	22.9	17.1	15.2	13.3	7.6	1.9	0.0	0.0	0.0	0.0
87.5°	26.7	21.0	19.1	17.1	13.3	9.5	3.8	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

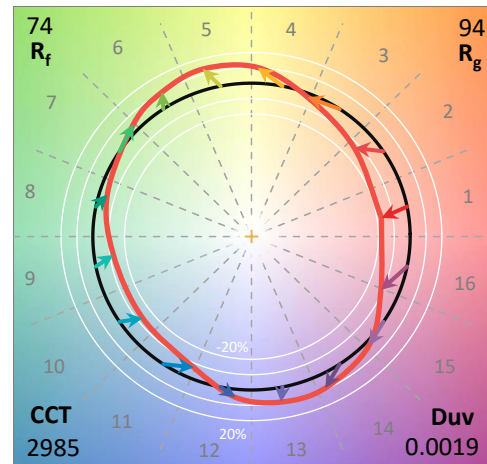
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



Test Conditions

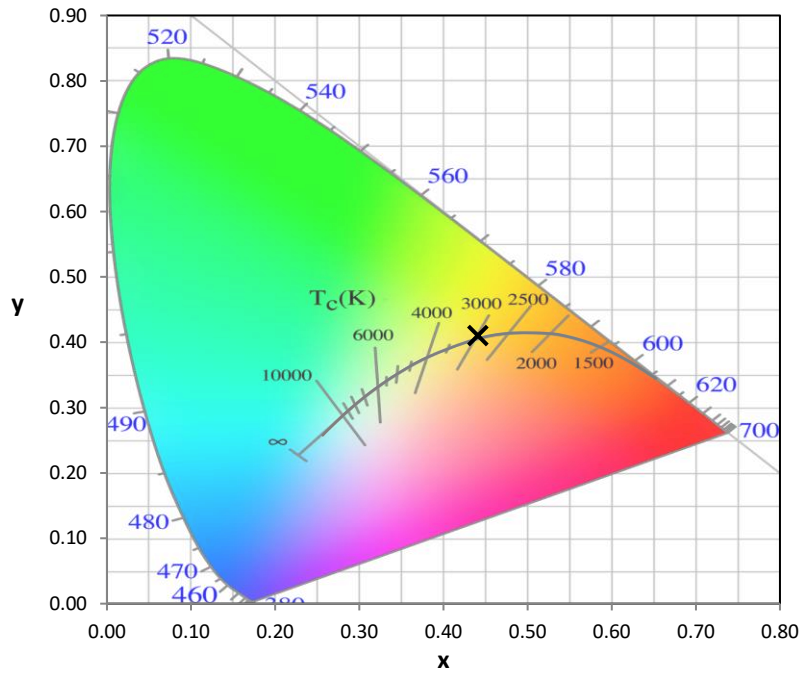
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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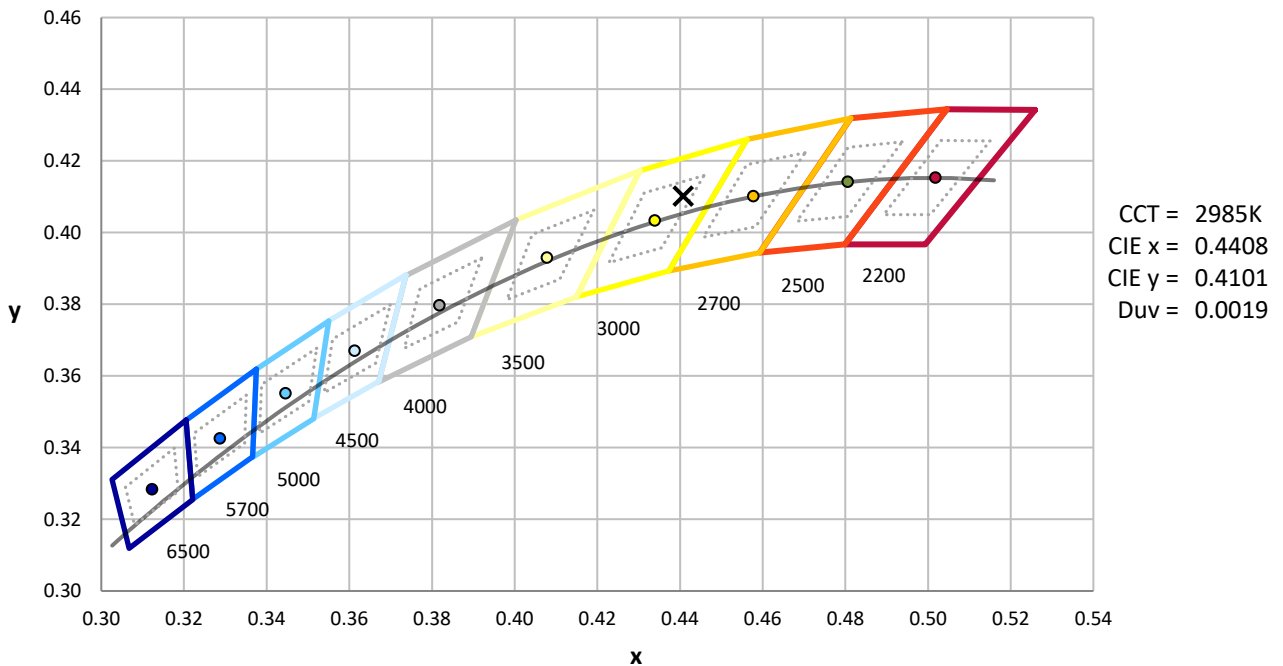
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



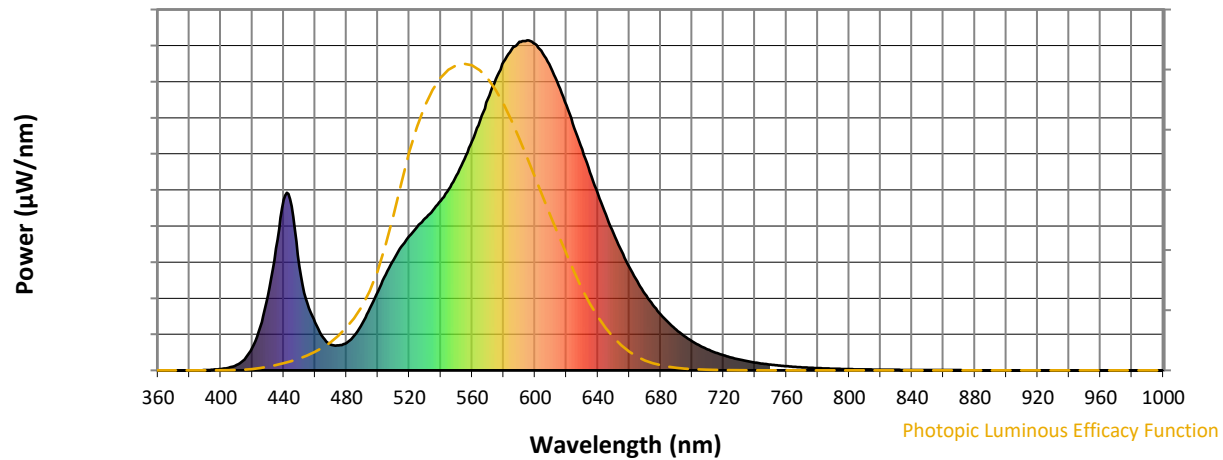
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

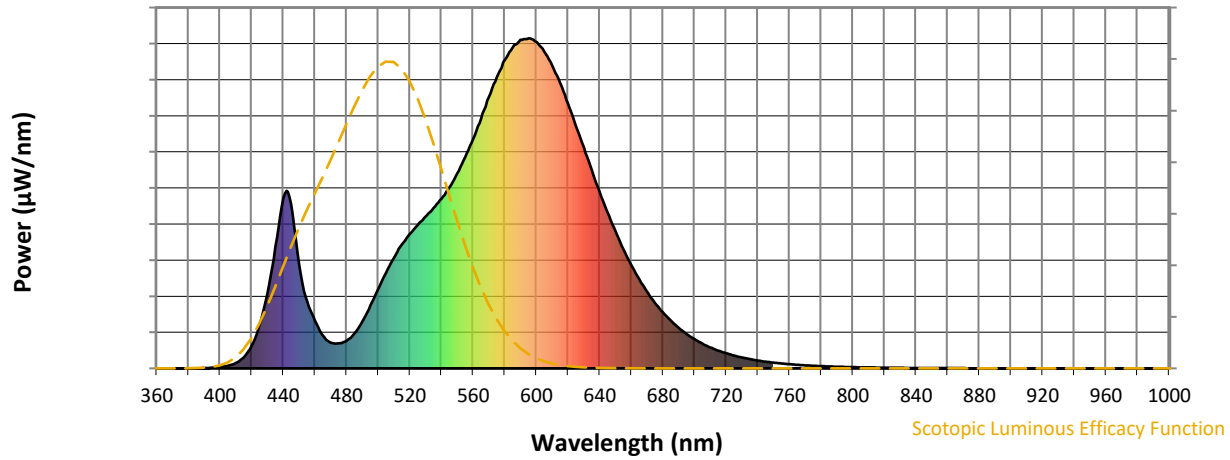


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



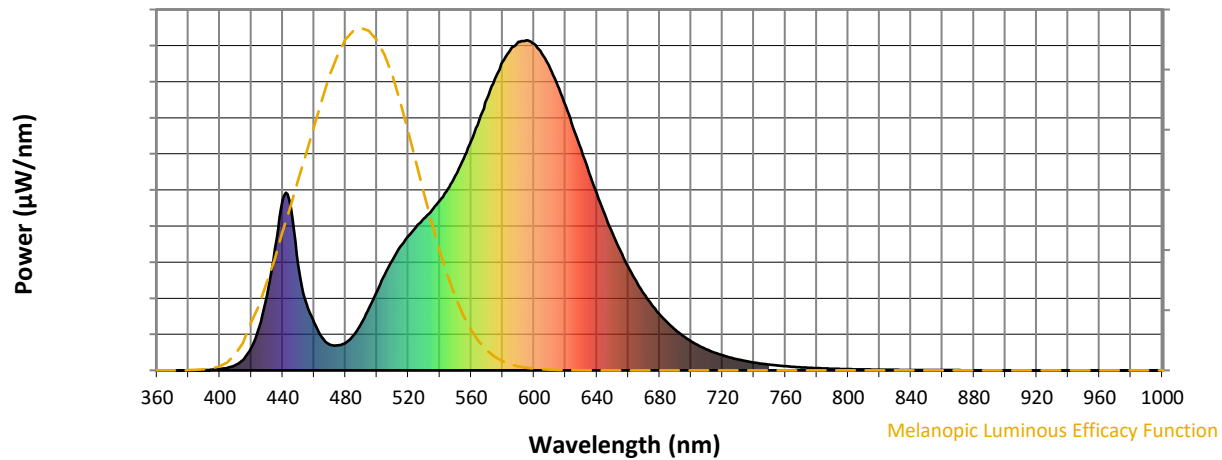
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



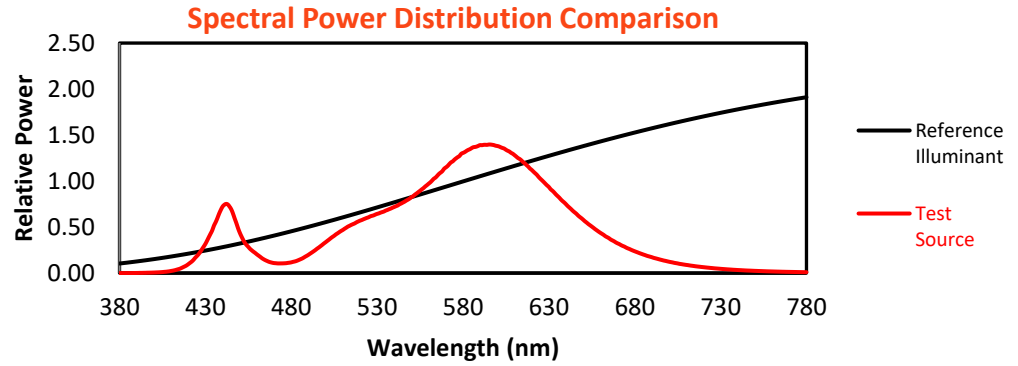
Melanopic Lumens: NR

M/P: 2.13

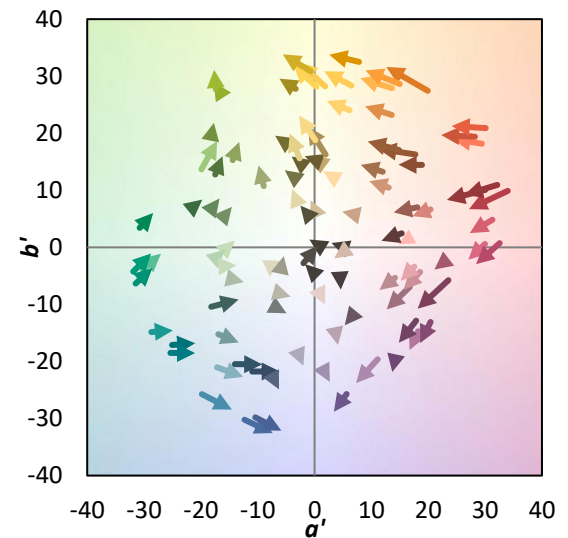
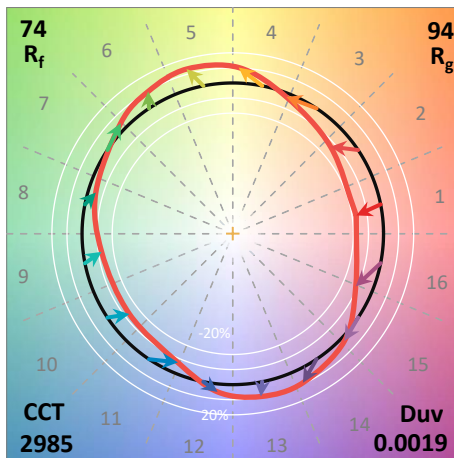
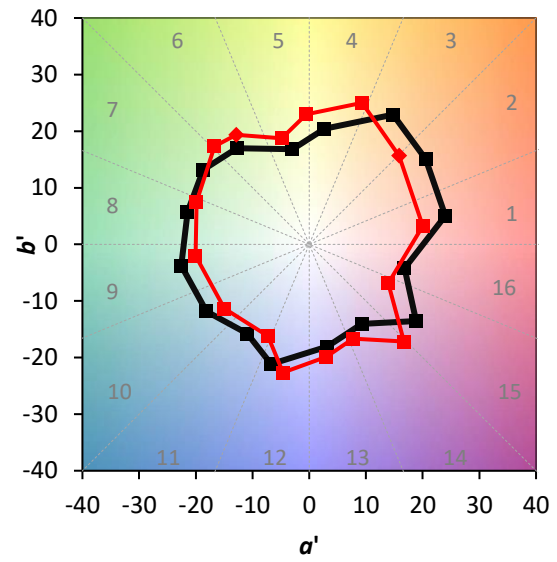
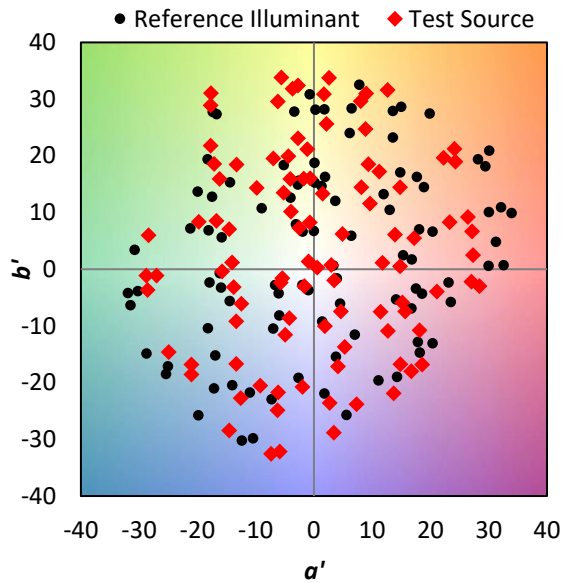
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $\text{CIE } R_a = 70.8$
 $R_g = -43.2$

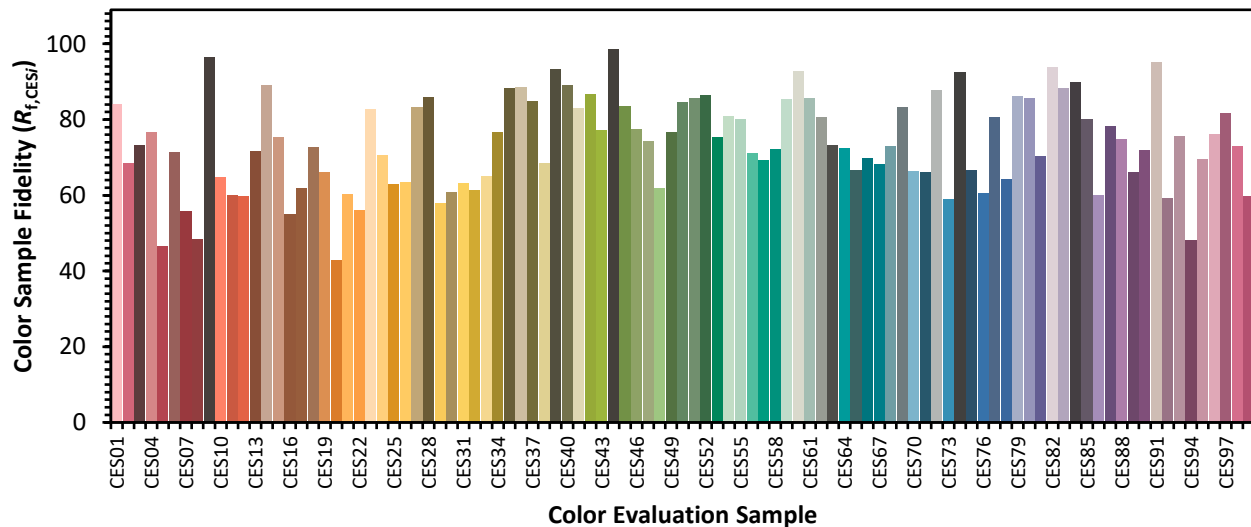


Color Vector Graphics

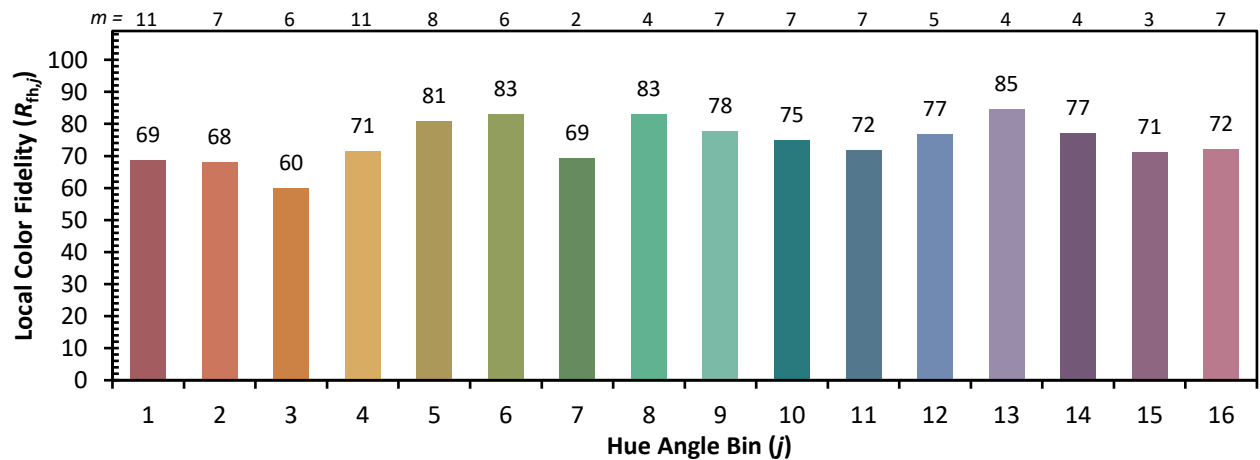
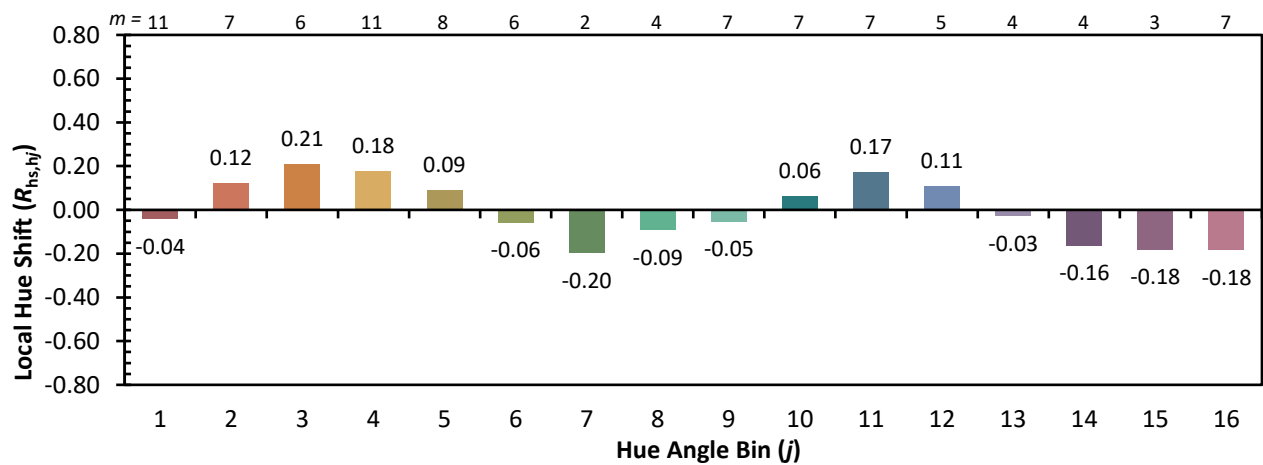
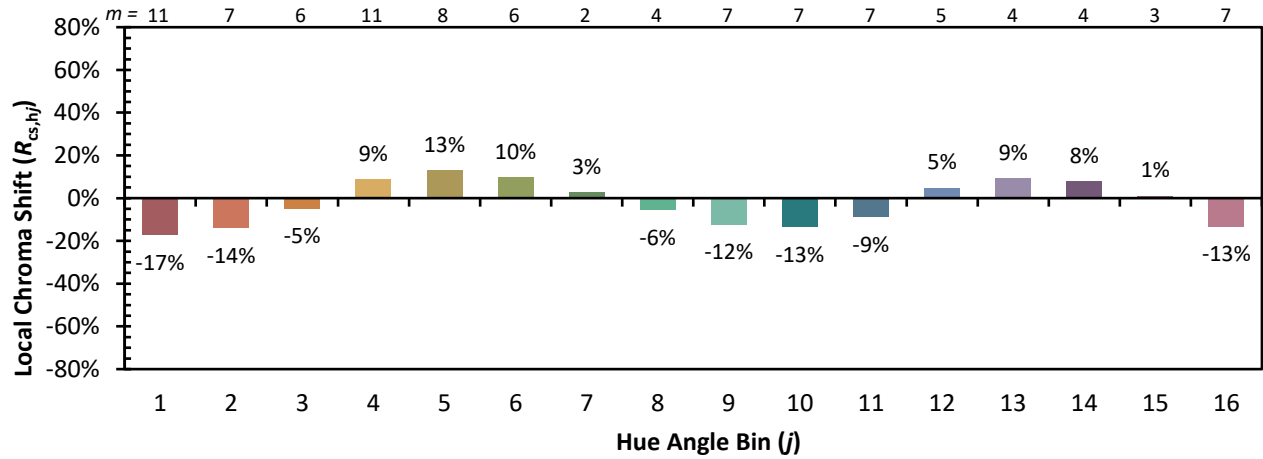


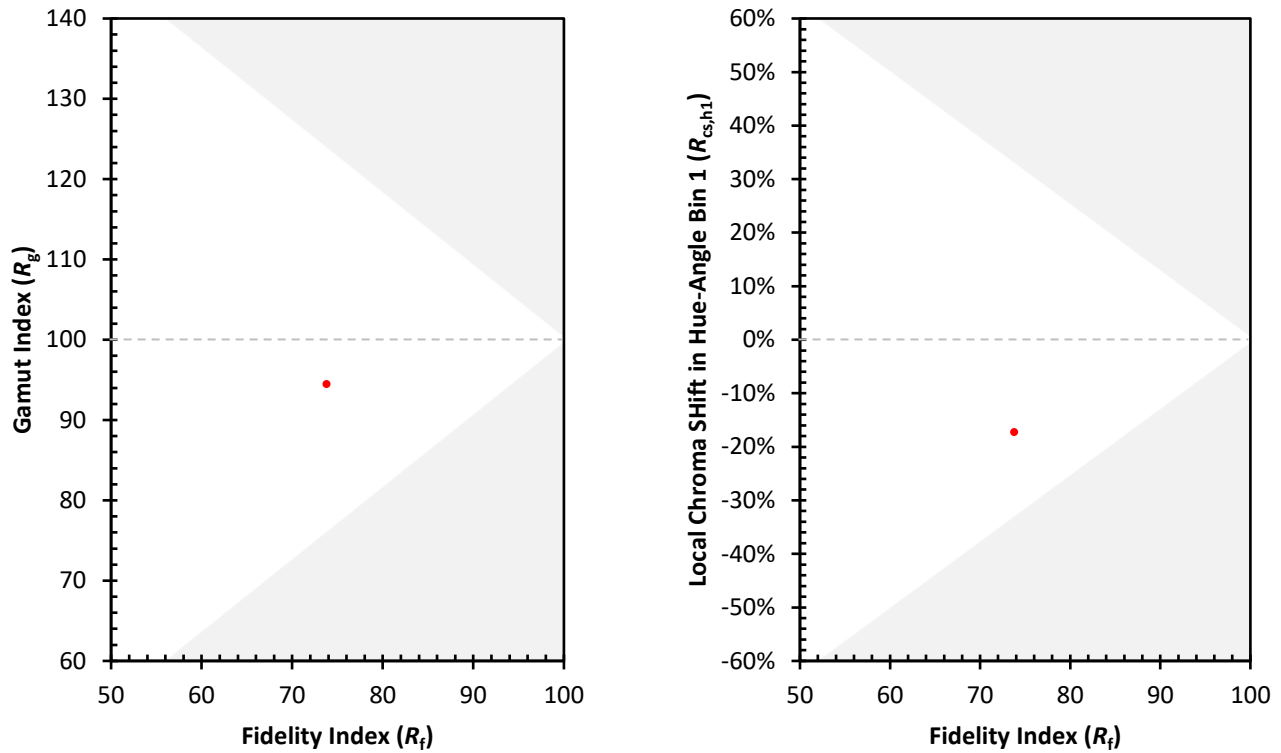
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)