

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: P1048086

Luminaire Tested: **GALN-SA8B-927-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048086
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-927-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22283.1 lumens
Efficiency: N/A
Efficacy: 78.8 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): 282.8
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



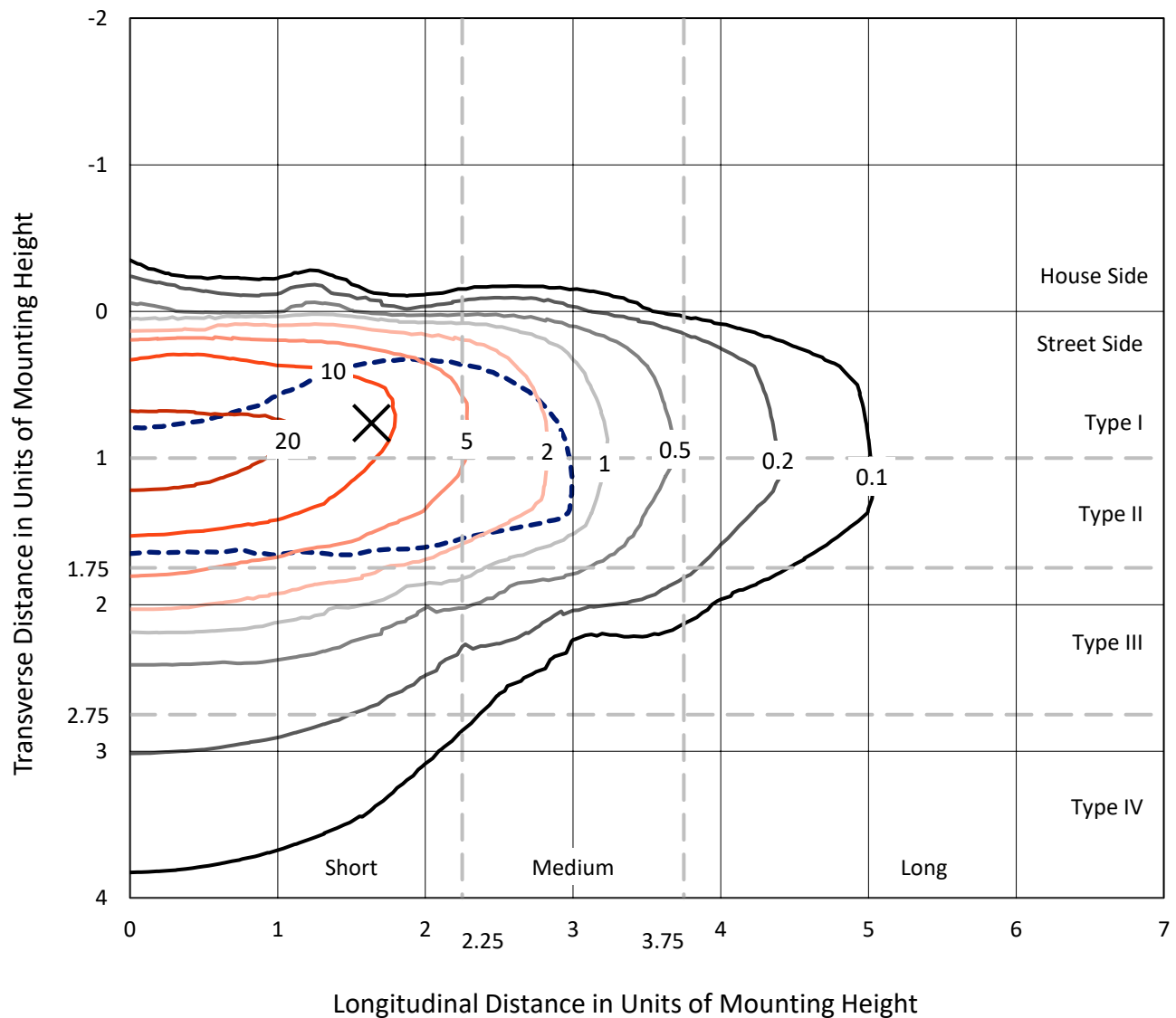
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CATALOG NUMBER: GALN-SA8B-927-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

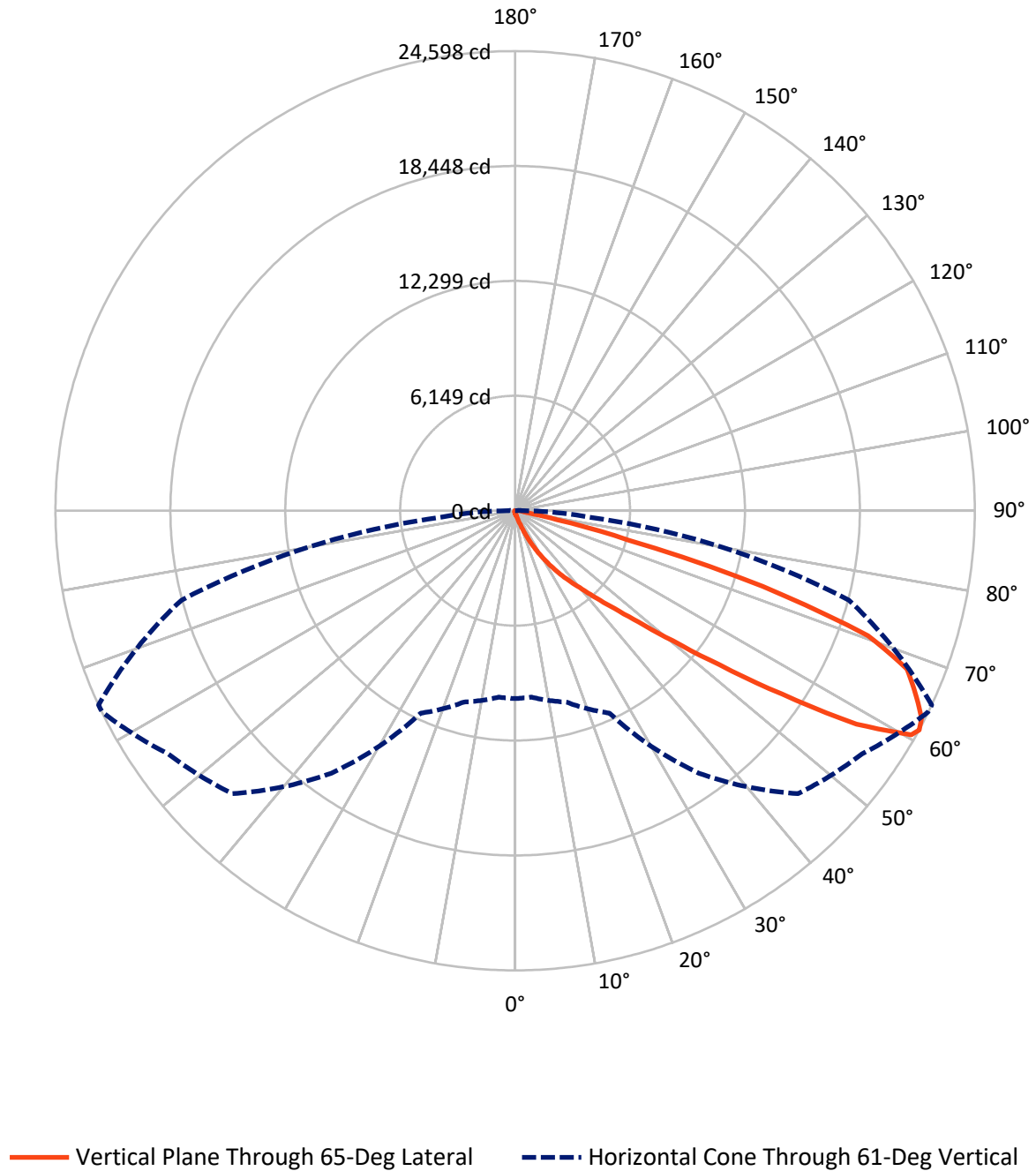


Based on 15 foot mounting height. Maximum calculated value = 29.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	95.1	0.0	95.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22188.0	0.0	22188.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	22283.1	0.0	22283.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.1
10°-20°	183.2	0.8
20°-30°	657.6	3.0
30°-40°	1750.8	7.9
40°-50°	4599.4	20.6
50°-60°	7125.3	32.0
60°-70°	5974.4	26.8
70°-80°	1758.2	7.9
80°-90°	216.9	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°	22283.1	100.0
0°-180°	22283.1	100.0



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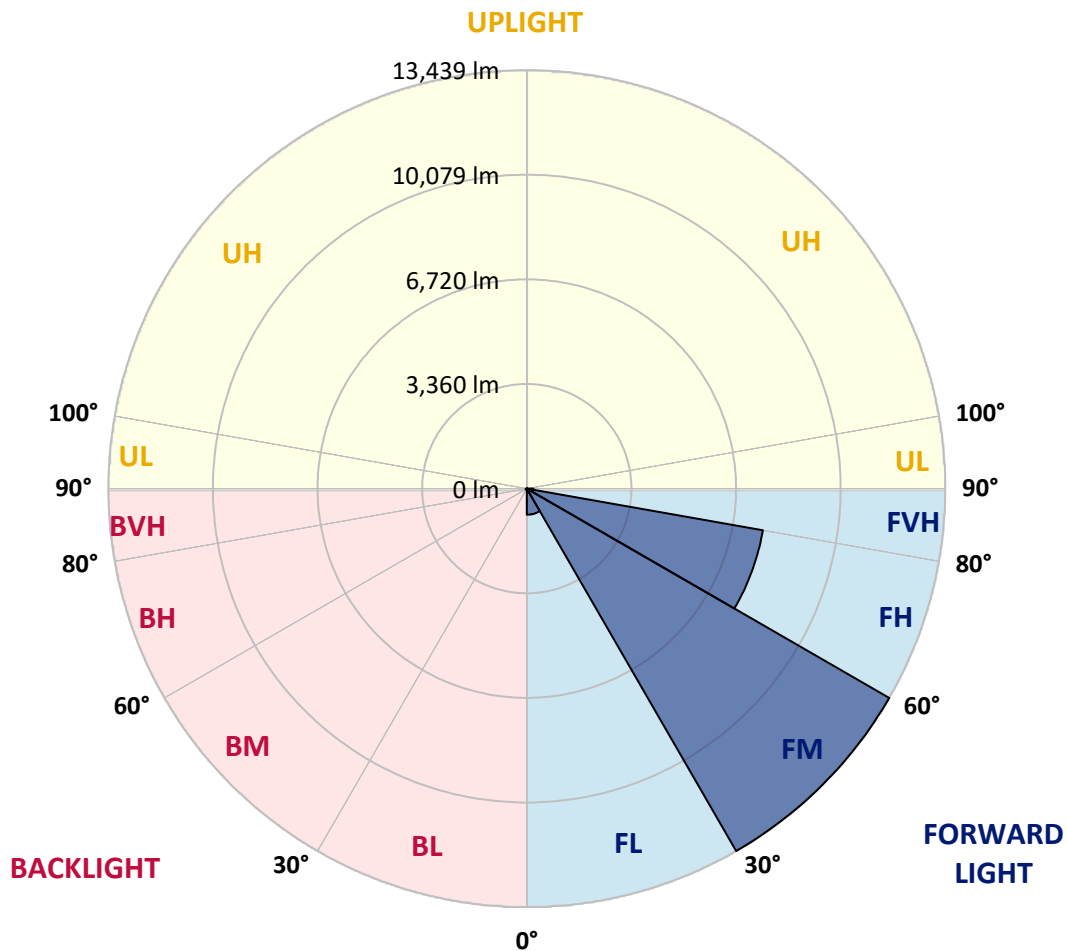
CATALOG NUMBER: GALN-SA8B-927-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	836.8	3.8			
FM	(30°-60°)	13439.3	60.3			
FH	(60°-80°)	7699.1	34.6			G4/12000
FVH	(80°-90°)	212.9	1.0			G2/225
BL	(0°-30°)	21.3	0.1	B0/110		
BM	(30°-60°)	36.2	0.2	B0/220		
BH	(60°-80°)	33.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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°	136.4	136.4	136.4	136.4	136.4	136.4	136.4	136.4	136.4	136.4	136.4
2.5°	165.5	167.1	164.0	157.9	153.3	153.3	151.8	147.2	147.2	142.6	139.5
5°	231.5	228.4	222.3	210.0	199.3	188.5	177.8	167.1	165.5	151.8	142.6
7.5°	378.6	381.7	361.8	323.4	291.2	249.9	211.5	188.5	185.5	162.5	144.1
10°	830.8	807.8	761.8	613.1	504.3	380.1	282.0	219.2	216.1	174.7	147.2
12.5°	1514.4	1496.1	1411.7	1258.5	978.0	680.6	412.3	271.3	262.1	185.5	148.7
15°	2182.8	2153.6	2107.7	1952.8	1624.8	1220.1	674.4	370.9	346.4	200.8	147.2
17.5°	2608.9	2613.5	2572.1	2506.2	2294.7	1805.7	1165.0	553.4	505.8	228.4	144.1
20°	2981.4	2970.6	2993.6	2958.4	2809.7	2454.1	1695.3	876.8	795.5	272.8	145.6
22.5°	3410.6	3436.6	3453.5	3445.8	3281.8	2978.3	2297.7	1312.1	1209.4	354.1	150.2
25°	3985.4	3982.3	3983.9	3963.9	3804.5	3467.3	2901.7	1853.2	1749.0	485.9	160.9
27.5°	4587.8	4606.2	4613.8	4541.8	4333.3	4002.2	3461.2	2444.9	2322.3	697.4	174.7
30°	5410.9	5395.6	5360.3	5213.2	4960.3	4549.5	4013.0	3065.7	2936.9	993.3	196.2
32.5°	6520.7	6503.8	6326.0	6001.1	5622.5	5119.7	4567.9	3688.0	3531.7	1362.7	225.3
35°	8349.4	8375.4	7938.6	7097.1	6418.0	5804.9	5182.5	4307.3	4169.3	1817.9	265.2
37.5°	11149.9	11007.3	10414.1	8927.3	7464.9	6660.2	5769.6	4932.7	4813.1	2379.0	317.3
40°	13870.7	13729.7	13558.0	12149.3	9284.4	7602.9	6591.2	5666.9	5512.1	3012.0	393.9
42.5°	16731.0	16652.8	16645.1	15582.9	12604.5	9085.1	7579.9	6526.8	6395.0	3706.4	519.6
45°	18757.4	18679.2	18843.2	19028.7	17126.4	12261.2	9301.3	7644.3	7452.7	4549.5	720.4
47.5°	19030.2	19033.3	19471.7	20052.6	20486.4	17173.9	11594.4	9125.0	8892.0	5755.8	1057.7
50°	18122.8	18158.0	18855.5	19894.7	21062.8	21295.8	15638.0	11274.0	10929.2	7186.0	1535.9
52.5°	16395.3	16435.1	17406.9	19116.1	20532.4	22286.0	20399.0	14085.3	13688.3	8970.2	2210.4
55°	14839.4	14864.0	15978.3	18138.1	19893.2	21747.9	23225.6	17839.2	17318.0	11165.2	2875.6
57.5°	13298.9	13242.2	13967.2	16439.7	19784.4	21087.3	23642.5	22117.4	21542.5	13564.1	3393.7
60°	11238.8	11143.7	11726.2	13298.9	18352.7	21521.1	22862.3	24484.1	24353.8	16904.2	3793.8
61°	10053.9	10014.0	10599.6	11948.5	17147.9	21410.7	22675.3	24583.7	24597.5	18484.5	3973.1
62.5°	7179.8	7293.3	8188.4	9942.0	14362.7	20694.9	22699.8	24275.6	24412.0	20584.5	4437.6
65°	3191.4	3373.8	4069.7	5496.8	8352.4	17215.3	22482.2	23599.6	23532.2	21160.9	6037.9
67.5°	1893.1	1920.6	2267.1	3114.7	4423.8	9259.9	19839.6	22706.0	22615.5	18421.7	7512.5
70°	1491.5	1505.2	1615.6	1954.4	2567.5	3547.0	11323.1	19644.9	20038.8	14937.5	7354.6
72.5°	1414.8	1411.7	1427.1	1486.9	1617.1	1759.7	4383.9	13058.3	13859.9	10757.5	6166.6
75°	1396.4	1390.3	1375.0	1352.0	1171.1	1036.2	1358.1	5775.7	6240.2	7350.0	4643.0
77.5°	1355.0	1356.6	1359.6	1296.8	1004.0	732.7	657.6	1853.2	2279.3	4664.4	3300.2
80°	916.6	930.4	953.4	928.9	902.8	530.4	464.5	659.1	668.3	2618.1	2179.7
82.5°	464.5	464.5	453.7	404.7	349.5	344.9	369.4	478.2	484.4	1324.4	1025.5
85°	280.5	295.8	302.0	274.4	251.4	231.5	282.0	380.1	393.9	513.5	239.1
87.5°	62.8	64.4	70.5	93.5	136.4	185.5	262.1	348.0	354.1	329.6	29.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048086

CATALOG NUMBER: GALN-SA8B-927-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	136.4	136.4	136.4	136.4	136.4	136.4	136.4	136.4	136.4	136.4	136.4
2.5°	138.0	134.9	133.4	128.8	124.2	119.6	116.5	115.0	116.5	118.0	118.0
5°	136.4	131.8	124.2	116.5	110.4	104.2	98.1	96.6	96.6	98.1	98.1
7.5°	136.4	128.8	118.0	108.8	99.6	90.4	85.8	82.8	84.3	84.3	84.3
10°	136.4	127.2	113.4	99.6	88.9	78.2	70.5	67.4	67.4	67.4	67.4
12.5°	134.9	125.7	108.8	92.0	76.6	64.4	55.2	50.6	52.1	52.1	52.1
15°	131.8	121.1	102.7	78.2	61.3	49.1	39.9	35.3	36.8	39.9	41.4
17.5°	127.2	116.5	92.0	65.9	49.1	36.8	27.6	24.5	26.1	30.7	30.7
20°	125.7	111.9	81.2	53.6	36.8	26.1	18.4	15.3	16.9	23.0	24.5
22.5°	125.7	108.8	73.6	44.5	27.6	16.9	10.7	6.1	6.1	10.7	10.7
25°	127.2	107.3	67.4	36.8	19.9	12.3	6.1	3.1	6.1	16.9	19.9
27.5°	130.3	105.8	64.4	30.7	15.3	10.7	4.6	10.7	18.4	18.4	18.4
30°	133.4	102.7	59.8	26.1	13.8	7.7	7.7	15.3	15.3	18.4	19.9
32.5°	138.0	101.2	56.7	23.0	10.7	6.1	10.7	9.2	9.2	10.7	12.3
35°	147.2	102.7	53.6	23.0	10.7	7.7	9.2	4.6	3.1	3.1	3.1
37.5°	159.4	104.2	49.1	19.9	9.2	9.2	4.6	0.0	0.0	0.0	0.0
40°	179.3	108.8	46.0	18.4	7.7	7.7	1.5	0.0	0.0	0.0	0.0
42.5°	213.1	118.0	44.5	16.9	7.7	6.1	0.0	0.0	0.0	0.0	0.0
45°	280.5	139.5	41.4	15.3	7.7	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	403.1	190.1	39.9	12.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	588.6	257.5	38.3	10.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	751.1	271.3	26.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	769.5	187.0	19.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	613.1	121.1	16.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	464.5	92.0	15.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	446.1	82.8	15.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	492.0	72.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	800.1	59.8	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1390.3	52.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1756.6	49.1	9.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1531.3	44.5	9.2	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	921.2	38.3	9.2	6.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	482.8	29.1	9.2	7.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0
80°	234.5	26.1	10.7	7.7	6.1	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	92.0	21.5	12.3	10.7	7.7	4.6	1.5	0.0	0.0	0.0	0.0
85°	41.4	18.4	13.8	12.3	10.7	6.1	1.5	0.0	0.0	0.0	0.0
87.5°	21.5	16.9	15.3	13.8	10.7	7.7	3.1	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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

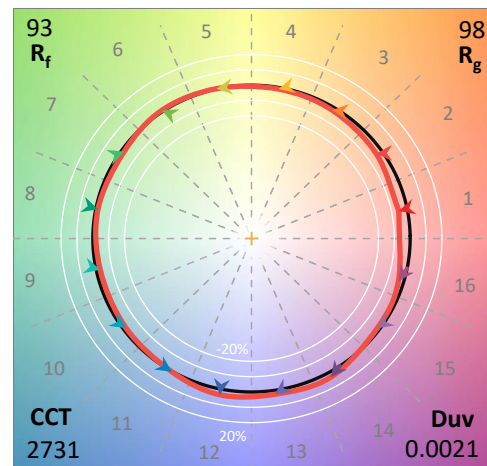
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

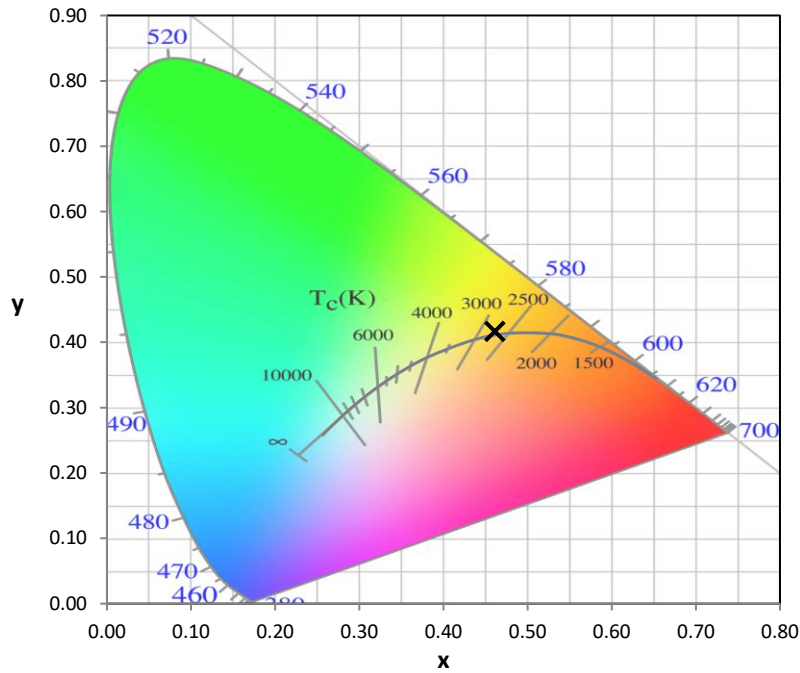
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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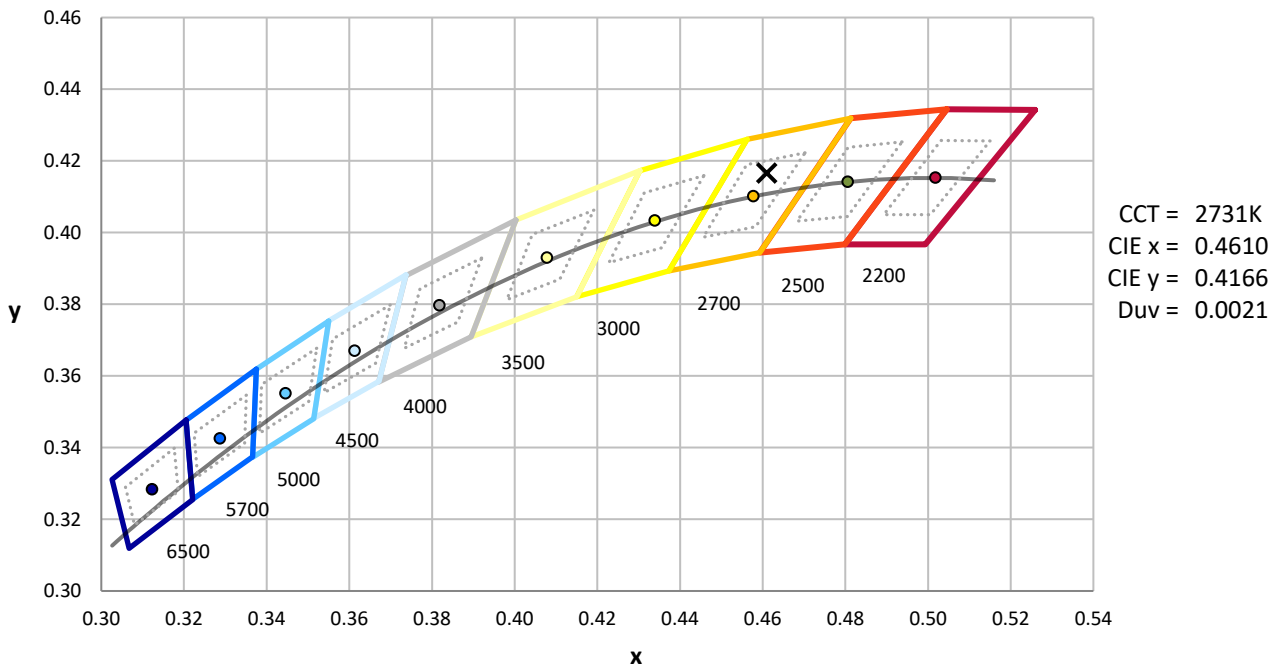
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



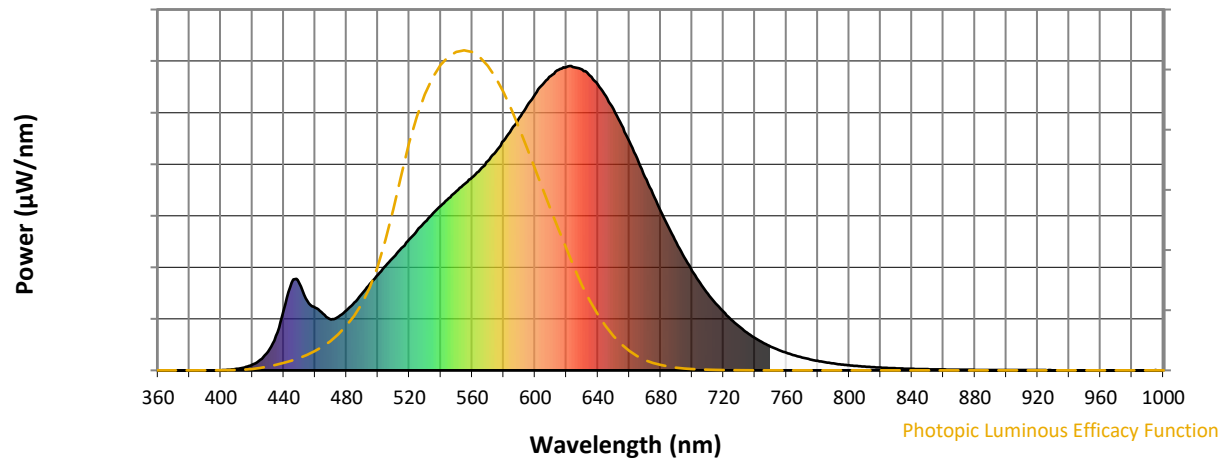
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

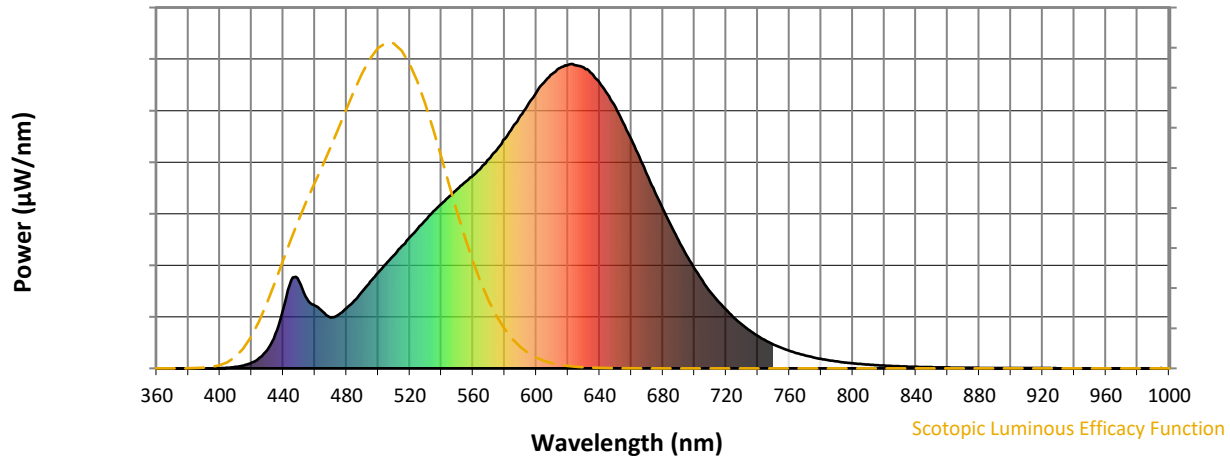


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



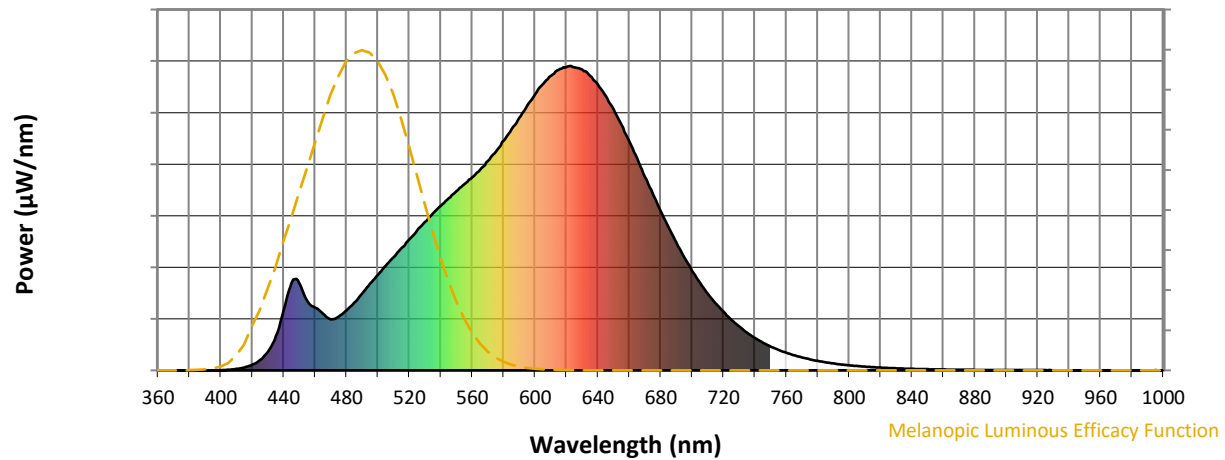
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

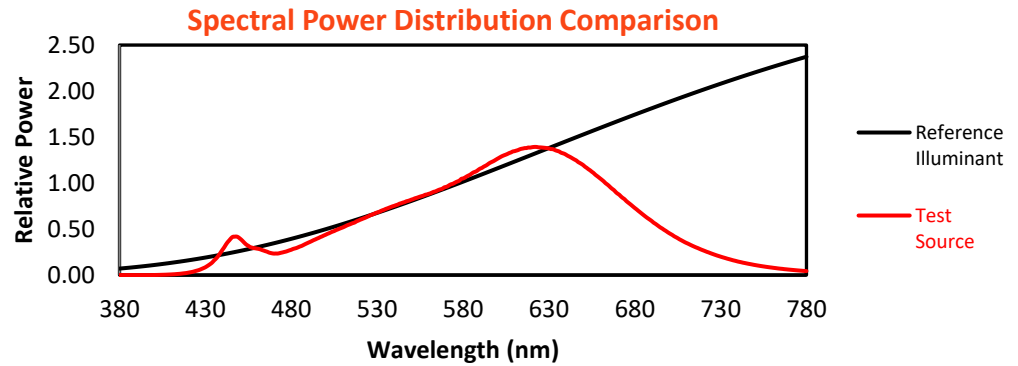
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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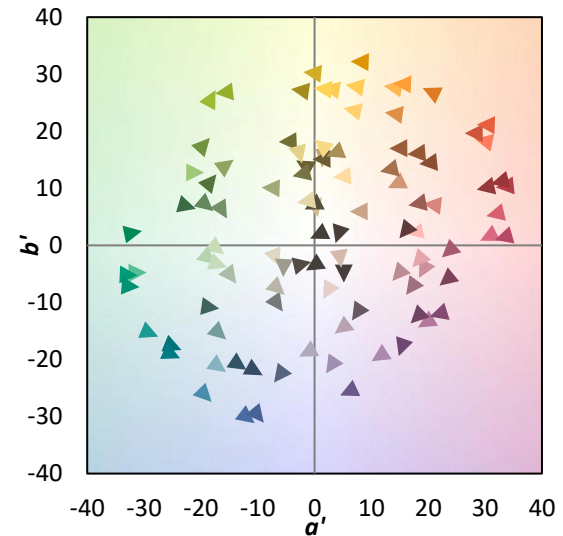
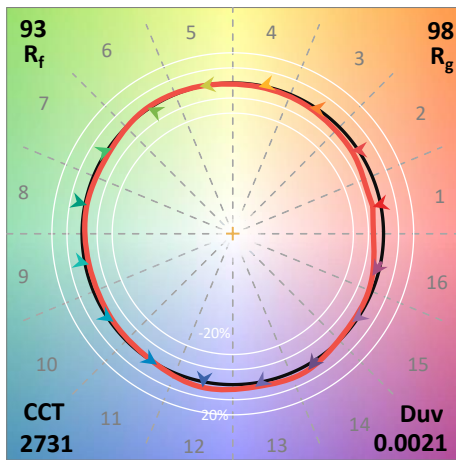
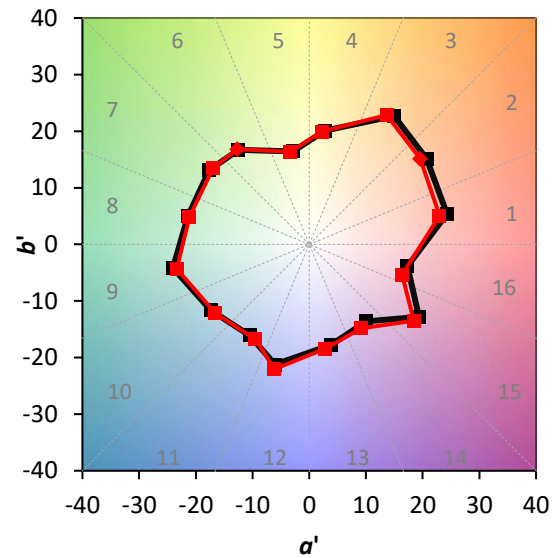
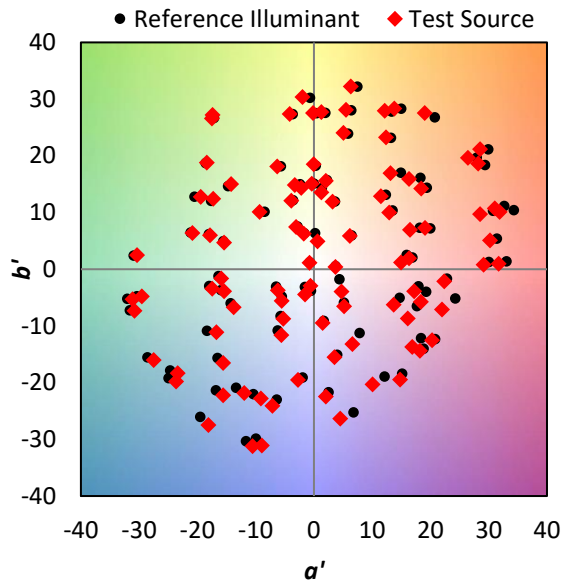
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

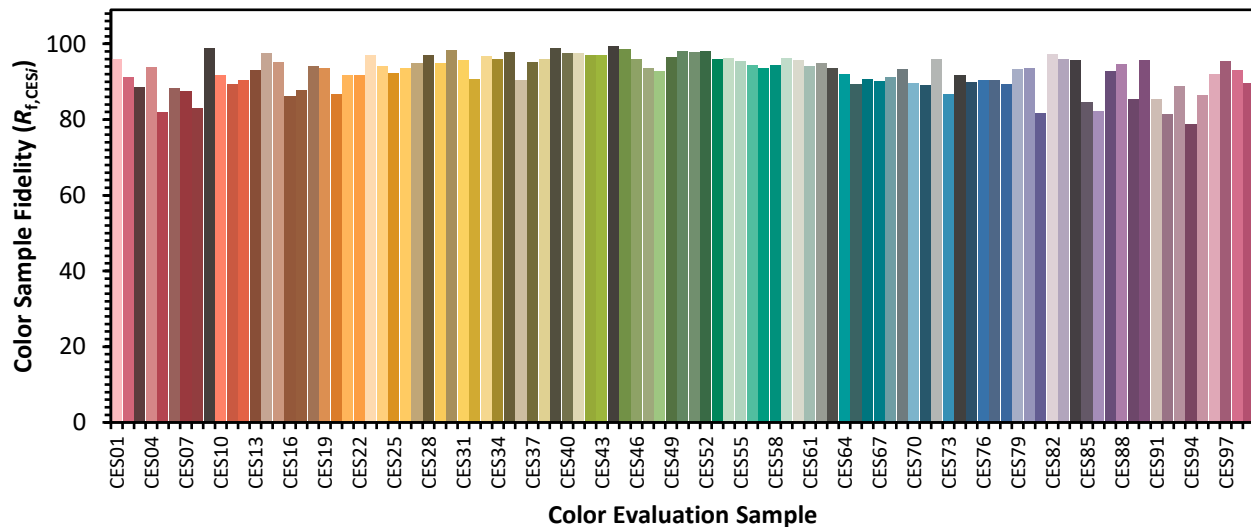


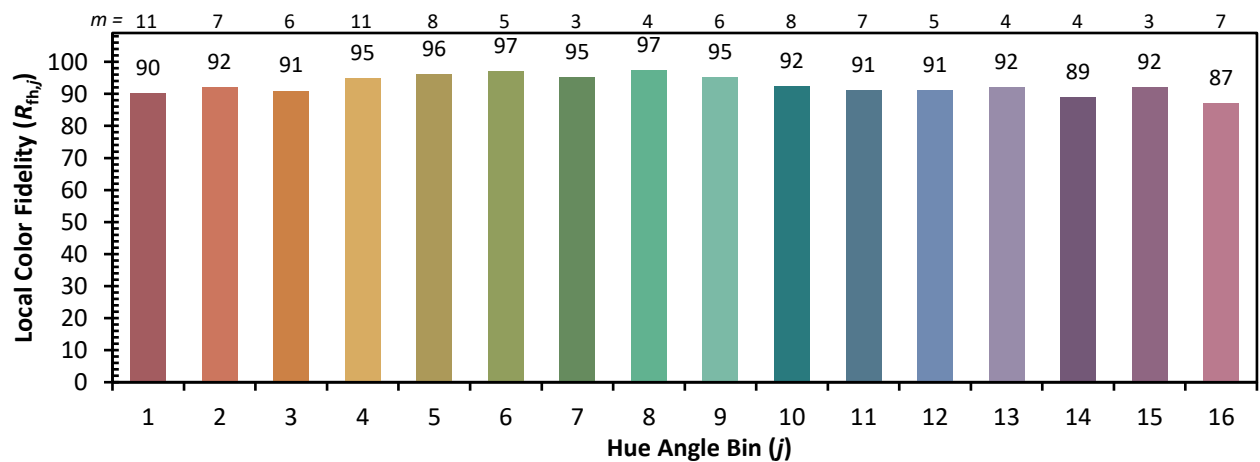
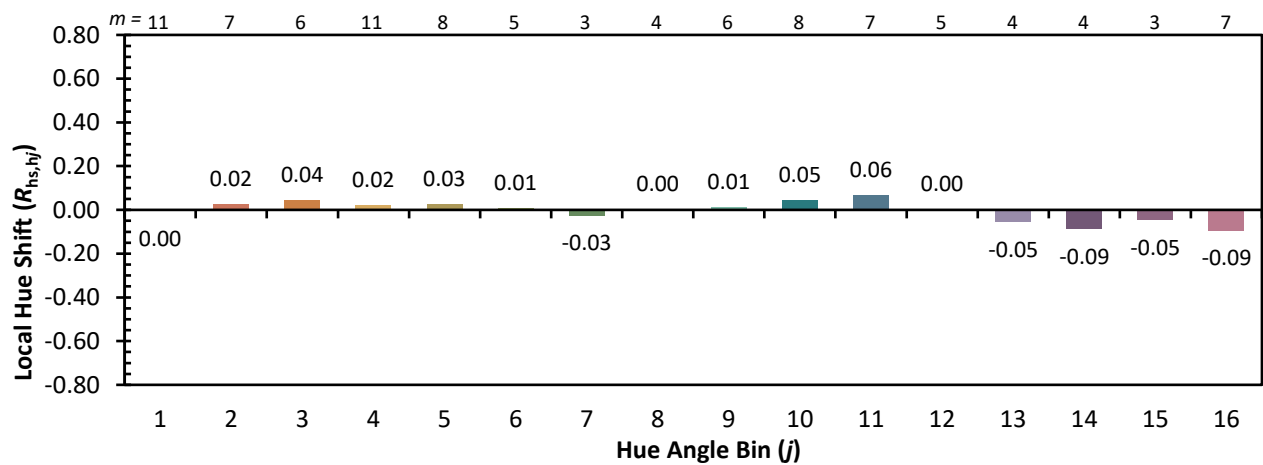
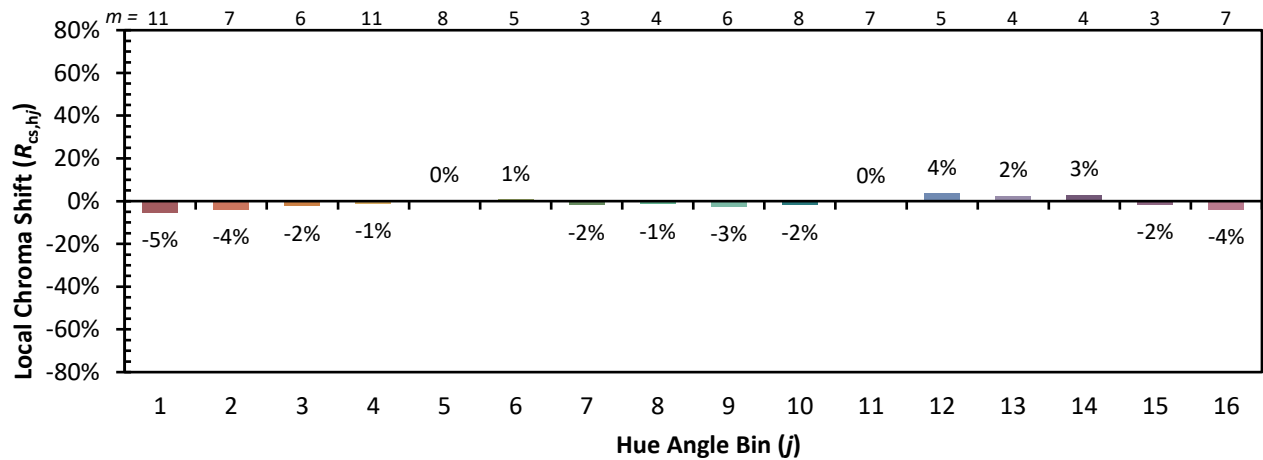
Color Vector Graphics



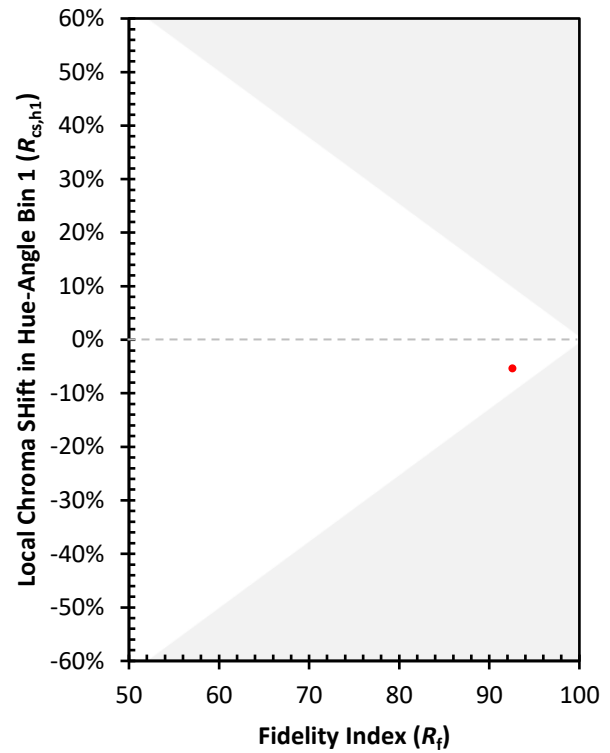
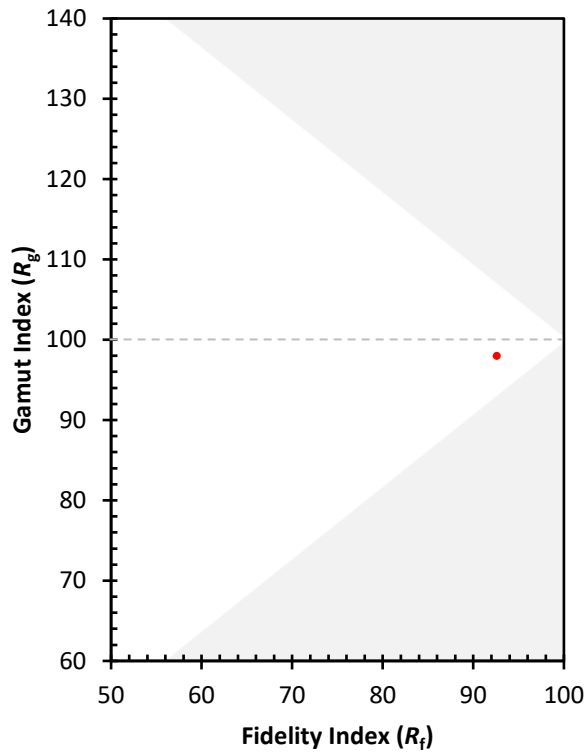
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)