

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: P1048493

Luminaire Tested: **GALN-SA2A-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048493
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6380.1 lumens
Efficiency: N/A
Efficacy: 114.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 55.8
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

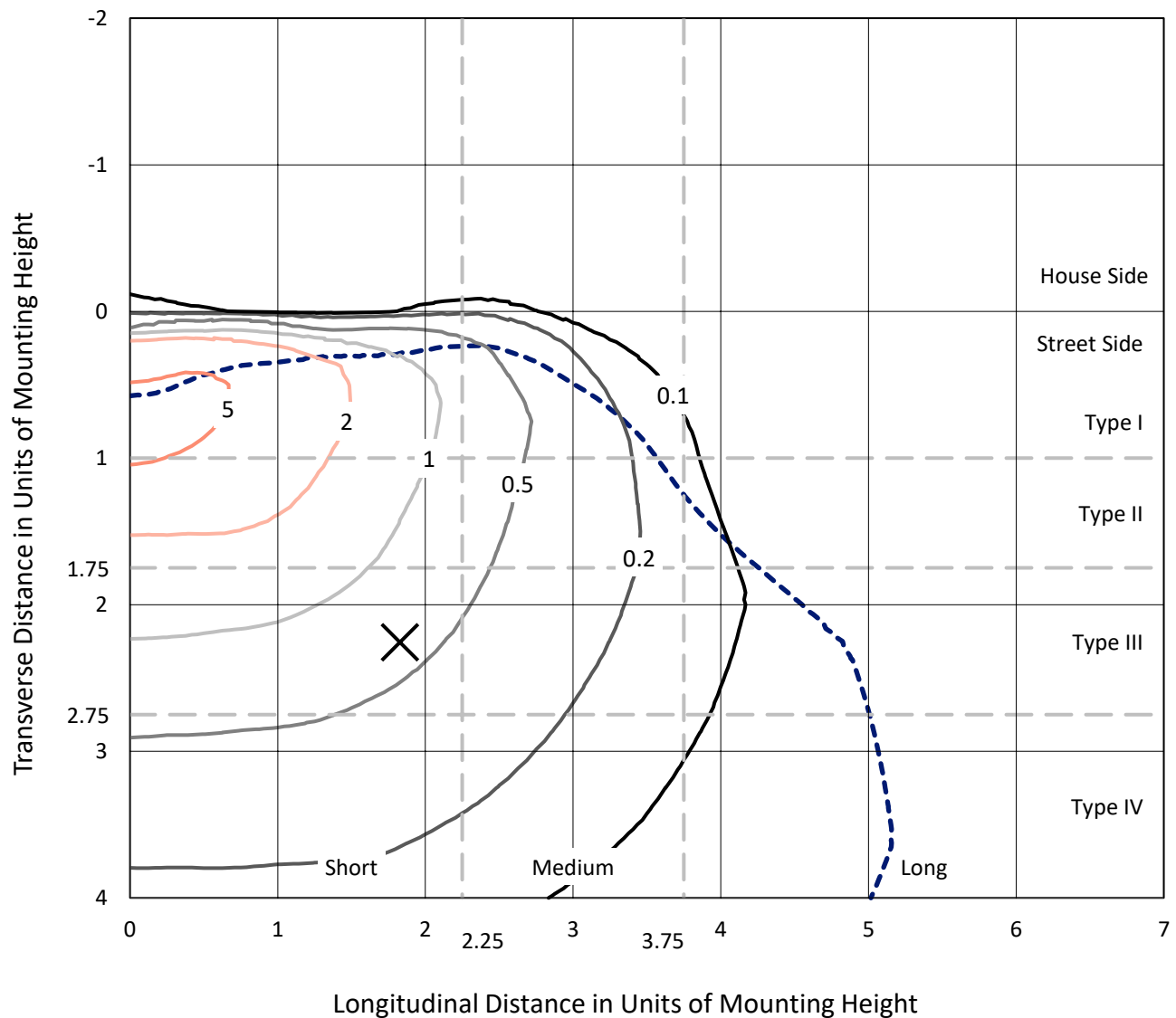


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

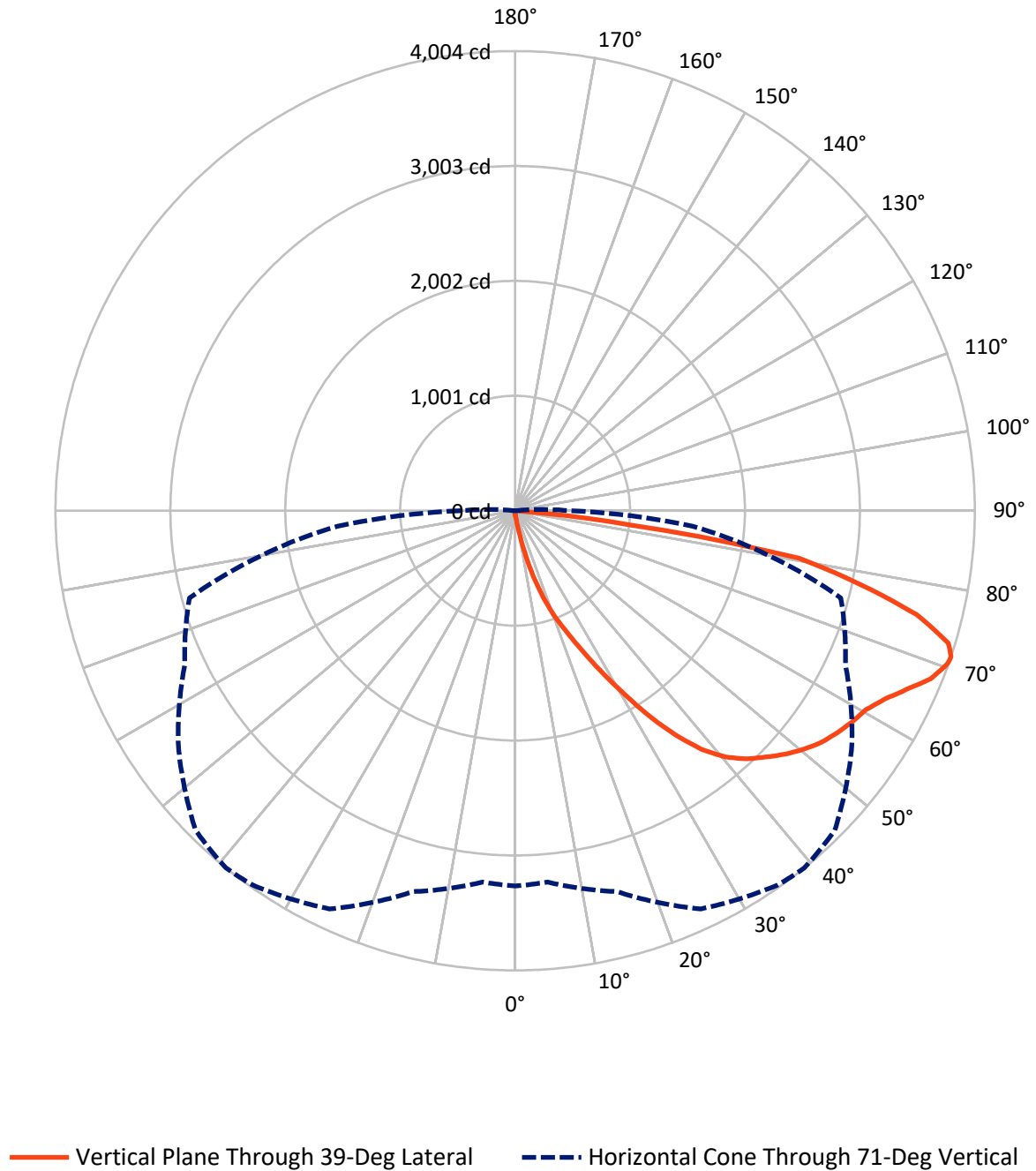


Based on 15 foot mounting height. Maximum calculated value = 6.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.7	0.0	22.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6357.4	0.0	6357.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	6380.1	0.0	6380.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.3	0.1
10°-20°	68.2	1.1
20°-30°	242.8	3.8
30°-40°	585.3	9.2
40°-50°	979.5	15.4
50°-60°	1258.0	19.7
60°-70°	1592.1	25.0
70°-80°	1419.4	22.2
80°-90°	229.4	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°	6380.1	100.0
0°-180°	6380.1	100.0



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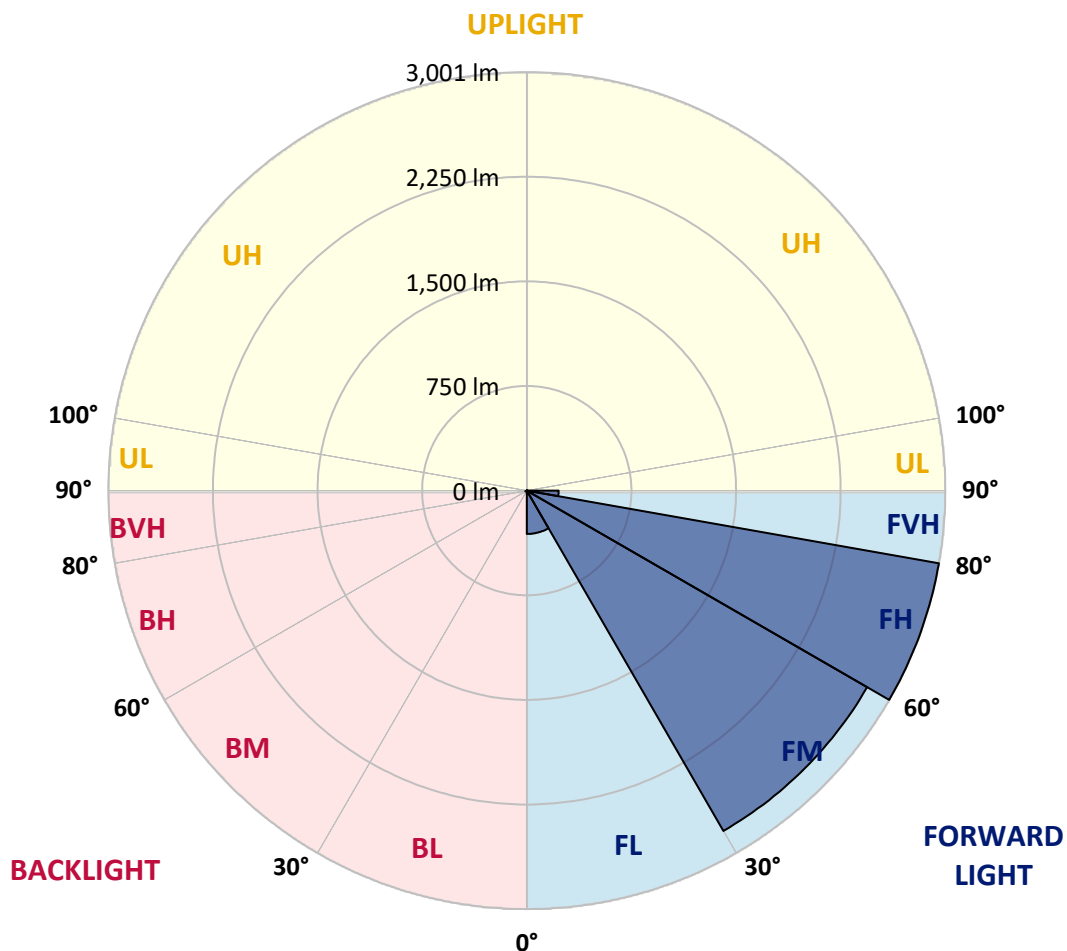
CATALOG NUMBER: GALN-SA2A-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	310.9	4.9			
FM	(30°-60°)	2817.6	44.2			
FH	(60°-80°)	3000.6	47.0			G2/5000
FVH	(80°-90°)	228.4	3.6			G3/500
BL	(0°-30°)	5.5	0.1	B0/110		
BM	(30°-60°)	5.3	0.1	B0/220		
BH	(60°-80°)	10.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
2.5°	40.2	40.2	40.2	38.9	38.9	38.4	38.0	38.0	37.1	36.7	35.8
5°	60.9	59.6	56.6	54.9	51.4	49.2	47.1	44.1	41.0	38.9	36.3
7.5°	137.8	140.8	130.9	112.3	93.3	85.1	71.3	57.4	47.5	41.0	36.7
10°	351.1	349.4	315.7	278.6	215.1	189.6	148.6	93.7	61.3	44.9	37.1
12.5°	597.3	595.6	555.9	505.3	421.5	368.4	290.7	174.9	88.1	51.0	37.1
15°	804.2	797.3	784.8	734.7	636.6	592.1	489.3	309.2	142.5	61.3	38.0
17.5°	941.1	935.1	923.4	905.3	843.1	790.4	707.9	485.9	230.6	79.5	39.7
20°	1066.8	1062.5	1053.0	1049.5	1009.3	981.3	913.0	688.9	359.3	108.0	42.3
22.5°	1239.5	1230.5	1234.4	1213.6	1174.3	1140.6	1098.8	901.4	516.6	155.5	47.1
25°	1451.2	1446.9	1436.1	1421.4	1367.0	1337.6	1273.2	1101.8	692.3	217.7	52.3
27.5°	1706.9	1702.1	1699.5	1665.8	1603.2	1571.2	1481.4	1290.9	890.1	304.9	59.2
30°	2001.4	2003.6	1986.7	1943.5	1870.6	1825.6	1733.2	1489.2	1092.7	407.3	66.5
32.5°	2306.3	2302.0	2276.1	2225.1	2159.9	2118.0	2000.6	1706.4	1305.2	542.5	75.2
35°	2635.0	2626.8	2558.6	2500.3	2444.5	2391.9	2284.7	1958.7	1517.7	694.1	86.8
37.5°	2966.7	2928.3	2791.4	2717.5	2679.1	2635.9	2536.1	2227.7	1728.9	863.4	101.1
40°	3217.2	3187.4	3025.0	2889.0	2858.3	2821.6	2747.3	2460.1	1953.5	1045.2	118.3
42.5°	3355.9	3339.4	3193.5	3059.1	2987.0	2954.6	2891.1	2663.1	2175.5	1246.0	143.4
45°	3415.0	3389.5	3291.9	3229.3	3114.4	3060.9	2985.3	2816.4	2407.4	1474.1	178.4
47.5°	3396.9	3382.2	3312.2	3335.1	3251.8	3168.4	3057.4	2933.9	2605.6	1735.8	226.3
50°	3282.9	3270.3	3248.7	3372.7	3362.3	3263.9	3150.7	3026.7	2767.6	2005.7	300.6
52.5°	3066.0	3060.9	3116.1	3343.3	3425.0	3348.1	3240.5	3108.8	2918.8	2287.8	406.8
55°	2786.6	2807.8	2965.8	3297.5	3456.9	3410.3	3320.0	3185.7	3040.1	2540.0	563.6
57.5°	2671.7	2677.3	2874.7	3265.2	3471.2	3465.1	3397.3	3259.1	3151.6	2741.7	802.9
60°	2806.0	2797.4	2901.5	3289.8	3499.7	3514.4	3466.0	3327.3	3248.3	2914.9	1121.6
62.5°	3048.8	3044.0	3077.3	3394.7	3583.0	3612.8	3561.4	3376.6	3333.8	3028.9	1485.3
65°	3265.6	3255.7	3317.4	3580.9	3729.4	3750.6	3705.7	3460.8	3371.4	3111.8	1826.9
67.5°	3359.3	3357.1	3456.5	3758.0	3883.2	3906.1	3866.8	3577.0	3362.8	3138.2	1977.7
70°	3316.6	3308.3	3467.3	3833.1	3970.0	3995.9	3957.9	3620.2	3269.0	3054.8	1754.4
71°	3269.5	3247.4	3434.9	3827.9	3982.1	4004.1	3937.6	3580.9	3174.9	2936.5	1551.8
72.5°	3123.5	3127.4	3345.9	3773.9	3953.2	3946.7	3822.7	3440.1	3061.3	2667.8	1246.5
75°	2764.2	2787.0	3057.8	3547.2	3694.9	3612.4	3422.8	3171.0	2833.3	1912.9	865.5
77.5°	2258.8	2293.0	2590.5	3111.0	3069.1	3060.9	3053.1	2794.0	2419.5	1027.5	602.1
80°	1078.5	1152.3	1562.6	2220.8	2412.6	2505.4	2447.1	2251.5	1871.0	489.3	359.8
82.5°	70.4	69.5	98.5	186.6	786.5	1016.7	1615.3	1609.3	1304.3	238.4	146.8
85°	33.3	34.1	37.6	42.8	49.7	54.4	75.2	440.5	624.1	113.6	32.0
87.5°	19.4	19.9	23.3	29.8	38.9	43.2	51.4	66.1	81.2	62.6	6.9
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-SA2A-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
2.5°	35.4	35.0	33.7	32.4	31.1	30.2	29.8	30.2	30.2	30.7	30.7
5°	35.4	34.1	32.0	29.4	27.6	25.9	25.1	24.6	25.1	25.1	25.1
7.5°	35.0	32.8	29.8	26.8	24.6	22.5	21.6	21.2	21.2	21.6	21.6
10°	34.1	32.0	28.1	24.6	22.0	19.4	18.1	16.8	16.8	16.8	17.3
12.5°	33.7	30.7	25.9	22.5	19.0	16.0	13.4	12.1	12.5	12.5	12.5
15°	32.8	29.4	24.6	20.3	16.0	12.1	9.9	8.6	9.1	9.5	9.1
17.5°	32.8	28.9	22.9	17.7	12.5	9.1	7.3	6.5	6.5	6.9	6.9
20°	32.8	28.1	21.6	15.1	9.5	6.9	5.2	4.8	4.8	5.6	6.0
22.5°	33.7	28.1	19.9	12.5	7.8	5.2	3.9	3.5	3.9	4.8	5.2
25°	35.0	27.6	18.1	11.2	6.5	3.9	3.0	2.2	2.6	3.5	3.9
27.5°	36.3	27.2	16.4	9.9	5.2	3.0	2.2	1.7	1.3	1.7	1.7
30°	37.6	27.2	14.7	8.2	4.3	2.2	1.3	0.9	0.4	0.0	0.0
32.5°	38.4	26.3	13.4	6.5	3.5	1.7	0.9	0.4	0.0	0.0	0.0
35°	39.3	25.5	11.7	5.2	2.6	1.3	0.4	0.0	0.0	0.0	0.0
37.5°	40.2	24.2	9.9	4.3	2.2	0.9	0.0	0.0	0.0	0.0	0.0
40°	41.0	22.5	8.2	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	41.9	21.2	6.9	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	44.1	20.3	5.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	47.9	19.4	5.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	53.6	18.6	4.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	61.3	18.1	4.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	75.2	17.7	3.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	98.9	17.3	3.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	151.6	16.4	3.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	270.8	16.0	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	472.1	16.4	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	676.8	17.3	3.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	579.2	15.1	3.0	1.7	0.9	0.4	0.0	0.0	0.0	0.0	0.0
71°	472.1	13.4	3.0	1.7	0.9	0.4	0.4	0.0	0.0	0.0	0.0
72.5°	303.6	10.4	2.6	1.7	0.9	0.9	0.4	0.0	0.0	0.0	0.0
75°	128.3	8.6	2.6	1.7	1.3	0.9	0.9	0.4	0.0	0.0	0.0
77.5°	54.9	6.5	2.6	2.2	1.7	1.3	1.3	0.9	0.4	0.0	0.0
80°	20.7	5.2	3.0	2.6	2.2	2.2	1.7	0.9	0.4	0.0	0.0
82.5°	9.5	4.3	3.0	2.6	2.6	2.2	1.7	1.3	0.9	0.0	0.0
85°	6.0	3.9	3.0	2.6	2.6	2.2	2.2	1.3	0.9	0.0	0.0
87.5°	4.8	3.9	3.0	3.0	2.6	2.6	1.7	1.3	0.4	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

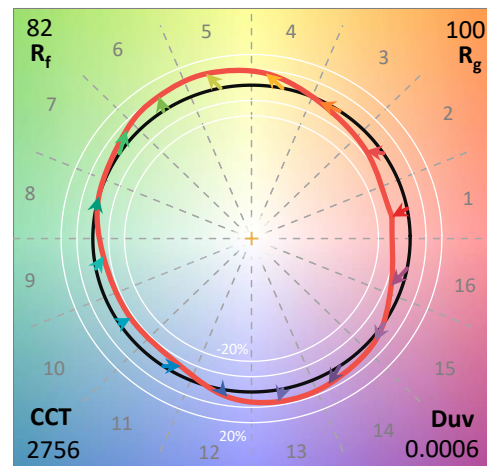
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 Rf: 82.2
 Rg: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

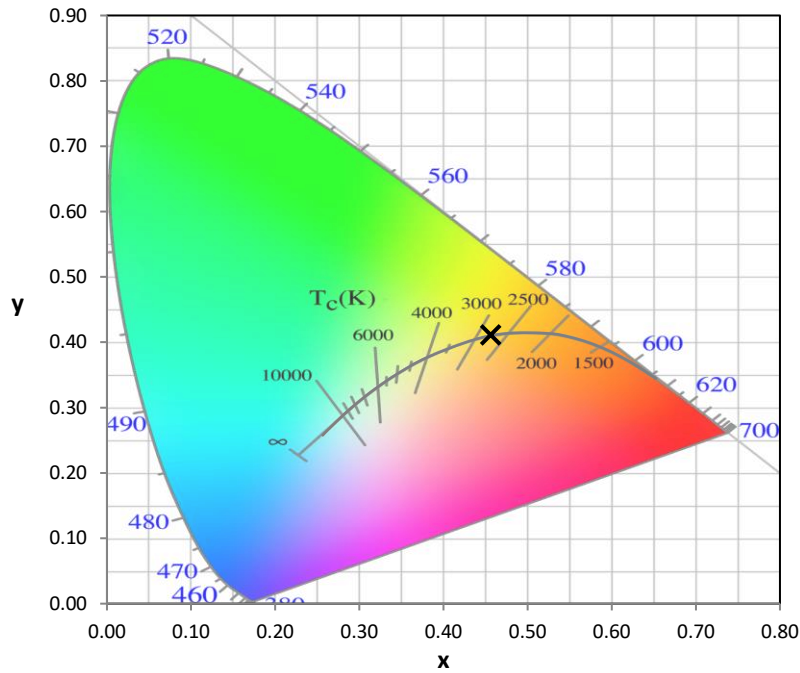
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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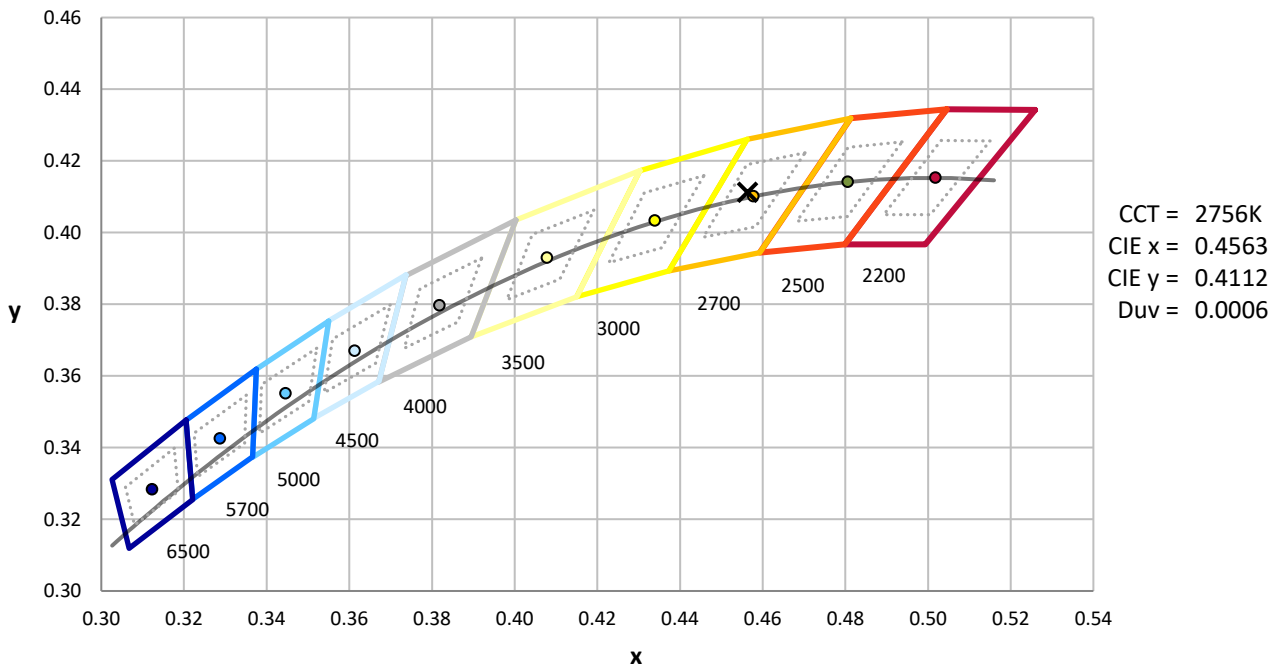
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



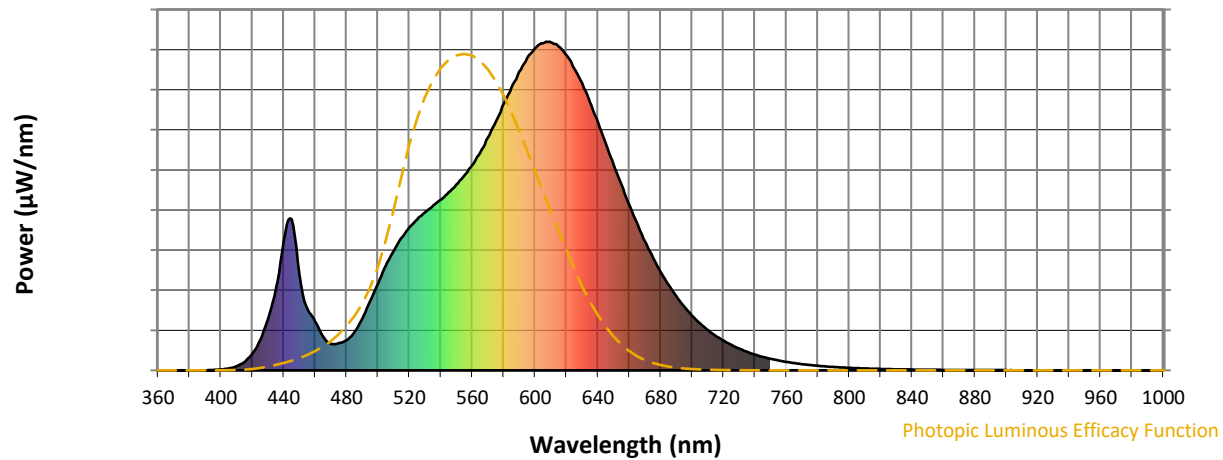
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

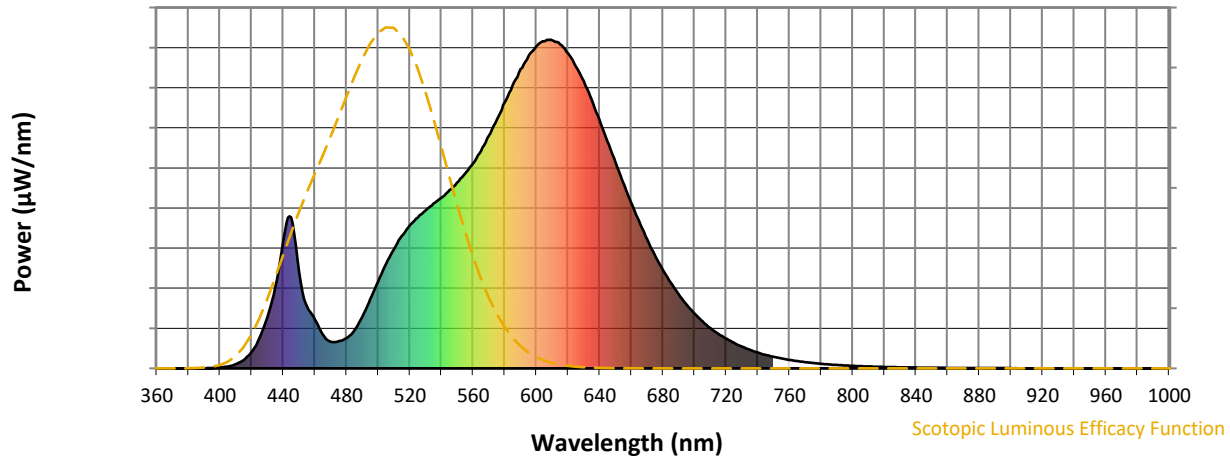


Photopic Lumens: NR

λ (nm)	Power 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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



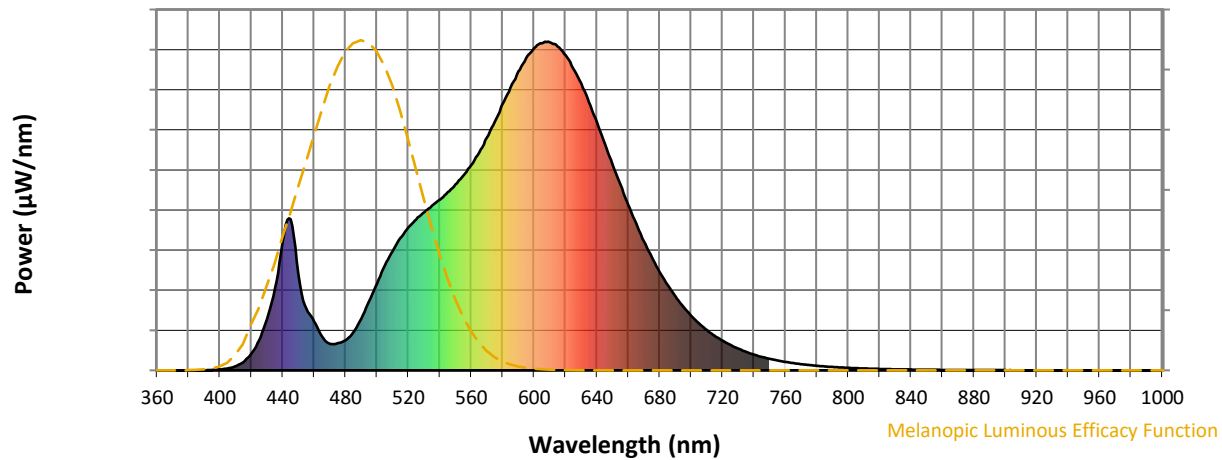
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

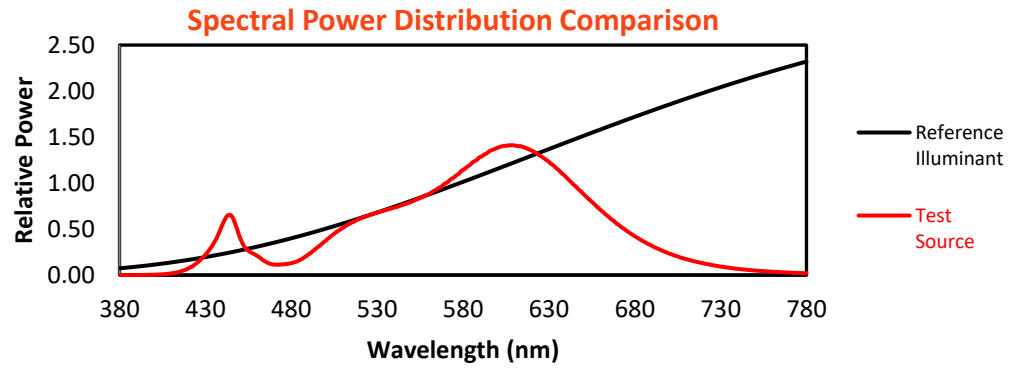
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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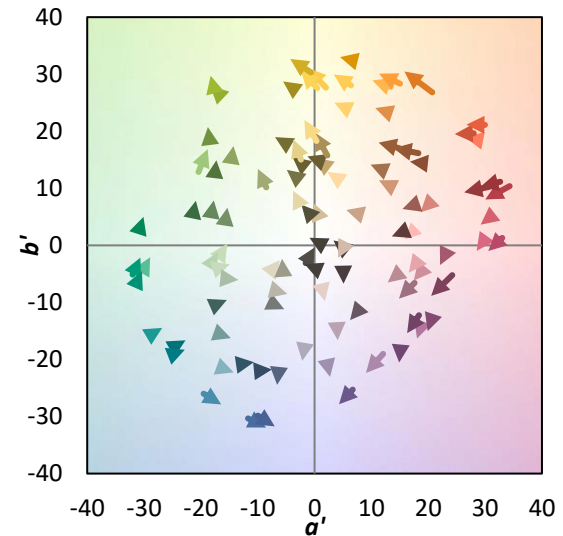
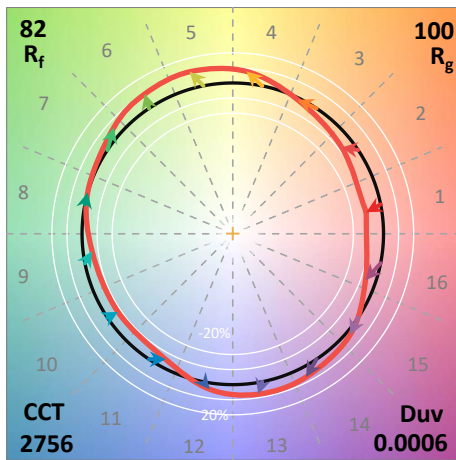
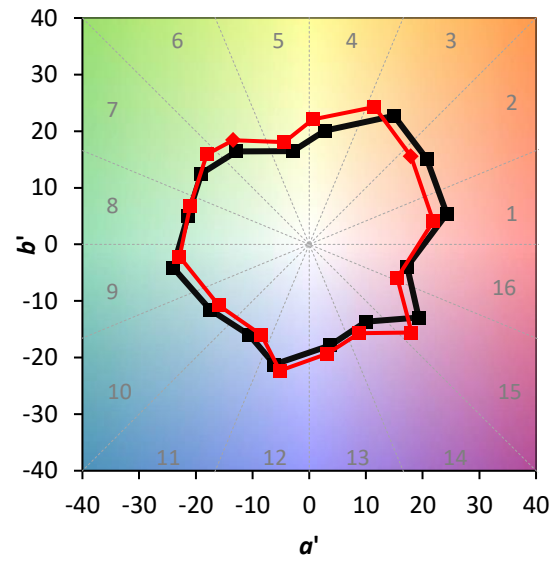
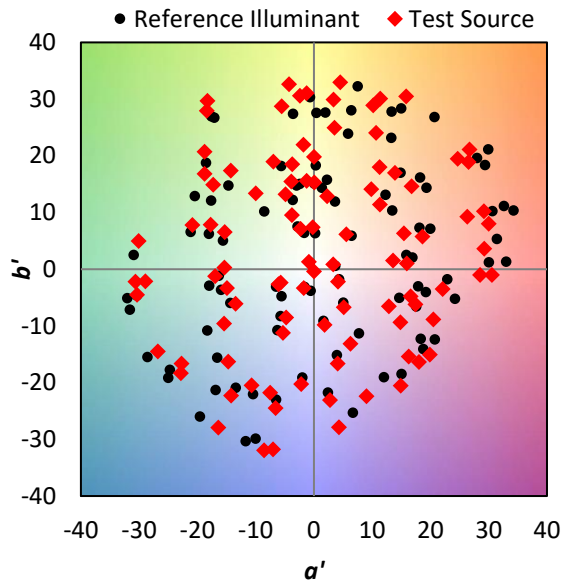
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

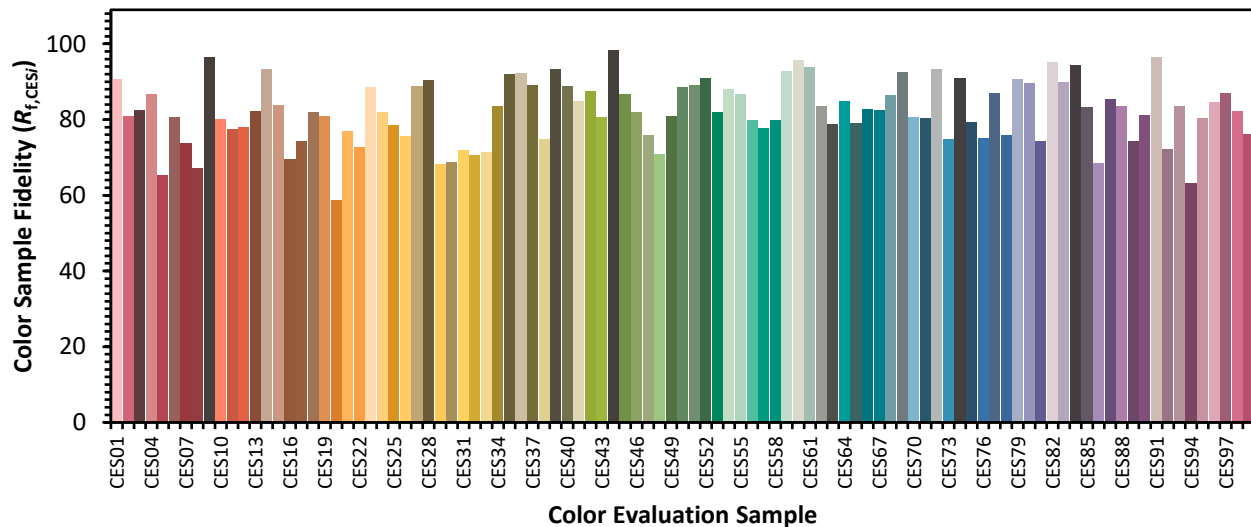


Color Vector Graphics

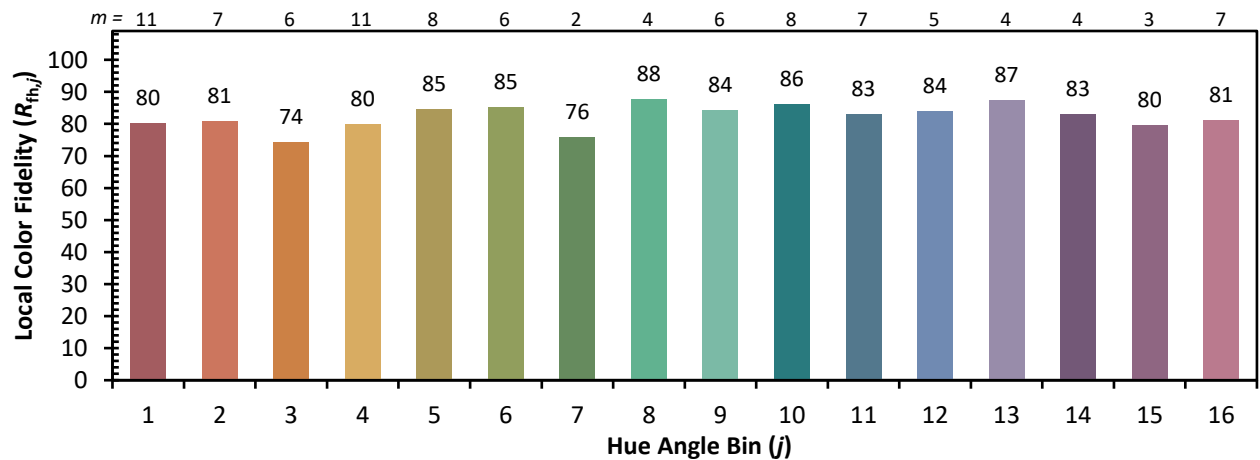
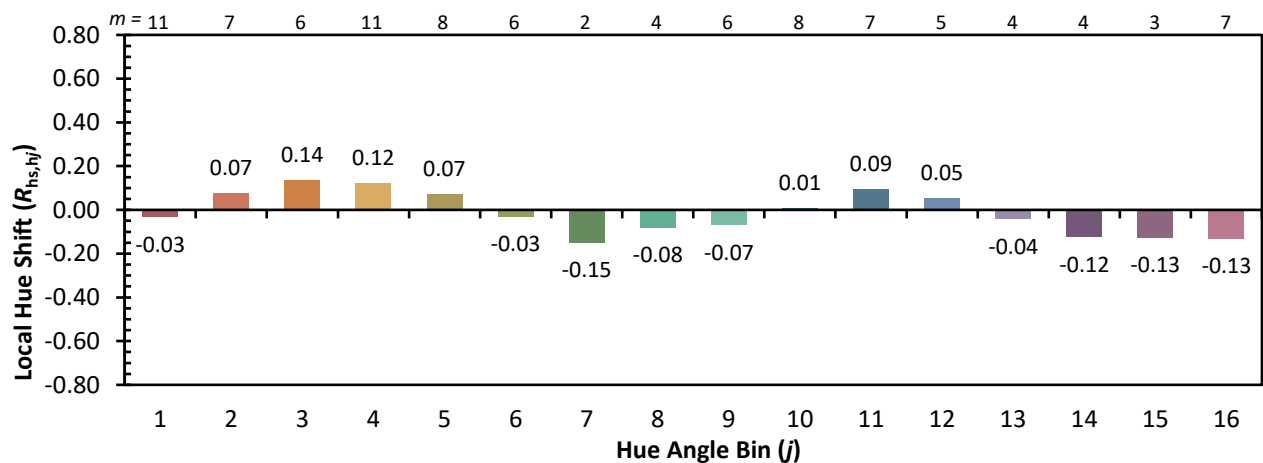
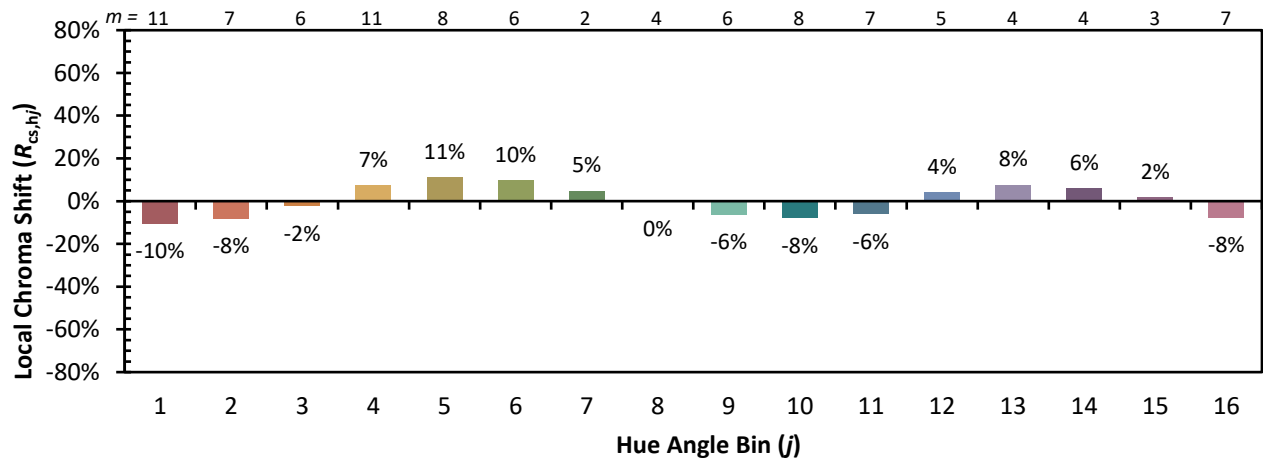


Individual Sample Fidelity Index ($R_{f,i}$)

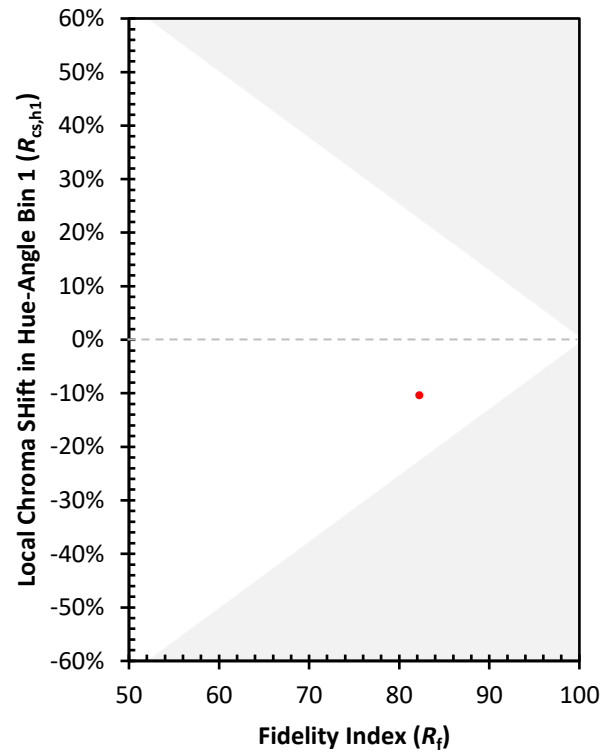
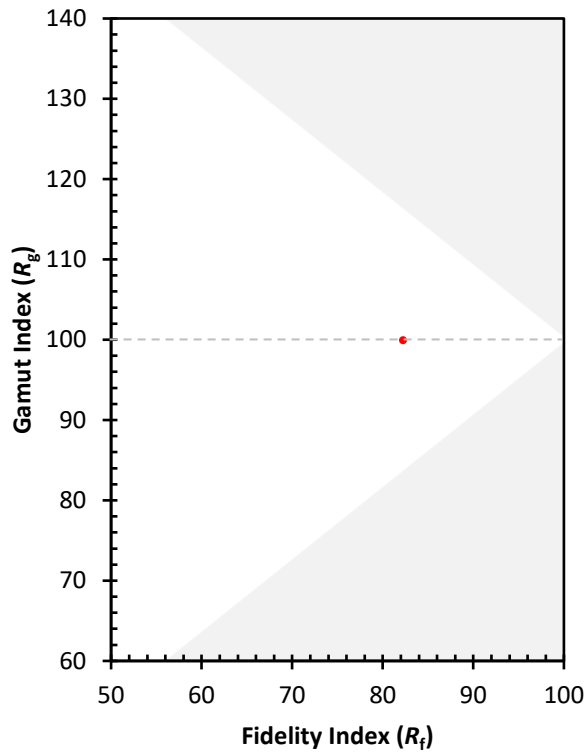
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)