

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: P1048241

Luminaire Tested: **GALN-SA2A-740-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048241
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-740-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7417 lumens
Efficiency: N/A
Efficacy: 132.9 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

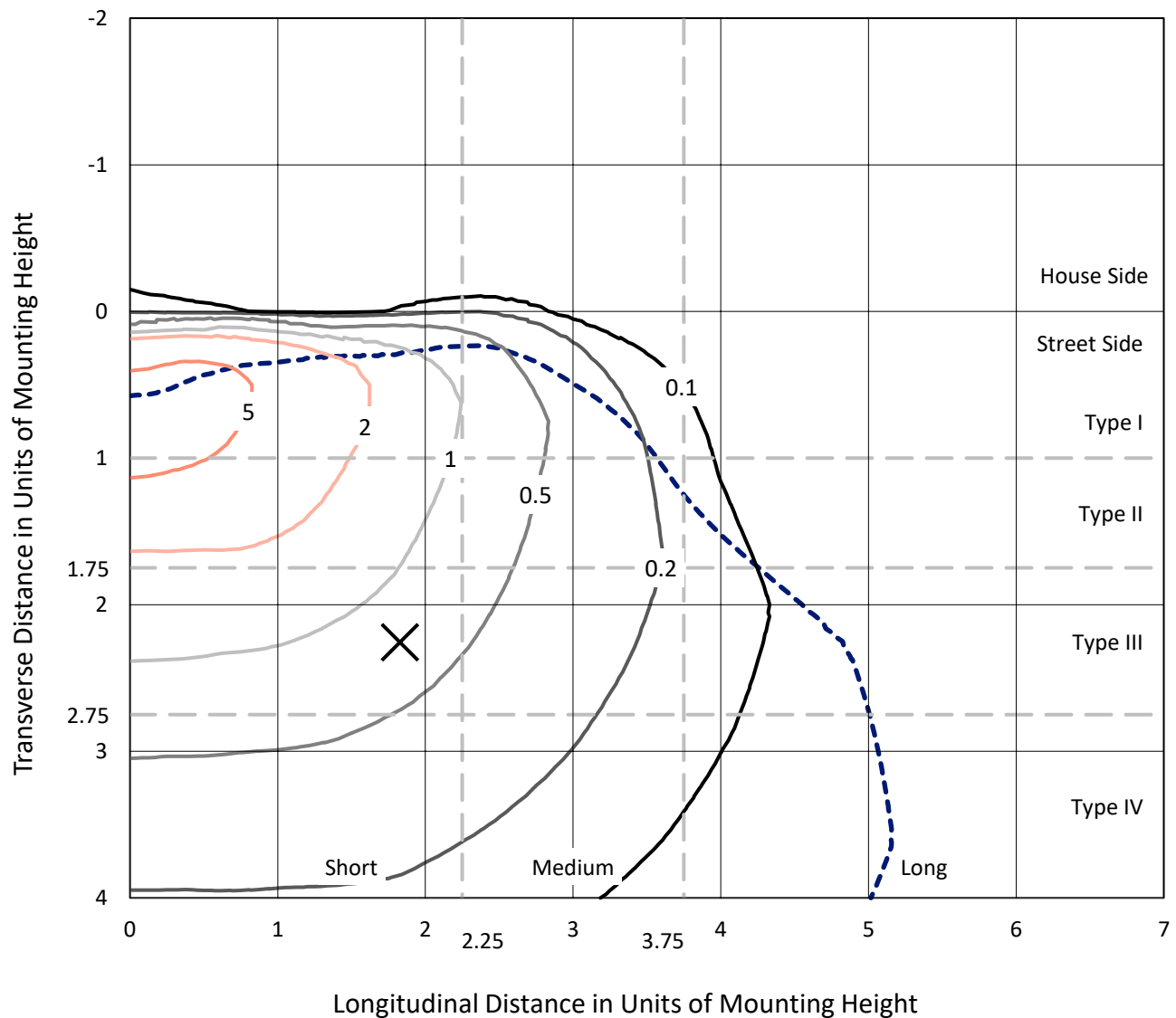


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

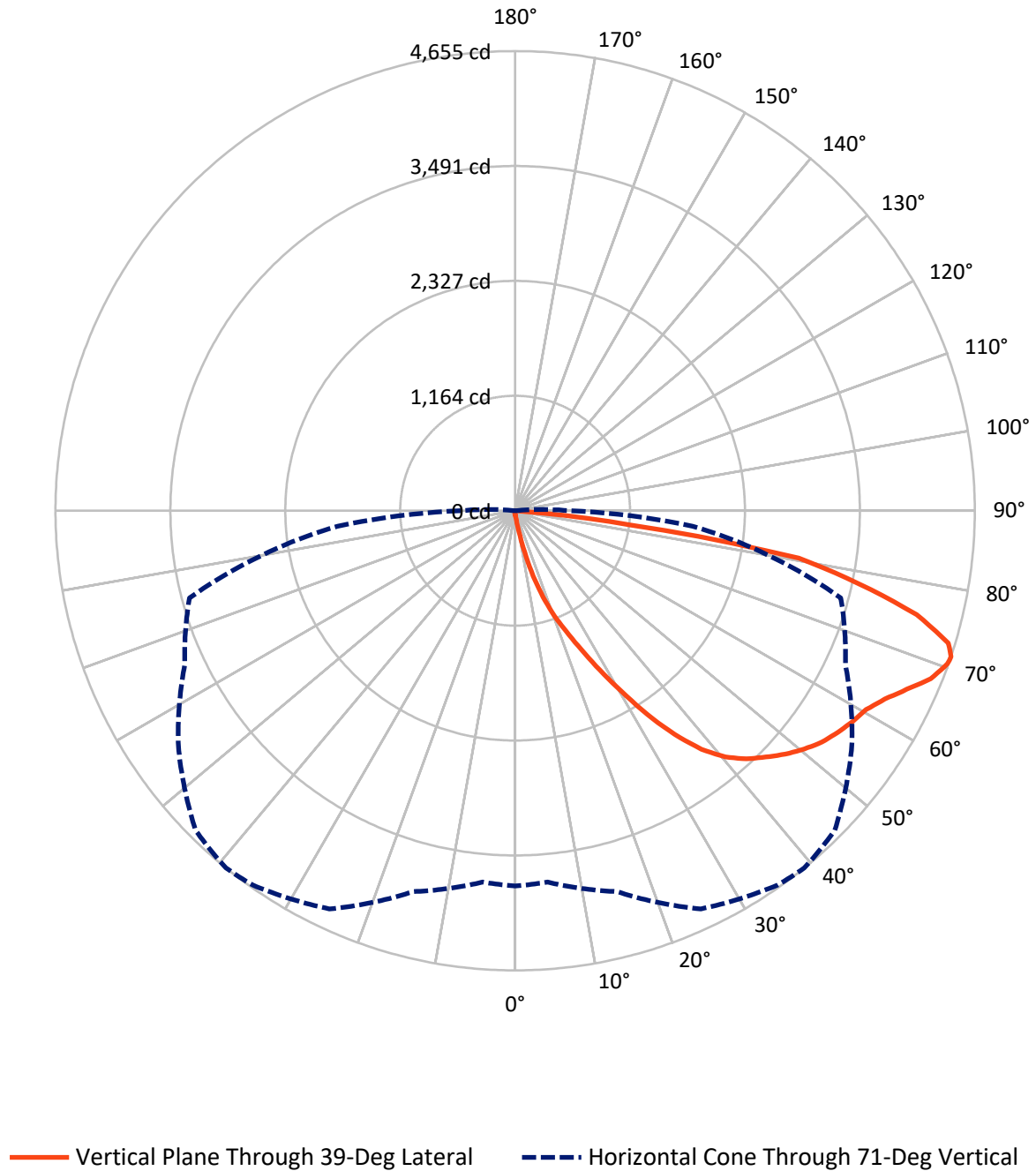


Based on 15 foot mounting height. Maximum calculated value = 7.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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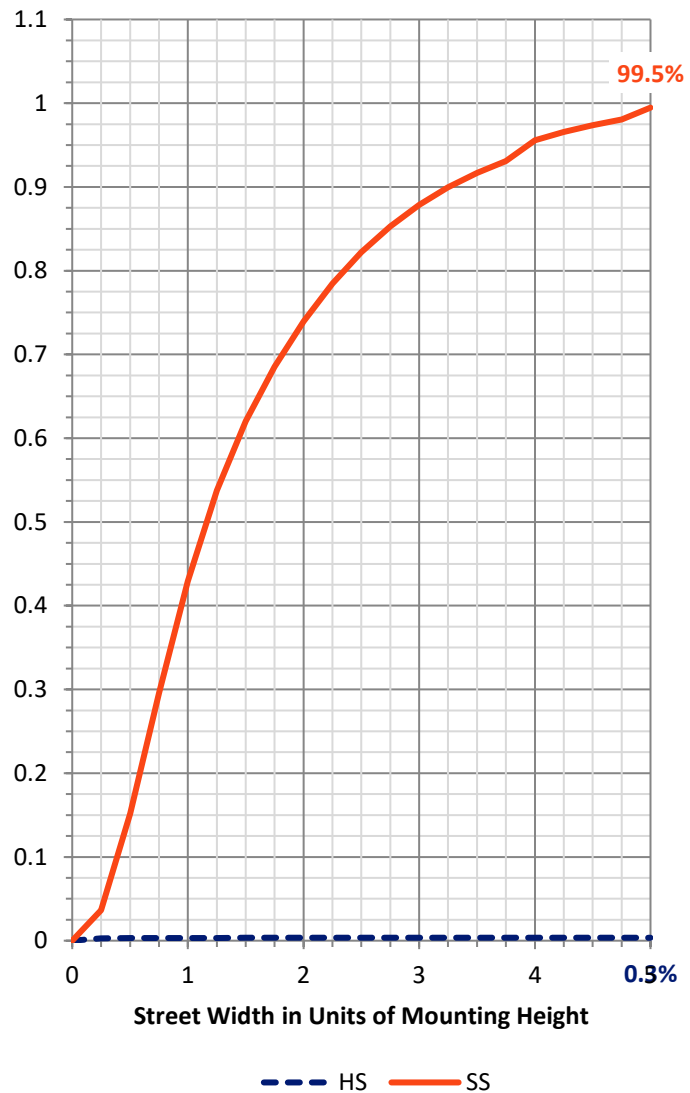
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.3	0.0	26.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7390.6	0.0	7390.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	7417.0	0.0	7417.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.1
10°-20°	79.3	1.1
20°-30°	282.3	3.8
30°-40°	680.4	9.2
40°-50°	1138.7	15.4
50°-60°	1462.5	19.7
60°-70°	1850.8	25.0
70°-80°	1650.1	22.2
80°-90°	266.7	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°	7417.0	100.0
0°-180°	7417.0	100.0



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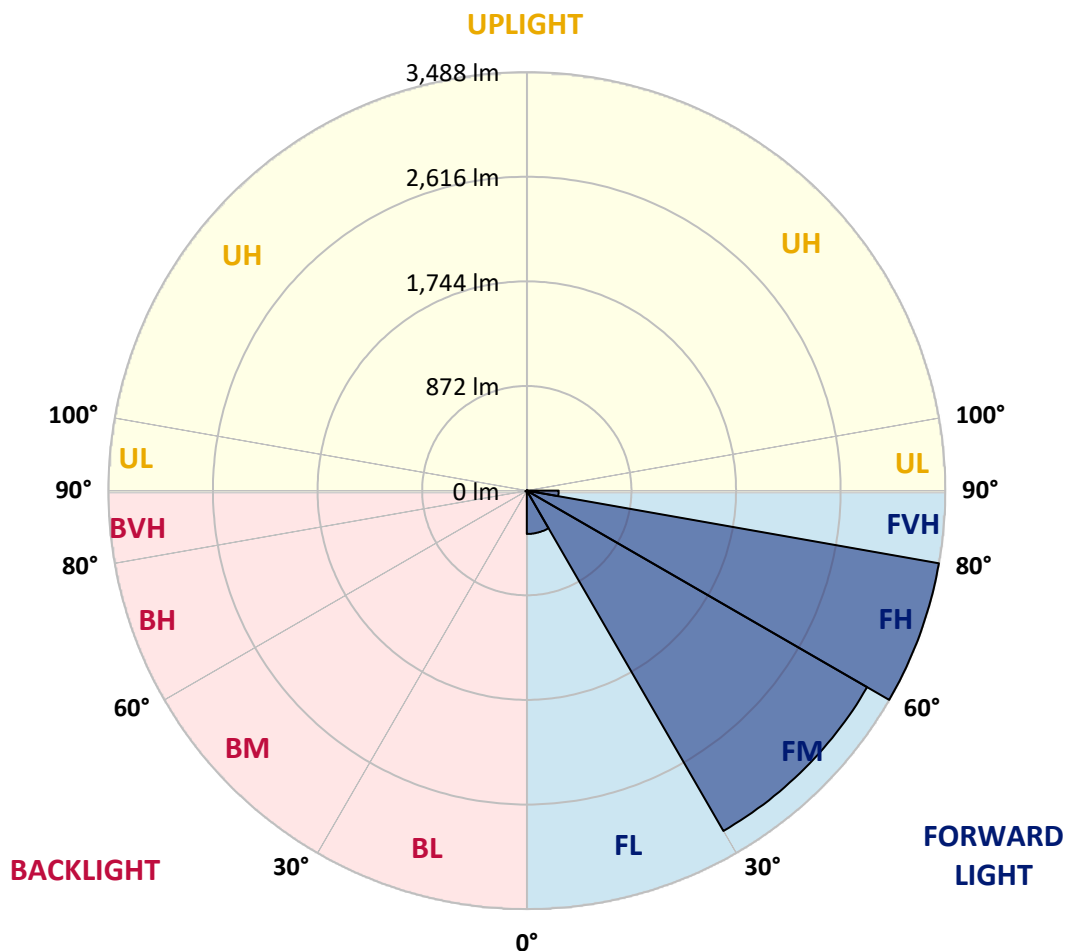
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	361.4	4.9			
FM	(30°-60°)	3275.5	44.2			
FH	(60°-80°)	3488.2	47.0			G2/5000
FVH	(80°-90°)	265.5	3.6			G3/500
BL	(0°-30°)	6.4	0.1	B0/110		
BM	(30°-60°)	6.1	0.1	B0/220		
BH	(60°-80°)	12.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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°	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
2.5°	46.7	46.7	46.7	45.2	45.2	44.7	44.2	44.2	43.2	42.7	41.7
5°	70.8	69.3	65.8	63.8	59.7	57.2	54.7	51.2	47.7	45.2	42.2
7.5°	160.2	163.7	152.1	130.5	108.5	98.9	82.8	66.8	55.2	47.7	42.7
10°	408.2	406.2	367.0	323.8	250.0	220.4	172.7	109.0	71.3	52.2	43.2
12.5°	694.4	692.4	646.2	587.4	490.0	428.3	337.9	203.3	102.4	59.2	43.2
15°	934.9	926.9	912.3	854.1	740.1	688.4	568.9	359.5	165.7	71.3	44.2
17.5°	1094.1	1087.0	1073.5	1052.4	980.1	918.8	822.9	564.9	268.1	92.4	46.2
20°	1240.2	1235.1	1224.1	1220.1	1173.4	1140.8	1061.4	800.8	417.7	125.5	49.2
22.5°	1441.0	1430.5	1435.0	1410.9	1365.2	1326.0	1277.3	1047.9	600.5	180.8	54.7
25°	1687.0	1682.0	1669.5	1652.4	1589.1	1555.0	1480.2	1280.8	804.9	253.1	60.8
27.5°	1984.3	1978.7	1975.7	1936.6	1863.8	1826.6	1722.2	1500.8	1034.8	354.5	68.8
30°	2326.7	2329.2	2309.6	2259.4	2174.6	2122.3	2014.9	1731.2	1270.3	473.5	77.3
32.5°	2681.2	2676.1	2646.0	2586.8	2511.0	2462.3	2325.7	1983.8	1517.3	630.6	87.4
35°	3063.3	3053.7	2974.4	2906.6	2841.8	2780.6	2656.1	2277.0	1764.3	806.9	100.9
37.5°	3448.9	3404.2	3245.0	3159.2	3114.5	3064.3	2948.3	2589.8	2009.9	1003.7	117.5
40°	3740.1	3705.4	3516.6	3358.5	3322.8	3280.2	3193.8	2859.9	2271.0	1215.1	137.6
42.5°	3901.2	3882.2	3712.5	3556.3	3472.5	3434.8	3361.0	3095.9	2529.0	1448.5	166.7
45°	3970.0	3940.4	3826.9	3754.1	3620.6	3558.3	3470.5	3274.1	2798.7	1713.6	207.4
47.5°	3948.9	3931.9	3850.5	3877.1	3780.2	3683.3	3554.3	3410.7	3029.1	2017.9	263.1
50°	3816.4	3801.8	3776.7	3920.8	3908.8	3794.3	3662.8	3518.7	3217.4	2331.7	349.5
52.5°	3564.3	3558.3	3622.6	3886.7	3981.6	3892.2	3767.2	3614.1	3393.1	2659.6	473.0
55°	3239.5	3264.1	3447.9	3833.5	4018.7	3964.5	3859.6	3703.4	3534.2	2952.8	655.2
57.5°	3105.9	3112.5	3341.9	3795.8	4035.3	4028.3	3949.4	3788.8	3663.8	3187.3	933.4
60°	3262.1	3252.0	3373.0	3824.4	4068.4	4085.5	4029.3	3868.1	3776.2	3388.6	1303.9
62.5°	3544.3	3538.7	3577.4	3946.4	4165.3	4200.0	4140.2	3925.3	3875.6	3521.2	1726.7
65°	3796.3	3784.8	3856.6	4162.8	4335.6	4360.2	4307.9	4023.3	3919.3	3617.6	2123.8
67.5°	3905.3	3902.8	4018.2	4368.7	4514.3	4540.9	4495.2	4158.3	3909.3	3648.2	2299.1
70°	3855.6	3846.0	4030.8	4456.1	4615.2	4645.3	4601.2	4208.5	3800.3	3551.3	2039.5
71°	3800.8	3775.2	3993.1	4450.0	4629.3	4654.9	4577.6	4162.8	3690.9	3413.7	1804.0
72.5°	3631.1	3635.6	3889.7	4387.3	4595.6	4588.1	4444.0	3999.2	3558.8	3101.4	1449.0
75°	3213.4	3240.0	3554.8	4123.7	4295.4	4199.5	3979.1	3686.4	3293.7	2223.8	1006.2
77.5°	2625.9	2665.6	3011.5	3616.6	3567.9	3558.3	3549.3	3248.0	2812.7	1194.5	699.9
80°	1253.7	1339.6	1816.6	2581.8	2804.7	2912.6	2844.8	2617.4	2175.1	568.9	418.2
82.5°	81.8	80.8	114.5	216.9	914.3	1181.9	1877.8	1870.8	1516.3	277.2	170.7
85°	38.7	39.7	43.7	49.7	57.7	63.3	87.4	512.1	725.5	132.0	37.2
87.5°	22.6	23.1	27.1	34.6	45.2	50.2	59.7	76.8	94.4	72.8	8.0
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-SA2A-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
2.5°	41.2	40.7	39.2	37.7	36.2	35.1	34.6	35.1	35.1	35.6	35.6
5°	41.2	39.7	37.2	34.1	32.1	30.1	29.1	28.6	29.1	29.1	29.1
7.5°	40.7	38.2	34.6	31.1	28.6	26.1	25.1	24.6	24.6	25.1	25.1
10°	39.7	37.2	32.6	28.6	25.6	22.6	21.1	19.6	19.6	19.6	20.1
12.5°	39.2	35.6	30.1	26.1	22.1	18.6	15.6	14.1	14.6	14.6	14.6
15°	38.2	34.1	28.6	23.6	18.6	14.1	11.5	10.0	10.5	11.0	10.5
17.5°	38.2	33.6	26.6	20.6	14.6	10.5	8.5	7.5	7.5	8.0	8.0
20°	38.2	32.6	25.1	17.6	11.0	8.0	6.0	5.5	5.5	6.5	7.0
22.5°	39.2	32.6	23.1	14.6	9.0	6.0	4.5	4.0	4.5	5.5	6.0
25°	40.7	32.1	21.1	13.1	7.5	4.5	3.5	2.5	3.0	4.0	4.5
27.5°	42.2	31.6	19.1	11.5	6.0	3.5	2.5	2.0	1.5	2.0	2.0
30°	43.7	31.6	17.1	9.5	5.0	2.5	1.5	1.0	0.5	0.0	0.0
32.5°	44.7	30.6	15.6	7.5	4.0	2.0	1.0	0.5	0.0	0.0	0.0
35°	45.7	29.6	13.6	6.0	3.0	1.5	0.5	0.0	0.0	0.0	0.0
37.5°	46.7	28.1	11.5	5.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0
40°	47.7	26.1	9.5	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	48.7	24.6	8.0	3.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	51.2	23.6	6.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	55.7	22.6	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	62.3	21.6	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	71.3	21.1	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	87.4	20.6	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	115.0	20.1	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	176.2	19.1	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	314.8	18.6	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	548.8	19.1	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	786.8	20.1	3.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	673.3	17.6	3.5	2.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
71°	548.8	15.6	3.5	2.0	1.0	0.5	0.5	0.0	0.0	0.0	0.0
72.5°	353.0	12.1	3.0	2.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
75°	149.1	10.0	3.0	2.0	1.5	1.0	1.0	0.5	0.0	0.0	0.0
77.5°	63.8	7.5	3.0	2.5	2.0	1.5	1.5	1.0	0.5	0.0	0.0
80°	24.1	6.0	3.5	3.0	2.5	2.5	2.0	1.0	0.5	0.0	0.0
82.5°	11.0	5.0	3.5	3.0	3.0	2.5	2.0	1.5	1.0	0.0	0.0
85°	7.0	4.5	3.5	3.0	3.0	2.5	2.5	1.5	1.0	0.0	0.0
87.5°	5.5	4.5	3.5	3.5	3.0	3.0	2.0	1.5	0.5	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

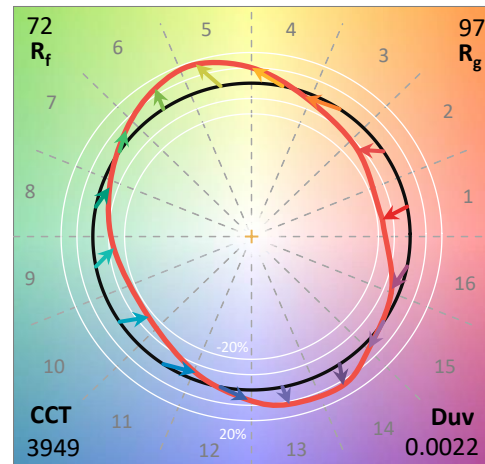
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

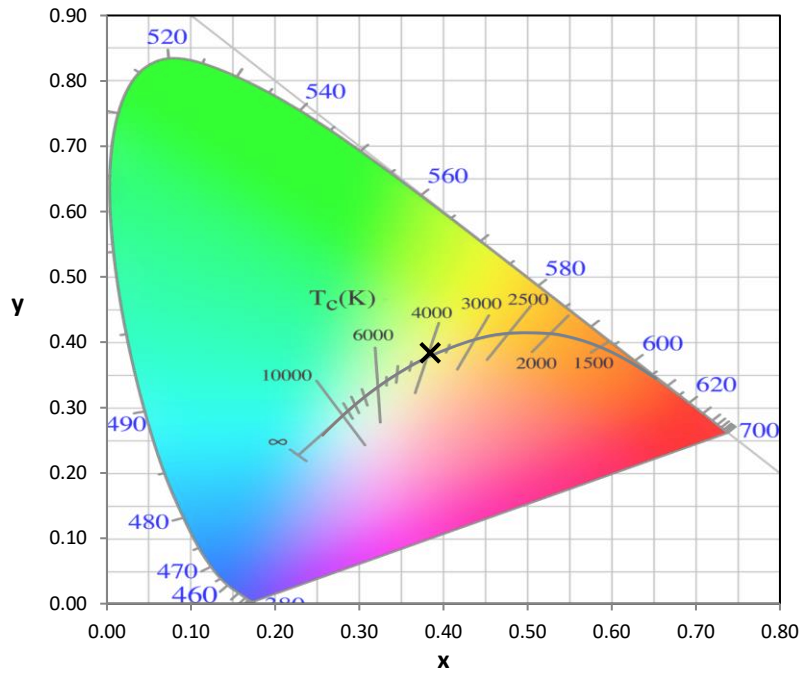
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

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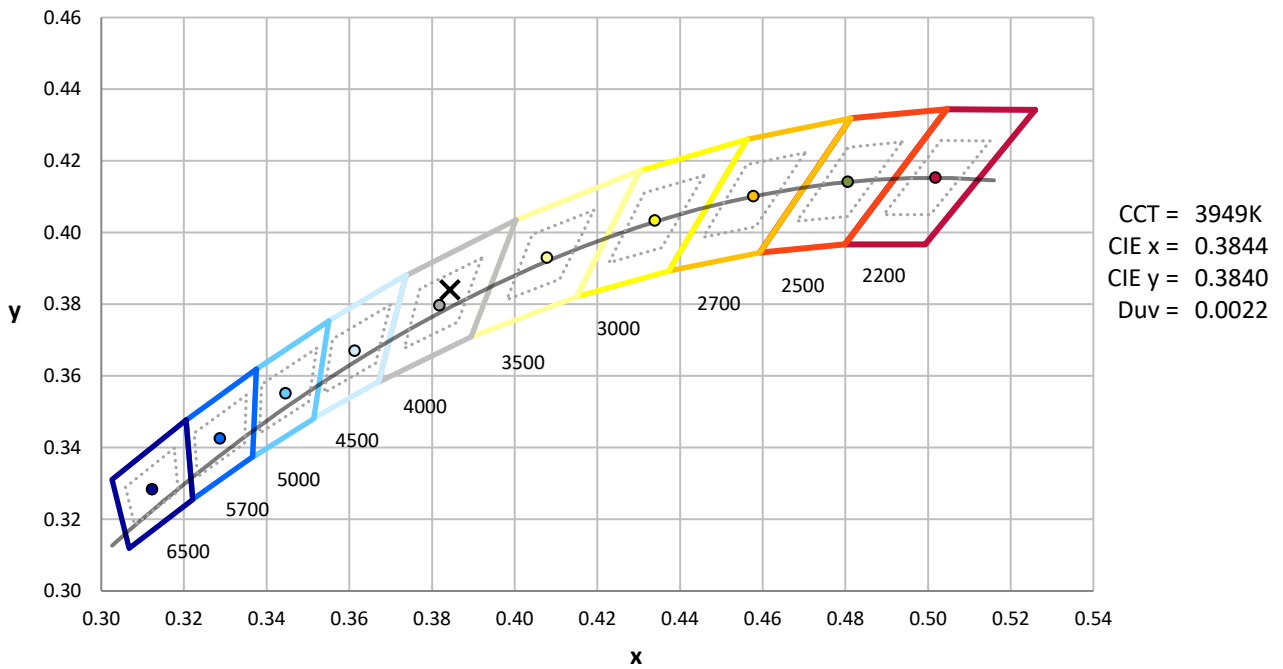
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



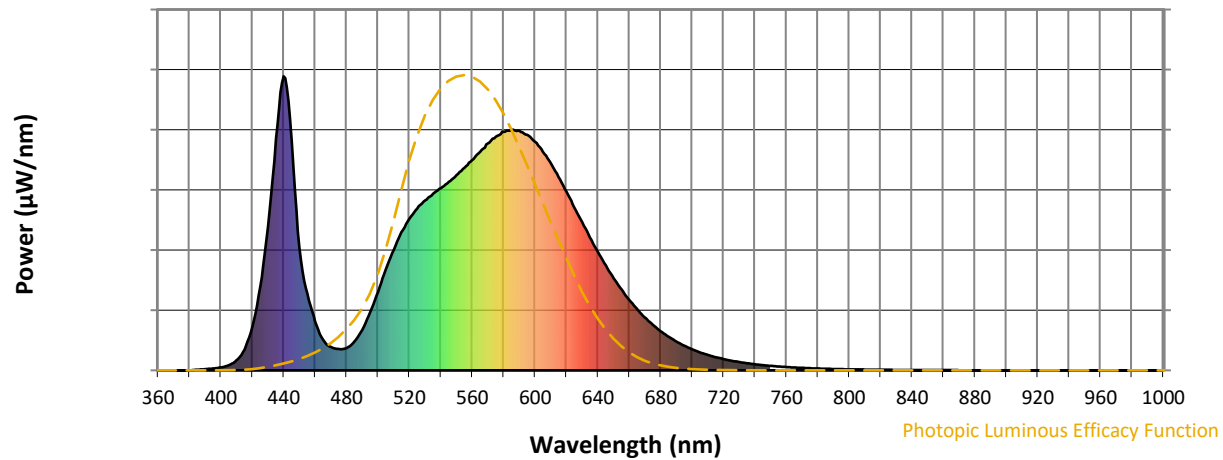
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

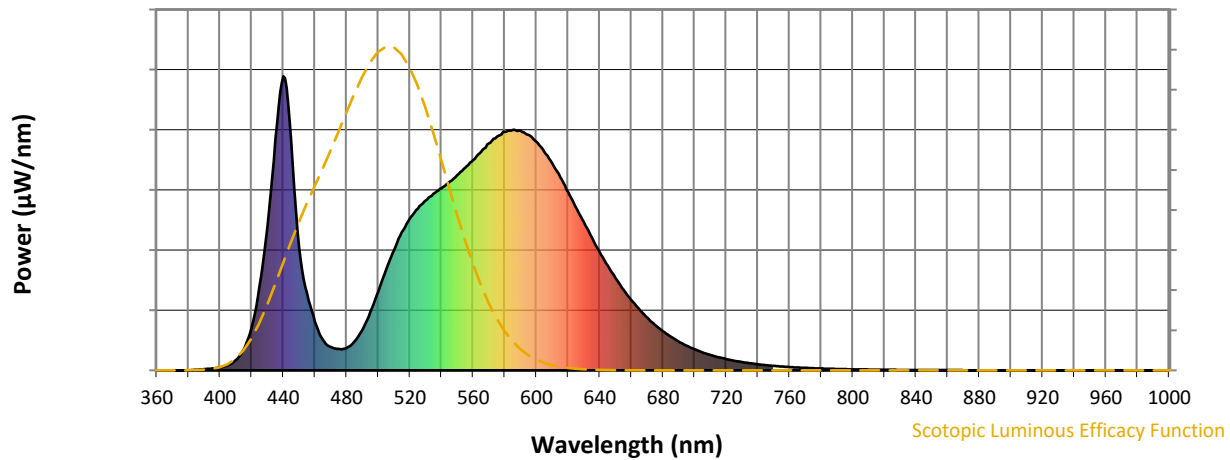


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



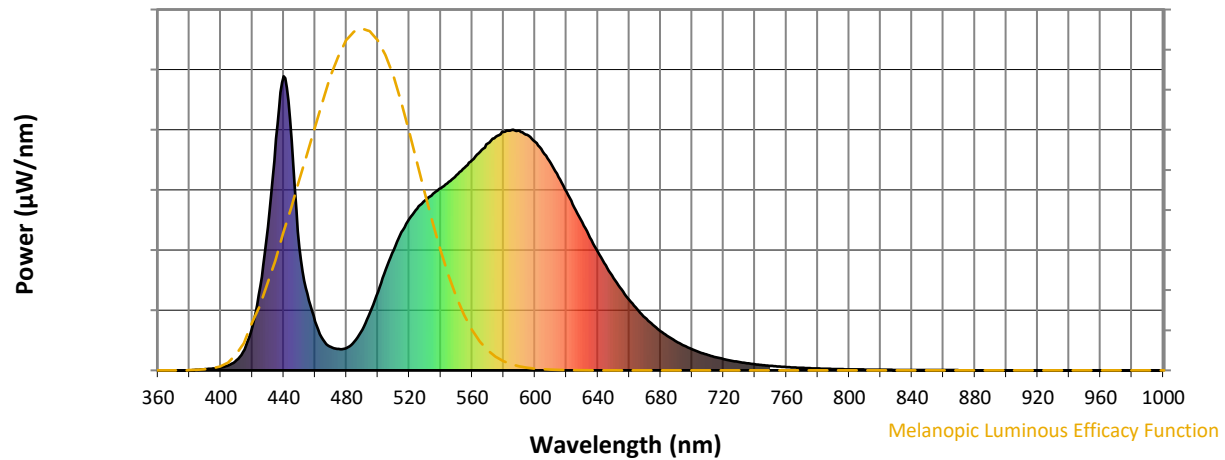
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

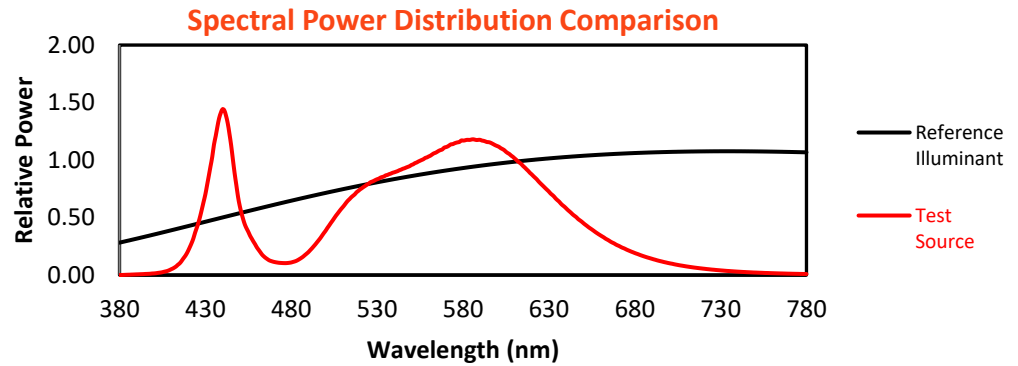
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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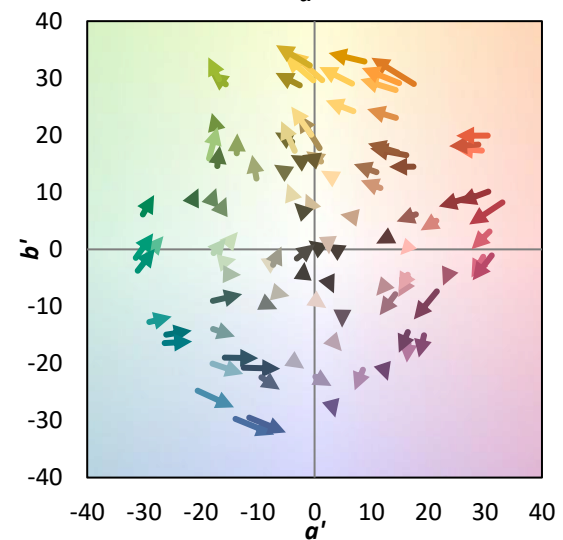
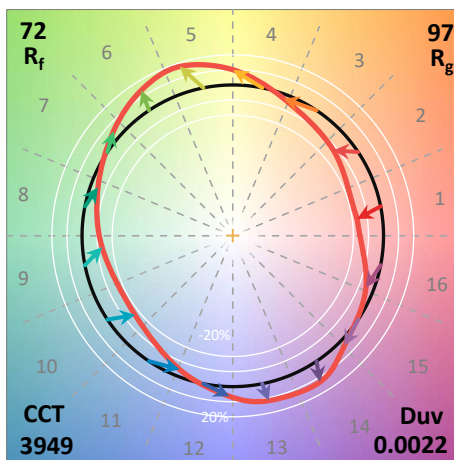
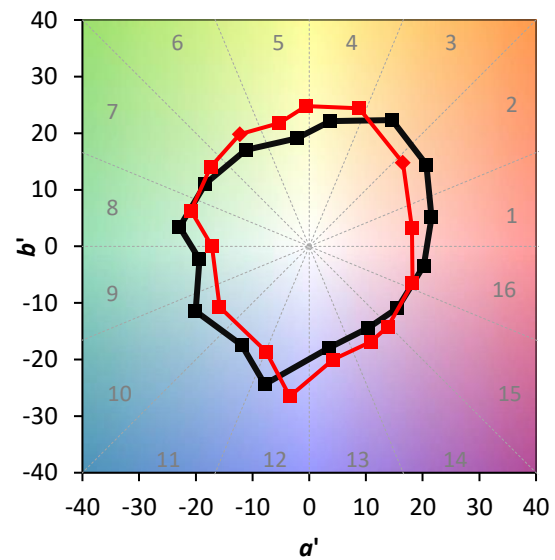
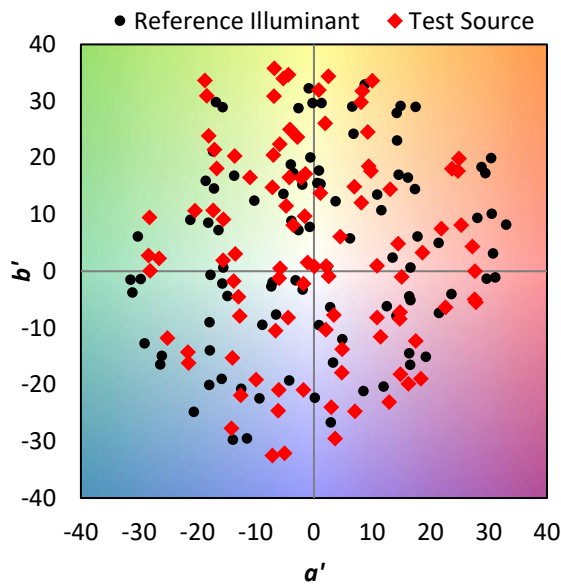
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

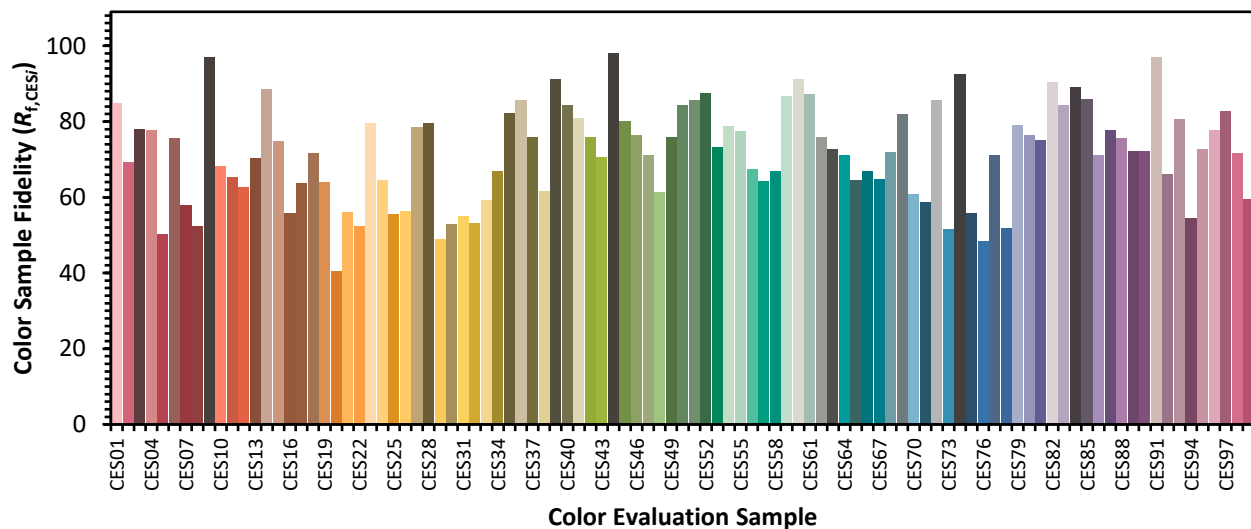


Color Vector Graphics

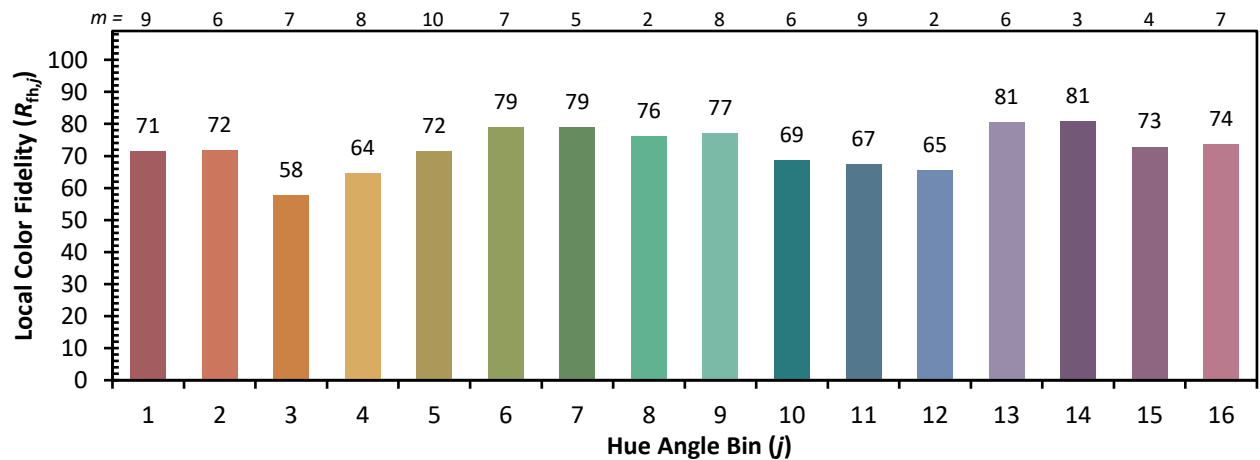
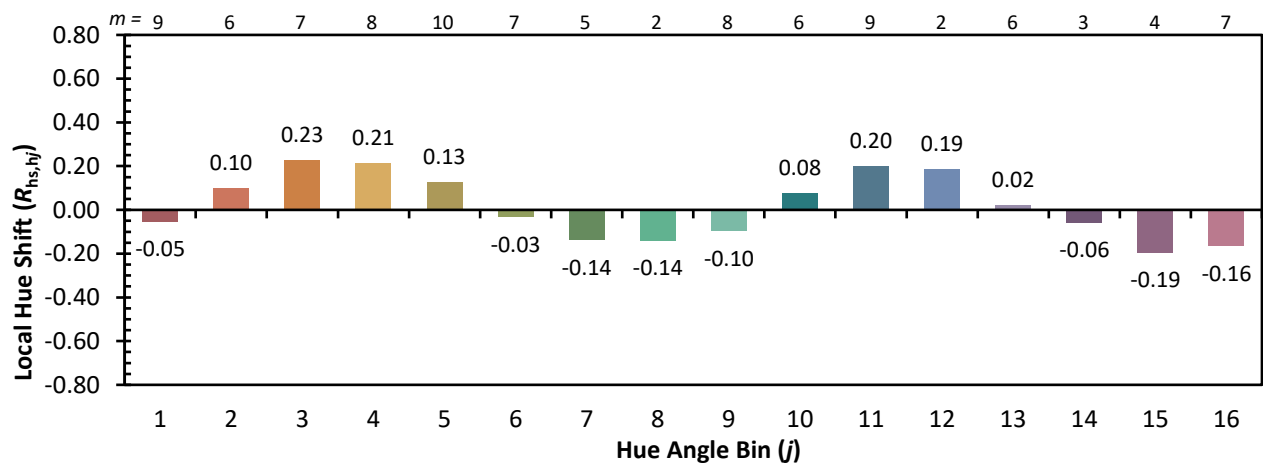
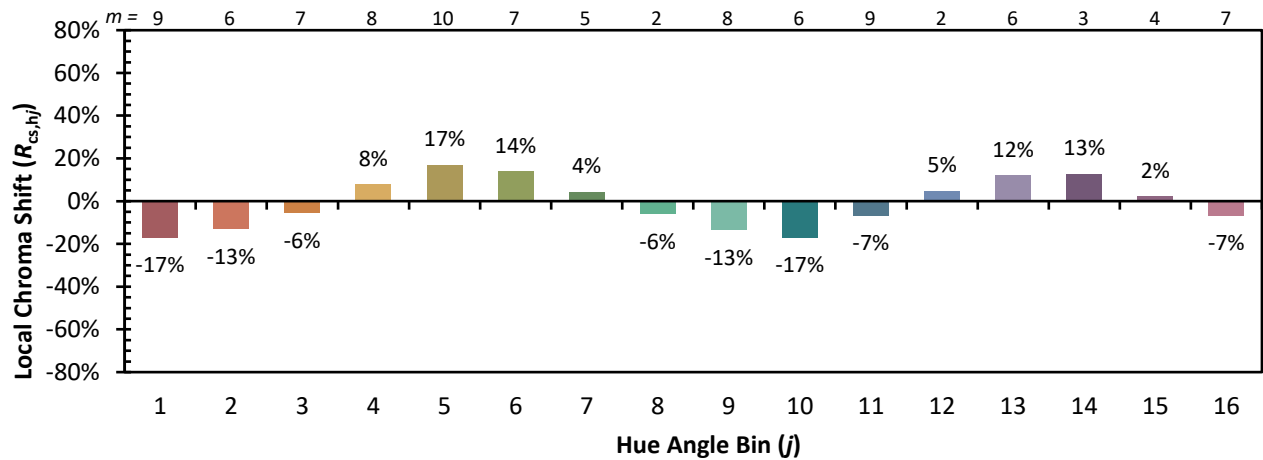


Individual Sample Fidelity Index ($R_{f,i}$)

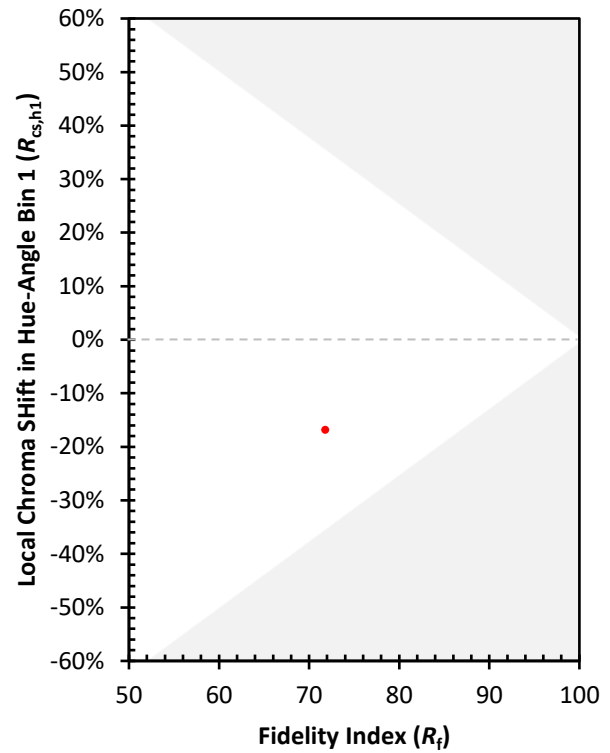
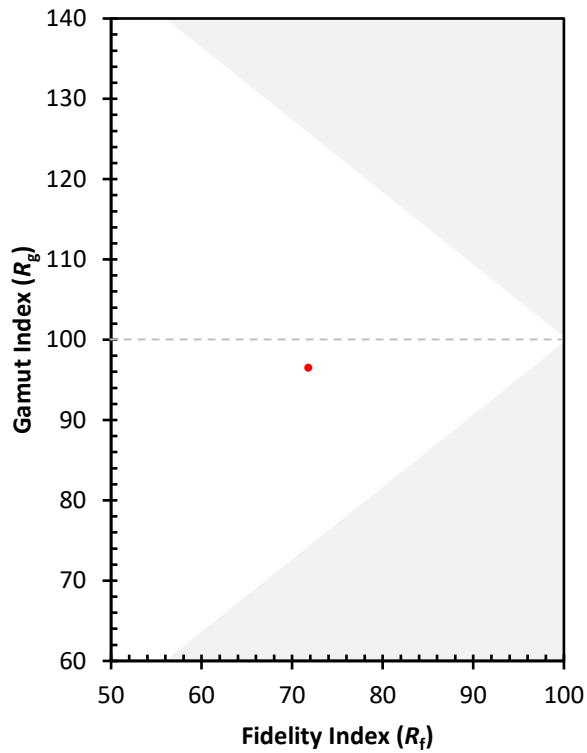
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)