

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: P1048585

Luminaire Tested: **GALN-SA7A-835-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048585
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-835-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22687.5 lumens
Efficiency: N/A
Efficacy: 117.5 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): 193.1
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

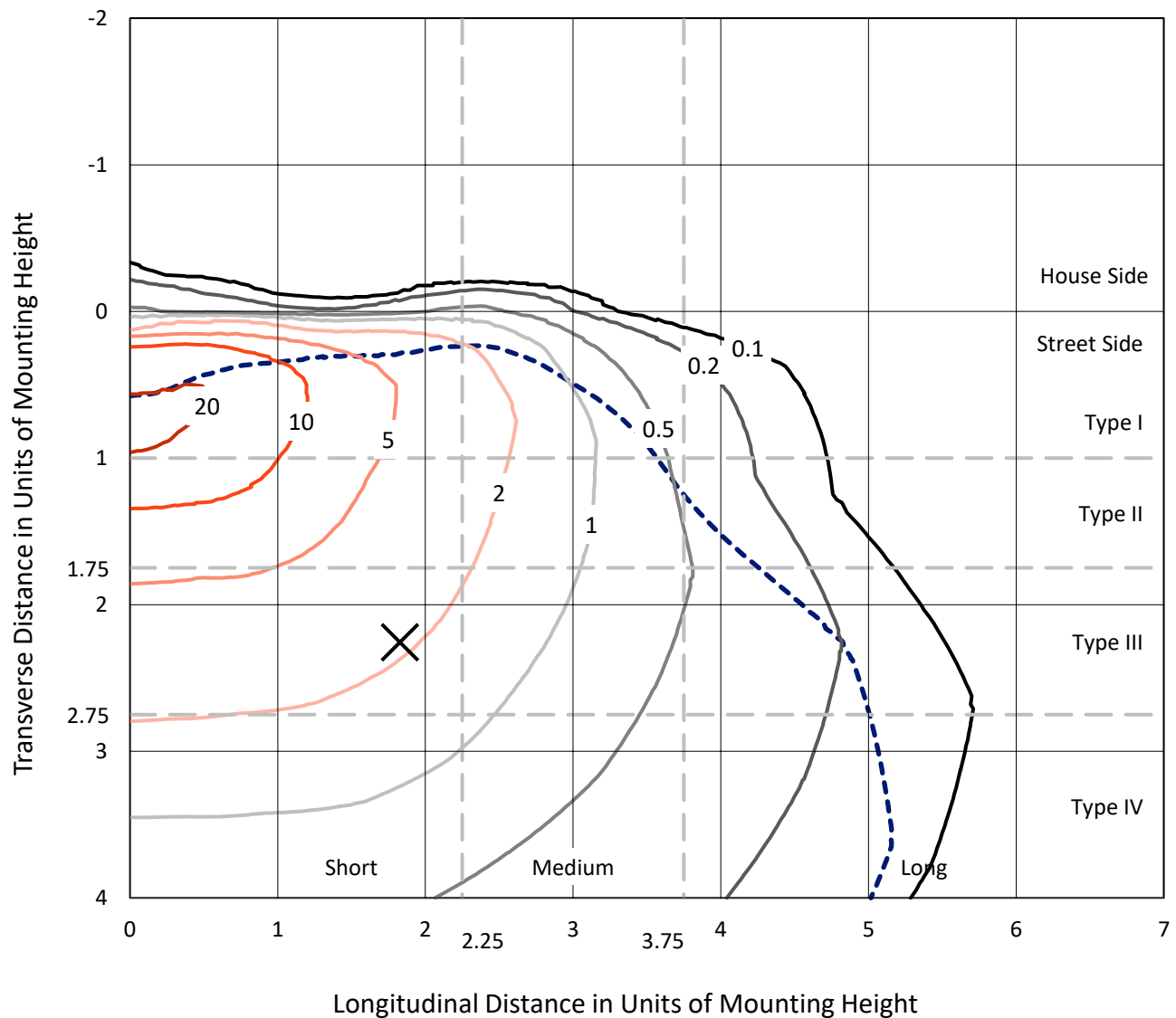


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

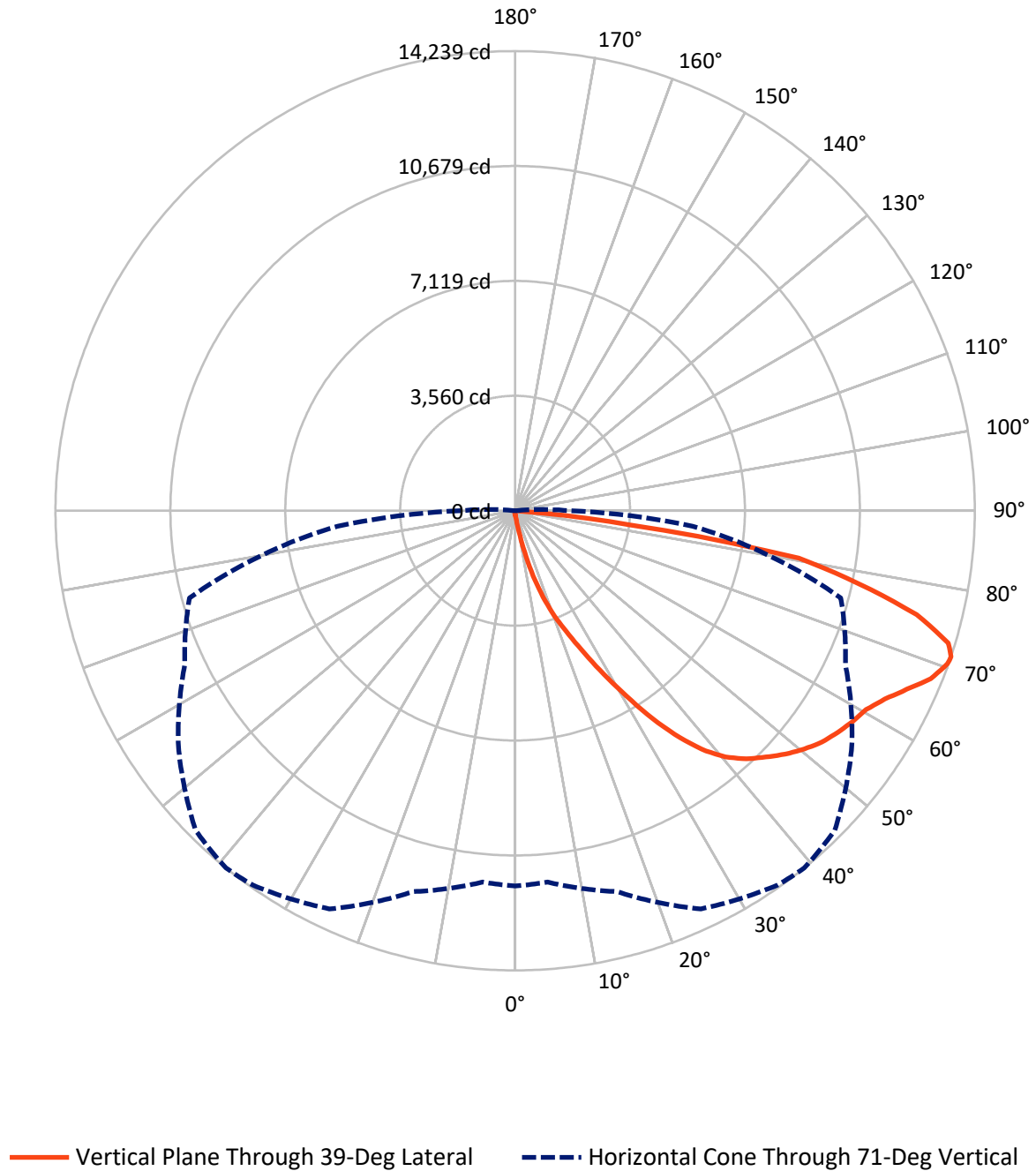


Based on 15 foot mounting height. Maximum calculated value = 23.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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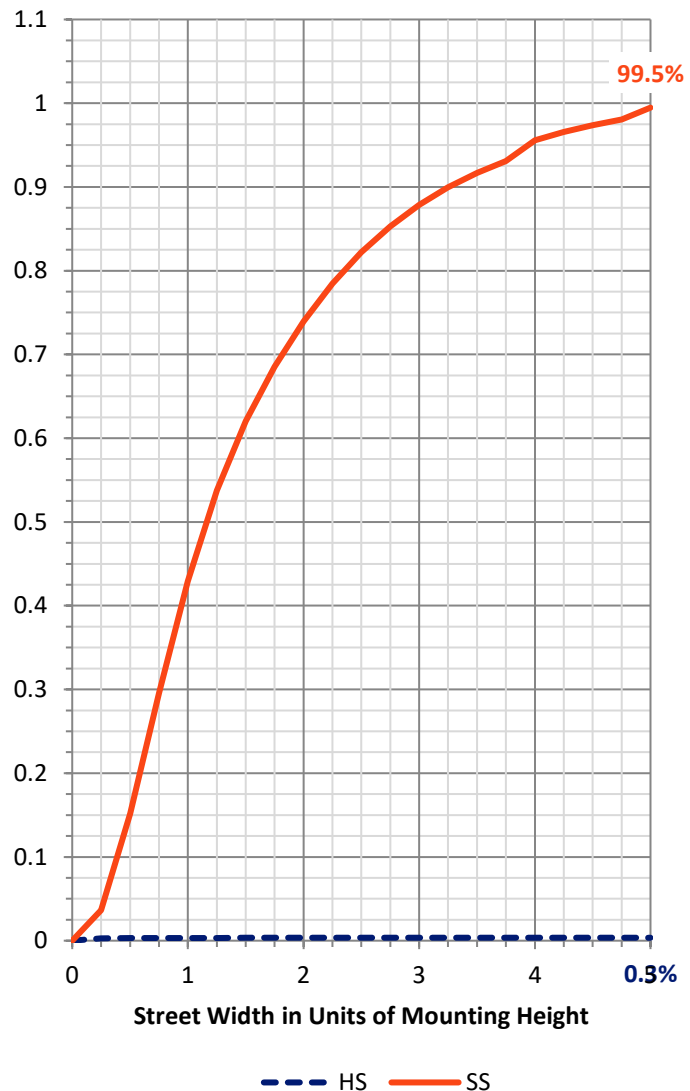
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.6	0.0	80.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22606.9	0.0	22606.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	22687.5	0.0	22687.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.0	0.1
10°-20°	242.5	1.1
20°-30°	863.5	3.8
30°-40°	2081.2	9.2
40°-50°	3483.1	15.4
50°-60°	4473.6	19.7
60°-70°	5661.4	25.0
70°-80°	5047.3	22.2
80°-90°	815.9	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°	22687.5	100.0
0°-180°	22687.5	100.0



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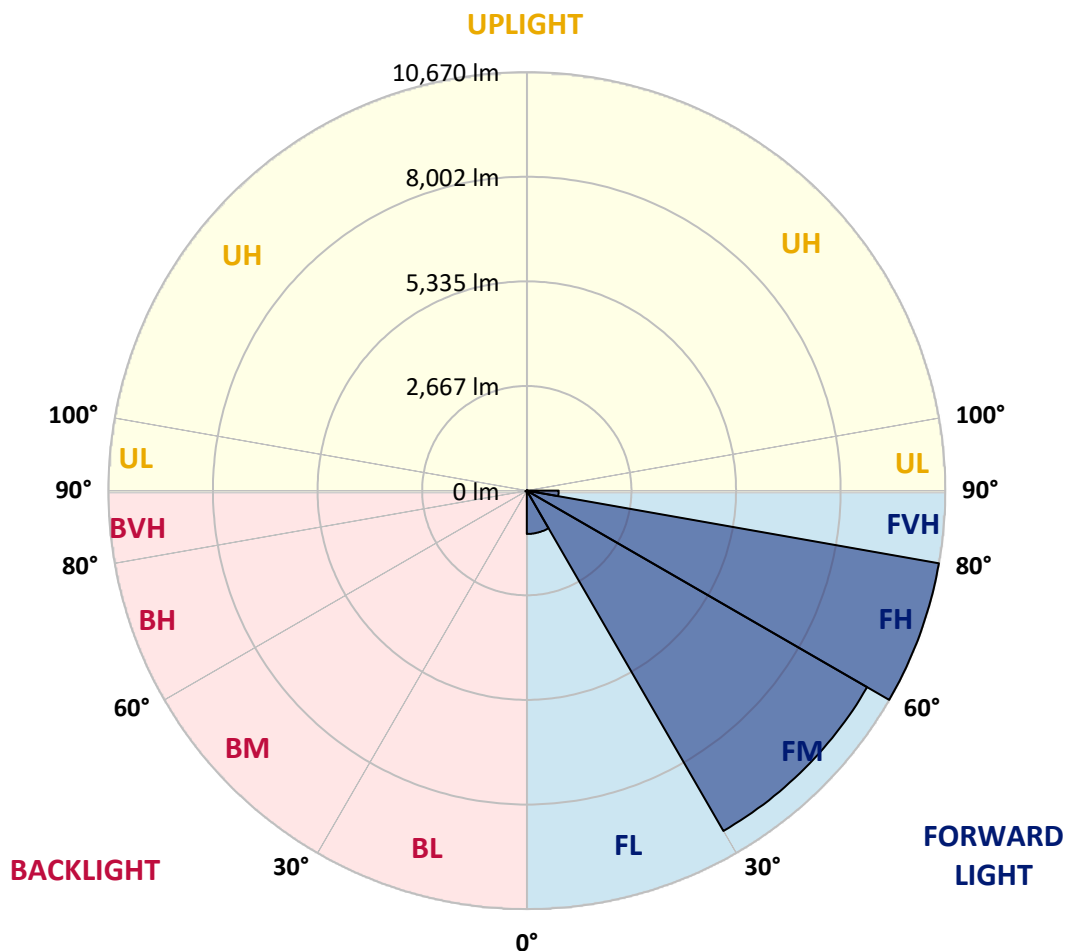
CATALOG NUMBER: GALN-SA7A-835-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1105.5	4.9			
FM	(30°-60°)	10019.2	44.2			
FH	(60°-80°)	10670.0	47.0			G4/12000
FVH	(80°-90°)	812.2	3.6			G5
BL	(0°-30°)	19.5	0.1	B0/110		
BM	(30°-60°)	18.7	0.1	B0/220		
BH	(60°-80°)	38.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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°	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
2.5°	142.8	142.8	142.8	138.2	138.2	136.7	135.2	135.2	132.1	130.5	127.5
5°	216.6	211.9	201.2	195.0	182.8	175.1	167.4	156.7	145.9	138.2	129.0
7.5°	489.9	500.7	465.4	399.3	331.7	302.6	253.4	204.3	168.9	145.9	130.5
10°	1248.6	1242.5	1122.7	990.6	764.8	674.2	528.3	333.3	218.1	159.7	132.1
12.5°	2124.0	2117.9	1976.6	1796.9	1499.0	1310.1	1033.6	622.0	313.3	181.2	132.1
15°	2859.7	2835.1	2790.6	2612.4	2263.8	2105.6	1740.1	1099.6	506.8	218.1	135.2
17.5°	3346.6	3325.1	3283.6	3219.1	2997.9	2810.6	2517.2	1727.8	820.1	282.6	141.3
20°	3793.5	3778.1	3744.3	3732.0	3589.2	3489.4	3246.7	2449.6	1277.8	384.0	150.5
22.5°	4407.8	4375.6	4389.4	4315.7	4175.9	4056.1	3907.1	3205.3	1836.8	552.9	167.4
25°	5160.4	5145.0	5106.6	5054.4	4860.9	4756.4	4527.6	3917.9	2461.9	774.1	185.8
27.5°	6069.6	6052.7	6043.5	5923.7	5701.0	5587.3	5267.9	4590.6	3165.3	1084.3	210.4
30°	7117.0	7124.7	7064.8	6911.2	6651.6	6491.9	6163.3	5295.5	3885.6	1448.3	236.5
32.5°	8201.3	8185.9	8093.8	7912.6	7680.6	7531.7	7113.9	6068.0	4641.3	1929.0	267.2
35°	9370.0	9340.9	9098.2	8890.9	8692.7	8505.4	8124.5	6964.9	5396.9	2468.1	308.7
37.5°	10549.6	10412.9	9926.0	9663.4	9526.7	9373.1	9018.3	7921.8	6147.9	3070.1	359.4
40°	11440.3	11334.4	10756.9	10273.1	10164.1	10033.5	9769.4	8748.0	6946.5	3716.7	420.8
42.5°	11933.3	11875.0	11355.9	10878.2	10621.7	10506.6	10280.8	9469.9	7735.9	4430.8	509.9
45°	12143.7	12053.1	11706.0	11483.3	11074.8	10884.4	10615.6	10015.1	8560.7	5241.8	634.3
47.5°	12079.2	12027.0	11778.2	11859.6	11563.2	11266.8	10872.1	10432.8	9265.6	6172.5	804.8
50°	11673.8	11629.2	11552.4	11993.2	11956.4	11606.2	11203.8	10763.0	9841.5	7132.4	1068.9
52.5°	10902.8	10884.4	11081.0	11888.8	12179.1	11905.7	11523.3	11054.8	10379.1	8135.2	1446.7
55°	9909.1	9984.4	10546.5	11726.0	12292.7	12126.8	11805.9	11328.2	10810.6	9032.2	2004.2
57.5°	9500.6	9520.6	10222.4	11610.8	12343.4	12321.9	12080.8	11589.3	11206.9	9749.4	2855.1
60°	9978.2	9947.5	10317.6	11698.4	12444.8	12497.0	12325.0	11832.0	11550.9	10365.3	3988.5
62.5°	10841.4	10824.5	10942.7	12071.6	12741.2	12847.1	12664.4	12007.1	11855.0	10770.7	5281.7
65°	11612.3	11577.0	11796.6	12733.5	13261.8	13337.1	13177.3	12306.5	11988.6	11065.6	6496.5
67.5°	11945.6	11937.9	12291.2	13363.2	13808.6	13890.0	13750.2	12719.7	11957.9	11159.3	7032.5
70°	11793.6	11764.4	12329.6	13630.4	14117.3	14209.4	14074.3	12873.3	11624.6	10862.9	6238.5
71°	11626.2	11547.8	12214.4	13612.0	14160.3	14238.6	14002.1	12733.5	11289.8	10442.0	5518.2
72.5°	11107.1	11120.9	11898.0	13420.0	14057.4	14034.3	13593.6	12232.8	10885.9	9486.8	4432.4
75°	9829.3	9910.7	10873.6	12613.7	13139.0	12845.6	12171.4	11276.0	10075.0	6802.2	3077.8
77.5°	8032.3	8153.7	9211.9	11062.5	10913.5	10884.4	10856.7	9935.2	8603.7	3653.7	2140.9
80°	3834.9	4097.6	5556.6	7897.2	8579.1	8909.3	8702.0	8006.2	6653.2	1740.1	1279.3
82.5°	250.3	247.3	350.2	663.5	2796.7	3615.3	5744.0	5722.5	4638.2	847.8	522.2
85°	118.3	121.3	133.6	152.0	176.6	193.5	267.2	1566.5	2219.3	403.9	113.7
87.5°	69.1	70.6	82.9	106.0	138.2	153.6	182.8	235.0	288.7	222.7	24.6
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: P1048585

CATALOG NUMBER: GALN-SA7A-835-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
2.5°	125.9	124.4	119.8	115.2	110.6	107.5	106.0	107.5	107.5	109.0	109.0
5°	125.9	121.3	113.7	104.4	98.3	92.1	89.1	87.5	89.1	89.1	89.1
7.5°	124.4	116.7	106.0	95.2	87.5	79.9	76.8	75.3	75.3	76.8	76.8
10°	121.3	113.7	99.8	87.5	78.3	69.1	64.5	59.9	59.9	59.9	61.4
12.5°	119.8	109.0	92.1	79.9	67.6	56.8	47.6	43.0	44.5	44.5	44.5
15°	116.7	104.4	87.5	72.2	56.8	43.0	35.3	30.7	32.3	33.8	32.3
17.5°	116.7	102.9	81.4	63.0	44.5	32.3	26.1	23.0	23.0	24.6	24.6
20°	116.7	99.8	76.8	53.8	33.8	24.6	18.4	16.9	16.9	20.0	21.5
22.5°	119.8	99.8	70.6	44.5	27.6	18.4	13.8	12.3	13.8	16.9	18.4
25°	124.4	98.3	64.5	39.9	23.0	13.8	10.8	7.7	9.2	12.3	13.8
27.5°	129.0	96.8	58.4	35.3	18.4	10.8	7.7	6.1	4.6	6.1	6.1
30°	133.6	96.8	52.2	29.2	15.4	7.7	4.6	3.1	1.5	0.0	0.0
32.5°	136.7	93.7	47.6	23.0	12.3	6.1	3.1	1.5	0.0	0.0	0.0
35°	139.8	90.6	41.5	18.4	9.2	4.6	1.5	0.0	0.0	0.0	0.0
37.5°	142.8	86.0	35.3	15.4	7.7	3.1	0.0	0.0	0.0	0.0	0.0
40°	145.9	79.9	29.2	13.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	149.0	75.3	24.6	10.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	156.7	72.2	20.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	170.5	69.1	18.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	190.4	66.0	16.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	218.1	64.5	15.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	267.2	63.0	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	351.7	61.4	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	539.1	58.4	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	963.0	56.8	12.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1678.7	58.4	12.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2406.6	61.4	10.8	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	2059.5	53.8	10.8	6.1	3.1	1.5	0.0	0.0	0.0	0.0	0.0
71°	1678.7	47.6	10.8	6.1	3.1	1.5	1.5	0.0	0.0	0.0	0.0
72.5°	1079.7	36.9	9.2	6.1	3.1	3.1	1.5	0.0	0.0	0.0	0.0
75°	456.1	30.7	9.2	6.1	4.6	3.1	3.1	1.5	0.0	0.0	0.0
77.5°	195.0	23.0	9.2	7.7	6.1	4.6	4.6	3.1	1.5	0.0	0.0
80°	73.7	18.4	10.8	9.2	7.7	7.7	6.1	3.1	1.5	0.0	0.0
82.5°	33.8	15.4	10.8	9.2	9.2	7.7	6.1	4.6	3.1	0.0	0.0
85°	21.5	13.8	10.8	9.2	9.2	7.7	7.7	4.6	3.1	0.0	0.0
87.5°	16.9	13.8	10.8	10.8	9.2	9.2	6.1	4.6	1.5	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

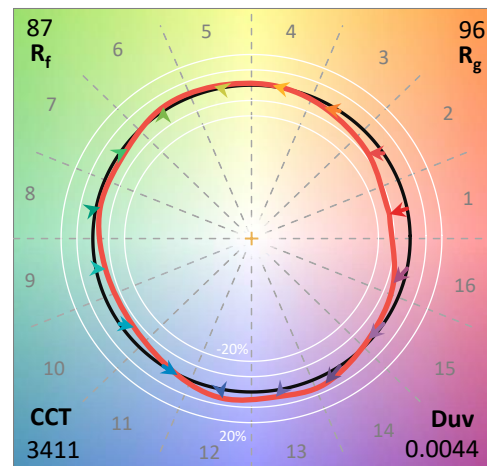
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

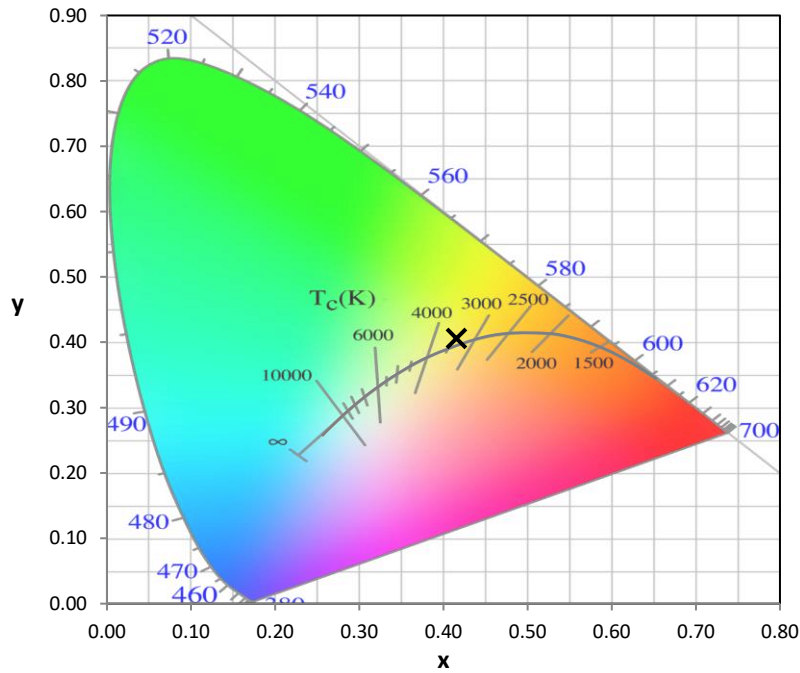
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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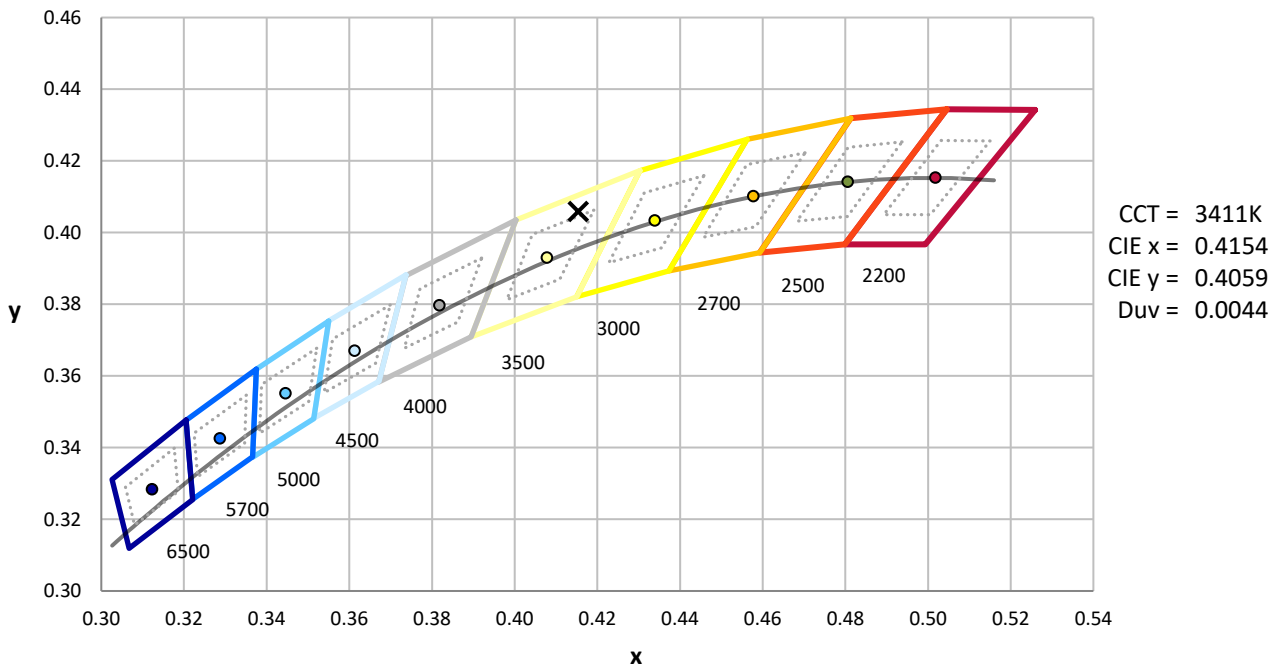
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



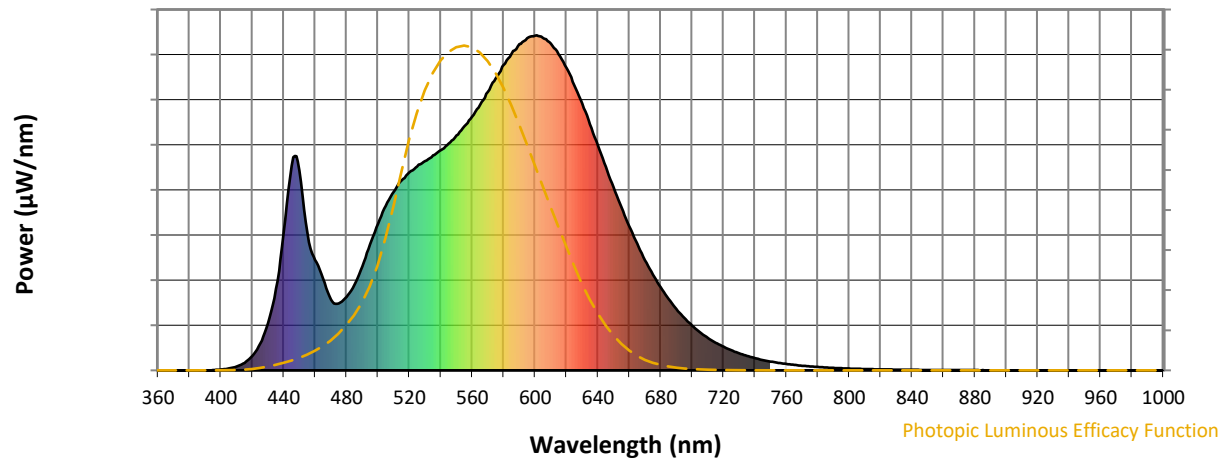
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

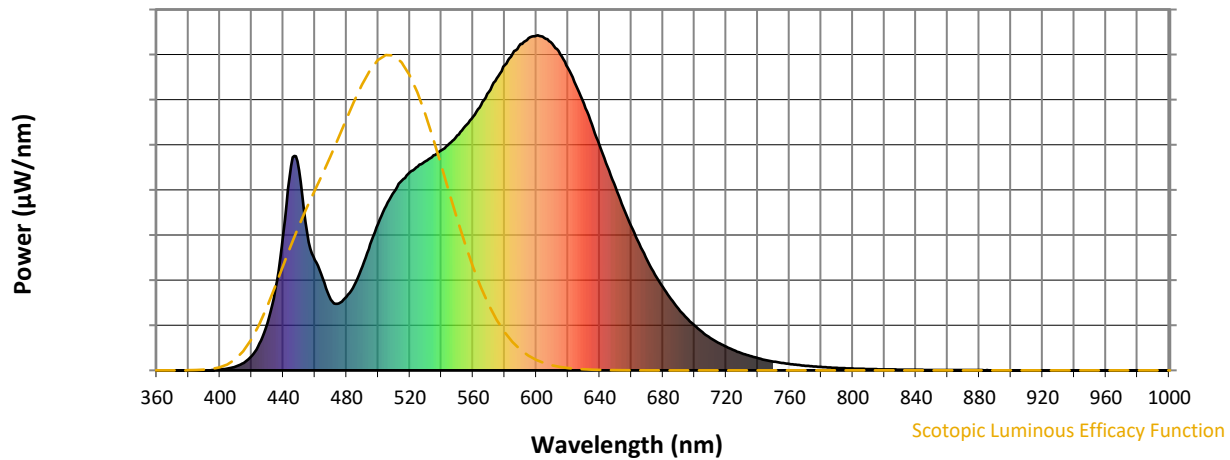


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



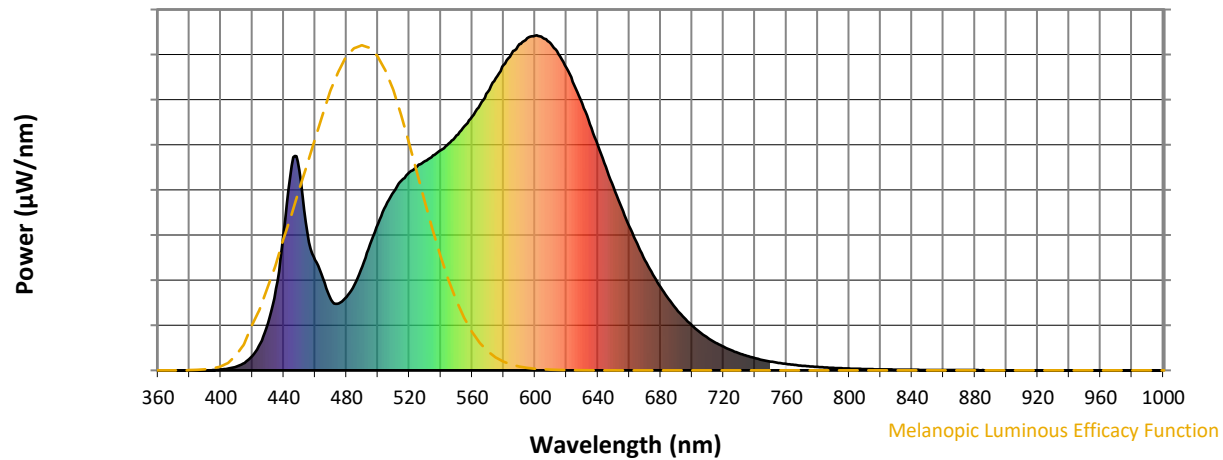
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

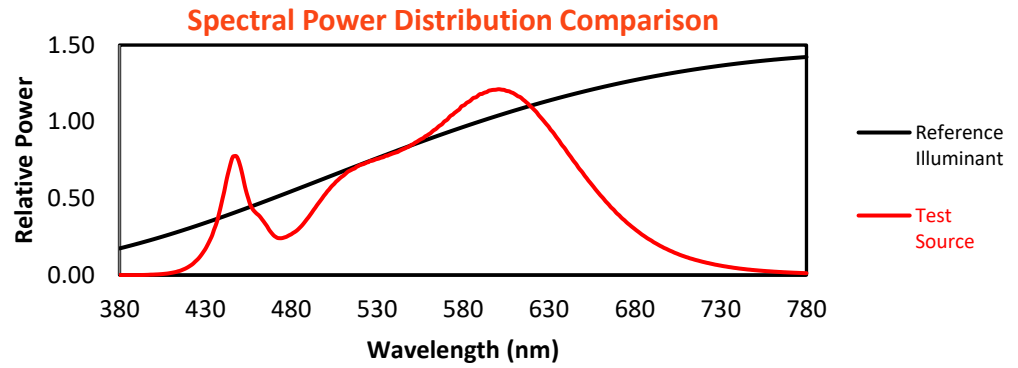
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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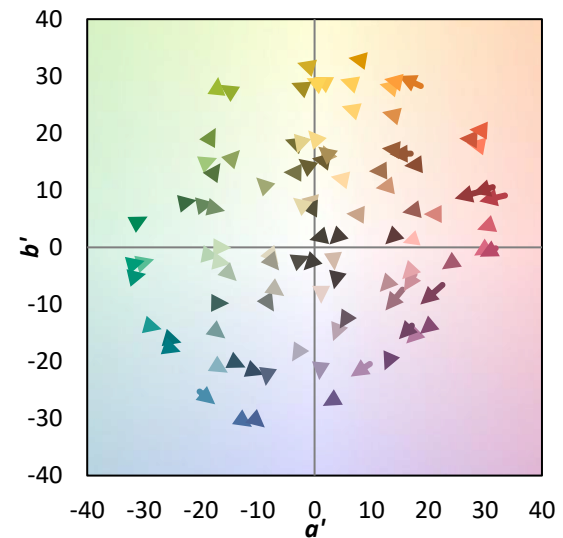
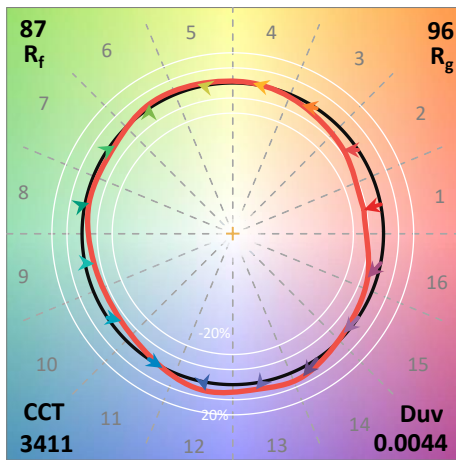
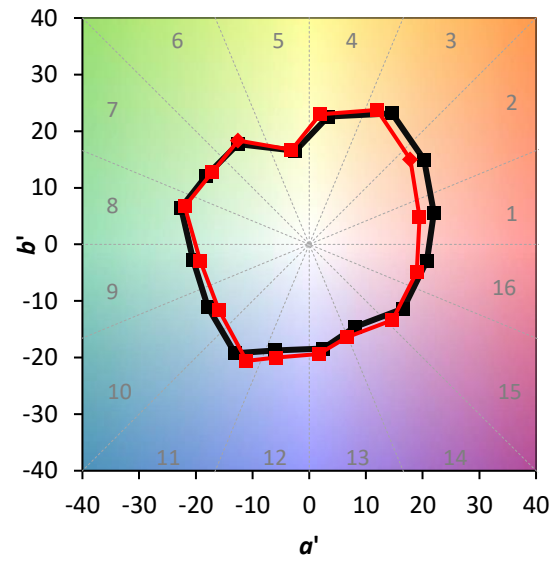
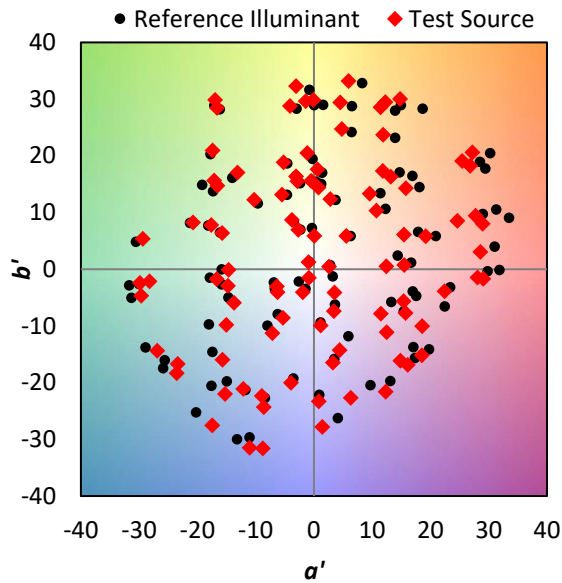
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

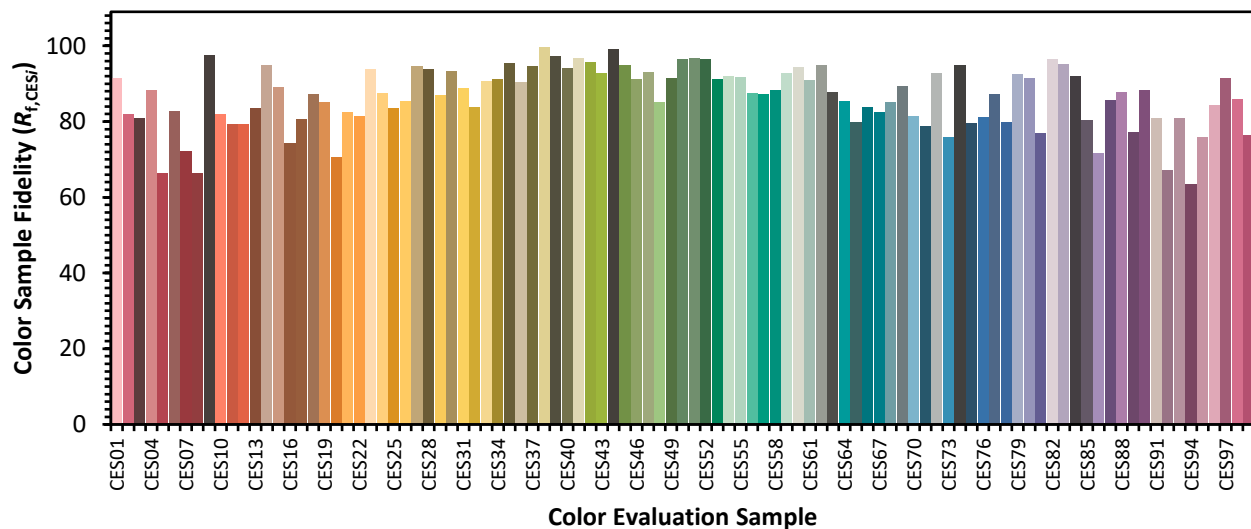


Color Vector Graphics

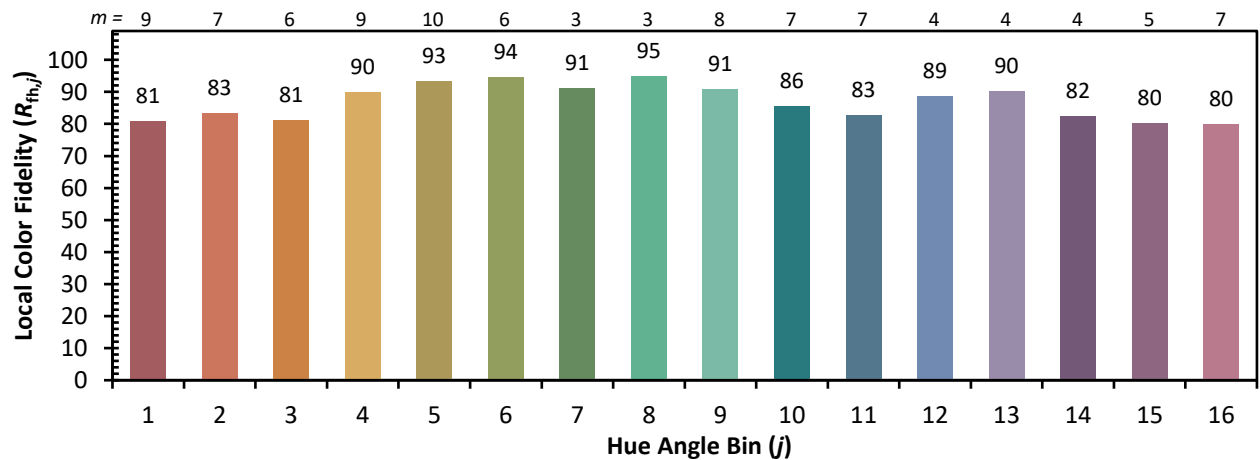
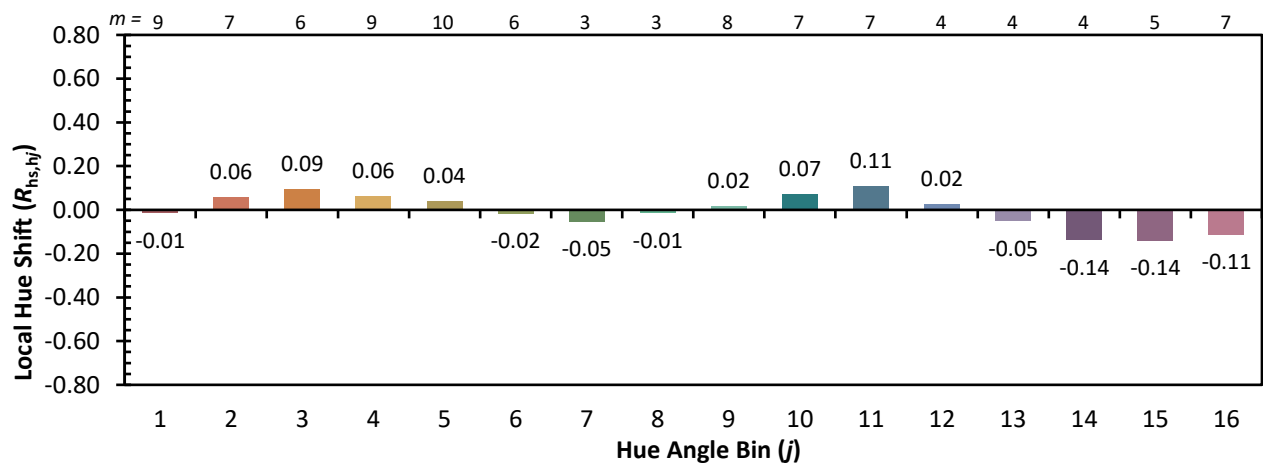
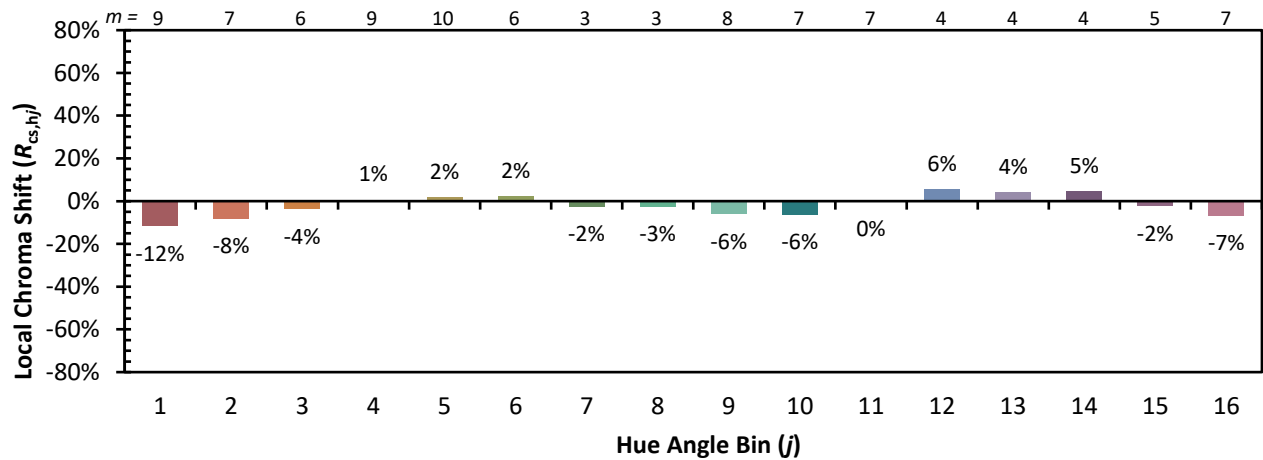


Individual Sample Fidelity Index ($R_{f,i}$)

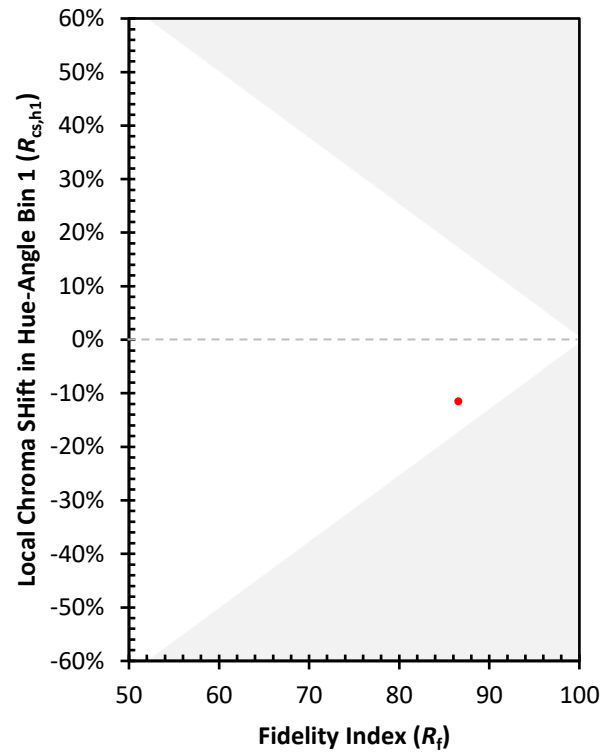
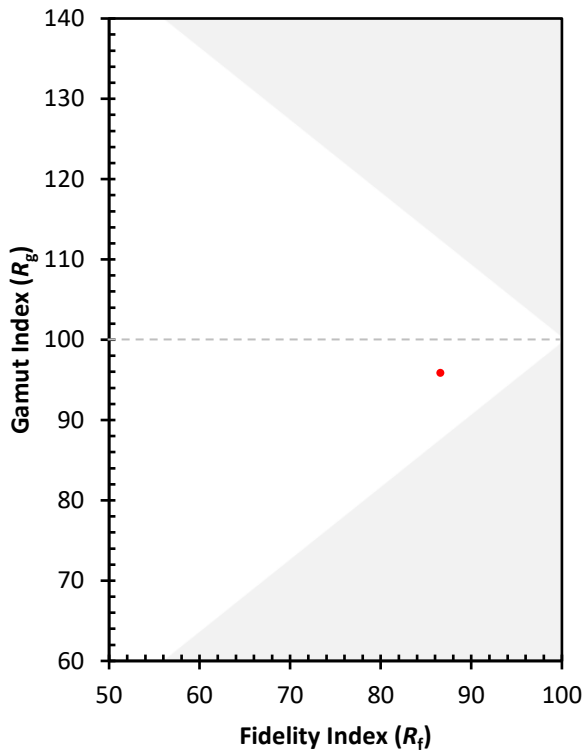
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)