

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: P1048509

Luminaire Tested: **GALN-SA6A-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048509
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18586.3 lumens
Efficiency: N/A
Efficacy: 114.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 162.9
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



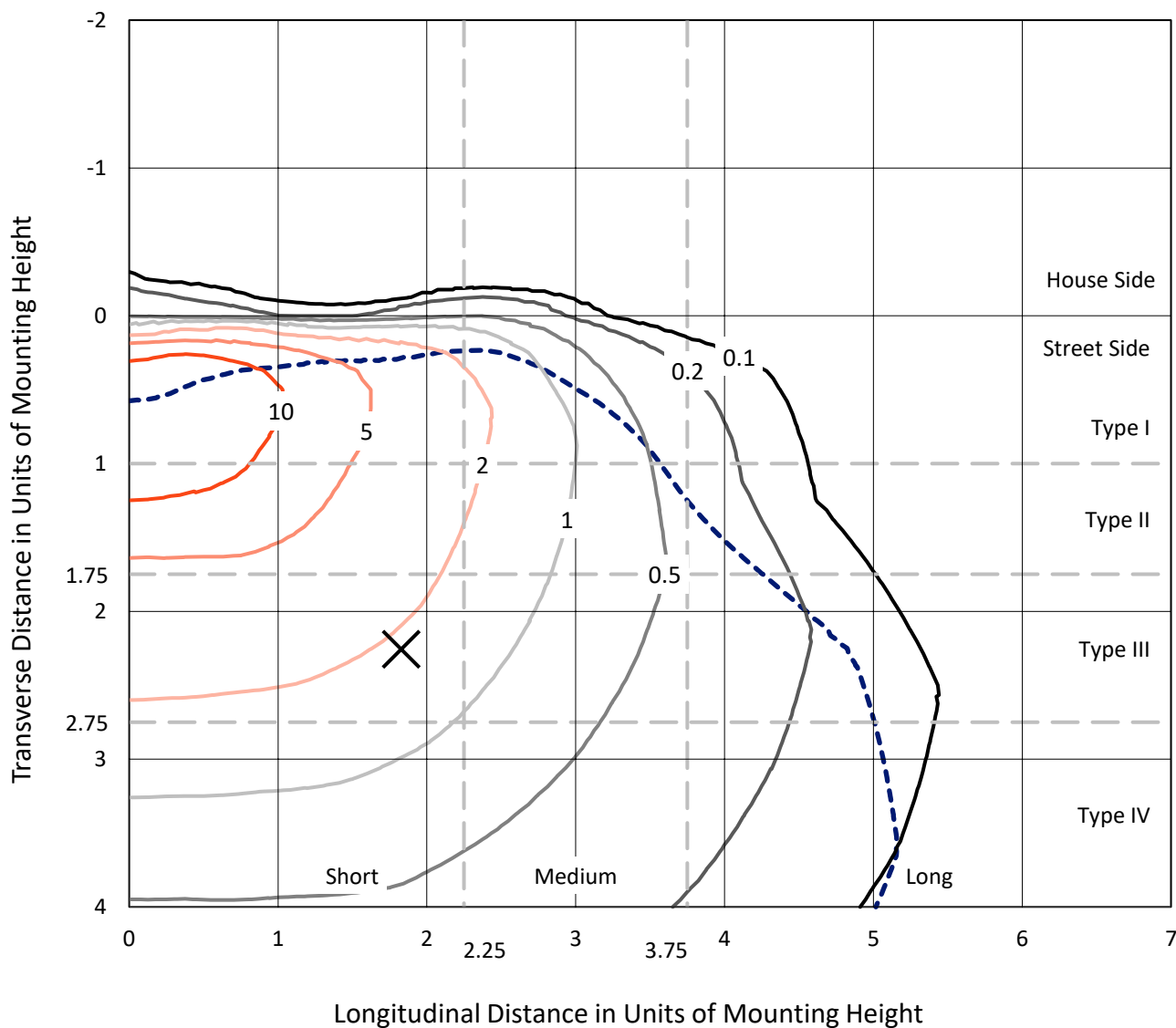
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CATALOG NUMBER: GALN-SA6A-827-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

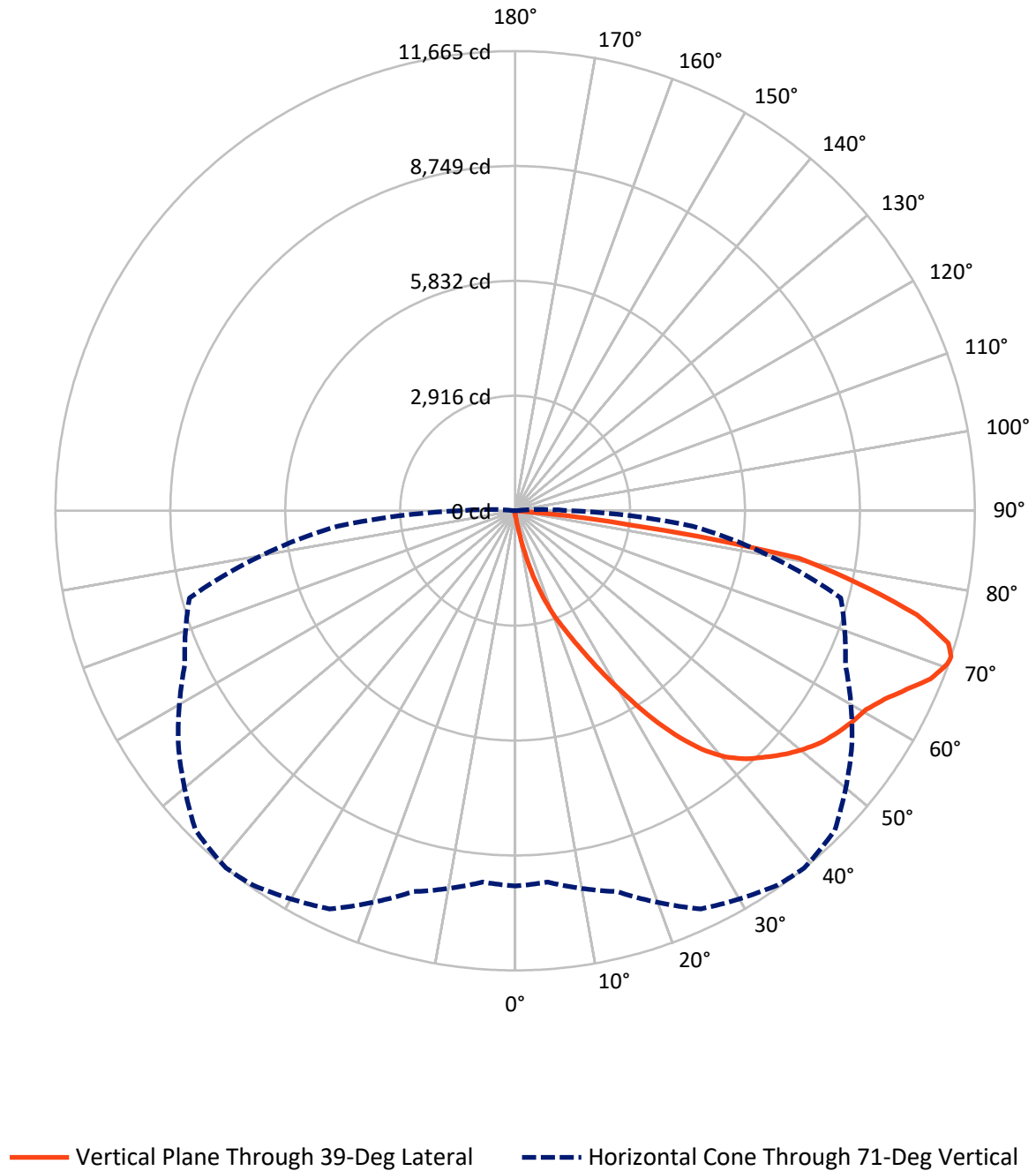


Based on 15 foot mounting height. Maximum calculated value = 19.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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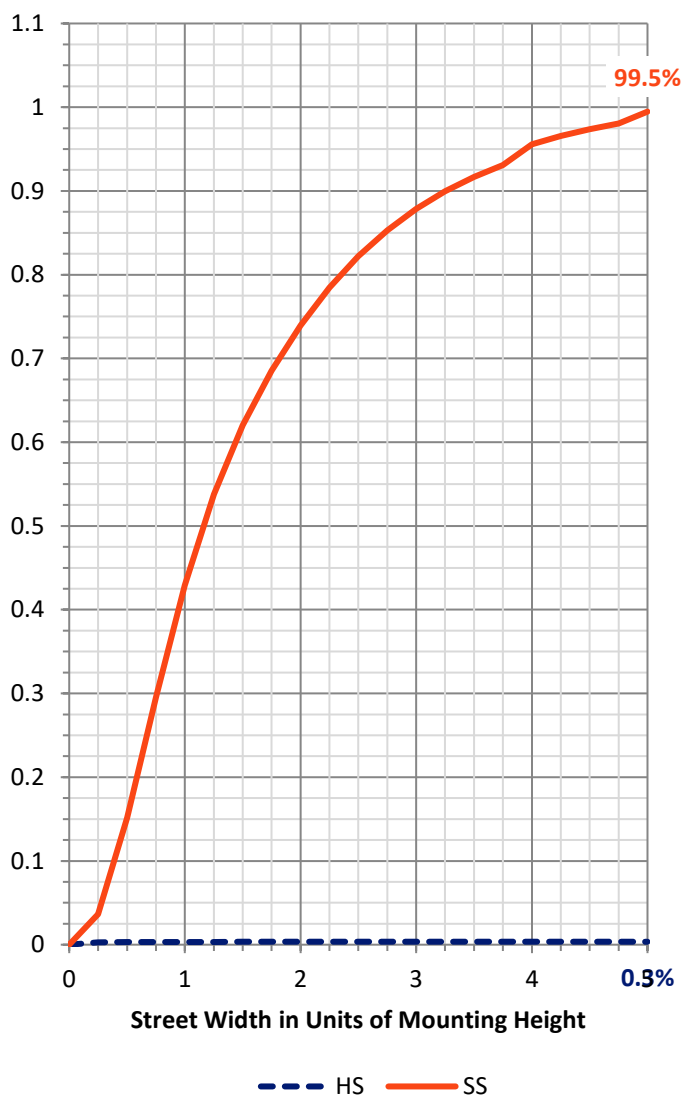
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.0	0.0	66.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18520.3	0.0	18520.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	18586.3	0.0	18586.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.5	0.1
10°-20°	198.6	1.1
20°-30°	707.4	3.8
30°-40°	1705.0	9.2
40°-50°	2853.4	15.4
50°-60°	3664.9	19.7
60°-70°	4638.0	25.0
70°-80°	4134.9	22.2
80°-90°	668.4	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°	18586.3	100.0
0°-180°	18586.3	100.0



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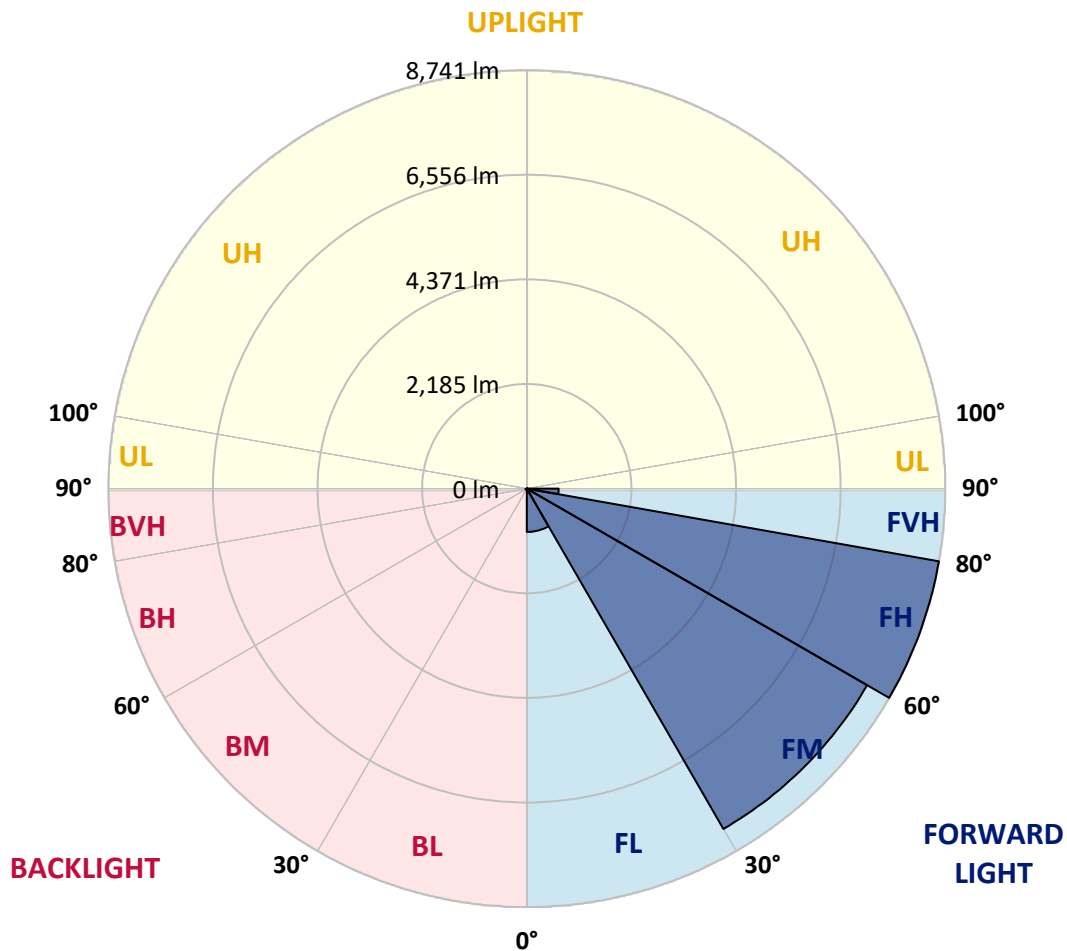
CATALOG NUMBER: GALN-SA6A-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	905.7	4.9			
FM	(30°-60°)	8208.1	44.2			
FH	(60°-80°)	8741.2	47.0			G4/12000
FVH	(80°-90°)	665.4	3.6			G4/750
BL	(0°-30°)	16.0	0.1	B0/110		
BM	(30°-60°)	15.3	0.1	B0/220		
BH	(60°-80°)	31.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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 IV Short



REPORT NUMBER: P1048509

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9
2.5°	117.0	117.0	117.0	113.2	113.2	112.0	110.7	110.7	108.2	106.9	104.4
5°	177.4	173.6	164.8	159.8	149.7	143.4	137.1	128.3	119.5	113.2	105.7
7.5°	401.4	410.2	381.2	327.1	271.8	247.9	207.6	167.3	138.4	119.5	106.9
10°	1022.9	1017.9	919.7	811.5	626.6	552.3	432.8	273.0	178.7	130.9	108.2
12.5°	1740.1	1735.0	1619.3	1472.1	1228.0	1073.2	846.8	509.6	256.7	148.5	108.2
15°	2342.8	2322.6	2286.1	2140.2	1854.6	1725.0	1425.5	900.9	415.2	178.7	110.7
17.5°	2741.6	2724.0	2690.0	2637.2	2456.0	2302.5	2062.2	1415.5	671.9	231.5	115.8
20°	3107.7	3095.2	3067.5	3057.4	2940.4	2858.6	2659.8	2006.8	1046.8	314.5	123.3
22.5°	3611.0	3584.6	3595.9	3535.5	3421.0	3322.9	3200.8	2625.9	1504.8	452.9	137.1
25°	4227.5	4214.9	4183.5	4140.7	3982.2	3896.6	3709.2	3209.7	2016.9	634.1	152.2
27.5°	4972.4	4958.5	4951.0	4852.9	4670.4	4577.3	4315.6	3760.7	2593.1	888.3	172.4
30°	5830.5	5836.8	5787.7	5661.9	5449.2	5318.4	5049.1	4338.3	3183.2	1186.5	193.8
32.5°	6718.8	6706.2	6630.7	6482.2	6292.2	6170.2	5828.0	4971.1	3802.3	1580.3	218.9
35°	7676.2	7652.3	7453.5	7283.7	7121.4	6967.9	6655.8	5705.9	4421.3	2021.9	252.9
37.5°	8642.5	8530.6	8131.7	7916.6	7804.6	7678.8	7388.1	6489.8	5036.5	2515.1	294.4
40°	9372.3	9285.5	8812.4	8416.1	8326.7	8219.8	8003.4	7166.7	5690.8	3044.8	344.7
42.5°	9776.2	9728.4	9303.1	8911.8	8701.7	8607.3	8422.3	7758.0	6337.5	3629.9	417.7
45°	9948.5	9874.3	9590.0	9407.5	9072.8	8916.8	8696.6	8204.7	7013.2	4294.2	519.6
47.5°	9895.7	9852.9	9649.1	9715.8	9472.9	9230.1	8906.8	8546.9	7590.7	5056.7	659.3
50°	9563.5	9527.0	9464.1	9825.2	9795.0	9508.2	9178.5	8817.4	8062.5	5843.1	875.7
52.5°	8931.9	8916.8	9077.9	9739.7	9977.5	9753.5	9440.2	9056.5	8502.9	6664.7	1185.2
55°	8117.9	8179.5	8640.0	9606.3	10070.6	9934.7	9671.7	9280.4	8856.4	7399.4	1641.9
57.5°	7783.2	7799.5	8374.5	9511.9	10112.1	10094.5	9897.0	9494.3	9181.0	7987.0	2339.0
60°	8174.5	8149.3	8452.5	9583.7	10195.1	10237.9	10097.0	9693.1	9462.9	8491.5	3267.5
62.5°	8881.6	8867.7	8964.6	9889.4	10438.0	10524.8	10375.1	9836.6	9712.0	8823.7	4326.9
65°	9513.2	9484.3	9664.2	10431.7	10864.5	10926.2	10795.3	10081.9	9821.5	9065.3	5322.2
67.5°	9786.2	9779.9	10069.3	10947.5	11312.4	11379.1	11264.6	10420.4	9796.3	9142.0	5761.3
70°	9661.7	9637.8	10100.8	11166.5	11565.3	11640.8	11530.1	10546.2	9523.3	8899.2	5110.8
71°	9524.5	9460.4	10006.4	11151.4	11600.5	11664.7	11471.0	10431.7	9249.0	8554.5	4520.7
72.5°	9099.3	9110.6	9747.2	10994.1	11516.2	11497.4	11136.3	10021.5	8918.1	7771.9	3631.1
75°	8052.4	8119.1	8908.0	10333.5	10763.8	10523.5	9971.2	9237.7	8253.8	5572.5	2521.4
77.5°	6580.4	6679.8	7546.6	9062.8	8940.7	8916.8	8894.2	8139.3	7048.4	2993.2	1753.9
80°	3141.7	3356.9	4552.1	6469.6	7028.3	7298.8	7128.9	6559.0	5450.5	1425.5	1048.1
82.5°	205.1	202.6	286.9	543.5	2291.2	2961.8	4705.6	4688.0	3799.7	694.5	427.8
85°	96.9	99.4	109.5	124.6	144.7	158.5	218.9	1283.4	1818.1	330.9	93.1
87.5°	56.6	57.9	67.9	86.8	113.2	125.8	149.7	192.5	236.5	182.4	20.1
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: P1048509

CATALOG NUMBER: GALN-SA6A-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9	101.9
2.5°	103.2	101.9	98.1	94.4	90.6	88.1	86.8	88.1	88.1	89.3	89.3
5°	103.2	99.4	93.1	85.6	80.5	75.5	73.0	71.7	73.0	73.0	73.0
7.5°	101.9	95.6	86.8	78.0	71.7	65.4	62.9	61.7	61.7	62.9	62.9
10°	99.4	93.1	81.8	71.7	64.2	56.6	52.8	49.1	49.1	49.1	50.3
12.5°	98.1	89.3	75.5	65.4	55.4	46.6	39.0	35.2	36.5	36.5	36.5
15°	95.6	85.6	71.7	59.1	46.6	35.2	28.9	25.2	26.4	27.7	26.4
17.5°	95.6	84.3	66.7	51.6	36.5	26.4	21.4	18.9	18.9	20.1	20.1
20°	95.6	81.8	62.9	44.0	27.7	20.1	15.1	13.8	13.8	16.4	17.6
22.5°	98.1	81.8	57.9	36.5	22.6	15.1	11.3	10.1	11.3	13.8	15.1
25°	101.9	80.5	52.8	32.7	18.9	11.3	8.8	6.3	7.5	10.1	11.3
27.5°	105.7	79.3	47.8	28.9	15.1	8.8	6.3	5.0	3.8	5.0	5.0
30°	109.5	79.3	42.8	23.9	12.6	6.3	3.8	2.5	1.3	0.0	0.0
32.5°	112.0	76.7	39.0	18.9	10.1	5.0	2.5	1.3	0.0	0.0	0.0
35°	114.5	74.2	34.0	15.1	7.5	3.8	1.3	0.0	0.0	0.0	0.0
37.5°	117.0	70.5	28.9	12.6	6.3	2.5	0.0	0.0	0.0	0.0	0.0
40°	119.5	65.4	23.9	11.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	122.0	61.7	20.1	8.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	128.3	59.1	16.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	139.7	56.6	15.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	156.0	54.1	13.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	178.7	52.8	12.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	218.9	51.6	11.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	288.1	50.3	11.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	441.6	47.8	11.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	788.9	46.6	10.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1375.2	47.8	10.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1971.6	50.3	8.8	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	1687.2	44.0	8.8	5.0	2.5	1.3	0.0	0.0	0.0	0.0	0.0
71°	1375.2	39.0	8.8	5.0	2.5	1.3	1.3	0.0	0.0	0.0	0.0
72.5°	884.5	30.2	7.5	5.0	2.5	2.5	1.3	0.0	0.0	0.0	0.0
75°	373.7	25.2	7.5	5.0	3.8	2.5	2.5	1.3	0.0	0.0	0.0
77.5°	159.8	18.9	7.5	6.3	5.0	3.8	3.8	2.5	1.3	0.0	0.0
80°	60.4	15.1	8.8	7.5	6.3	6.3	5.0	2.5	1.3	0.0	0.0
82.5°	27.7	12.6	8.8	7.5	7.5	6.3	5.0	3.8	2.5	0.0	0.0
85°	17.6	11.3	8.8	7.5	7.5	6.3	6.3	3.8	2.5	0.0	0.0
87.5°	13.8	11.3	8.8	8.8	7.5	7.5	5.0	3.8	1.3	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

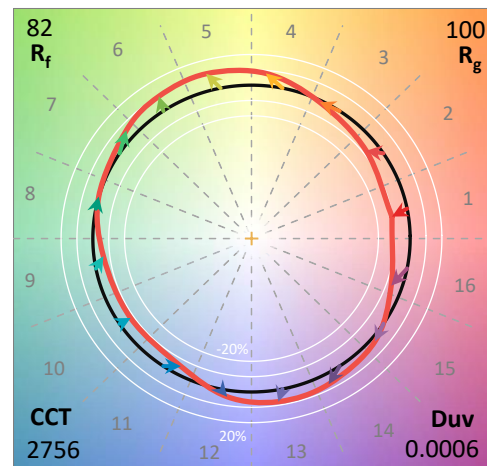
Test Information

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
 R_f: 82.2
 R_g: 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

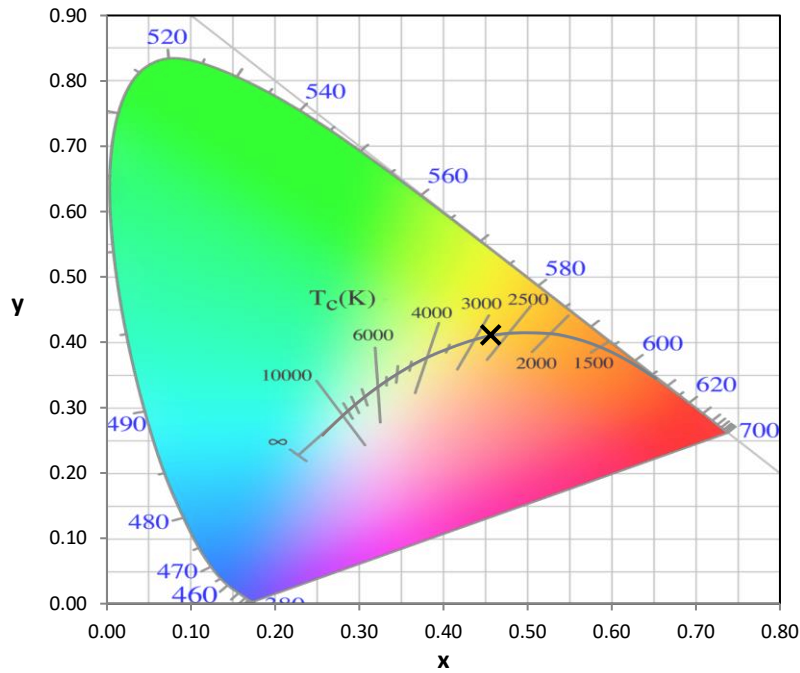
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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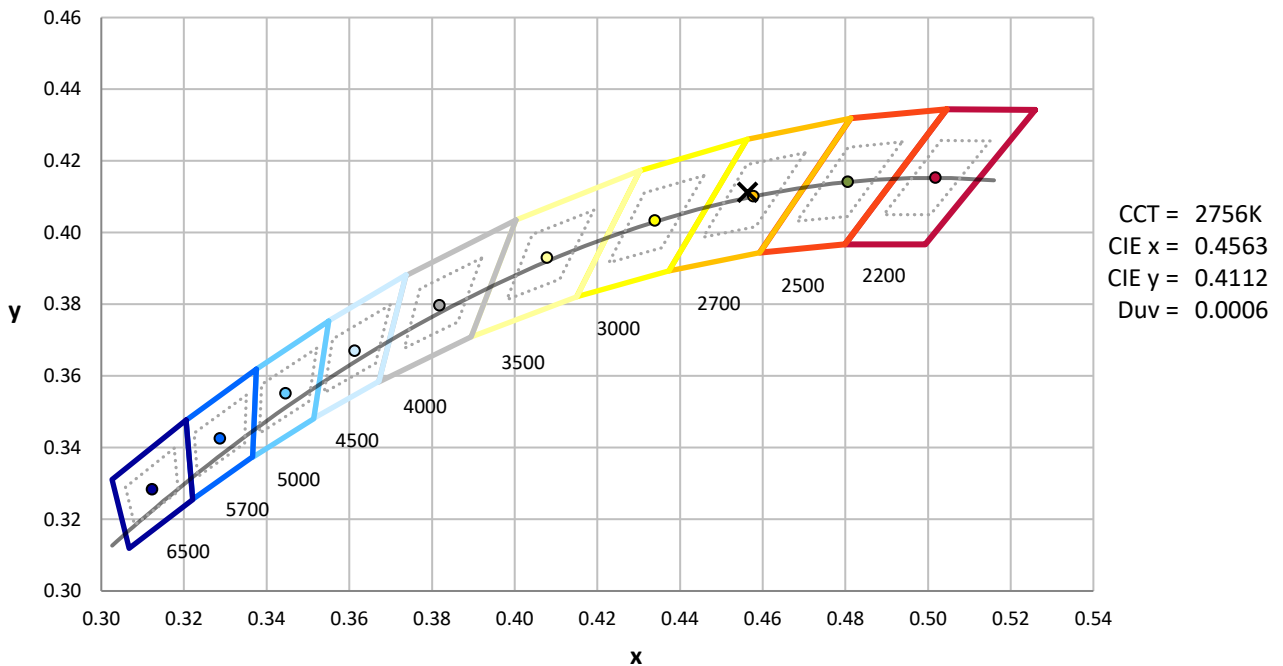
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

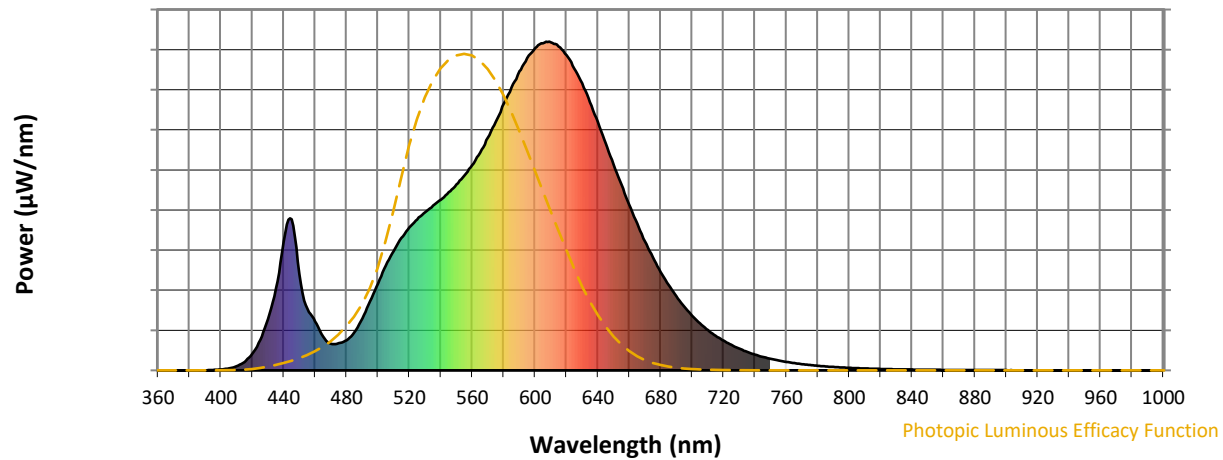


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

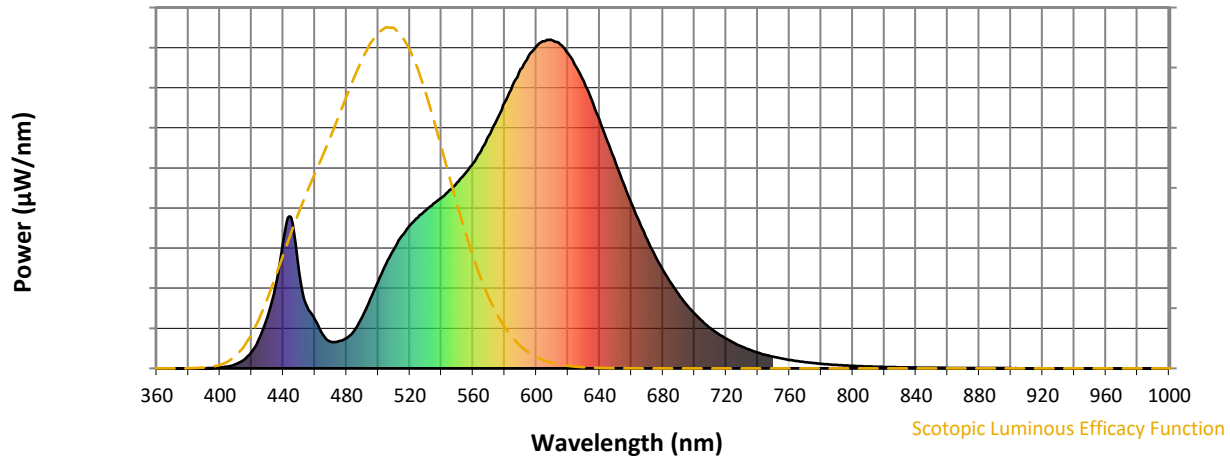


Photopic Lumens: NR

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	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



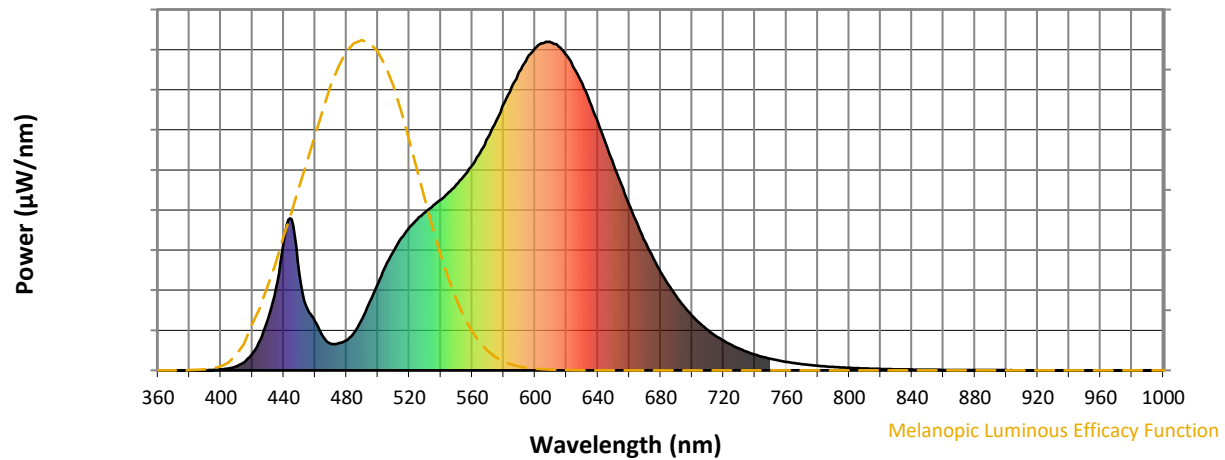
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power W ^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	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

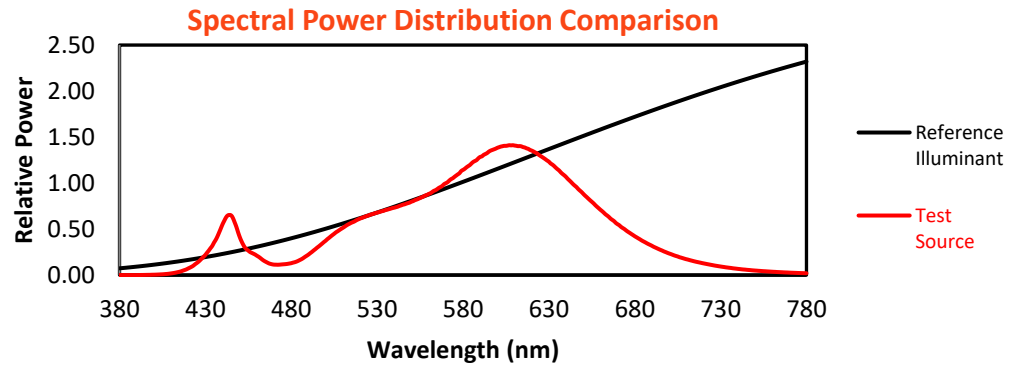
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	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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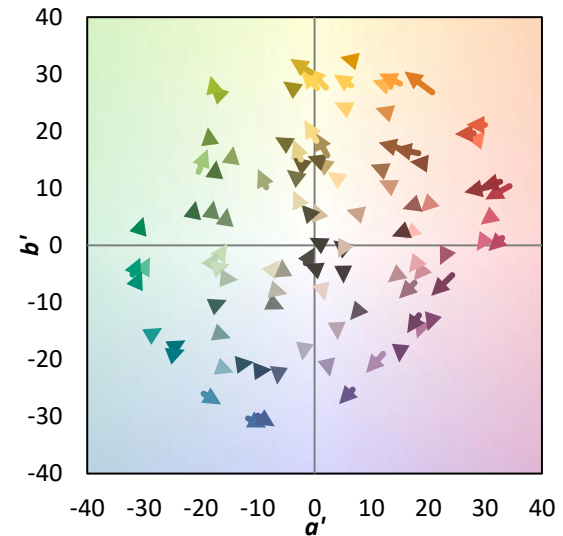
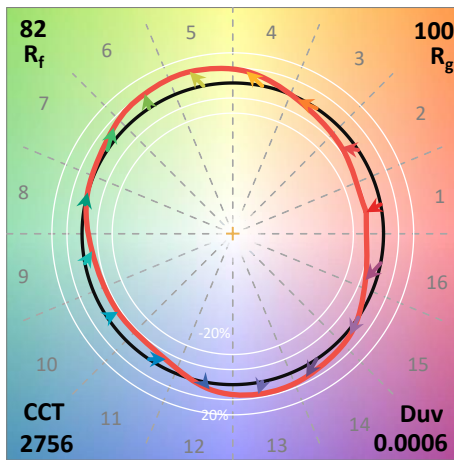
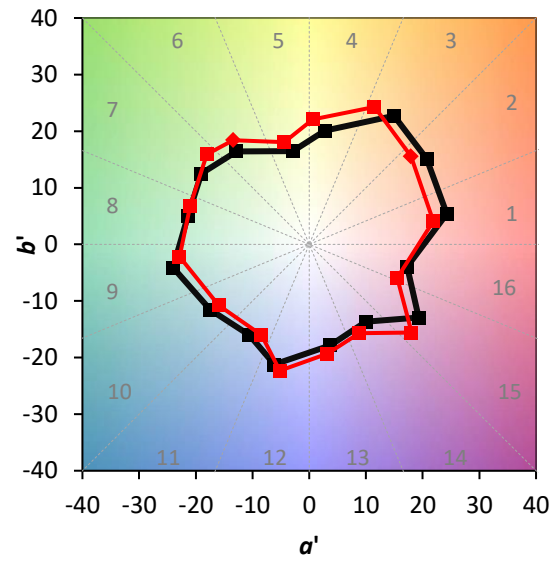
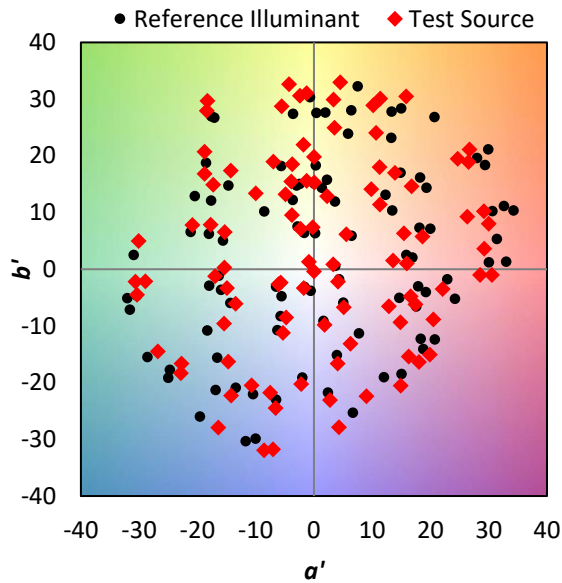
TM-30-18

Summary

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

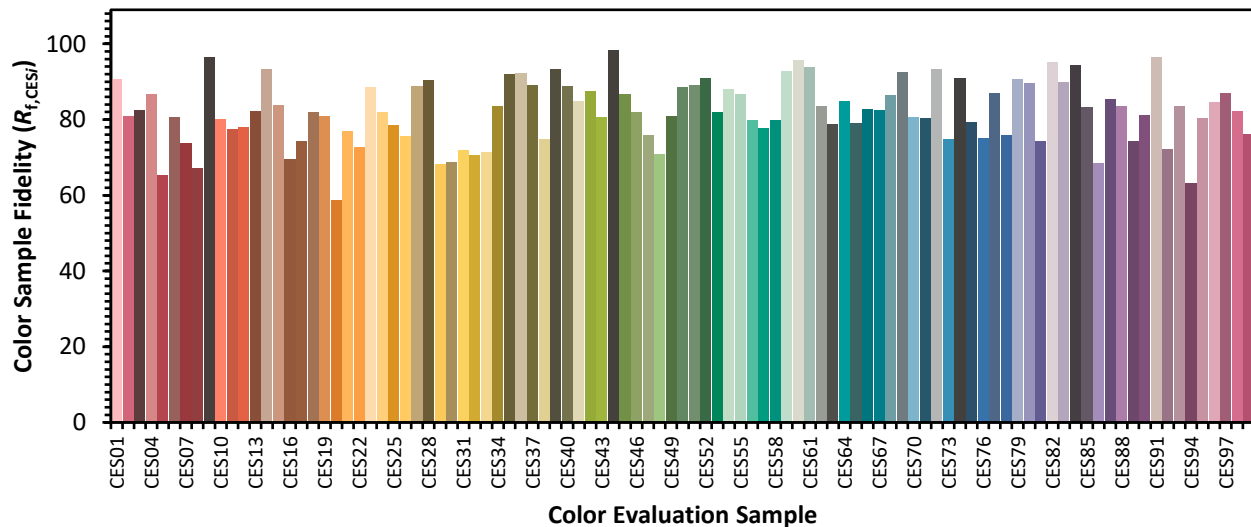


Color Vector Graphics

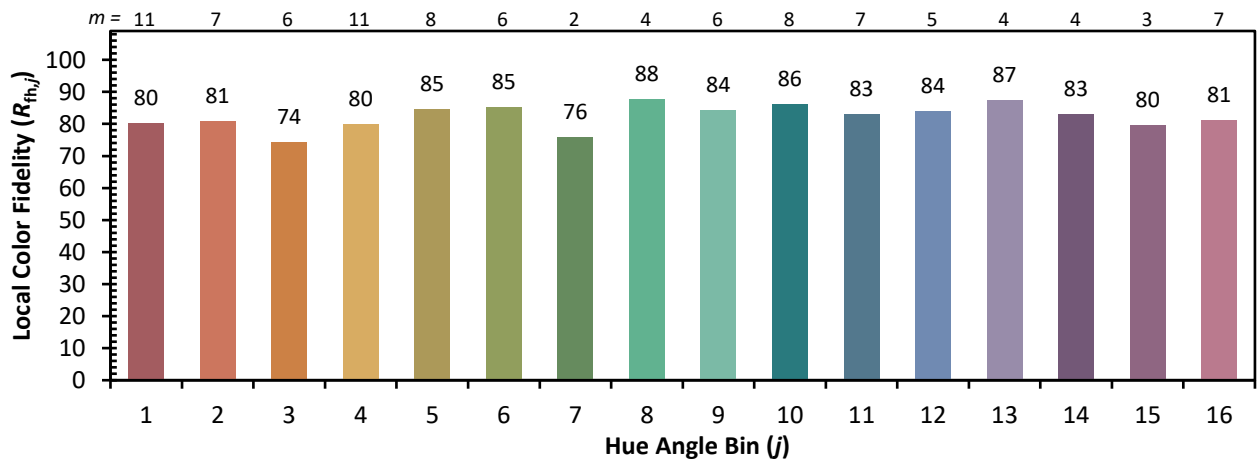
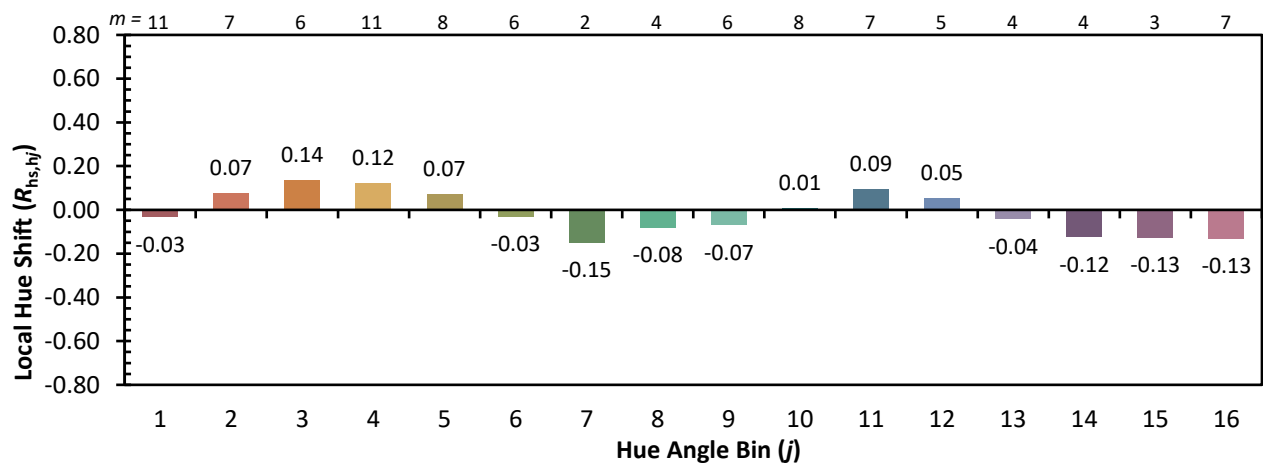
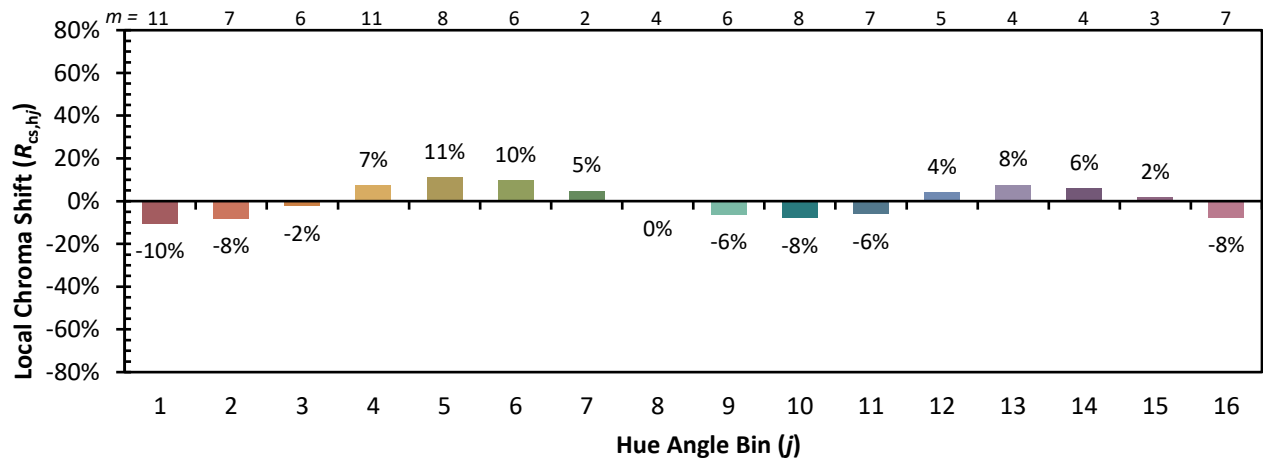


Individual Sample Fidelity Index ($R_{f,i}$)

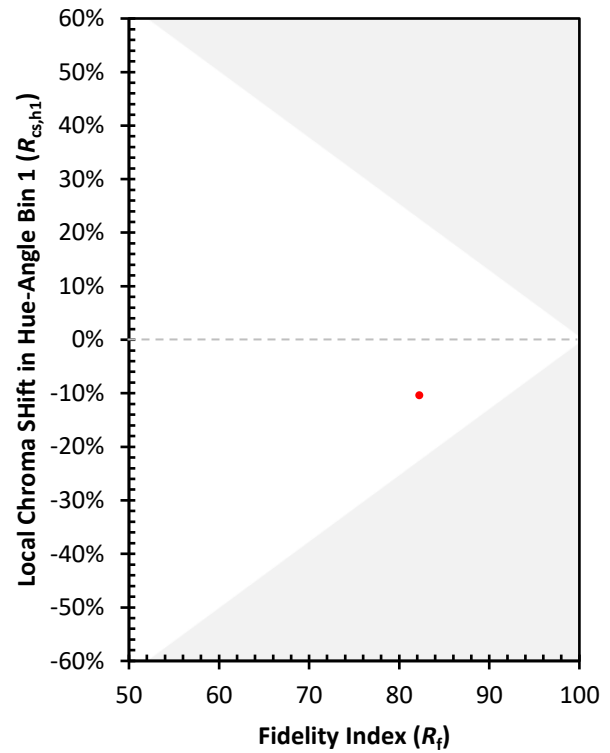
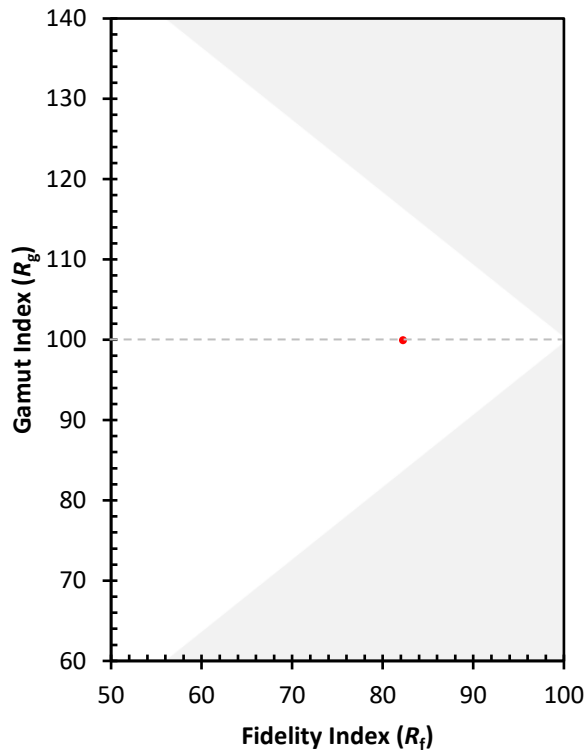
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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)