

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: P1048518

Luminaire Tested: **GALN-SA8B-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048518
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31160.2 lumens
Efficiency: N/A
Efficacy: 110.2 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): 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

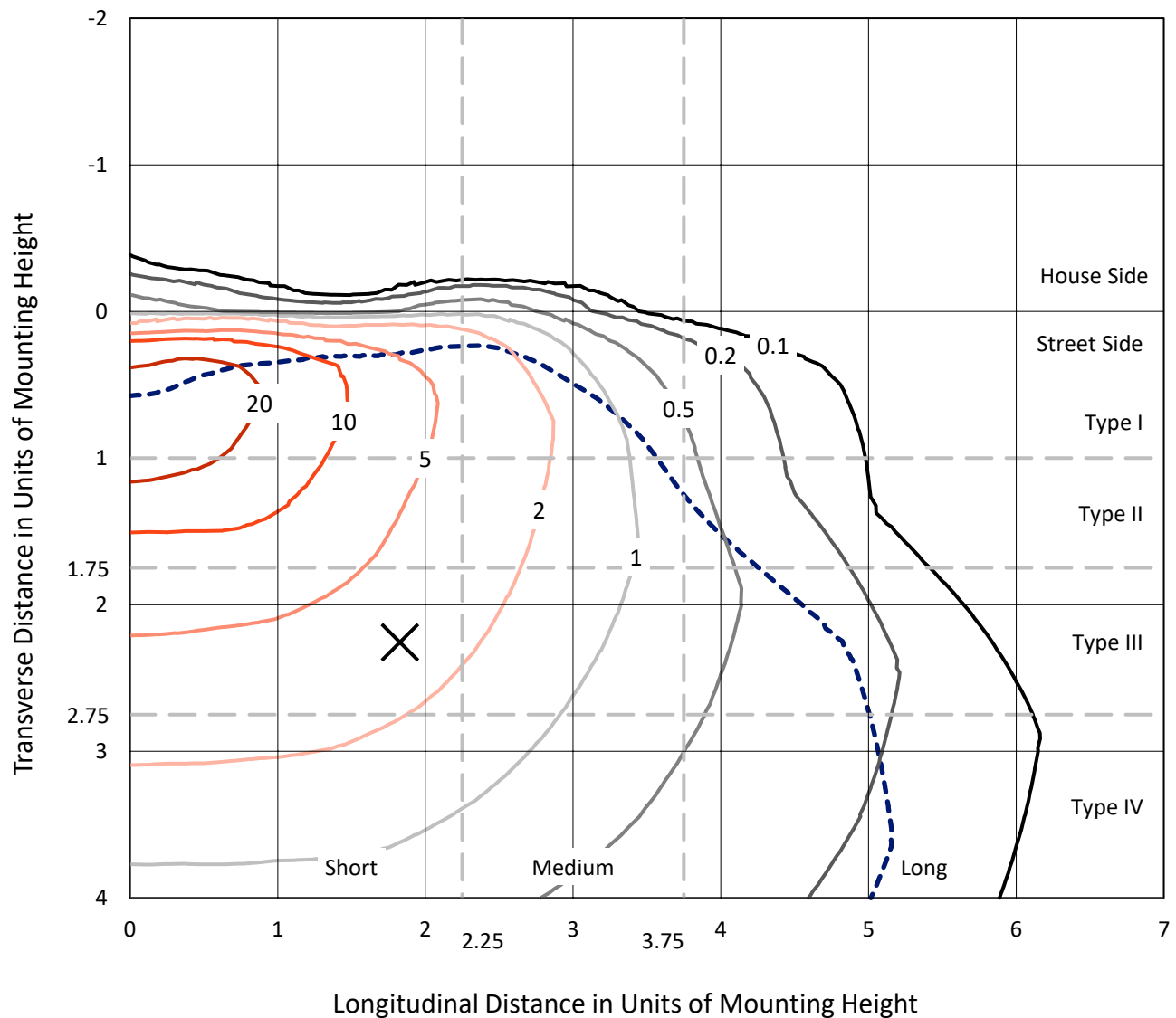


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

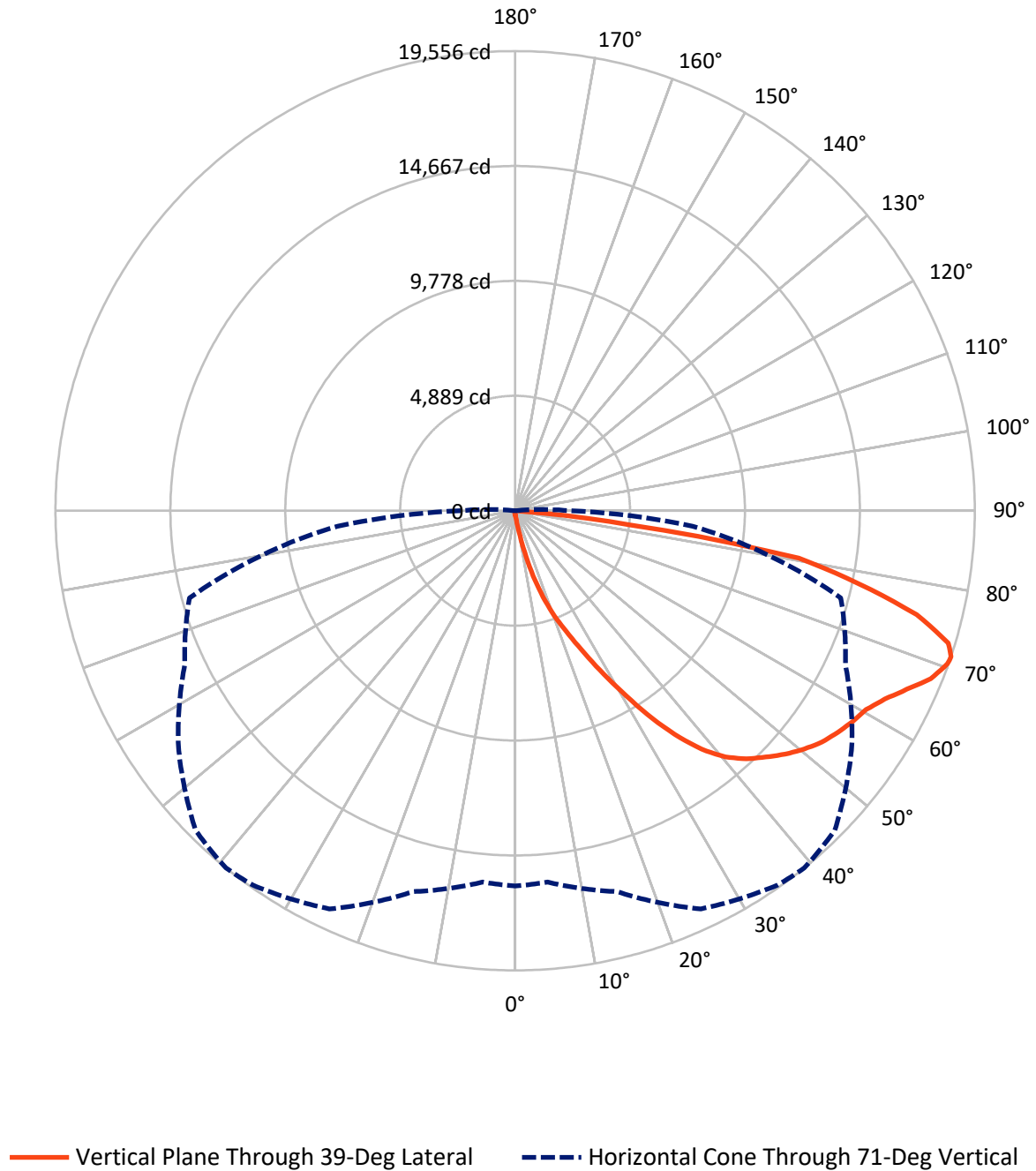


Based on 15 foot mounting height. Maximum calculated value = 32 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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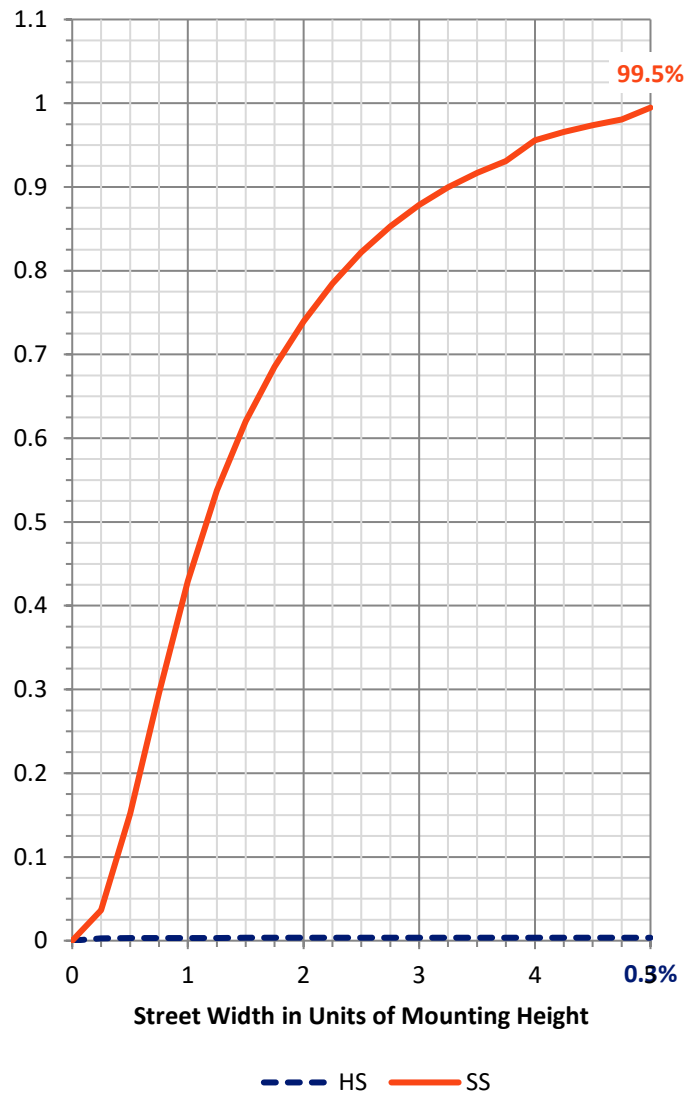
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	110.7	0.0	110.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31049.4	0.0	31049.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	31160.2	0.0	31160.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.0	0.1
10°-20°	333.0	1.1
20°-30°	1186.0	3.8
30°-40°	2858.5	9.2
40°-50°	4783.8	15.4
50°-60°	6144.3	19.7
60°-70°	7775.6	25.0
70°-80°	6932.3	22.2
80°-90°	1120.6	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°	31160.2	100.0
0°-180°	31160.2	100.0



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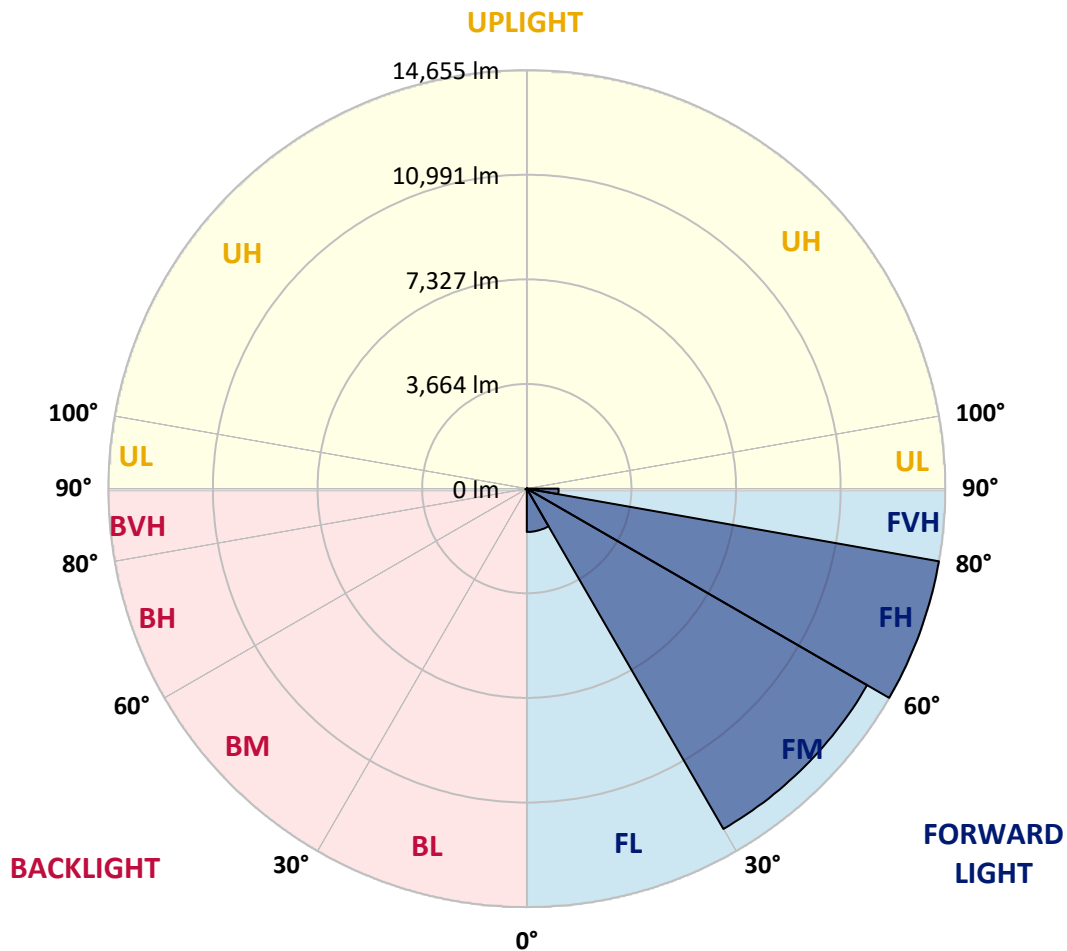
CATALOG NUMBER: GALN-SA8B-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1518.3	4.9			
FM	(30°-60°)	13761.0	44.2			
FH	(60°-80°)	14654.7	47.0			G5
FVH	(80°-90°)	1115.5	3.6			G5
BL	(0°-30°)	26.8	0.1	B0/110		
BM	(30°-60°)	25.6	0.1	B0/220		
BH	(60°-80°)	53.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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°	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
2.5°	196.2	196.2	196.2	189.8	189.8	187.7	185.6	185.6	181.4	179.3	175.1
5°	297.4	291.1	276.3	267.9	251.0	240.5	229.9	215.2	200.4	189.8	177.2
7.5°	672.9	687.7	639.1	548.4	455.6	415.5	348.0	280.5	232.0	200.4	179.3
10°	1714.9	1706.5	1542.0	1360.5	1050.5	926.0	725.6	457.7	299.5	219.4	181.4
12.5°	2917.3	2908.8	2714.8	2468.0	2058.8	1799.3	1419.6	854.3	430.3	248.9	181.4
15°	3927.7	3893.9	3832.7	3588.1	3109.2	2892.0	2389.9	1510.3	696.1	299.5	185.6
17.5°	4596.3	4566.8	4509.8	4421.3	4117.5	3860.2	3457.3	2373.1	1126.4	388.1	194.1
20°	5210.2	5189.1	5142.7	5125.8	4929.6	4792.5	4459.2	3364.5	1755.0	527.3	206.7
22.5°	6053.9	6009.6	6028.6	5927.4	5735.4	5570.9	5366.3	4402.3	2522.8	759.4	229.9
25°	7087.5	7066.4	7013.7	6942.0	6676.2	6532.7	6218.4	5381.0	3381.3	1063.1	255.2
27.5°	8336.3	8313.1	8300.4	8135.9	7830.0	7673.9	7235.2	6304.9	4347.4	1489.2	289.0
30°	9774.9	9785.4	9703.1	9492.2	9135.7	8916.3	8464.9	7273.1	5336.7	1989.1	324.8
32.5°	11264.1	11243.0	11116.4	10867.5	10549.0	10344.4	9770.6	8334.2	6374.5	2649.4	367.0
35°	12869.3	12829.2	12496.0	12211.2	11939.1	11681.7	11158.6	9566.0	7412.4	3389.8	424.0
37.5°	14489.3	14301.6	13632.9	13272.2	13084.5	12873.5	12386.3	10880.2	8443.8	4216.6	493.6
40°	15712.8	15567.2	14774.1	14109.6	13959.9	13780.6	13417.8	12015.0	9540.7	5104.7	578.0
42.5°	16389.9	16309.7	15596.7	14940.7	14588.5	14430.3	14120.2	13006.4	10624.9	6085.6	700.3
45°	16678.9	16554.4	16077.7	15771.8	15210.7	14949.2	14580.0	13755.3	11757.7	7199.3	871.2
47.5°	16590.3	16518.5	16176.8	16288.6	15881.5	15474.4	14932.3	14329.0	12725.9	8477.6	1105.3
50°	16033.4	15972.2	15866.7	16472.1	16421.5	15940.6	15387.9	14782.5	13516.9	9796.0	1468.1
52.5°	14974.5	14949.2	15219.2	16328.7	16727.4	16351.9	15826.7	15183.3	14255.2	11173.4	1987.0
55°	13609.7	13713.1	14485.1	16105.1	16883.5	16655.6	16214.8	15558.8	14847.9	12405.3	2752.7
57.5°	13048.6	13076.0	14040.0	15946.9	16953.1	16923.5	16592.4	15917.4	15392.1	13390.3	3921.3
60°	13704.6	13662.4	14170.8	16067.1	17092.3	17164.0	16927.8	16250.6	15864.6	14236.2	5478.1
62.5°	14890.1	14866.9	15029.3	16579.7	17499.4	17644.9	17393.9	16491.1	16282.3	14793.1	7254.2
65°	15949.0	15900.5	16202.1	17488.9	18214.5	18317.8	18098.5	16902.4	16465.8	15198.1	8922.7
67.5°	16406.7	16396.2	16881.4	18353.7	18965.4	19077.2	18885.3	17469.9	16423.6	15326.7	9658.8
70°	16197.9	16157.8	16934.1	18720.7	19389.4	19516.0	19330.3	17680.8	15965.9	14919.6	8568.3
71°	15968.0	15860.4	16775.9	18695.4	19448.5	19556.0	19231.2	17488.9	15506.0	14341.7	7579.0
72.5°	15255.0	15274.0	16341.4	18431.7	19307.1	19275.5	18670.1	16801.2	14951.3	13029.6	6087.7
75°	13500.0	13611.8	14934.4	17324.3	18045.7	17642.8	16716.8	15487.1	13837.5	9342.4	4227.2
77.5°	11032.0	11198.7	12652.0	15193.8	14989.2	14949.2	14911.2	13645.6	11816.7	5018.2	2940.5
80°	5267.1	5627.8	7631.7	10846.4	11783.0	12236.5	11951.7	10996.2	9137.8	2389.9	1757.1
82.5°	343.8	339.6	480.9	911.3	3841.2	4965.5	7889.1	7859.5	6370.3	1164.4	717.2
85°	162.4	166.6	183.5	208.8	242.6	265.8	367.0	2151.6	3048.1	554.8	156.1
87.5°	94.9	97.0	113.9	145.5	189.8	210.9	251.0	322.7	396.6	305.9	33.8
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-SA8B-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9
2.5°	173.0	170.9	164.5	158.2	151.9	147.7	145.5	147.7	147.7	149.8	149.8
5°	173.0	166.6	156.1	143.4	135.0	126.6	122.3	120.2	122.3	122.3	122.3
7.5°	170.9	160.3	145.5	130.8	120.2	109.7	105.5	103.4	103.4	105.5	105.5
10°	166.6	156.1	137.1	120.2	107.6	94.9	88.6	82.3	82.3	82.3	84.4
12.5°	164.5	149.8	126.6	109.7	92.8	78.0	65.4	59.1	61.2	61.2	61.2
15°	160.3	143.4	120.2	99.1	78.0	59.1	48.5	42.2	44.3	46.4	44.3
17.5°	160.3	141.3	111.8	86.5	61.2	44.3	35.9	31.6	31.6	33.8	33.8
20°	160.3	137.1	105.5	73.8	46.4	33.8	25.3	23.2	23.2	27.4	29.5
22.5°	164.5	137.1	97.0	61.2	38.0	25.3	19.0	16.9	19.0	23.2	25.3
25°	170.9	135.0	88.6	54.8	31.6	19.0	14.8	10.5	12.7	16.9	19.0
27.5°	177.2	132.9	80.2	48.5	25.3	14.8	10.5	8.4	6.3	8.4	8.4
30°	183.5	132.9	71.7	40.1	21.1	10.5	6.3	4.2	2.1	0.0	0.0
32.5°	187.7	128.7	65.4	31.6	16.9	8.4	4.2	2.1	0.0	0.0	0.0
35°	192.0	124.5	57.0	25.3	12.7	6.3	2.1	0.0	0.0	0.0	0.0
37.5°	196.2	118.1	48.5	21.1	10.5	4.2	0.0	0.0	0.0	0.0	0.0
40°	200.4	109.7	40.1	19.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	204.6	103.4	33.8	14.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	215.2	99.1	27.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	234.1	94.9	25.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	261.6	90.7	23.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	299.5	88.6	21.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	367.0	86.5	19.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	483.0	84.4	19.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	740.4	80.2	19.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1322.6	78.0	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2305.6	80.2	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3305.4	84.4	14.8	6.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	2828.7	73.8	14.8	8.4	4.2	2.1	0.0	0.0	0.0	0.0	0.0
71°	2305.6	65.4	14.8	8.4	4.2	2.1	2.1	0.0	0.0	0.0	0.0
72.5°	1482.9	50.6	12.7	8.4	4.2	4.2	2.1	0.0	0.0	0.0	0.0
75°	626.5	42.2	12.7	8.4	6.3	4.2	4.2	2.1	0.0	0.0	0.0
77.5°	267.9	31.6	12.7	10.5	8.4	6.3	6.3	4.2	2.1	0.0	0.0
80°	101.3	25.3	14.8	12.7	10.5	10.5	8.4	4.2	2.1	0.0	0.0
82.5°	46.4	21.1	14.8	12.7	12.7	10.5	8.4	6.3	4.2	0.0	0.0
85°	29.5	19.0	14.8	12.7	12.7	10.5	10.5	6.3	4.2	0.0	0.0
87.5°	23.2	19.0	14.8	14.8	12.7	12.7	8.4	6.3	2.1	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

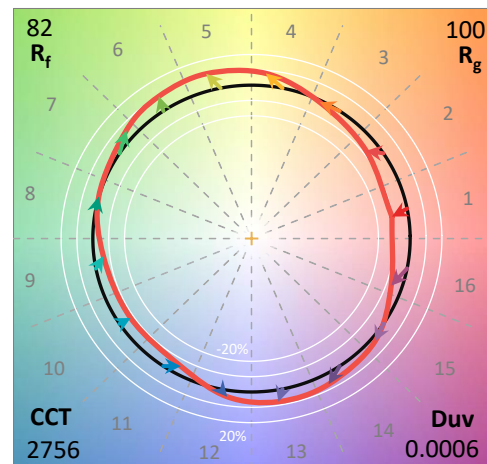
Test Information

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

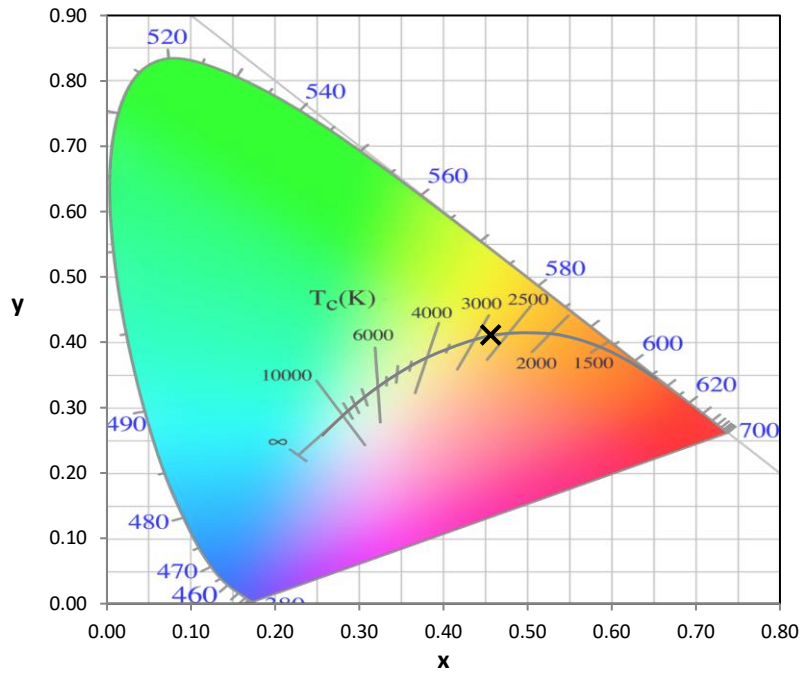
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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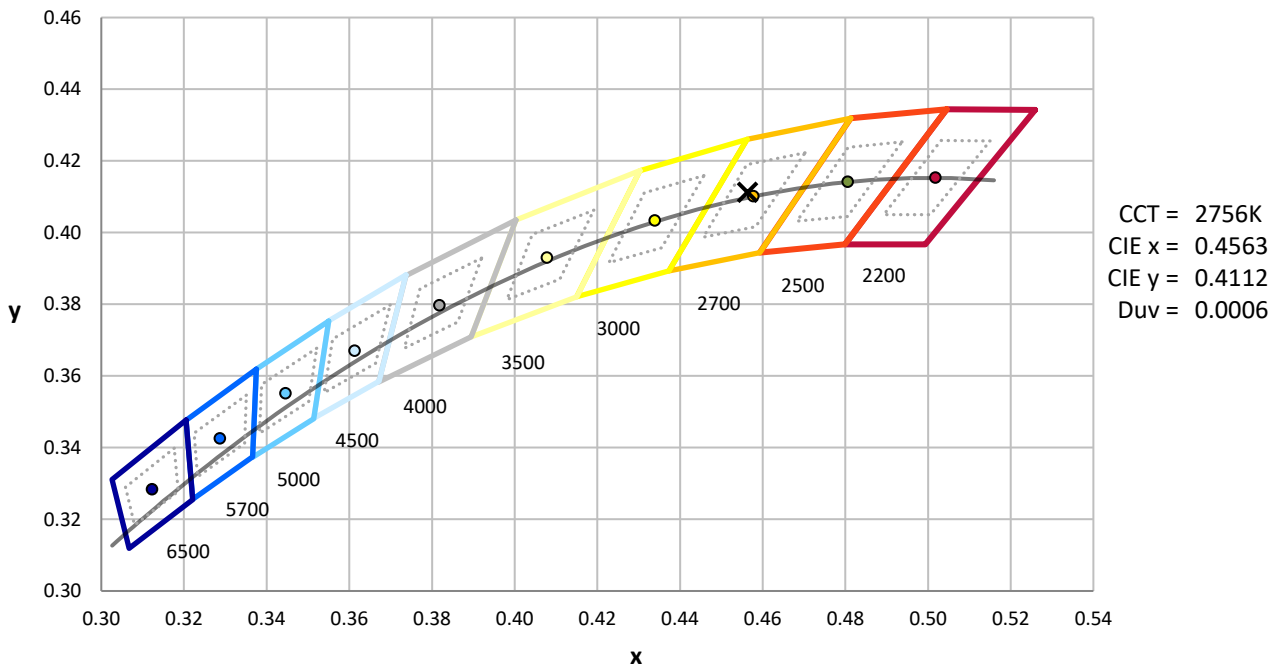
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

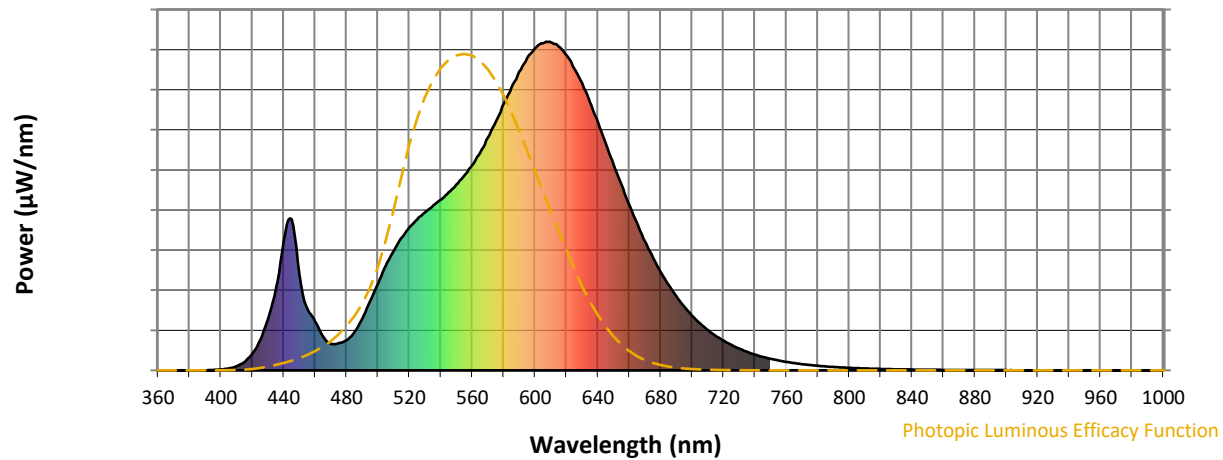


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

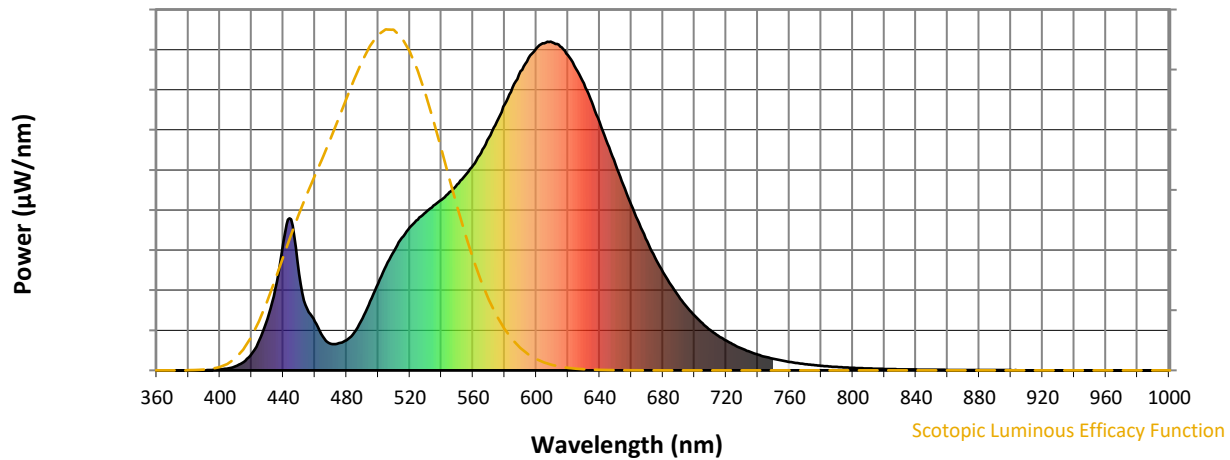


Photopic Lumens: NR

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



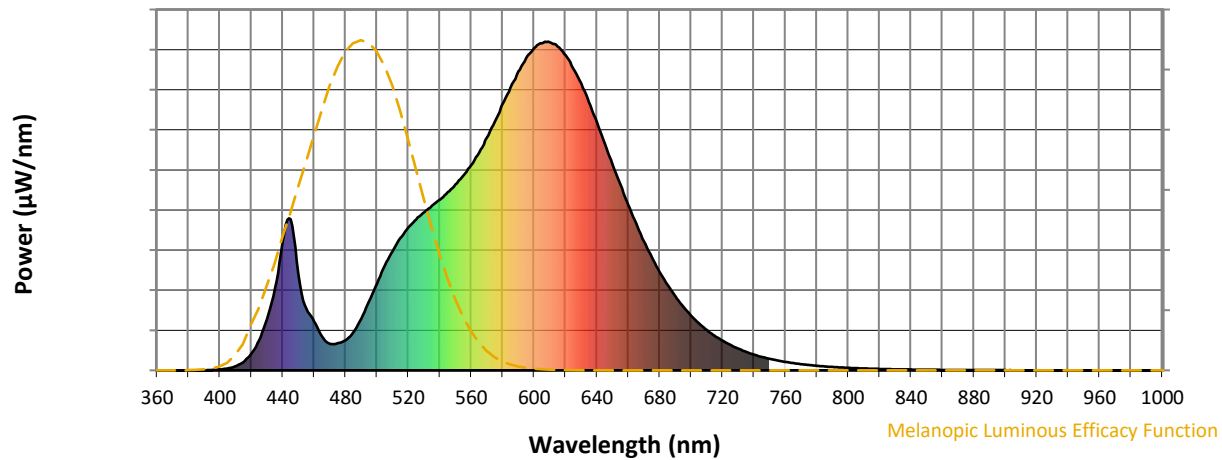
Scotopic Lumens: NR

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

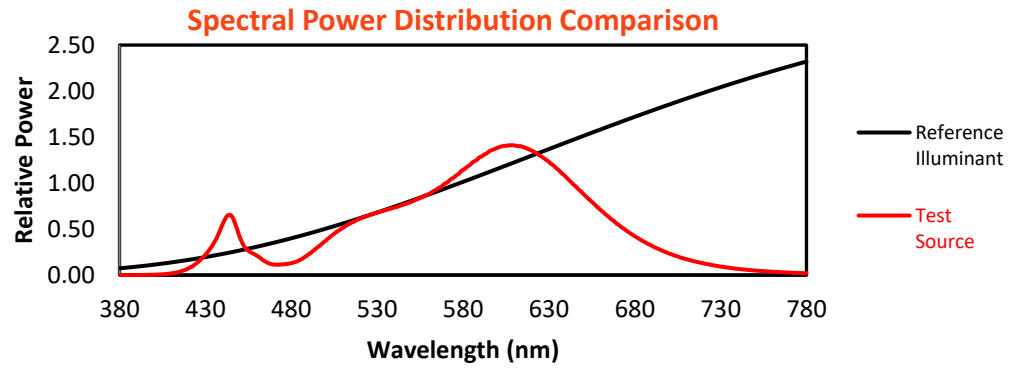
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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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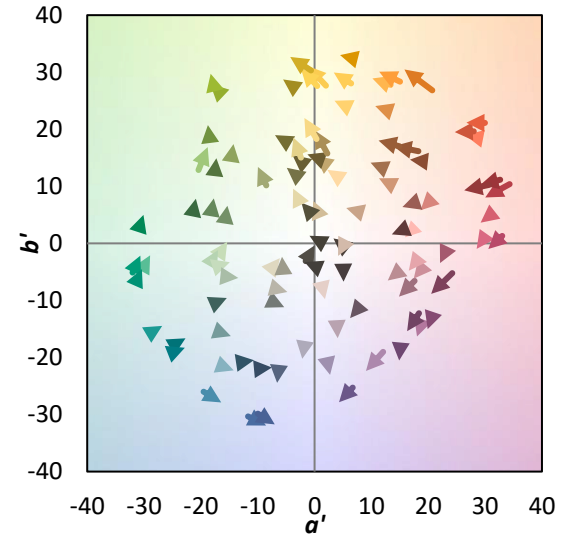
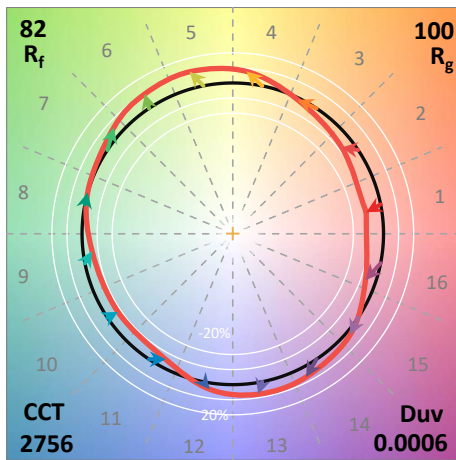
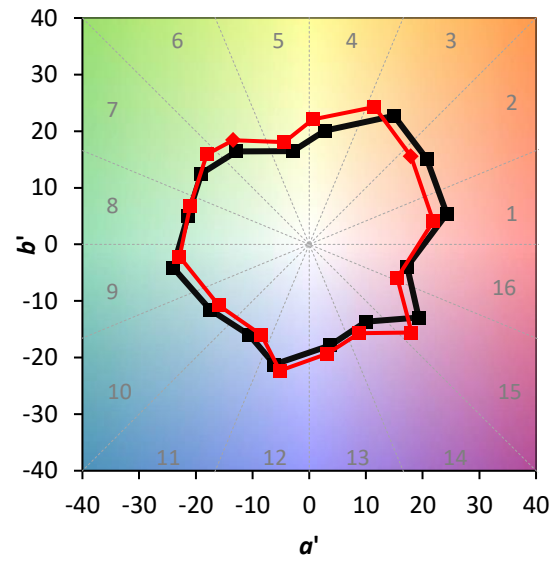
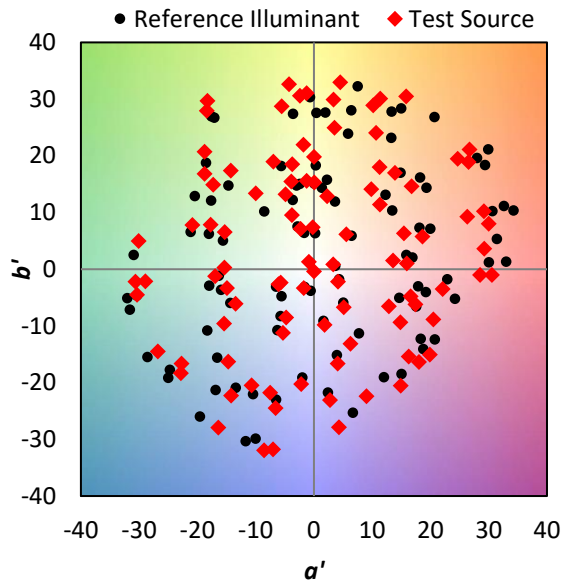
TM-30-18

Summary

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

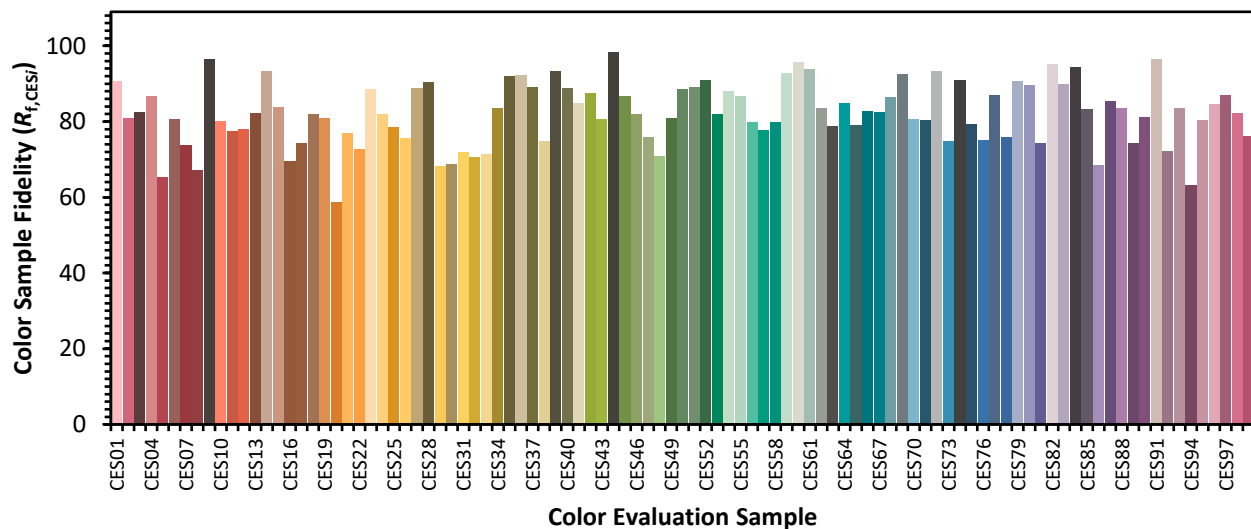


Color Vector Graphics

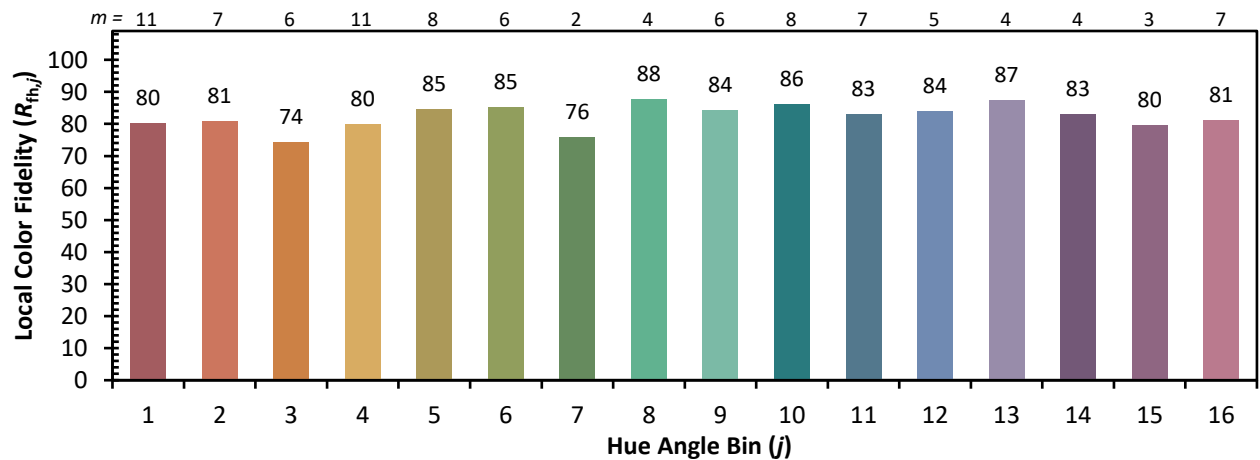
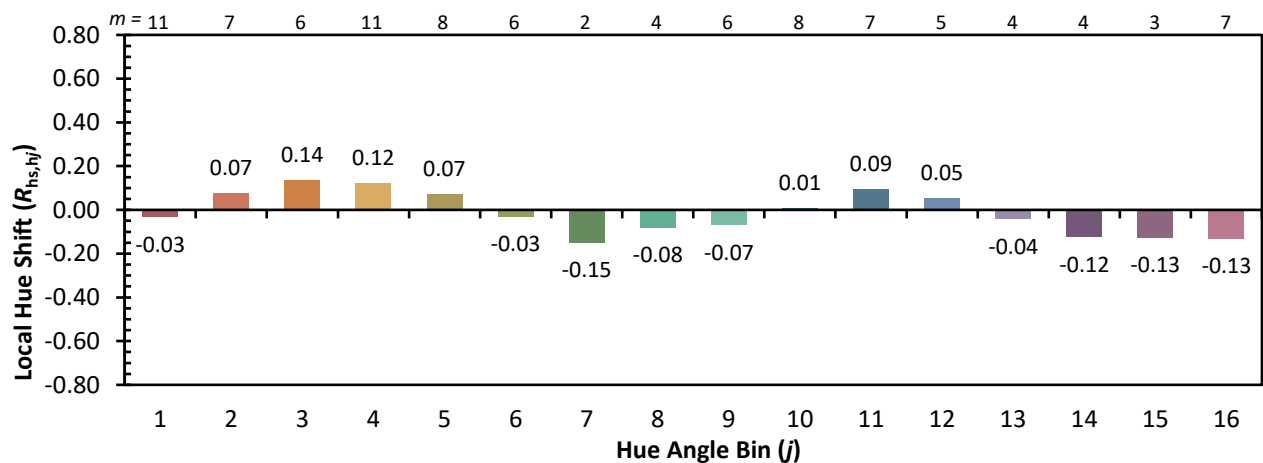
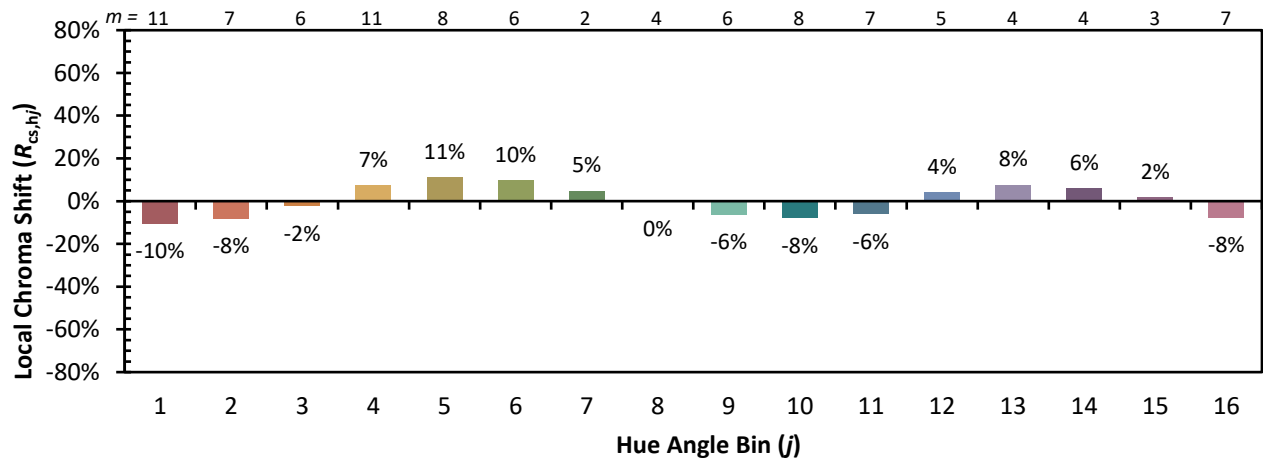


Individual Sample Fidelity Index ($R_{f,i}$)

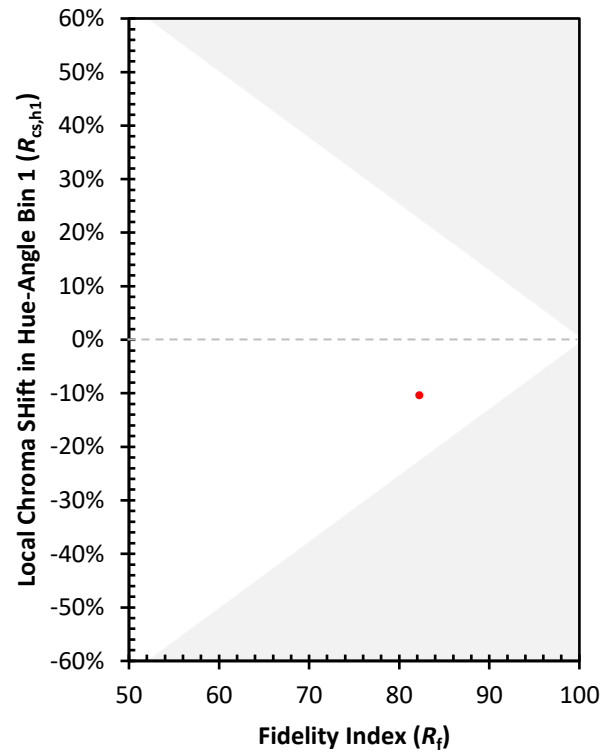
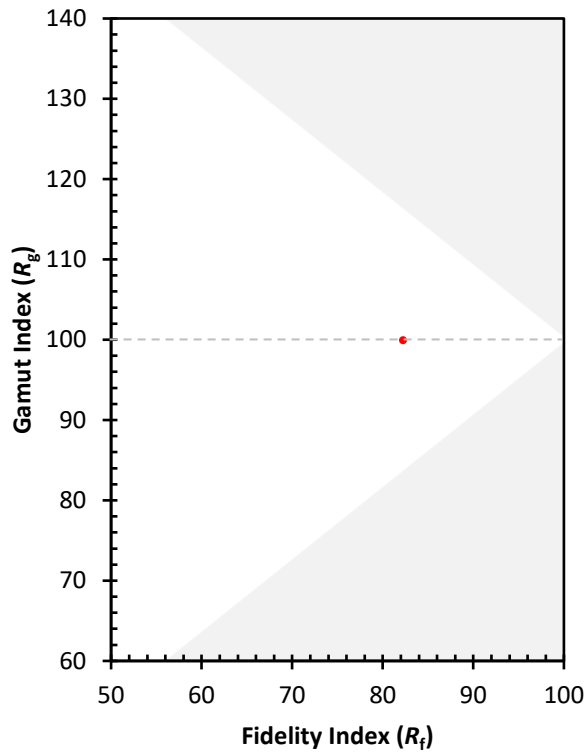
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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