

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: P1047911

Luminaire Tested: **GALN-SA9C-827-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047911
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-827-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42317.9 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 417.1
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

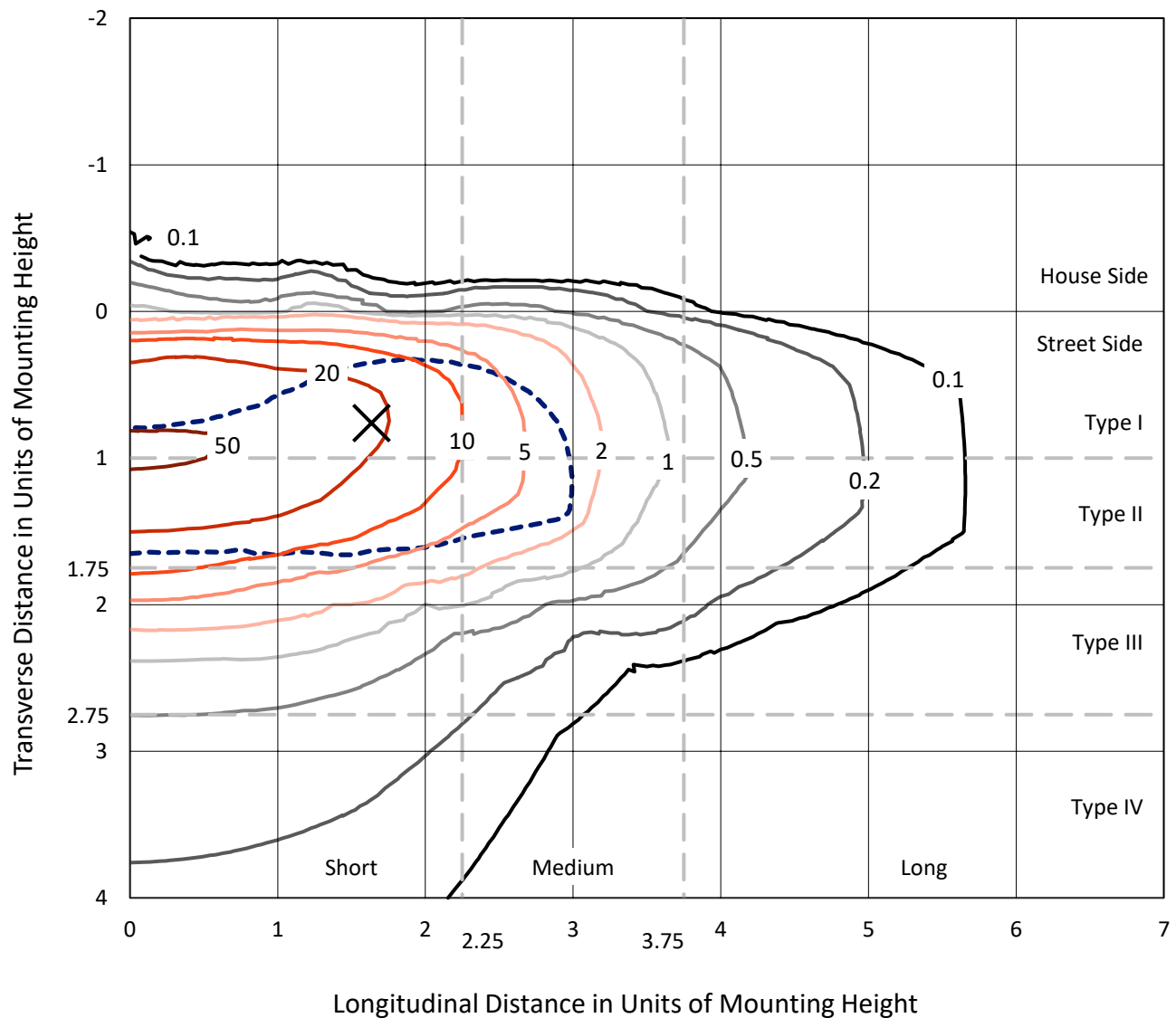


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

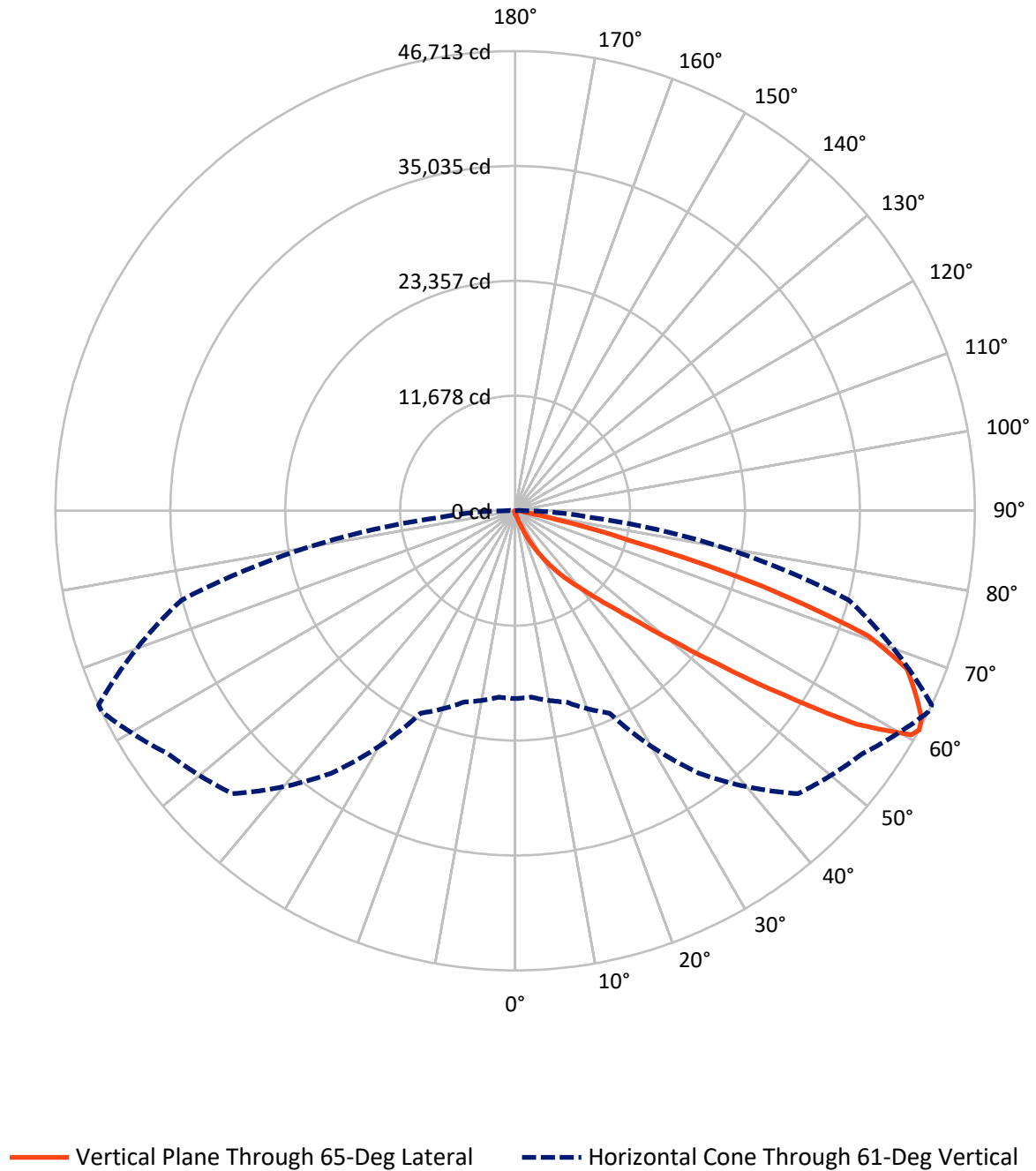


Based on 15 foot mounting height. Maximum calculated value = 56 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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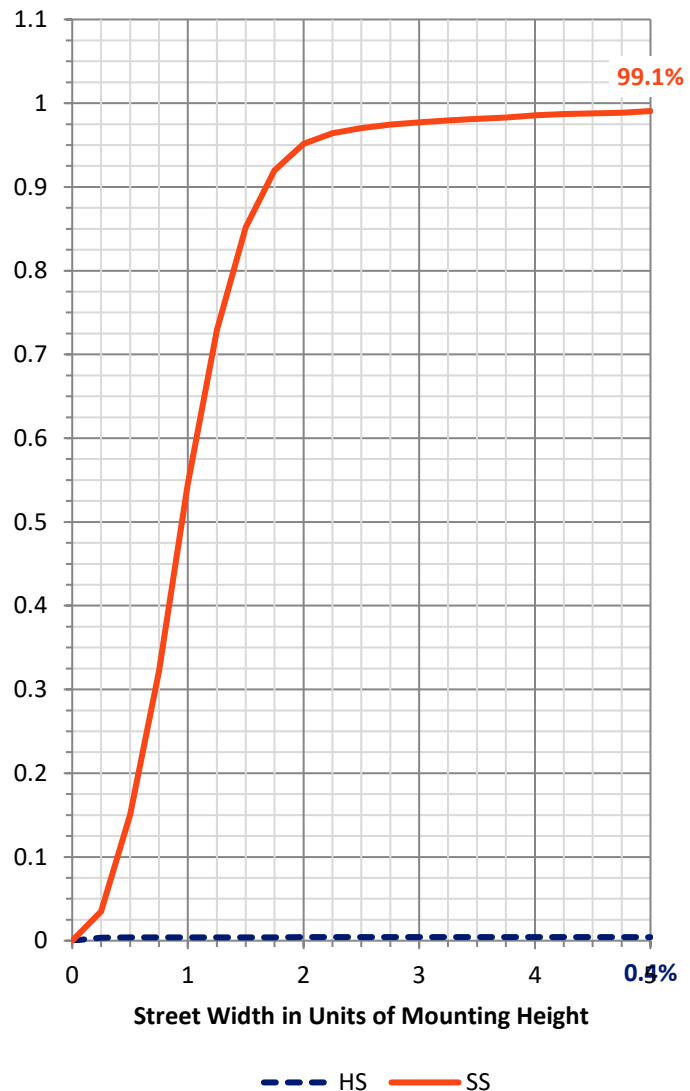
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	180.6	0.0	180.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	42137.2	0.0	42137.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	42317.9	0.0	42317.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.9	0.1
10°-20°	348.0	0.8
20°-30°	1248.9	3.0
30°-40°	3325.0	7.9
40°-50°	8734.6	20.6
50°-60°	13531.6	32.0
60°-70°	11346.1	26.8
70°-80°	3338.9	7.9
80°-90°	411.9	1.0
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°	42317.9	100.0
0°-180°	42317.9	100.0



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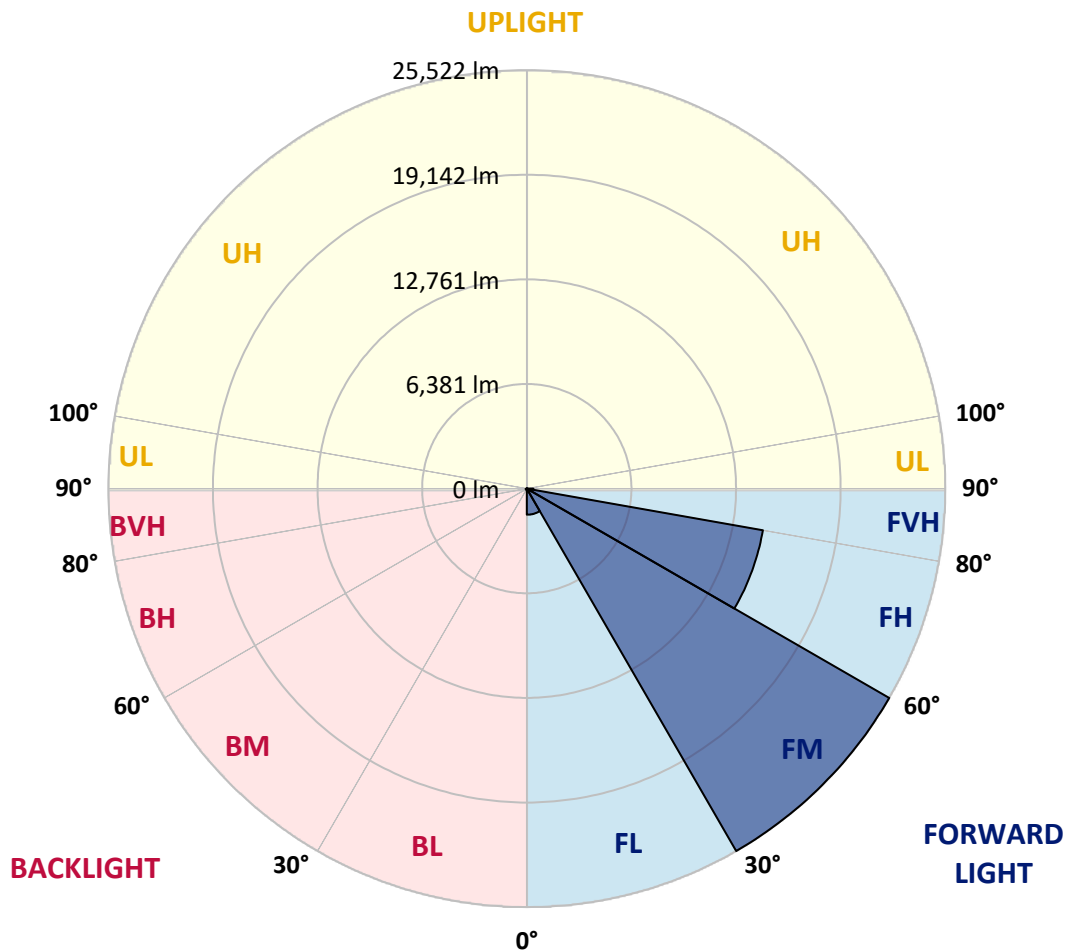
CATALOG NUMBER: GALN-SA9C-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1589.3	3.8			
FM	(30°-60°)	25522.5	60.3			
FH	(60°-80°)	14621.3	34.6			G5
FVH	(80°-90°)	404.2	1.0			G3/500
BL	(0°-30°)	40.5	0.1	B0/110		
BM	(30°-60°)	68.8	0.2	B0/220		
BH	(60°-80°)	63.7	0.2	B0/110		G0/110
BVH	(80°-90°)	7.6	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1
2.5°	314.4	317.3	311.5	299.8	291.1	291.1	288.2	279.5	279.5	270.7	264.9
5°	439.6	433.7	422.1	398.8	378.4	358.1	337.7	317.3	314.4	288.2	270.7
7.5°	719.0	724.8	687.0	614.2	553.1	474.5	401.7	358.1	352.2	308.6	273.6
10°	1577.8	1534.1	1446.8	1164.4	957.7	721.9	535.6	416.3	410.5	331.9	279.5
12.5°	2876.1	2841.2	2681.0	2389.9	1857.2	1292.5	783.1	515.2	497.8	352.2	282.4
15°	4145.3	4090.0	4002.6	3708.6	3085.7	2317.2	1280.8	704.5	657.9	381.3	279.5
17.5°	4954.5	4963.3	4884.7	4759.5	4357.8	3429.2	2212.4	1050.9	960.6	433.7	273.6
20°	5661.9	5641.5	5685.2	5618.3	5335.9	4660.5	3219.6	1665.1	1510.8	518.2	276.5
22.5°	6477.0	6526.5	6558.5	6544.0	6232.5	5656.1	4363.6	2491.8	2296.8	672.4	285.3
25°	7568.6	7562.8	7565.7	7527.9	7225.1	6584.7	5510.6	3519.4	3321.5	922.8	305.7
27.5°	8712.7	8747.6	8762.2	8625.3	8229.4	7600.7	6573.1	4643.1	4410.2	1324.5	331.9
30°	10275.9	10246.8	10179.8	9900.4	9420.0	8639.9	7621.0	5822.0	5577.5	1886.3	372.6
32.5°	12383.5	12351.4	12013.8	11396.6	10677.6	9722.8	8674.8	7003.9	6707.0	2587.9	427.9
35°	15856.3	15905.8	15076.1	13478.0	12188.4	11024.0	9842.1	8180.0	7918.0	3452.5	503.6
37.5°	21174.7	20904.0	19777.4	16953.8	14176.6	12648.4	10957.1	9367.6	9140.6	4517.9	602.6
40°	26341.8	26074.0	25747.9	23072.7	17632.0	14438.6	12517.4	10762.0	10468.0	5720.1	748.1
42.5°	31773.7	31625.3	31610.7	29593.4	23937.3	17253.6	14395.0	12395.1	12144.8	7038.8	986.8
45°	35622.1	35473.6	35785.1	36137.3	32524.8	23285.2	17664.0	14517.2	14153.4	8639.9	1368.2
47.5°	36140.2	36146.1	36978.6	38081.9	38905.7	32615.0	22018.9	17329.3	16886.8	10930.9	2008.6
50°	34416.9	34483.9	35808.4	37782.1	40000.3	40442.7	29698.2	21410.5	20755.5	13646.8	2916.8
52.5°	31136.2	31211.9	33057.5	36303.3	38993.0	42323.2	38739.8	26749.3	25995.4	17035.3	4197.7
55°	28181.5	28228.1	30344.4	34446.0	37779.2	41301.5	44107.7	33878.4	32888.6	21203.8	5461.1
57.5°	25256.0	25148.3	26525.2	31220.6	37572.5	40046.8	44899.5	42003.0	40911.4	25759.6	6445.0
60°	21343.6	21163.1	22269.3	25256.0	34853.6	40870.6	43417.8	46497.6	46250.2	32102.7	7204.8
61°	19093.3	19017.7	20129.7	22691.4	32565.5	40661.1	43062.6	46686.9	46713.1	35103.9	7545.4
62.5°	13635.2	13850.6	15550.6	18880.8	27276.2	39301.6	43109.2	46101.7	46360.8	39092.0	8427.4
65°	6060.7	6407.1	7728.7	10438.9	15862.1	32693.6	42695.9	44818.0	44689.9	40186.6	11466.5
67.5°	3595.1	3647.5	4305.4	5915.2	8401.2	17585.4	37677.3	43120.9	42949.1	34984.6	14266.9
70°	2832.4	2858.6	3068.2	3711.5	4875.9	6736.1	21503.7	37307.6	38055.7	28367.8	13967.0
72.5°	2686.9	2681.0	2710.2	2823.7	3071.1	3341.8	8325.5	24798.9	26321.4	20429.5	11711.0
75°	2651.9	2640.3	2611.2	2567.5	2224.0	1967.8	2579.2	10968.7	11850.7	13958.3	8817.5
77.5°	2573.3	2576.2	2582.1	2462.7	1906.7	1391.5	1248.8	3519.4	4328.7	8858.2	6267.4
80°	1740.8	1767.0	1810.7	1764.1	1714.6	1007.2	882.0	1251.7	1269.2	4972.0	4139.5
82.5°	882.0	882.0	861.7	768.5	663.7	655.0	701.6	908.2	919.9	2515.1	1947.5
85°	532.7	561.8	573.5	521.1	477.4	439.6	535.6	721.9	748.1	975.2	454.1
87.5°	119.4	122.3	133.9	177.6	259.1	352.2	497.8	660.8	672.4	625.9	55.3
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: P1047911

CATALOG NUMBER: GALN-SA9C-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1
2.5°	262.0	256.2	253.3	244.5	235.8	227.1	221.2	218.3	221.2	224.1	224.1
5°	259.1	250.3	235.8	221.2	209.6	197.9	186.3	183.4	183.4	186.3	186.3
7.5°	259.1	244.5	224.1	206.7	189.2	171.7	163.0	157.2	160.1	160.1	160.1
10°	259.1	241.6	215.4	189.2	168.8	148.5	133.9	128.1	128.1	128.1	128.1
12.5°	256.2	238.7	206.7	174.7	145.6	122.3	104.8	96.1	99.0	99.0	99.0
15°	250.3	230.0	195.0	148.5	116.4	93.2	75.7	67.0	69.9	75.7	78.6
17.5°	241.6	221.2	174.7	125.2	93.2	69.9	52.4	46.6	49.5	58.2	58.2
20°	238.7	212.5	154.3	101.9	69.9	49.5	34.9	29.1	32.0	43.7	46.6
22.5°	238.7	206.7	139.7	84.4	52.4	32.0	20.4	11.6	11.6	20.4	20.4
25°	241.6	203.8	128.1	69.9	37.8	23.3	11.6	5.8	11.6	32.0	37.8
27.5°	247.4	200.9	122.3	58.2	29.1	20.4	8.7	20.4	34.9	34.9	34.9
30°	253.3	195.0	113.5	49.5	26.2	14.6	14.6	29.1	29.1	34.9	37.8
32.5°	262.0	192.1	107.7	43.7	20.4	11.6	20.4	17.5	17.5	20.4	23.3
35°	279.5	195.0	101.9	43.7	20.4	14.6	17.5	8.7	5.8	5.8	5.8
37.5°	302.7	197.9	93.2	37.8	17.5	17.5	8.7	0.0	0.0	0.0	0.0
40°	340.6	206.7	87.3	34.9	14.6	14.6	2.9	0.0	0.0	0.0	0.0
42.5°	404.6	224.1	84.4	32.0	14.6	11.6	0.0	0.0	0.0	0.0	0.0
45°	532.7	264.9	78.6	29.1	14.6	5.8	0.0	0.0	0.0	0.0	0.0
47.5°	765.6	361.0	75.7	23.3	8.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	1117.8	489.1	72.8	20.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1426.4	515.2	49.5	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1461.3	355.1	37.8	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1164.4	230.0	32.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	882.0	174.7	29.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	847.1	157.2	29.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	934.4	136.8	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1519.5	113.5	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2640.3	99.0	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3336.0	93.2	17.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2908.1	84.4	17.5	5.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	1749.5	72.8	17.5	11.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	917.0	55.3	17.5	14.6	8.7	2.9	0.0	0.0	0.0	0.0	0.0
80°	445.4	49.5	20.4	14.6	11.6	5.8	0.0	0.0	0.0	0.0	0.0
82.5°	174.7	40.8	23.3	20.4	14.6	8.7	2.9	0.0	0.0	0.0	0.0
85°	78.6	34.9	26.2	23.3	20.4	11.6	2.9	0.0	0.0	0.0	0.0
87.5°	40.8	32.0	29.1	26.2	20.4	14.6	5.8	0.0	0.0	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

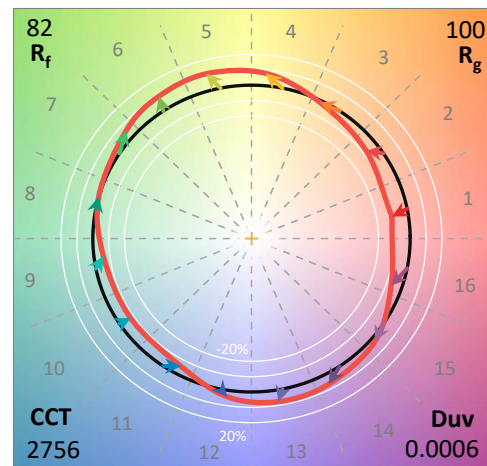
Test Information

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

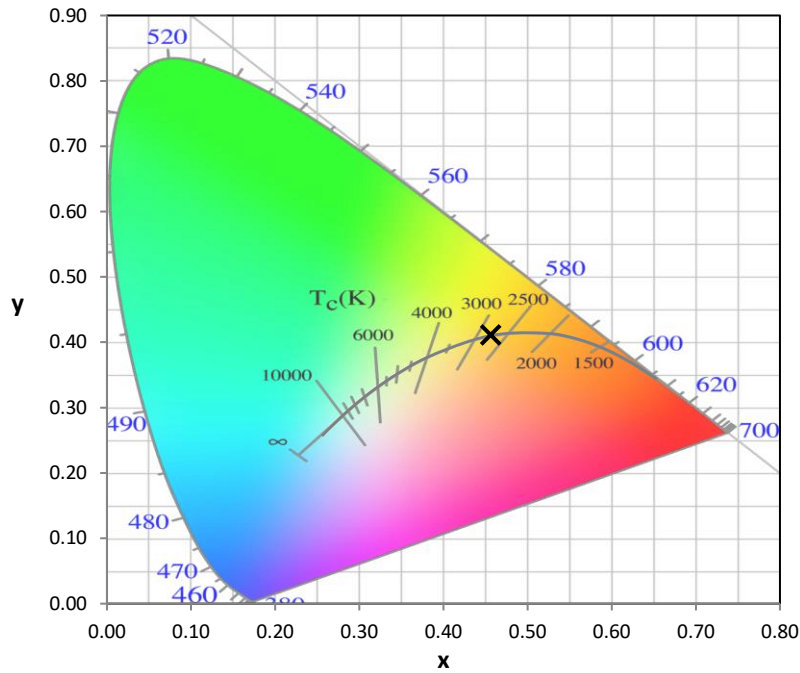
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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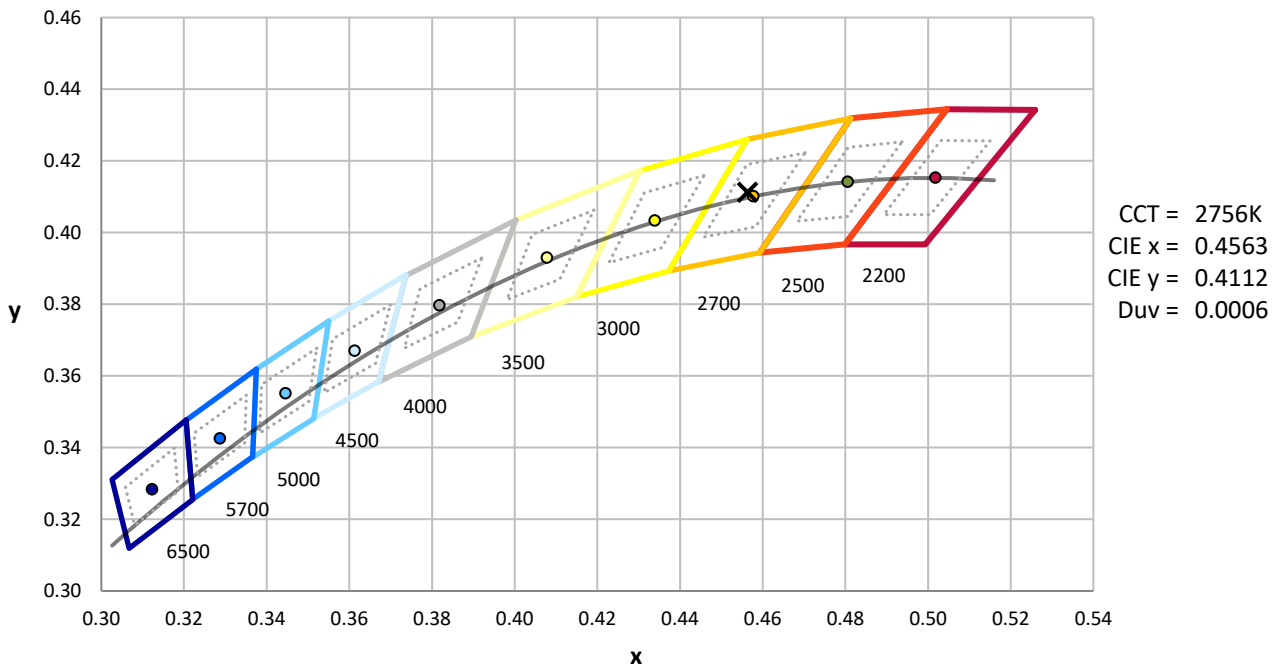
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



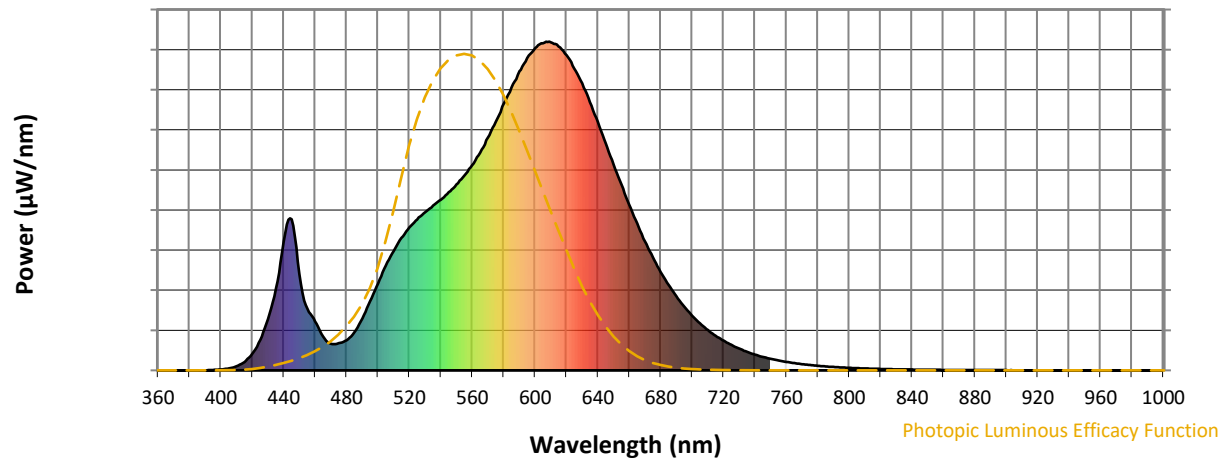
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

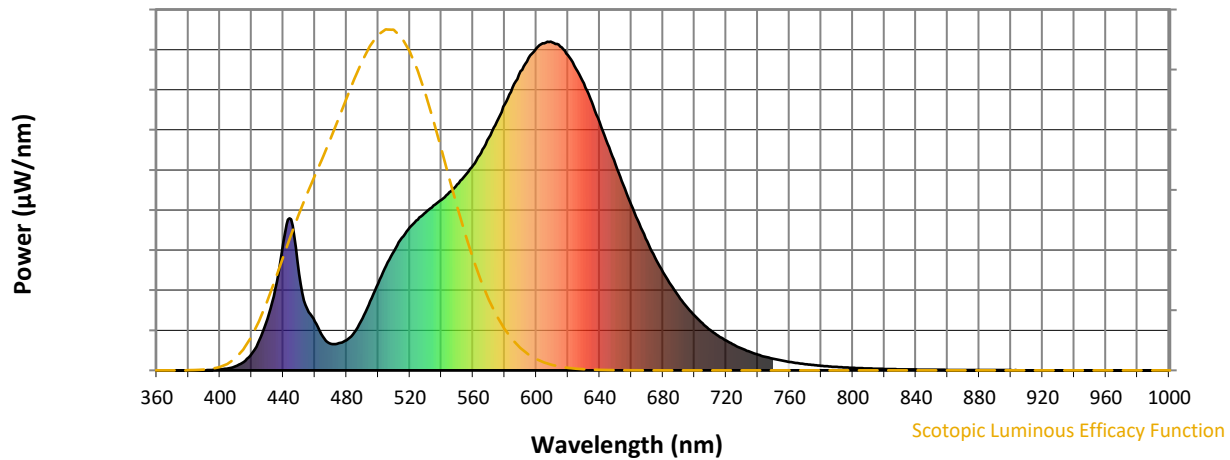


Photopic Lumens: NR

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	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



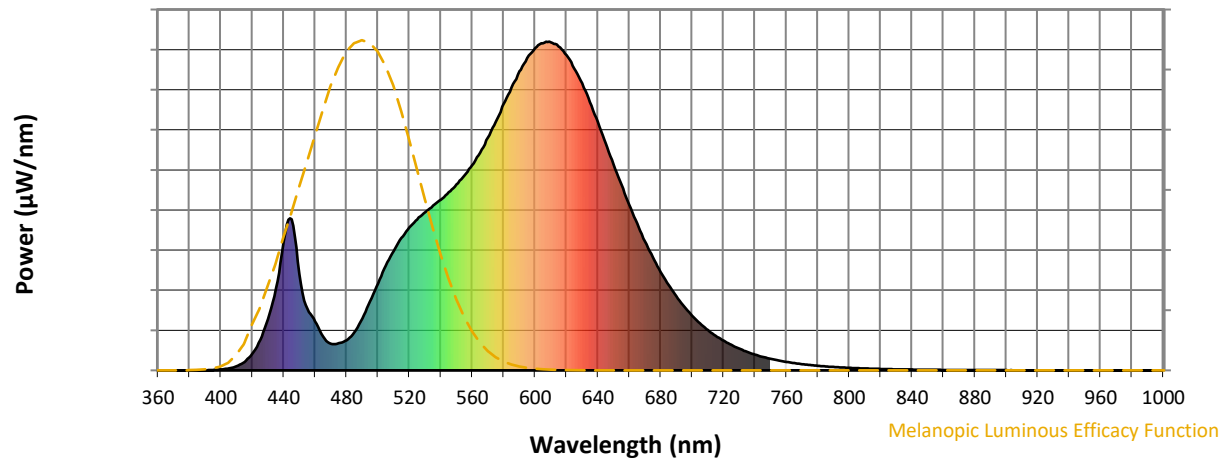
Scotopic Lumens: NR

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

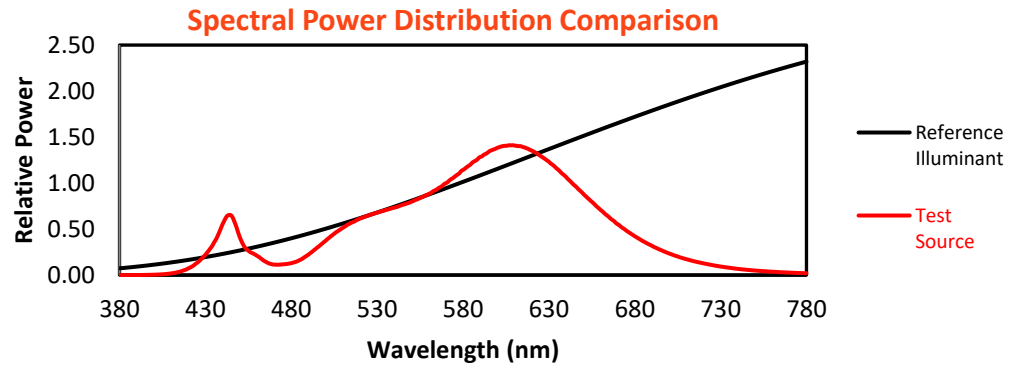
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959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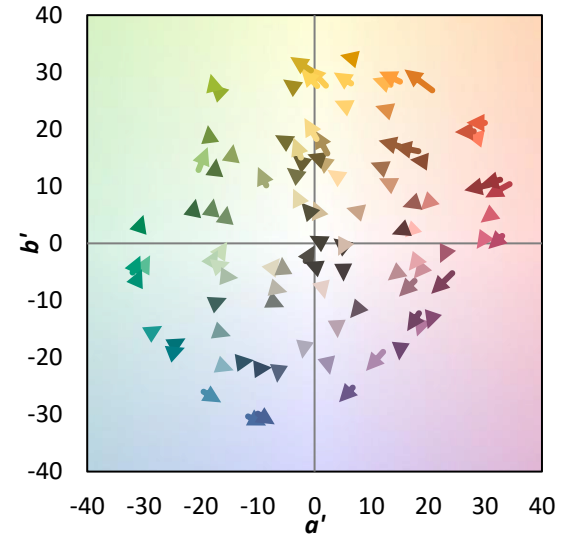
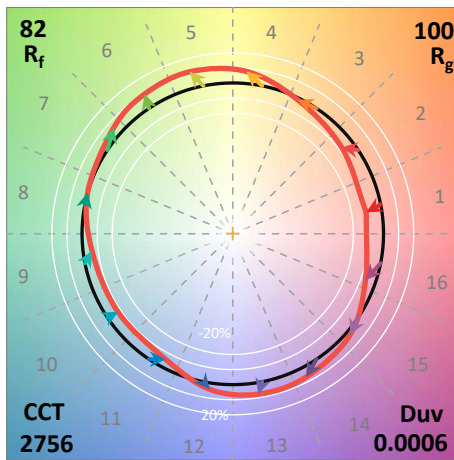
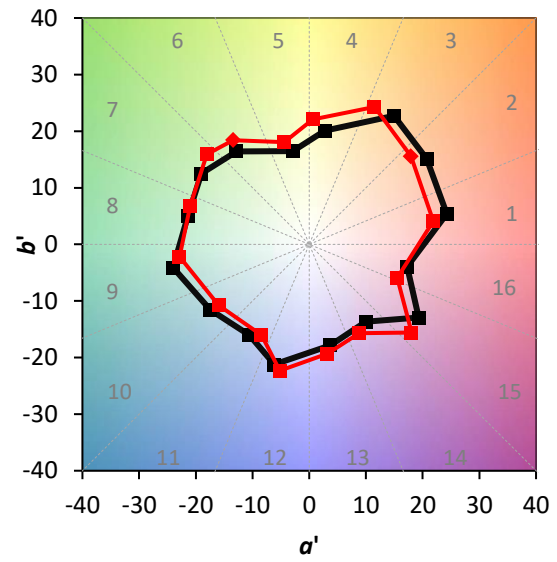
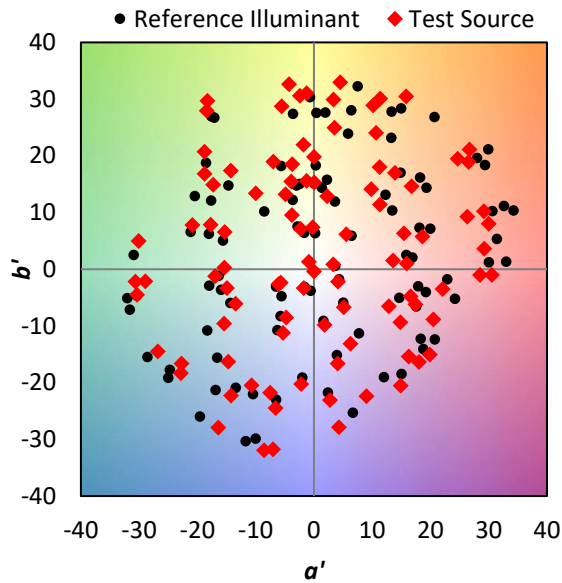
TM-30-18

Summary

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

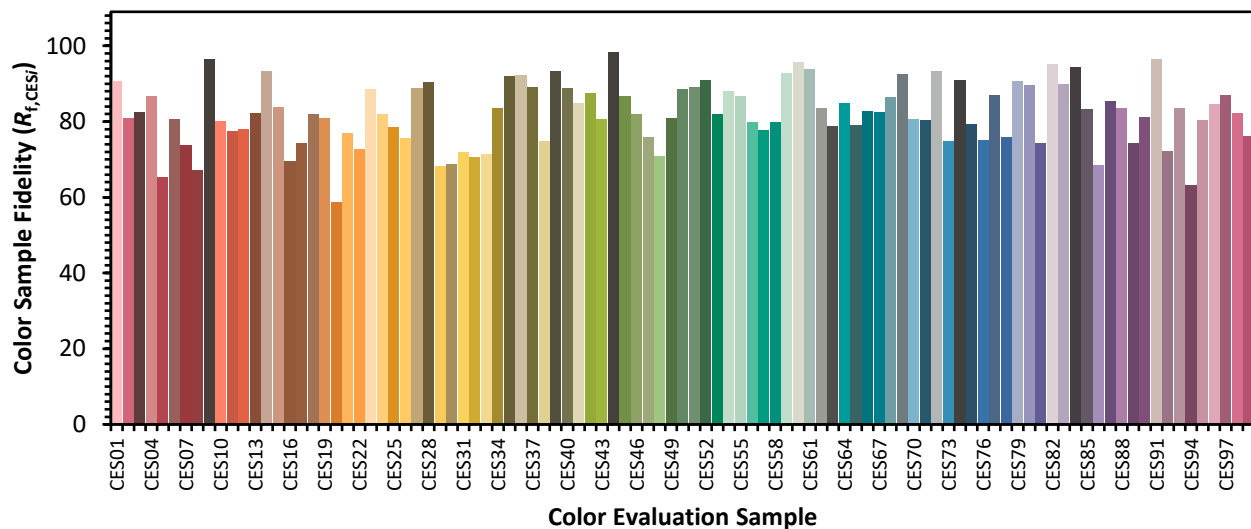


Color Vector Graphics

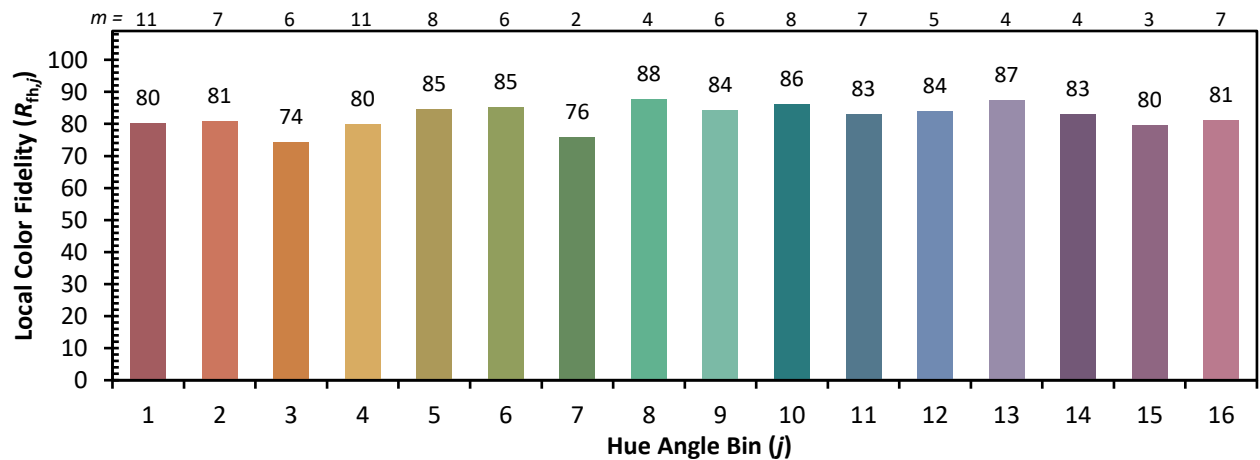
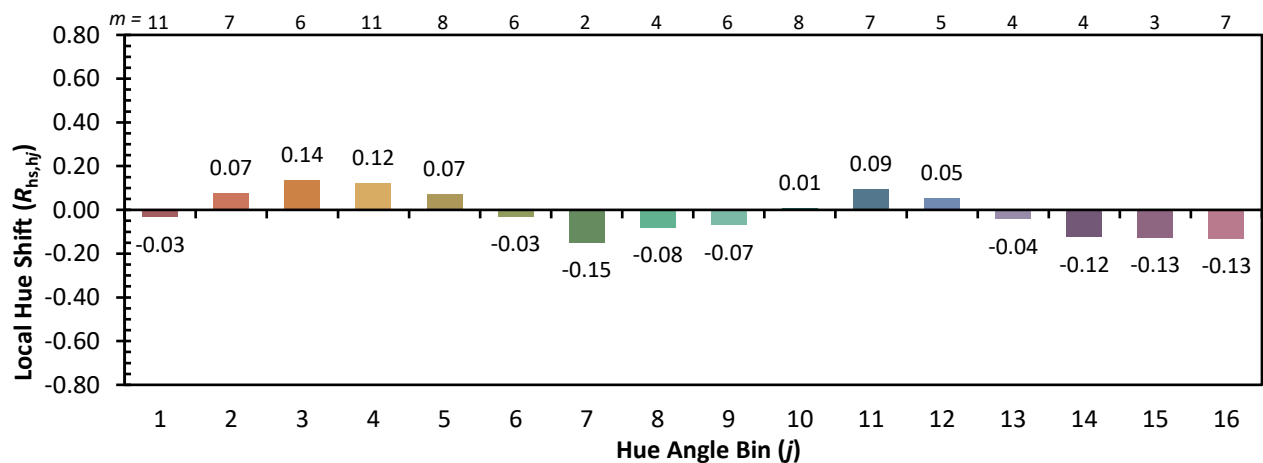
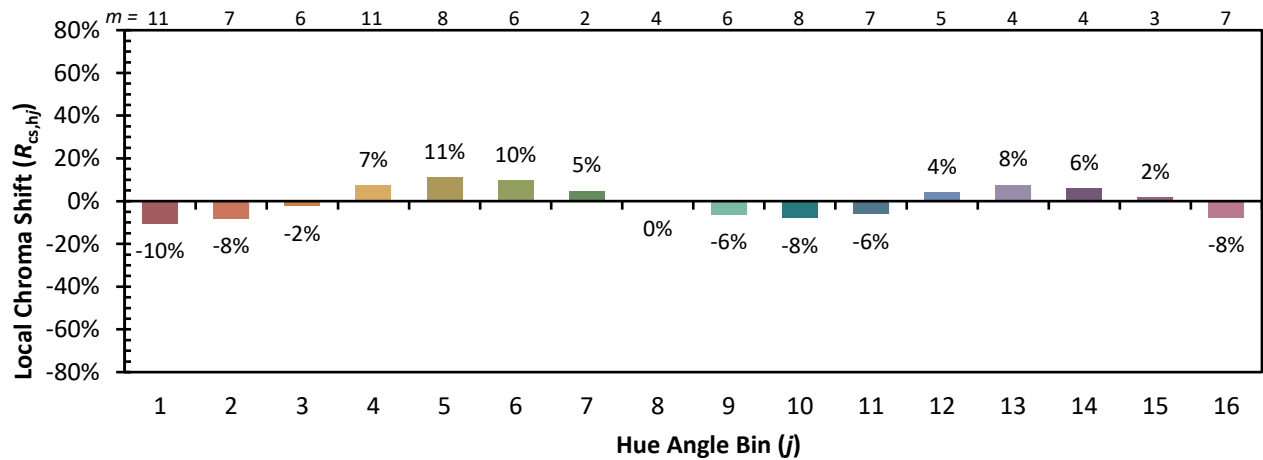


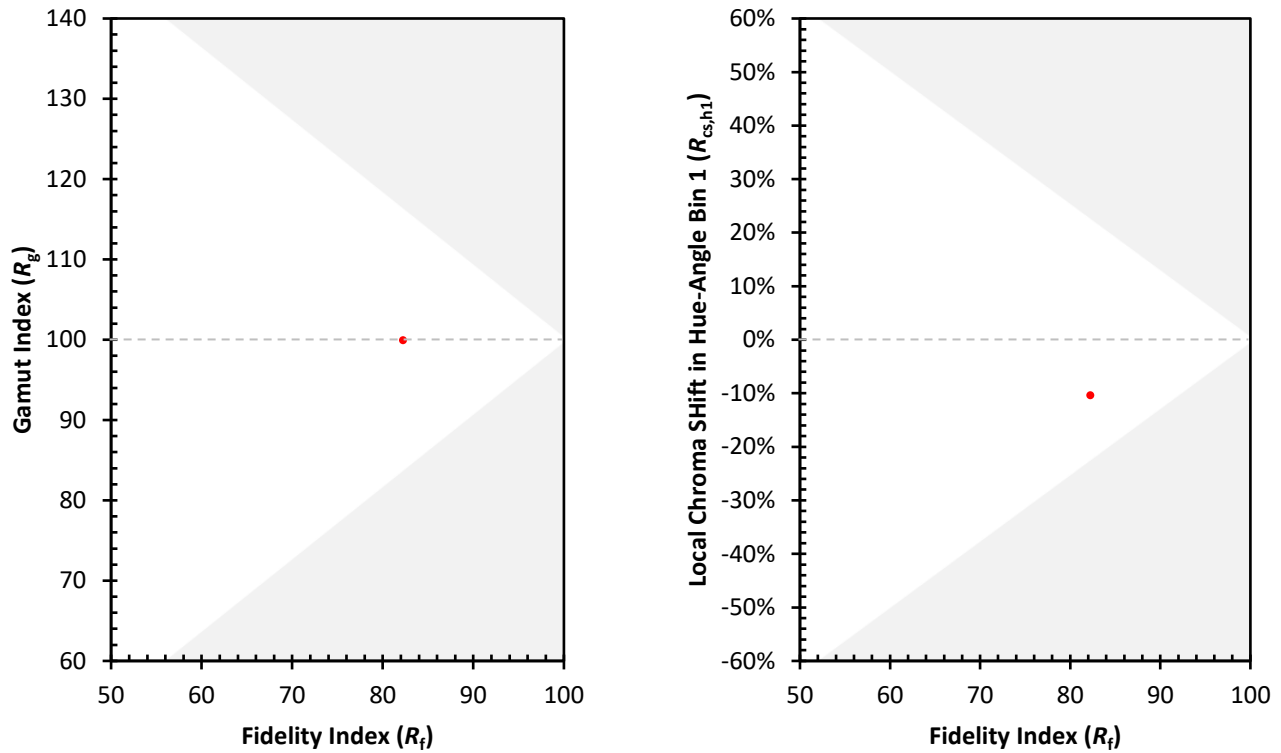
Individual Sample Fidelity Index ($R_{f,i}$)

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)