

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: P1048507

Luminaire Tested: **GALN-SA5C-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048507
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24139.6 lumens
Efficiency: N/A
Efficacy: 102.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 236
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



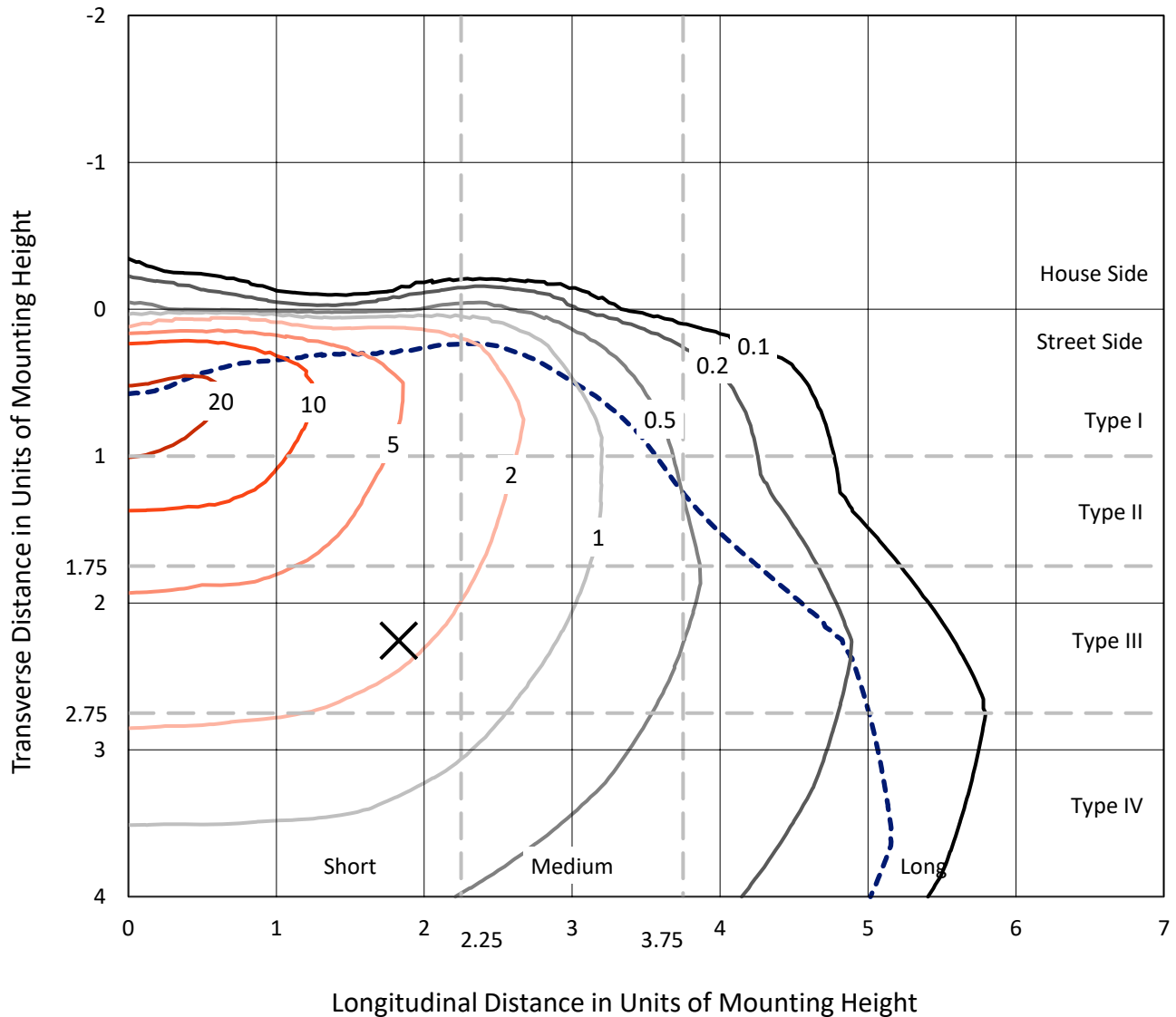
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CATALOG NUMBER: GALN-SA5C-827-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

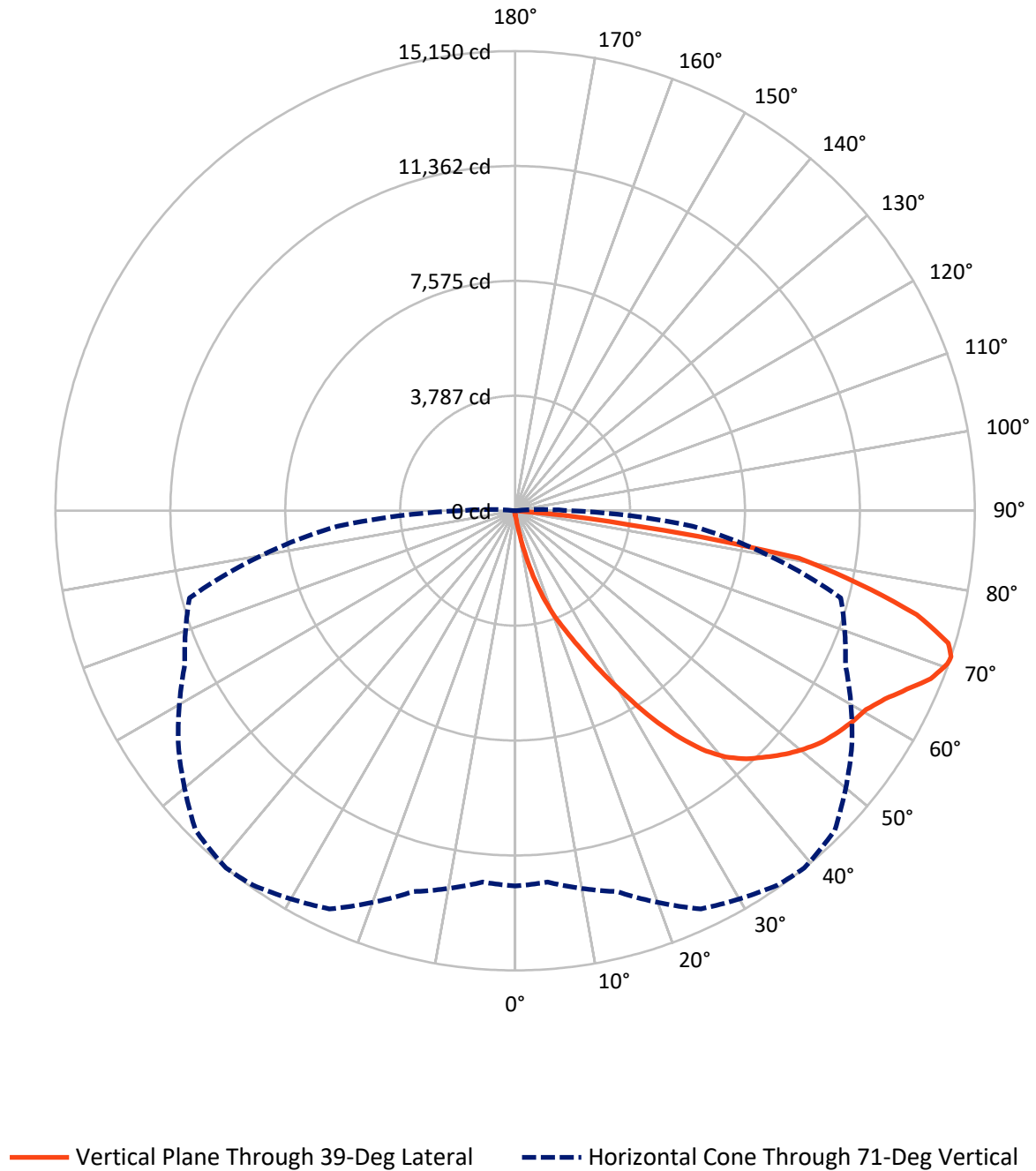


Based on 15 foot mounting height. Maximum calculated value = 24.8 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA5C-827-U-T4BC

Luminous Intensity Polar Plot



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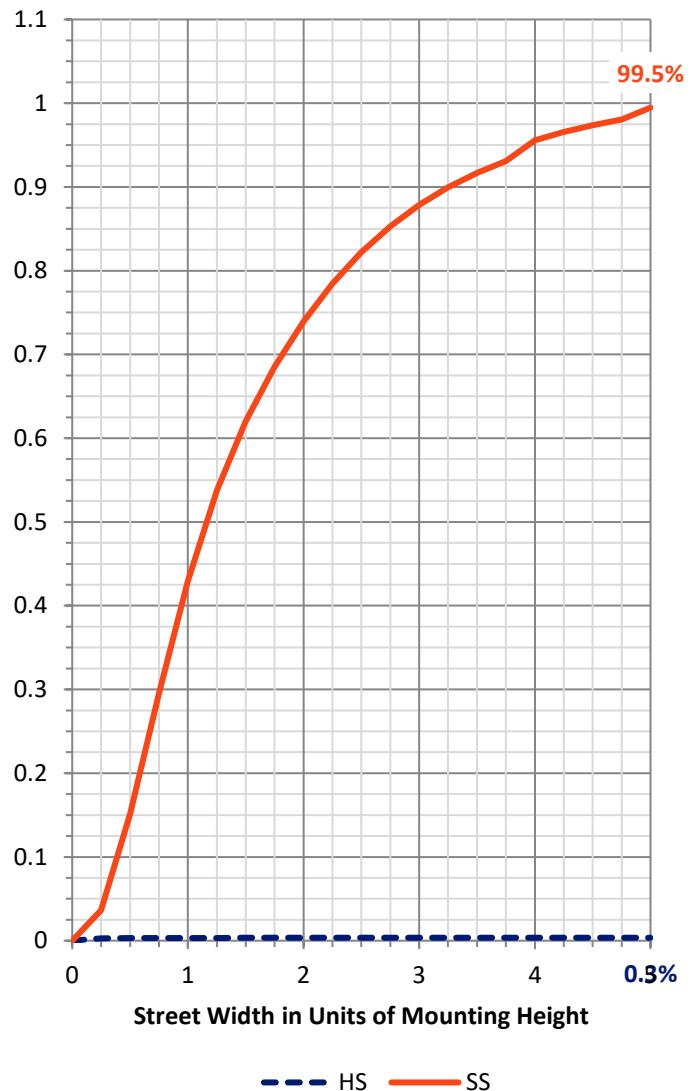
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	85.8	0.0	85.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24053.8	0.0	24053.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	24139.6	0.0	24139.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.2	0.1
10°-20°	258.0	1.1
20°-30°	918.8	3.8
30°-40°	2214.4	9.2
40°-50°	3706.0	15.4
50°-60°	4759.9	19.7
60°-70°	6023.7	25.0
70°-80°	5370.4	22.2
80°-90°	868.1	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°	24139.6	100.0
0°-180°	24139.6	100.0



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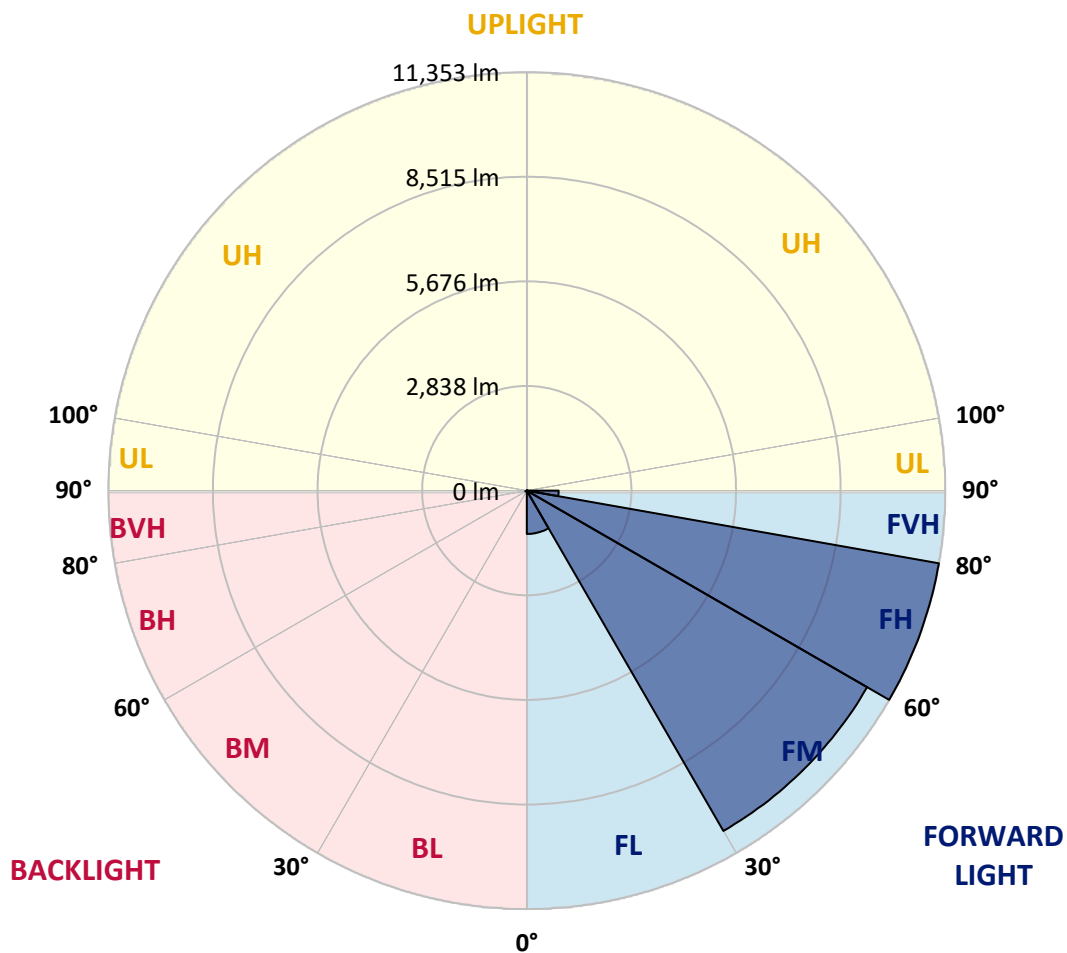
CATALOG NUMBER: GALN-SA5C-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1176.2	4.9			
FM	(30°-60°)	10660.5	44.2			
FH	(60°-80°)	11352.9	47.0			G4/12000
FVH	(80°-90°)	864.2	3.6			G5
BL	(0°-30°)	20.7	0.1	B0/110		
BM	(30°-60°)	19.9	0.1	B0/220		
BH	(60°-80°)	41.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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°	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4
2.5°	152.0	152.0	152.0	147.1	147.1	145.4	143.8	143.8	140.5	138.9	135.6
5°	230.4	225.5	214.1	207.5	194.5	186.3	178.1	166.7	155.2	147.1	137.3
7.5°	521.3	532.7	495.1	424.9	353.0	321.9	269.6	217.3	179.8	155.2	138.9
10°	1328.5	1322.0	1194.5	1054.0	813.8	717.4	562.1	354.6	232.0	169.9	140.5
12.5°	2260.0	2253.5	2103.1	1911.9	1594.9	1393.9	1099.8	661.8	333.4	192.8	140.5
15°	3042.7	3016.6	2969.2	2779.6	2408.7	2240.4	1851.5	1170.0	539.3	232.0	143.8
17.5°	3560.7	3537.9	3493.7	3425.1	3189.8	2990.4	2678.3	1838.4	872.6	300.7	150.3
20°	4036.3	4019.9	3984.0	3970.9	3818.9	3712.7	3454.5	2606.4	1359.6	408.5	160.1
22.5°	4689.9	4655.6	4670.3	4591.9	4443.2	4315.7	4157.2	3410.4	1954.4	588.3	178.1
25°	5490.6	5474.3	5433.4	5377.9	5172.0	5060.9	4817.4	4168.6	2619.5	823.6	197.7
27.5°	6458.0	6440.1	6430.3	6302.8	6065.9	5944.9	5605.0	4884.4	3367.9	1153.7	223.9
30°	7572.5	7580.7	7517.0	7353.5	7077.4	6907.4	6557.7	5634.4	4134.3	1541.0	251.7
32.5°	8726.2	8709.9	8611.8	8419.0	8172.2	8013.7	7569.2	6456.4	4938.3	2052.5	284.3
35°	9969.8	9938.7	9680.5	9459.9	9249.1	9049.8	8644.5	7410.7	5742.3	2626.0	328.5
37.5°	11224.8	11079.3	10561.3	10281.9	10136.4	9973.0	9595.6	8428.8	6541.4	3266.6	382.4
40°	12172.6	12059.8	11445.4	10930.6	10814.6	10675.7	10394.6	9307.9	7391.1	3954.6	447.7
42.5°	12697.1	12635.0	12082.7	11574.5	11301.6	11179.0	10938.8	10076.0	8231.1	4714.4	542.5
45°	12921.0	12824.6	12455.3	12218.3	11783.6	11581.0	11295.0	10656.1	9108.6	5577.3	674.9
47.5°	12852.4	12796.8	12532.1	12618.7	12303.3	11987.9	11567.9	11100.6	9858.6	6567.5	856.3
50°	12420.9	12373.6	12291.9	12760.8	12721.6	12349.0	11920.9	11451.9	10471.4	7588.9	1137.3
52.5°	11600.6	11581.0	11790.2	12649.7	12958.6	12667.7	12260.8	11762.4	11043.4	8655.9	1539.3
55°	10543.3	10623.4	11221.5	12476.5	13079.5	12903.0	12561.5	12053.3	11502.6	9610.3	2132.5
57.5°	10108.7	10129.9	10876.7	12353.9	13133.4	13110.5	12854.0	12331.1	11924.2	10373.4	3037.8
60°	10616.9	10584.2	10978.0	12447.1	13241.3	13296.8	13113.8	12589.3	12290.2	11028.7	4243.8
62.5°	11535.3	11517.3	11643.1	12844.2	13556.7	13669.4	13475.0	12775.6	12613.8	11460.1	5619.7
65°	12355.6	12318.0	12551.7	13548.5	14110.6	14190.7	14020.8	13094.2	12755.9	11773.8	6912.3
67.5°	12710.2	12702.0	13077.9	14218.5	14692.4	14779.0	14630.3	13533.8	12723.3	11873.5	7482.6
70°	12548.4	12517.4	13118.7	14502.8	15020.8	15118.9	14975.1	13697.2	12368.7	11558.1	6637.8
71°	12370.3	12287.0	12996.2	14483.2	15066.6	15149.9	14898.3	13548.5	12012.4	11110.4	5871.4
72.5°	11818.0	11832.7	12659.5	14278.9	14957.1	14932.6	14463.6	13015.8	11582.6	10094.0	4716.1
75°	10458.4	10545.0	11569.6	13421.0	13979.9	13667.8	12950.4	11997.7	10719.8	7237.5	3274.8
77.5°	8546.4	8675.5	9801.5	11770.6	11612.1	11581.0	11551.6	10571.1	9154.3	3887.6	2278.0
80°	4080.4	4359.8	5912.2	8402.6	9128.2	9479.5	9258.9	8518.7	7079.0	1851.5	1361.2
82.5°	266.4	263.1	372.6	705.9	2975.7	3846.7	6111.6	6088.7	4935.0	902.0	555.6
85°	125.8	129.1	142.2	161.8	187.9	205.9	284.3	1666.8	2361.3	429.8	120.9
87.5°	73.5	75.2	88.2	112.8	147.1	163.4	194.5	250.0	307.2	236.9	26.1
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: P1048507

CATALOG NUMBER: GALN-SA5C-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4
2.5°	134.0	132.4	127.5	122.6	117.7	114.4	112.8	114.4	114.4	116.0	116.0
5°	134.0	129.1	120.9	111.1	104.6	98.0	94.8	93.1	94.8	94.8	94.8
7.5°	132.4	124.2	112.8	101.3	93.1	85.0	81.7	80.1	80.1	81.7	81.7
10°	129.1	120.9	106.2	93.1	83.3	73.5	68.6	63.7	63.7	63.7	65.4
12.5°	127.5	116.0	98.0	85.0	71.9	60.5	50.7	45.8	47.4	47.4	47.4
15°	124.2	111.1	93.1	76.8	60.5	45.8	37.6	32.7	34.3	36.0	34.3
17.5°	124.2	109.5	86.6	67.0	47.4	34.3	27.8	24.5	24.5	26.1	26.1
20°	124.2	106.2	81.7	57.2	36.0	26.1	19.6	18.0	18.0	21.2	22.9
22.5°	127.5	106.2	75.2	47.4	29.4	19.6	14.7	13.1	14.7	18.0	19.6
25°	132.4	104.6	68.6	42.5	24.5	14.7	11.4	8.2	9.8	13.1	14.7
27.5°	137.3	102.9	62.1	37.6	19.6	11.4	8.2	6.5	4.9	6.5	6.5
30°	142.2	102.9	55.6	31.0	16.3	8.2	4.9	3.3	1.6	0.0	0.0
32.5°	145.4	99.7	50.7	24.5	13.1	6.5	3.3	1.6	0.0	0.0	0.0
35°	148.7	96.4	44.1	19.6	9.8	4.9	1.6	0.0	0.0	0.0	0.0
37.5°	152.0	91.5	37.6	16.3	8.2	3.3	0.0	0.0	0.0	0.0	0.0
40°	155.2	85.0	31.0	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	158.5	80.1	26.1	11.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	166.7	76.8	21.2	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	181.4	73.5	19.6	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	202.6	70.3	18.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	232.0	68.6	16.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	284.3	67.0	14.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	374.2	65.4	14.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	573.6	62.1	14.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1024.6	60.5	13.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1786.1	62.1	13.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2560.7	65.4	11.4	4.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	2191.4	57.2	11.4	6.5	3.3	1.6	0.0	0.0	0.0	0.0	0.0
71°	1786.1	50.7	11.4	6.5	3.3	1.6	1.6	0.0	0.0	0.0	0.0
72.5°	1148.8	39.2	9.8	6.5	3.3	3.3	1.6	0.0	0.0	0.0	0.0
75°	485.3	32.7	9.8	6.5	4.9	3.3	3.3	1.6	0.0	0.0	0.0
77.5°	207.5	24.5	9.8	8.2	6.5	4.9	4.9	3.3	1.6	0.0	0.0
80°	78.4	19.6	11.4	9.8	8.2	8.2	6.5	3.3	1.6	0.0	0.0
82.5°	36.0	16.3	11.4	9.8	9.8	8.2	6.5	4.9	3.3	0.0	0.0
85°	22.9	14.7	11.4	9.8	9.8	8.2	8.2	4.9	3.3	0.0	0.0
87.5°	18.0	14.7	11.4	11.4	9.8	9.8	6.5	4.9	1.6	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

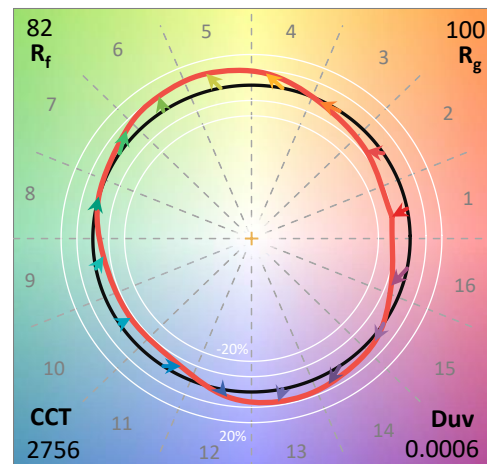
Test Information

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

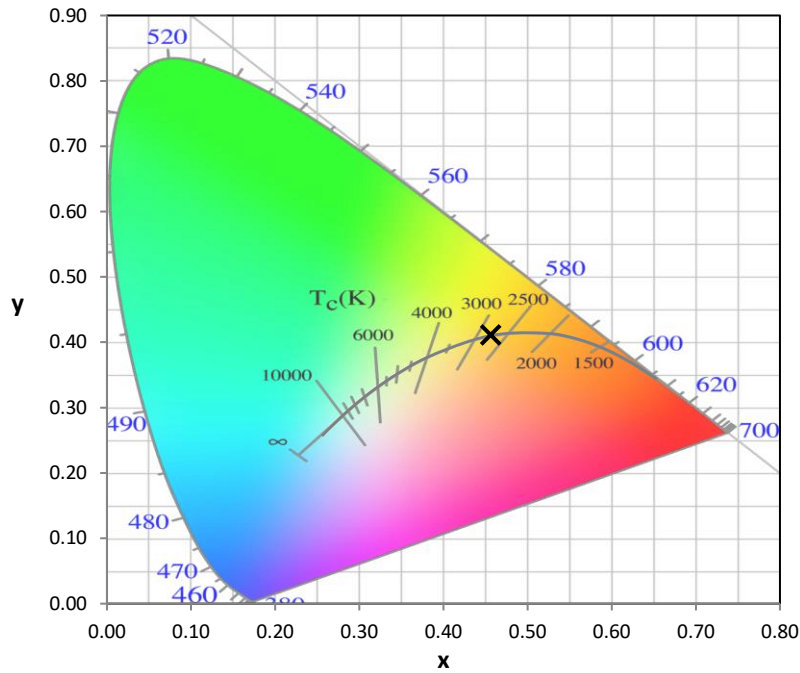
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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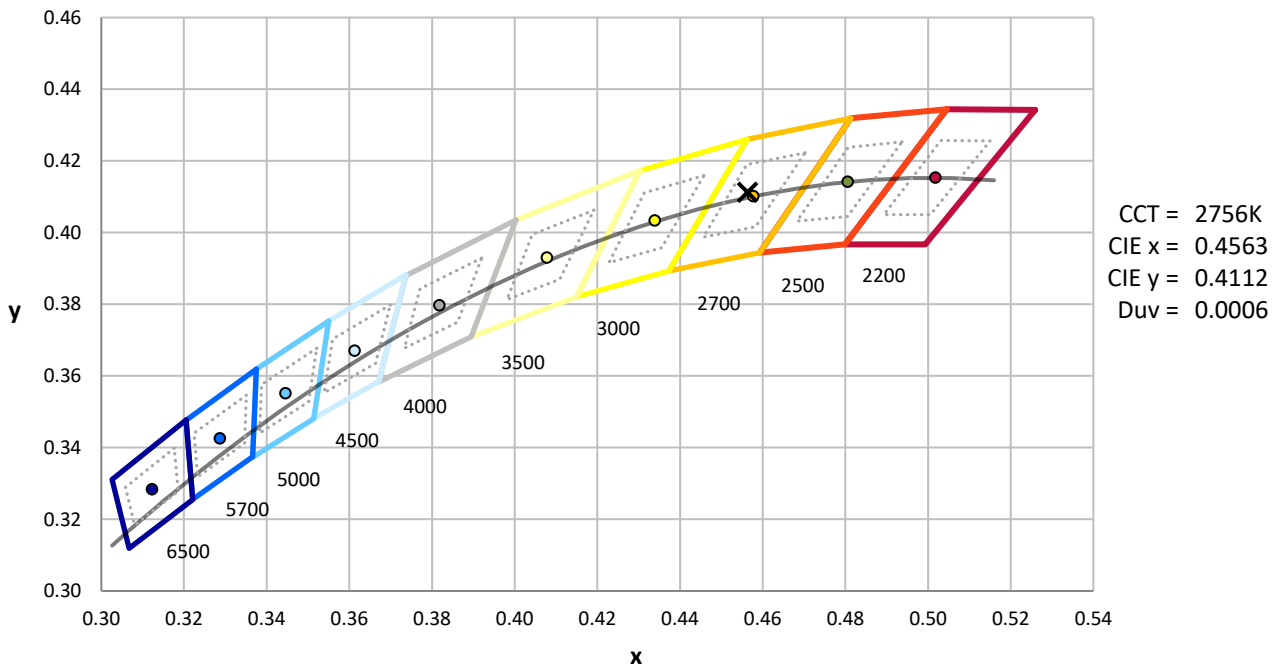
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

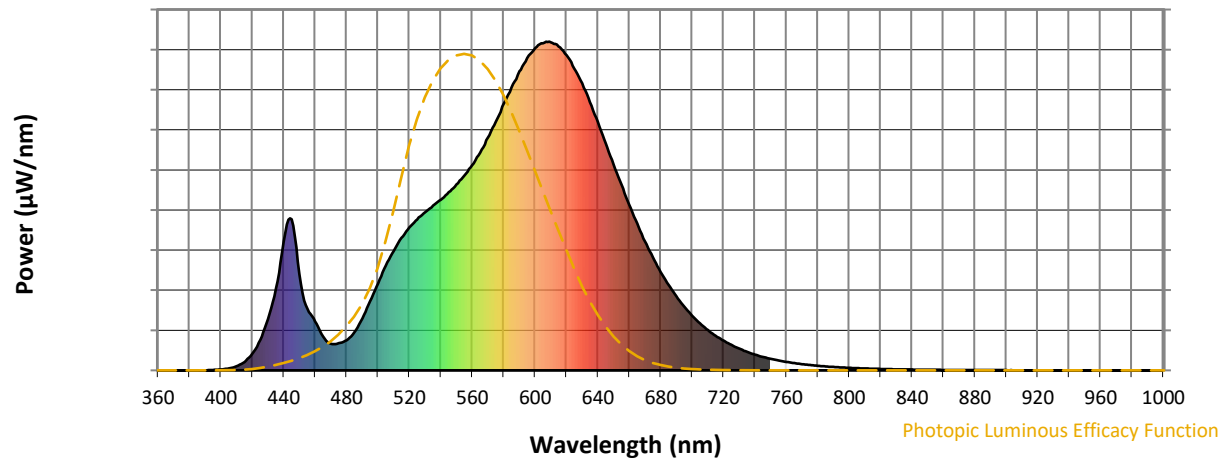


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

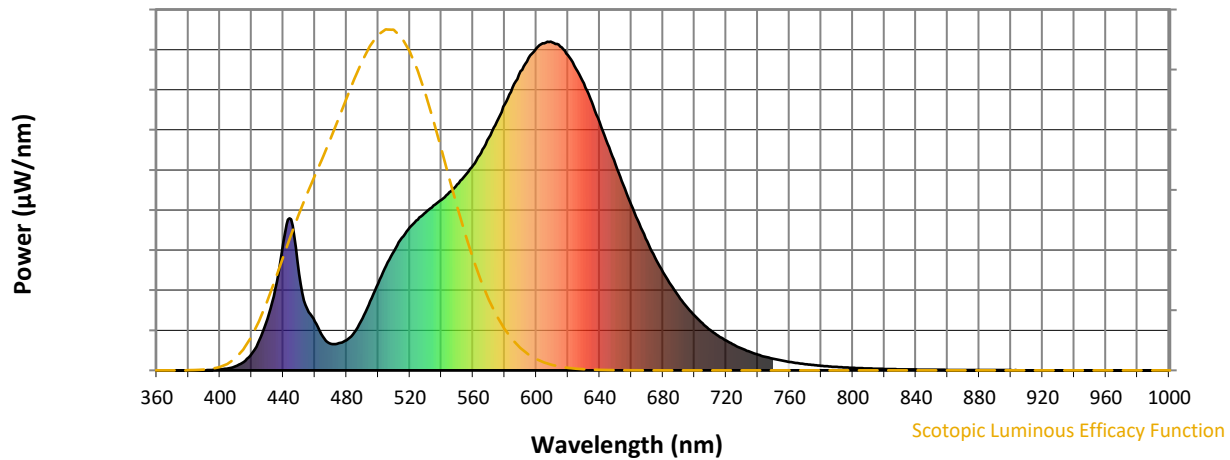


Photopic Lumens: NR

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



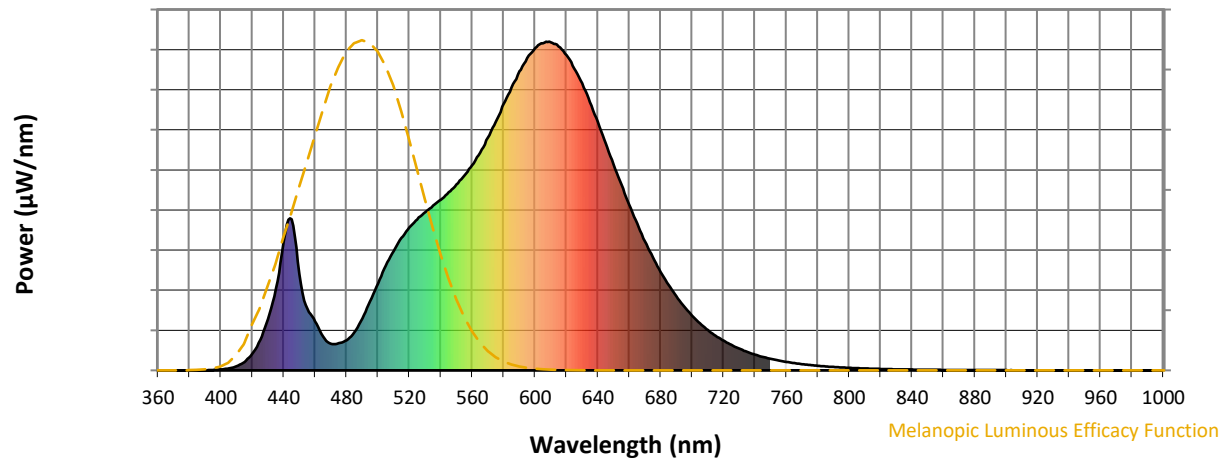
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

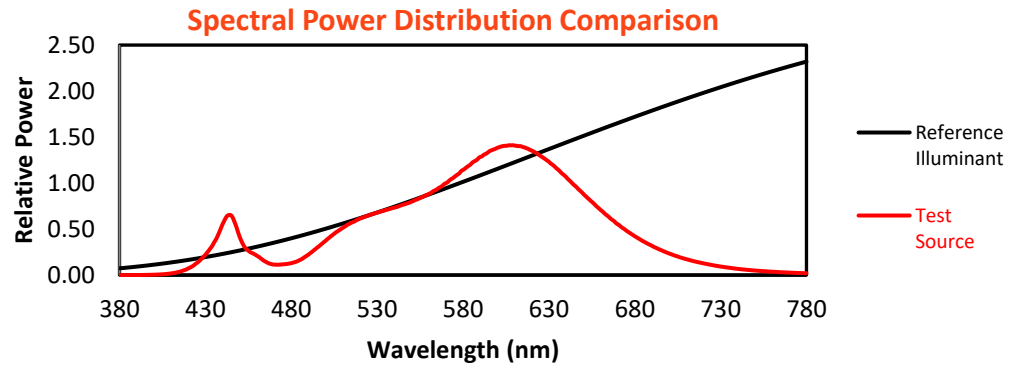
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158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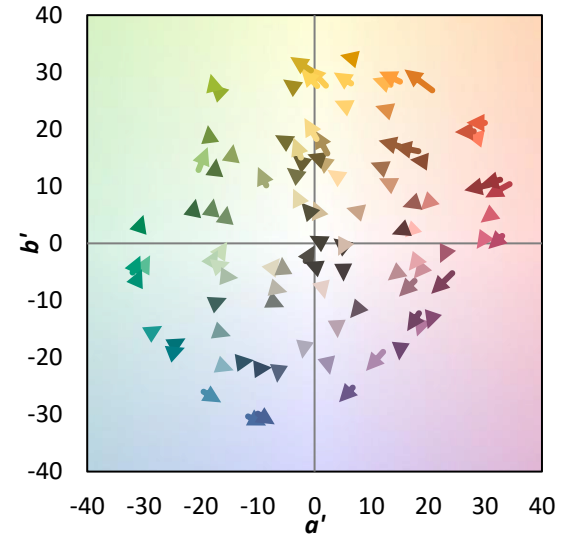
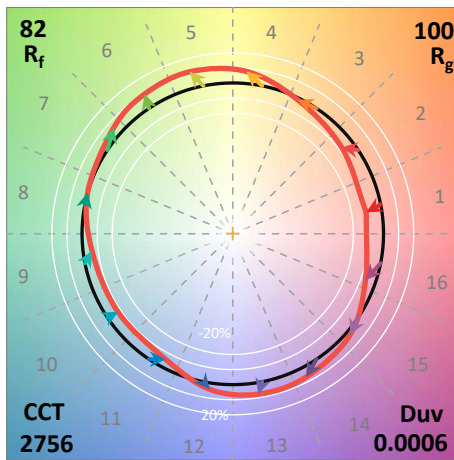
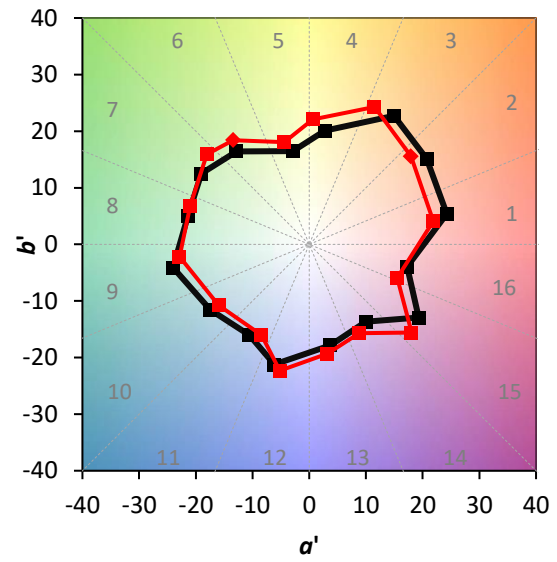
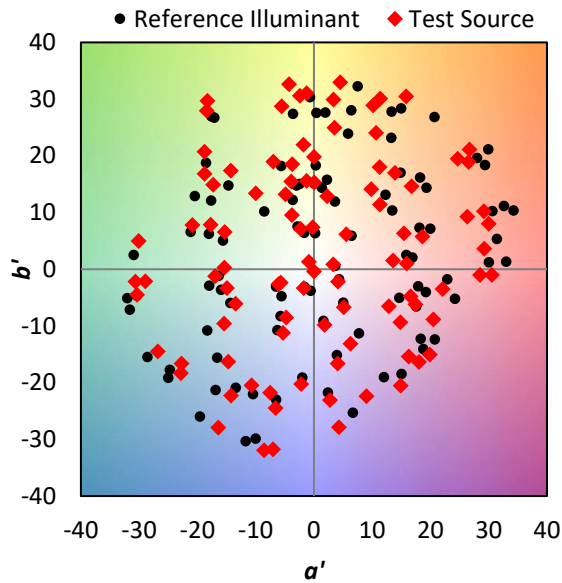
TM-30-18

Summary

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

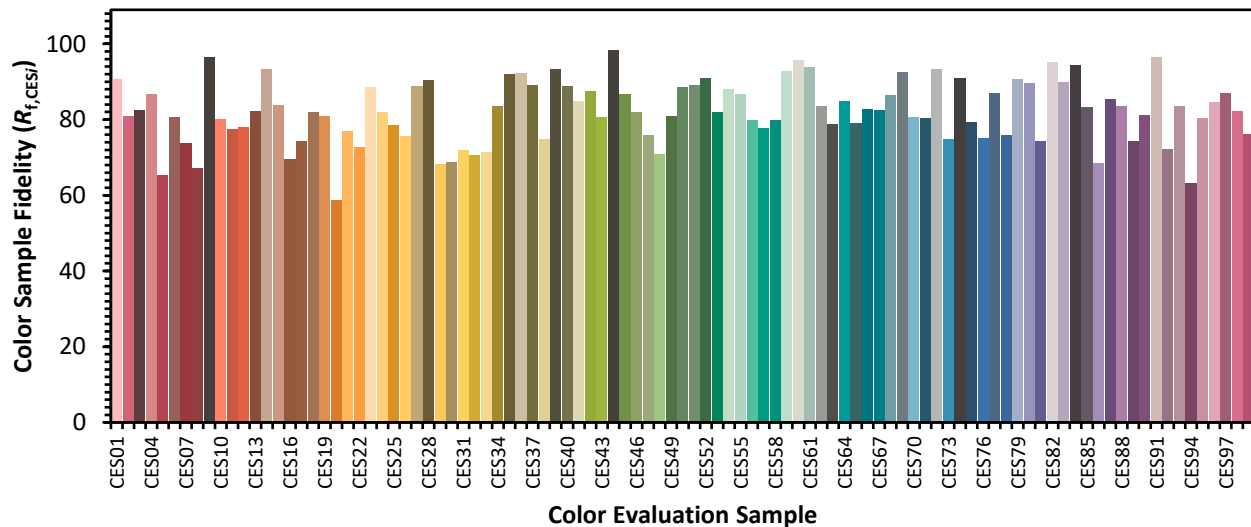


Color Vector Graphics

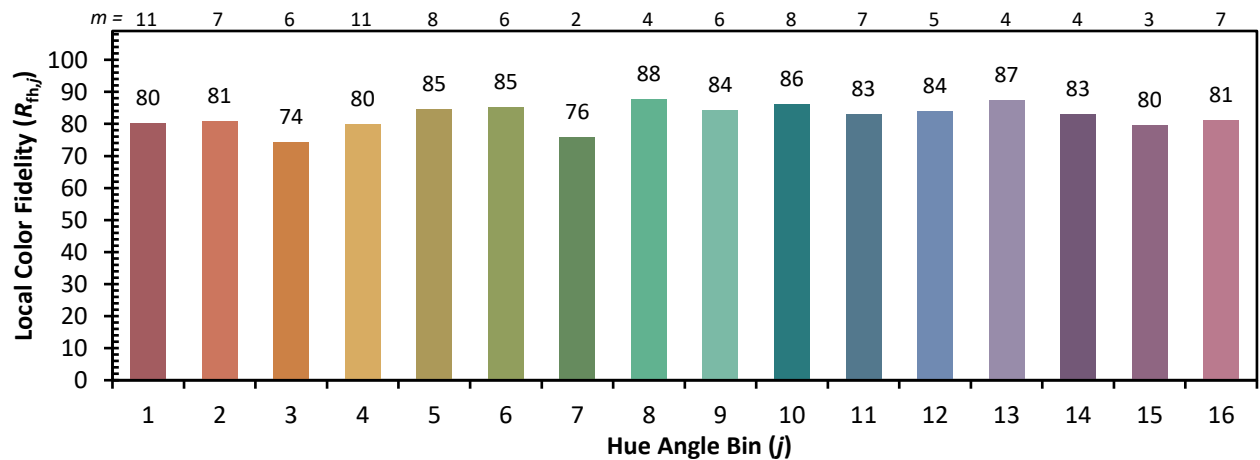
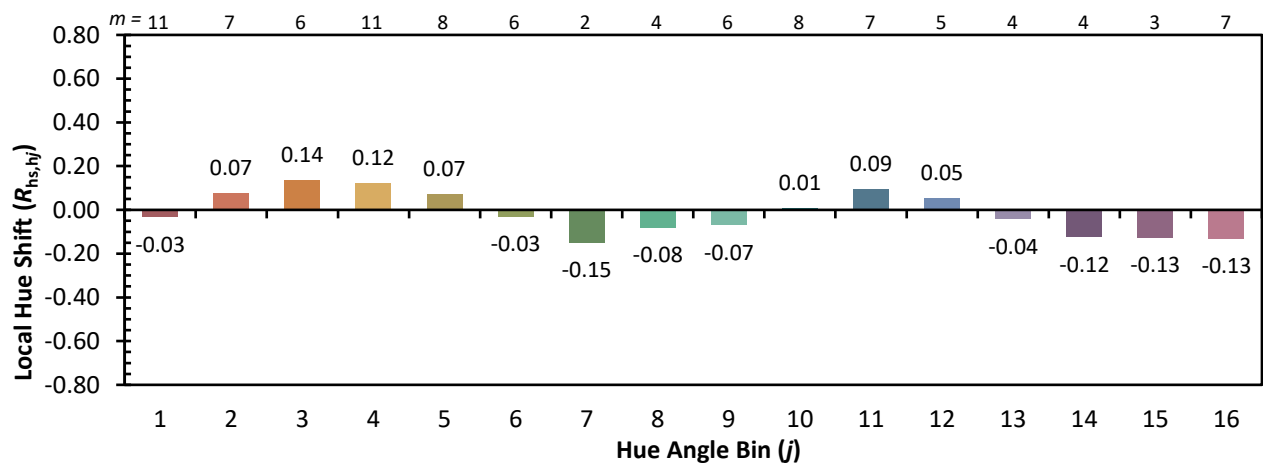
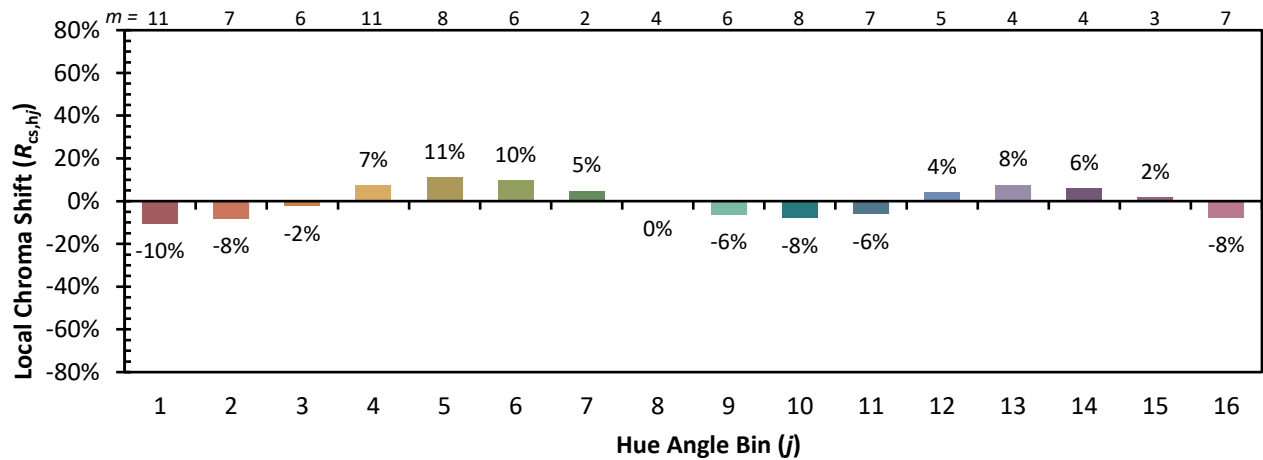


Individual Sample Fidelity Index ($R_{f,i}$)

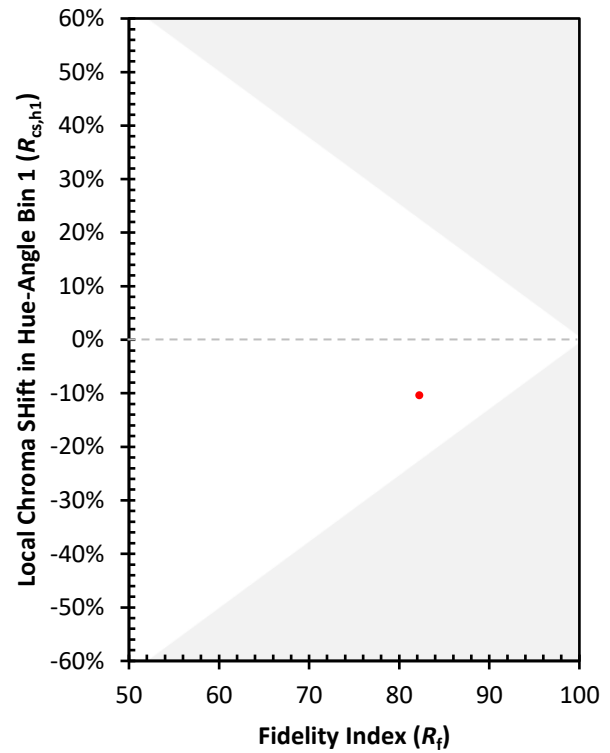
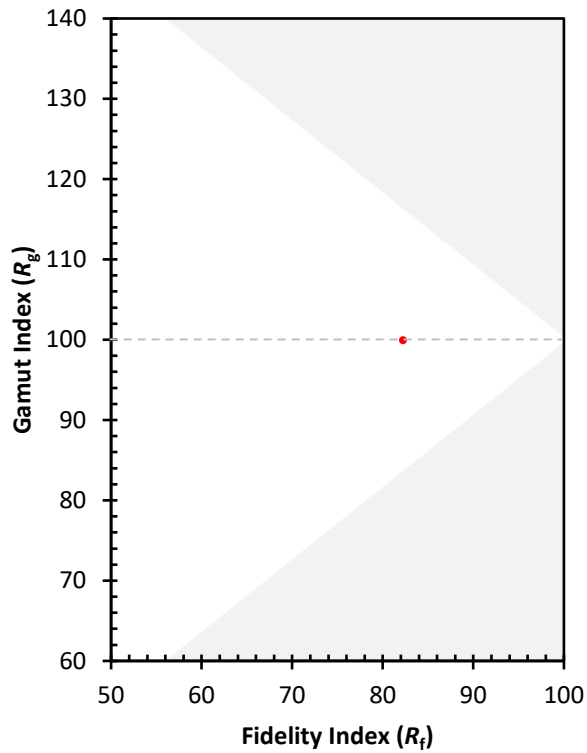
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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