

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: P1048503

Luminaire Tested: **GALN-SA4C-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048503
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19604.5 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 190.4
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

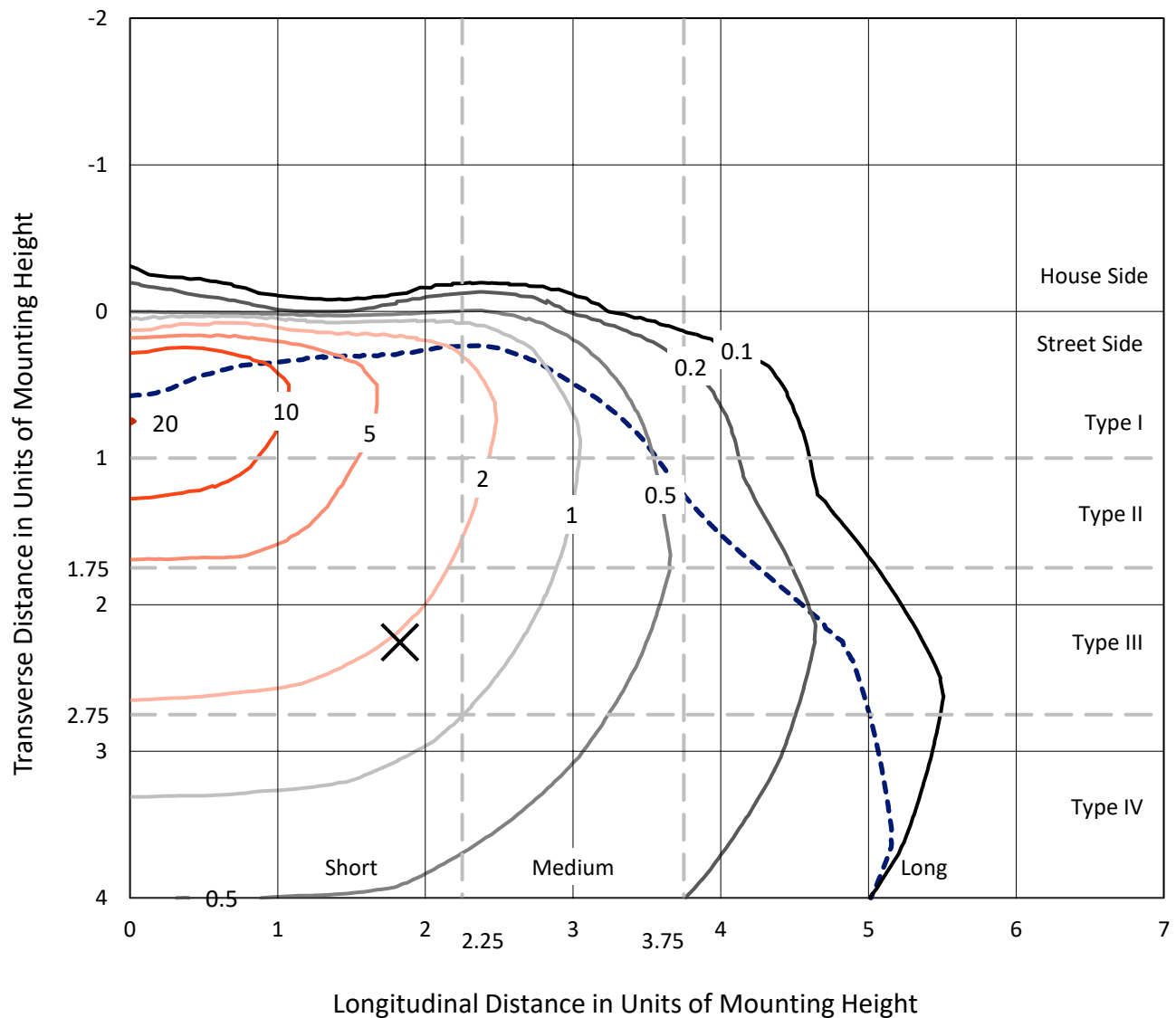


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

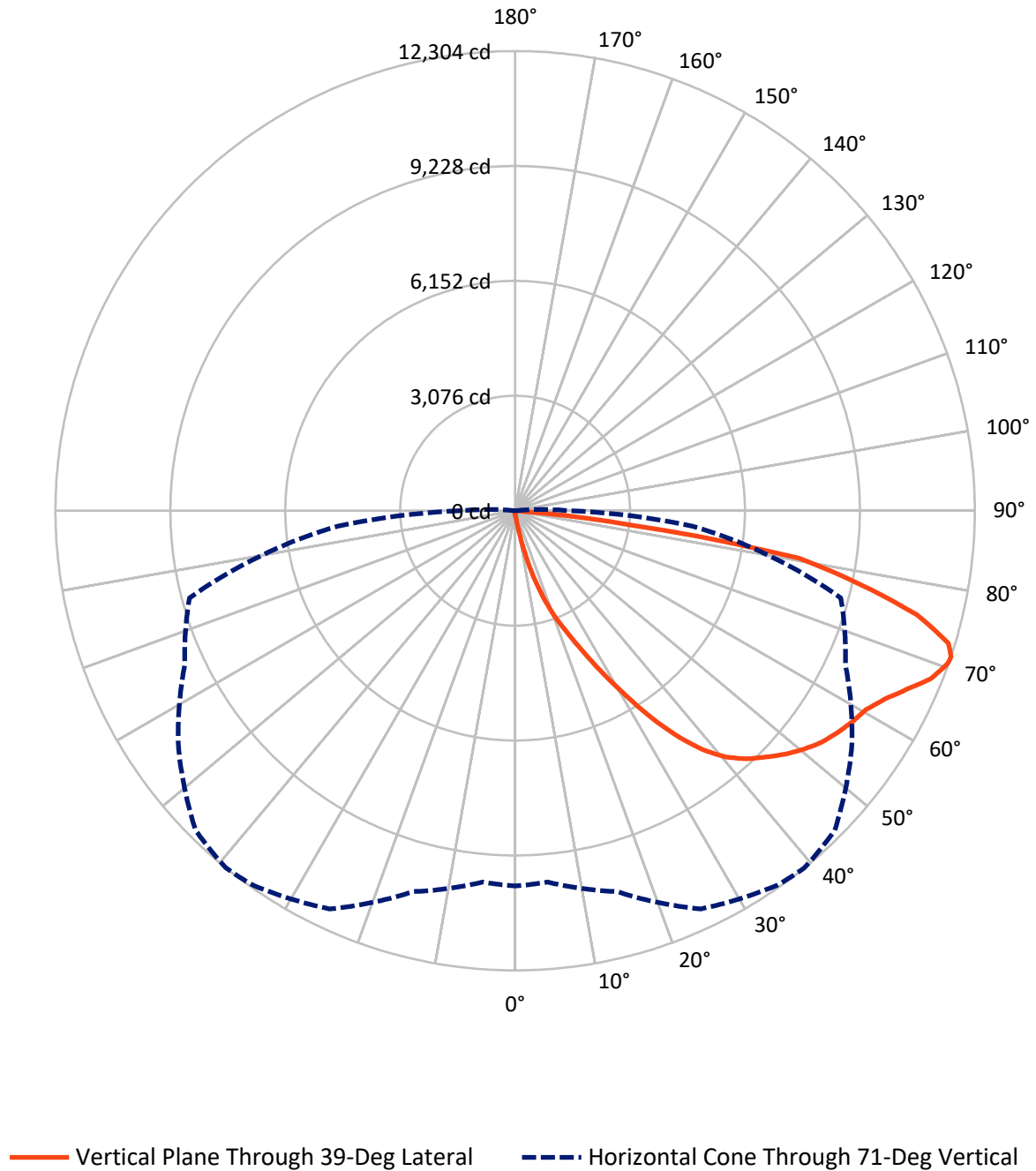


Based on 15 foot mounting height. Maximum calculated value = 20.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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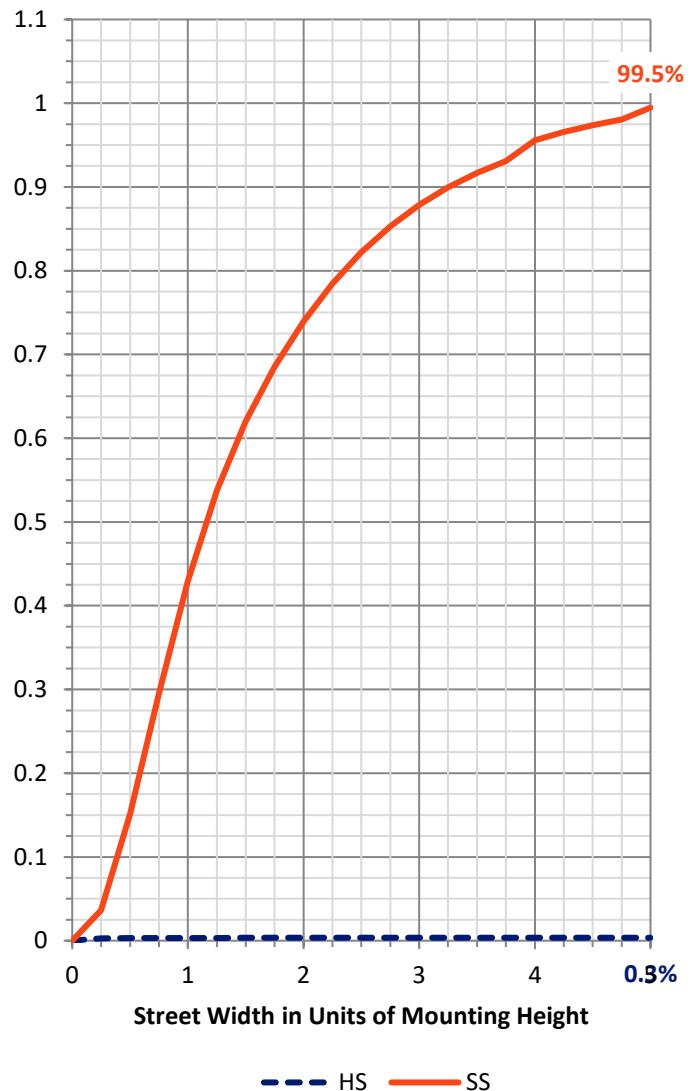
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.7	0.0	69.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19534.8	0.0	19534.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	19604.5	0.0	19604.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.4	0.1
10°-20°	209.5	1.1
20°-30°	746.2	3.8
30°-40°	1798.4	9.2
40°-50°	3009.8	15.4
50°-60°	3865.7	19.7
60°-70°	4892.0	25.0
70°-80°	4361.5	22.2
80°-90°	705.0	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°	19604.5	100.0
0°-180°	19604.5	100.0



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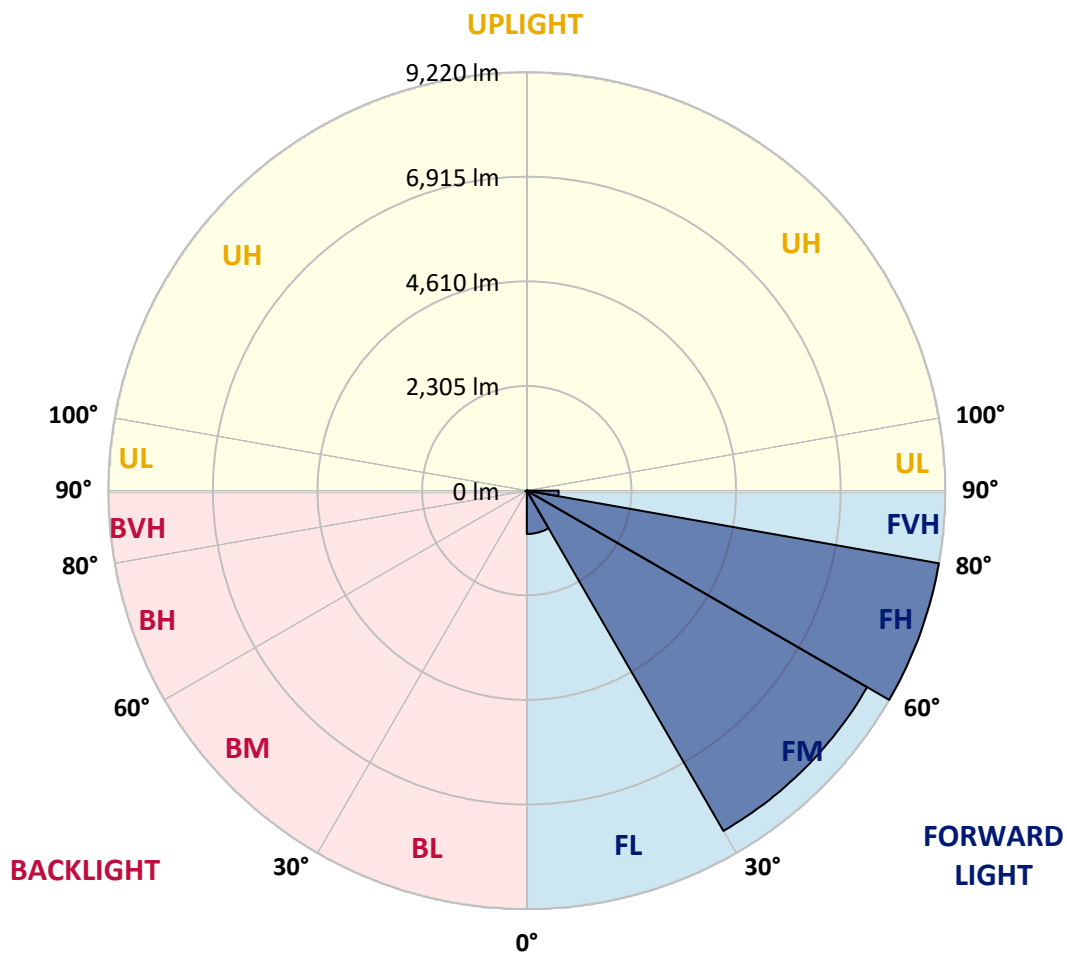
CATALOG NUMBER: GALN-SA4C-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	955.3	4.9			
FM	(30°-60°)	8657.7	44.2			
FH	(60°-80°)	9220.0	47.0			G4/12000
FVH	(80°-90°)	701.8	3.6			G4/750
BL	(0°-30°)	16.8	0.1	B0/110		
BM	(30°-60°)	16.1	0.1	B0/220		
BH	(60°-80°)	33.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
2.5°	123.4	123.4	123.4	119.4	119.4	118.1	116.8	116.8	114.1	112.8	110.2
5°	187.1	183.1	173.9	168.5	157.9	151.3	144.7	135.4	126.1	119.4	111.5
7.5°	423.4	432.6	402.1	345.1	286.7	261.4	219.0	176.5	146.0	126.1	112.8
10°	1078.9	1073.6	970.1	856.0	660.9	582.6	456.5	288.0	188.5	138.0	114.1
12.5°	1835.4	1830.1	1708.0	1552.7	1295.3	1132.0	893.2	537.5	270.7	156.6	114.1
15°	2471.1	2449.9	2411.4	2257.4	1956.2	1819.5	1503.6	950.2	437.9	188.5	116.8
17.5°	2891.8	2873.2	2837.4	2781.6	2590.5	2428.6	2175.1	1493.0	708.7	244.2	122.1
20°	3278.0	3264.7	3235.5	3224.9	3101.5	3015.2	2805.5	2116.8	1104.2	331.8	130.1
22.5°	3808.8	3781.0	3792.9	3729.2	3608.4	3504.9	3376.2	2769.7	1587.2	477.8	144.7
25°	4459.1	4445.8	4412.7	4367.5	4200.3	4110.1	3912.3	3385.5	2127.4	668.9	160.6
27.5°	5244.8	5230.2	5222.2	5118.7	4926.3	4828.1	4552.0	3966.8	2735.2	936.9	181.8
30°	6149.9	6156.5	6104.7	5972.0	5747.7	5609.7	5325.7	4575.9	3357.6	1251.5	204.4
32.5°	7086.8	7073.5	6993.9	6837.3	6636.9	6508.2	6147.2	5243.4	4010.5	1666.9	230.9
35°	8096.7	8071.5	7861.8	7682.7	7511.5	7349.6	7020.5	6018.5	4663.5	2132.7	266.8
37.5°	9116.0	8997.9	8577.2	8350.2	8232.1	8099.4	7792.8	6845.3	5312.5	2652.9	310.5
40°	9885.7	9794.1	9295.1	8877.1	8782.9	8670.1	8441.8	7559.3	6002.6	3211.6	363.6
42.5°	10311.7	10261.3	9812.7	9400.0	9178.3	9078.8	8883.7	8183.0	6684.7	3828.7	440.6
45°	10493.5	10415.2	10115.3	9922.9	9569.8	9405.3	9173.0	8654.1	7397.4	4529.5	548.1
47.5°	10437.8	10392.7	10177.7	10248.0	9991.9	9735.7	9394.7	9015.1	8006.5	5333.7	695.4
50°	10087.4	10048.9	9982.6	10363.5	10331.6	10029.0	9681.3	9300.4	8504.2	6163.1	923.7
52.5°	9421.2	9405.3	9575.2	10273.2	10524.0	10287.8	9957.4	9552.6	8968.7	7029.7	1250.1
55°	8562.6	8627.6	9113.3	10132.5	10622.2	10478.9	10201.6	9788.8	9341.6	7804.8	1731.9
57.5°	8209.5	8226.8	8833.3	10033.0	10666.0	10647.5	10439.1	10014.4	9684.0	8424.5	2467.1
60°	8622.3	8595.7	8915.6	10108.7	10753.6	10798.8	10650.1	10224.1	9981.2	8956.7	3446.5
62.5°	9368.1	9353.5	9455.7	10431.1	11009.8	11101.3	10943.4	10375.4	10244.0	9307.1	4564.0
65°	10034.3	10003.8	10193.6	11003.1	11459.7	11524.7	11386.7	10634.2	10359.5	9561.9	5613.7
67.5°	10322.3	10315.7	10620.9	11547.2	11932.1	12002.4	11881.7	10991.2	10332.9	9642.8	6076.9
70°	10190.9	10165.7	10654.1	11778.2	12198.9	12278.5	12161.7	11123.9	10045.0	9386.7	5390.8
71°	10046.3	9978.6	10554.6	11762.2	12236.0	12303.7	12099.3	11003.1	9755.6	9023.1	4768.3
72.5°	9597.7	9609.7	10281.2	11596.4	12147.1	12127.2	11746.3	10570.5	9406.6	8197.6	3830.1
75°	8493.6	8563.9	9396.0	10899.6	11353.5	11100.0	10517.4	9743.7	8705.9	5877.8	2659.5
77.5°	6940.8	7045.7	7960.1	9559.2	9430.5	9405.3	9381.4	8585.1	7434.5	3157.2	1850.0
80°	3313.8	3540.7	4801.5	6824.0	7413.3	7698.6	7519.4	6918.3	5749.1	1503.6	1105.5
82.5°	216.3	213.7	302.6	573.3	2416.7	3124.0	4963.4	4944.8	4007.9	732.6	451.2
85°	102.2	104.8	115.5	131.4	152.6	167.2	230.9	1353.7	1917.7	349.0	98.2
87.5°	59.7	61.0	71.7	91.6	119.4	132.7	157.9	203.0	249.5	192.4	21.2
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: P1048503

CATALOG NUMBER: GALN-SA4C-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
2.5°	108.8	107.5	103.5	99.5	95.6	92.9	91.6	92.9	92.9	94.2	94.2
5°	108.8	104.8	98.2	90.2	84.9	79.6	77.0	75.6	77.0	77.0	77.0
7.5°	107.5	100.9	91.6	82.3	75.6	69.0	66.4	65.0	65.0	66.4	66.4
10°	104.8	98.2	86.3	75.6	67.7	59.7	55.7	51.8	51.8	51.8	53.1
12.5°	103.5	94.2	79.6	69.0	58.4	49.1	41.1	37.2	38.5	38.5	38.5
15°	100.9	90.2	75.6	62.4	49.1	37.2	30.5	26.5	27.9	29.2	27.9
17.5°	100.9	88.9	70.3	54.4	38.5	27.9	22.6	19.9	19.9	21.2	21.2
20°	100.9	86.3	66.4	46.4	29.2	21.2	15.9	14.6	14.6	17.3	18.6
22.5°	103.5	86.3	61.0	38.5	23.9	15.9	11.9	10.6	11.9	14.6	15.9
25°	107.5	84.9	55.7	34.5	19.9	11.9	9.3	6.6	8.0	10.6	11.9
27.5°	111.5	83.6	50.4	30.5	15.9	9.3	6.6	5.3	4.0	5.3	5.3
30°	115.5	83.6	45.1	25.2	13.3	6.6	4.0	2.7	1.3	0.0	0.0
32.5°	118.1	81.0	41.1	19.9	10.6	5.3	2.7	1.3	0.0	0.0	0.0
35°	120.8	78.3	35.8	15.9	8.0	4.0	1.3	0.0	0.0	0.0	0.0
37.5°	123.4	74.3	30.5	13.3	6.6	2.7	0.0	0.0	0.0	0.0	0.0
40°	126.1	69.0	25.2	11.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	128.7	65.0	21.2	9.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	135.4	62.4	17.3	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	147.3	59.7	15.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	164.6	57.1	14.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	188.5	55.7	13.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	230.9	54.4	11.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	303.9	53.1	11.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	465.8	50.4	11.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	832.1	49.1	10.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1450.5	50.4	10.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2079.6	53.1	9.3	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	1779.7	46.4	9.3	5.3	2.7	1.3	0.0	0.0	0.0	0.0	0.0
71°	1450.5	41.1	9.3	5.3	2.7	1.3	1.3	0.0	0.0	0.0	0.0
72.5°	933.0	31.9	8.0	5.3	2.7	2.7	1.3	0.0	0.0	0.0	0.0
75°	394.2	26.5	8.0	5.3	4.0	2.7	2.7	1.3	0.0	0.0	0.0
77.5°	168.5	19.9	8.0	6.6	5.3	4.0	4.0	2.7	1.3	0.0	0.0
80°	63.7	15.9	9.3	8.0	6.6	6.6	5.3	2.7	1.3	0.0	0.0
82.5°	29.2	13.3	9.3	8.0	8.0	6.6	5.3	4.0	2.7	0.0	0.0
85°	18.6	11.9	9.3	8.0	8.0	6.6	6.6	4.0	2.7	0.0	0.0
87.5°	14.6	11.9	9.3	9.3	8.0	8.0	5.3	4.0	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

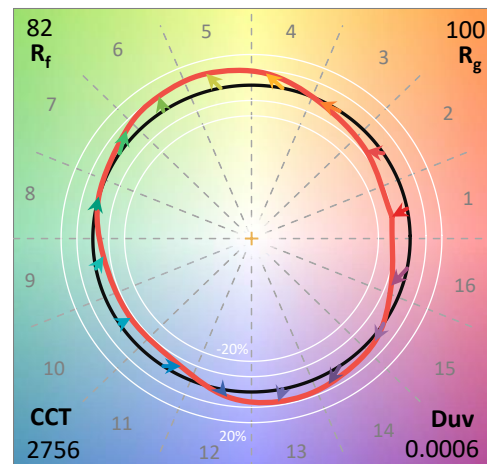
Test Information

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

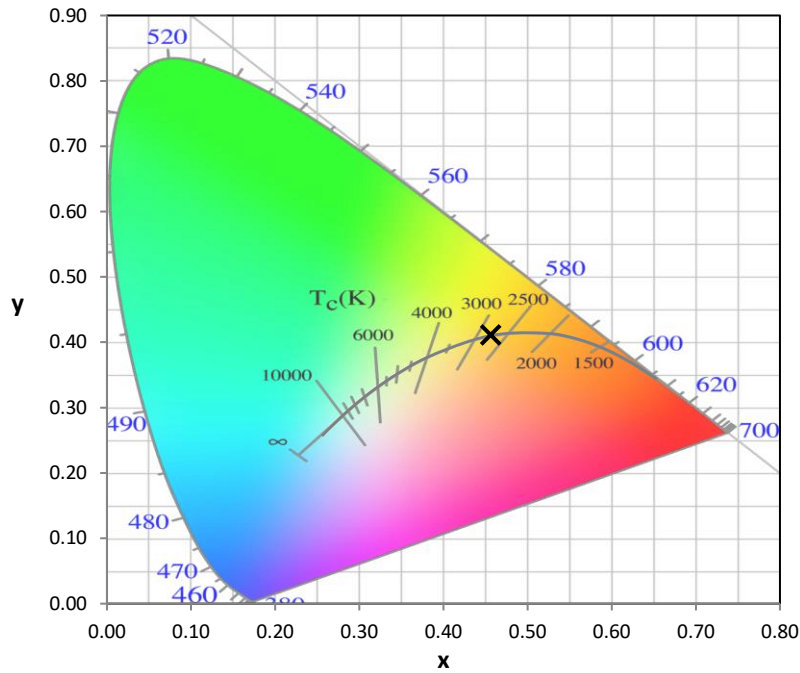
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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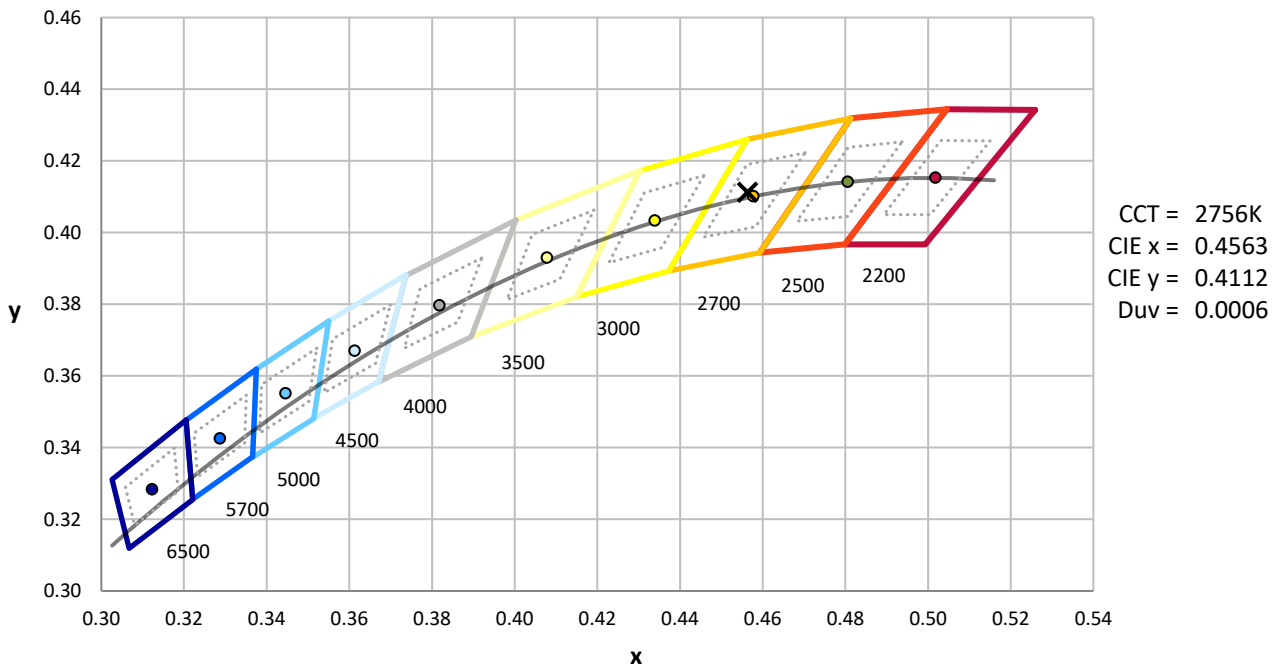
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



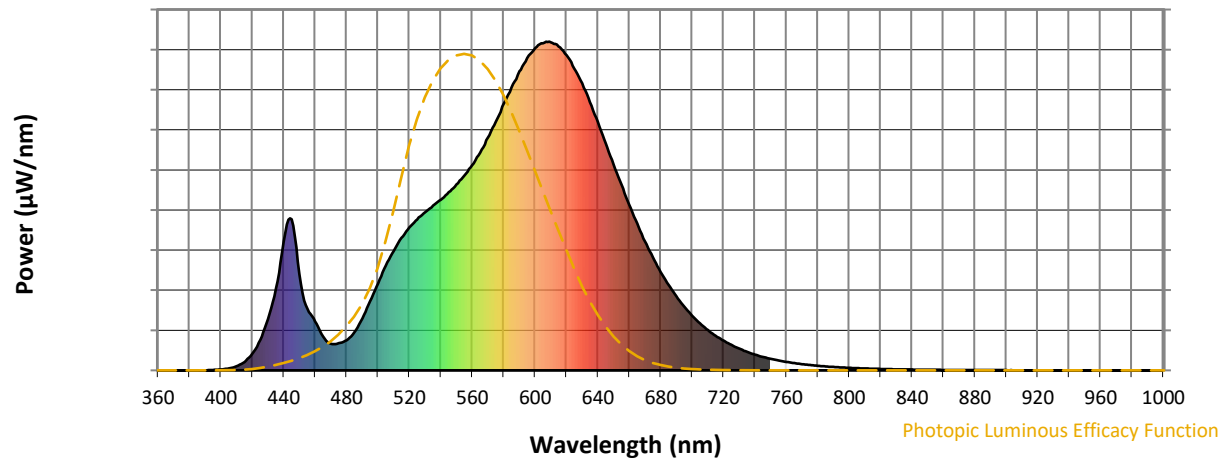
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

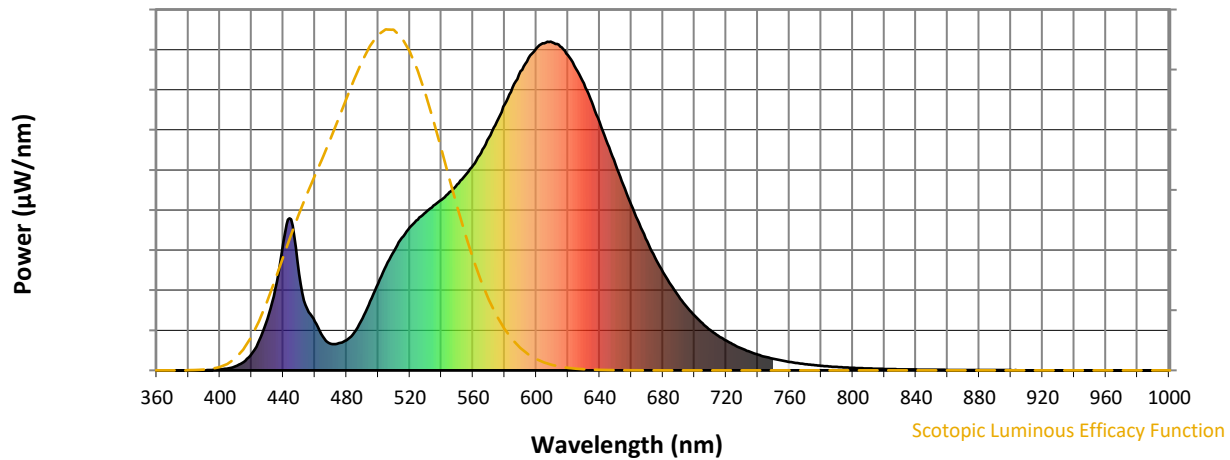


Photopic Lumens: NR

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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Scotopic Flux vs. Wavelength



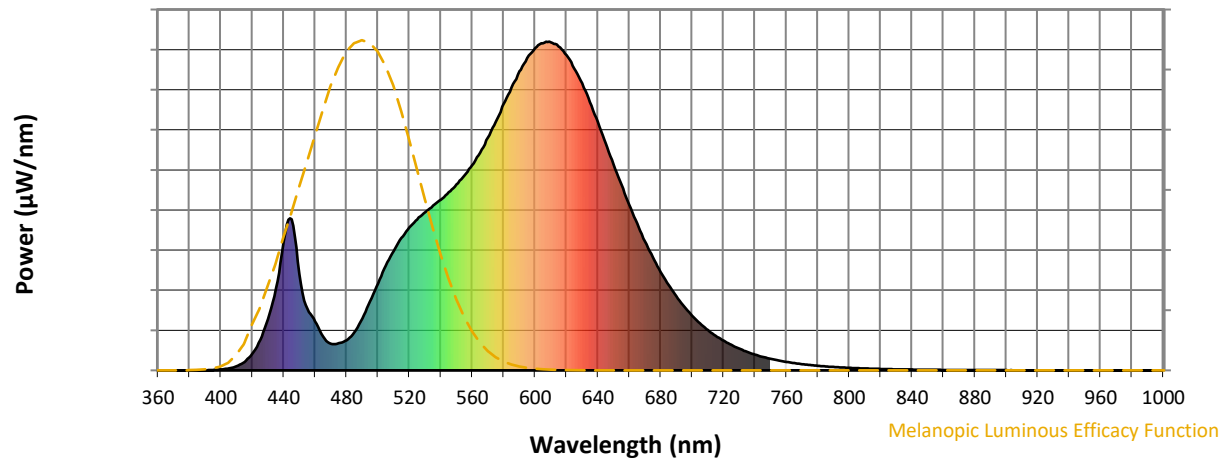
Scotopic Lumens: NR

S/P: 1.2

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	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

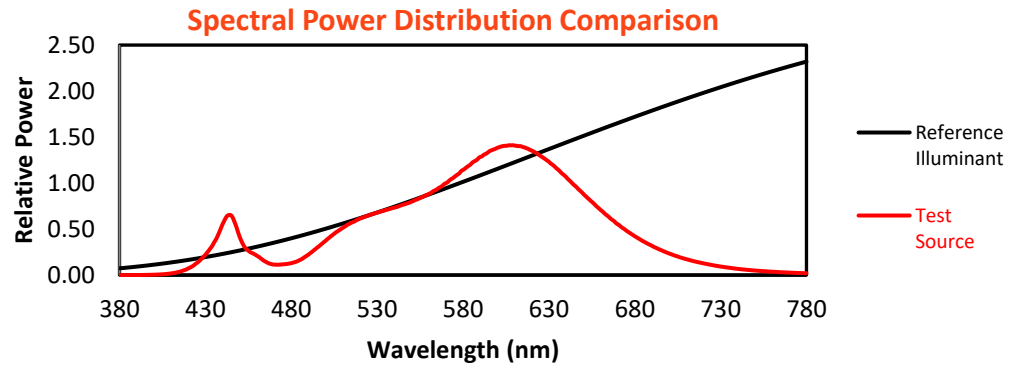
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959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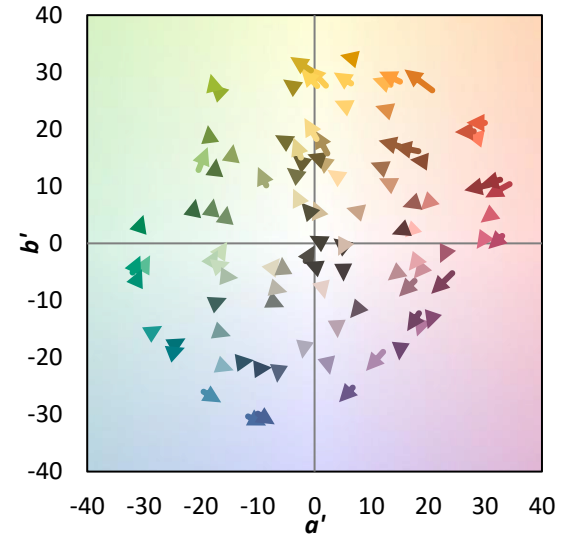
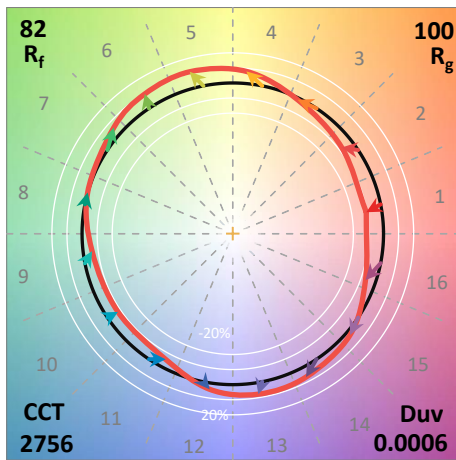
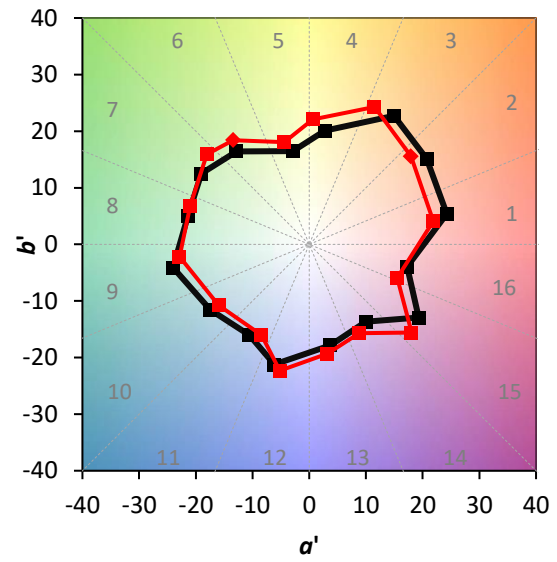
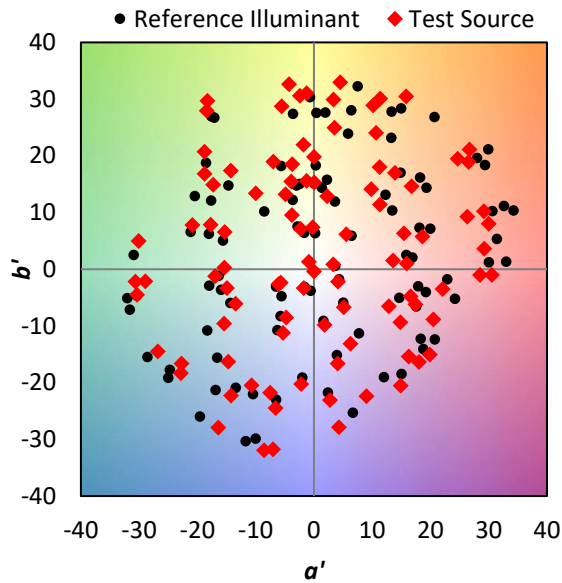
TM-30-18

Summary

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

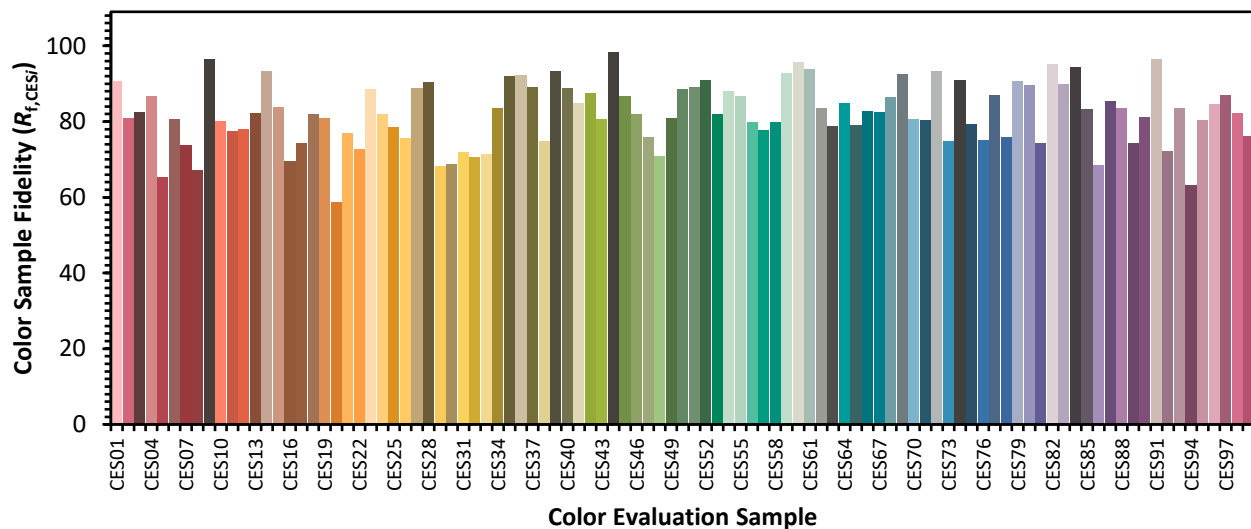


Color Vector Graphics

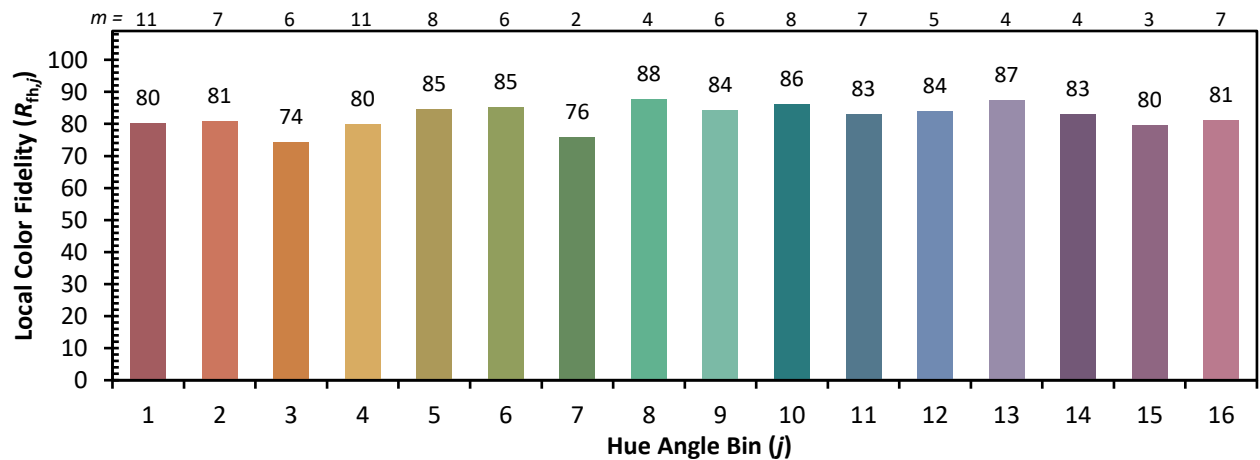
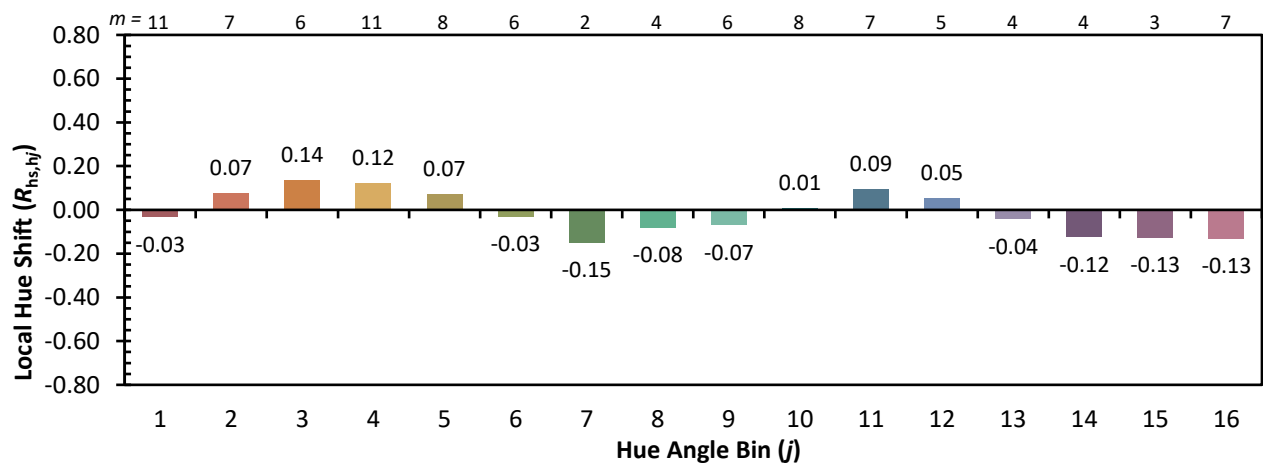
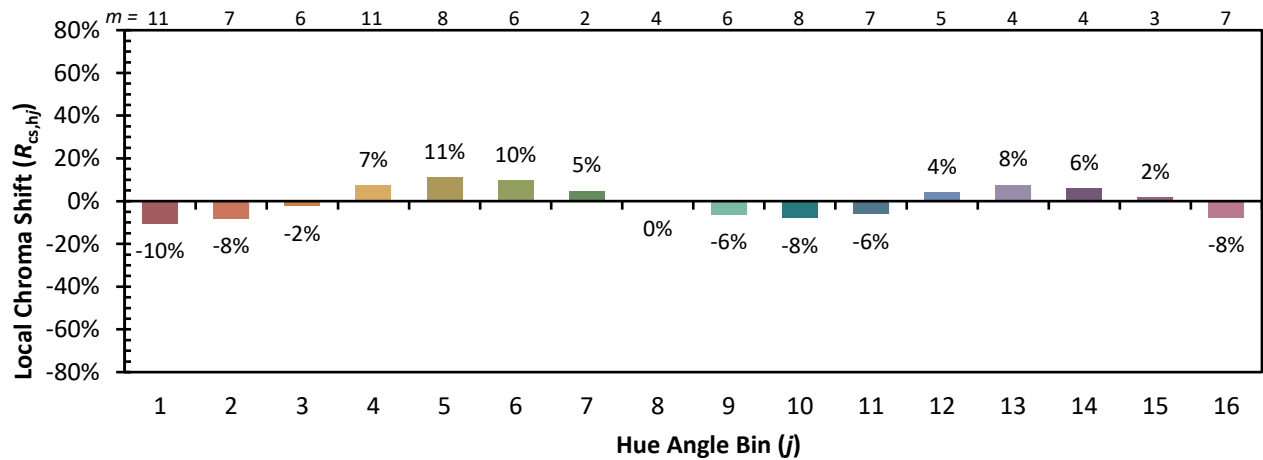


Individual Sample Fidelity Index ($R_{f,i}$)

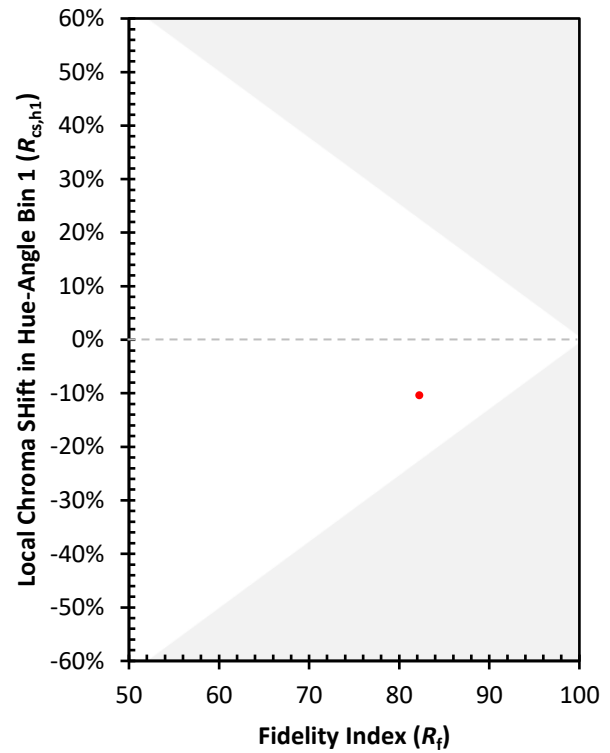
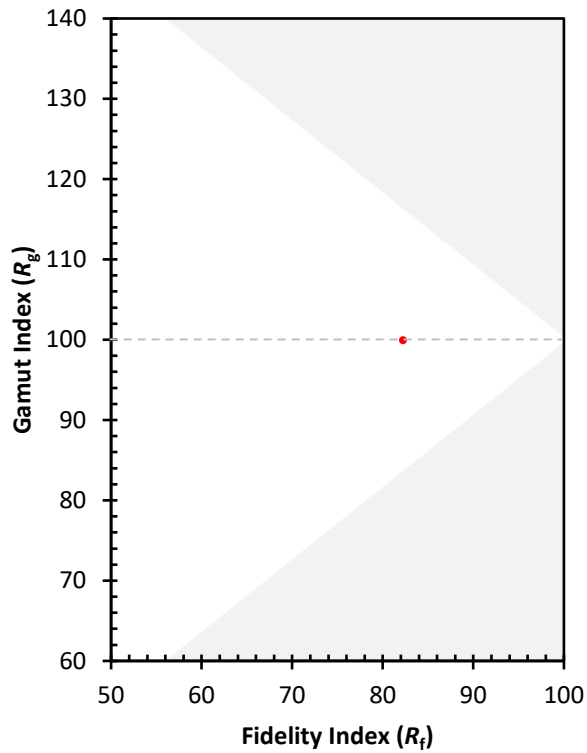
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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