

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: P1048470

Luminaire Tested: **GALN-SA5B-757-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048470
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-757-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22680 lumens
Efficiency: N/A
Efficacy: 126.8 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): 178.8
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

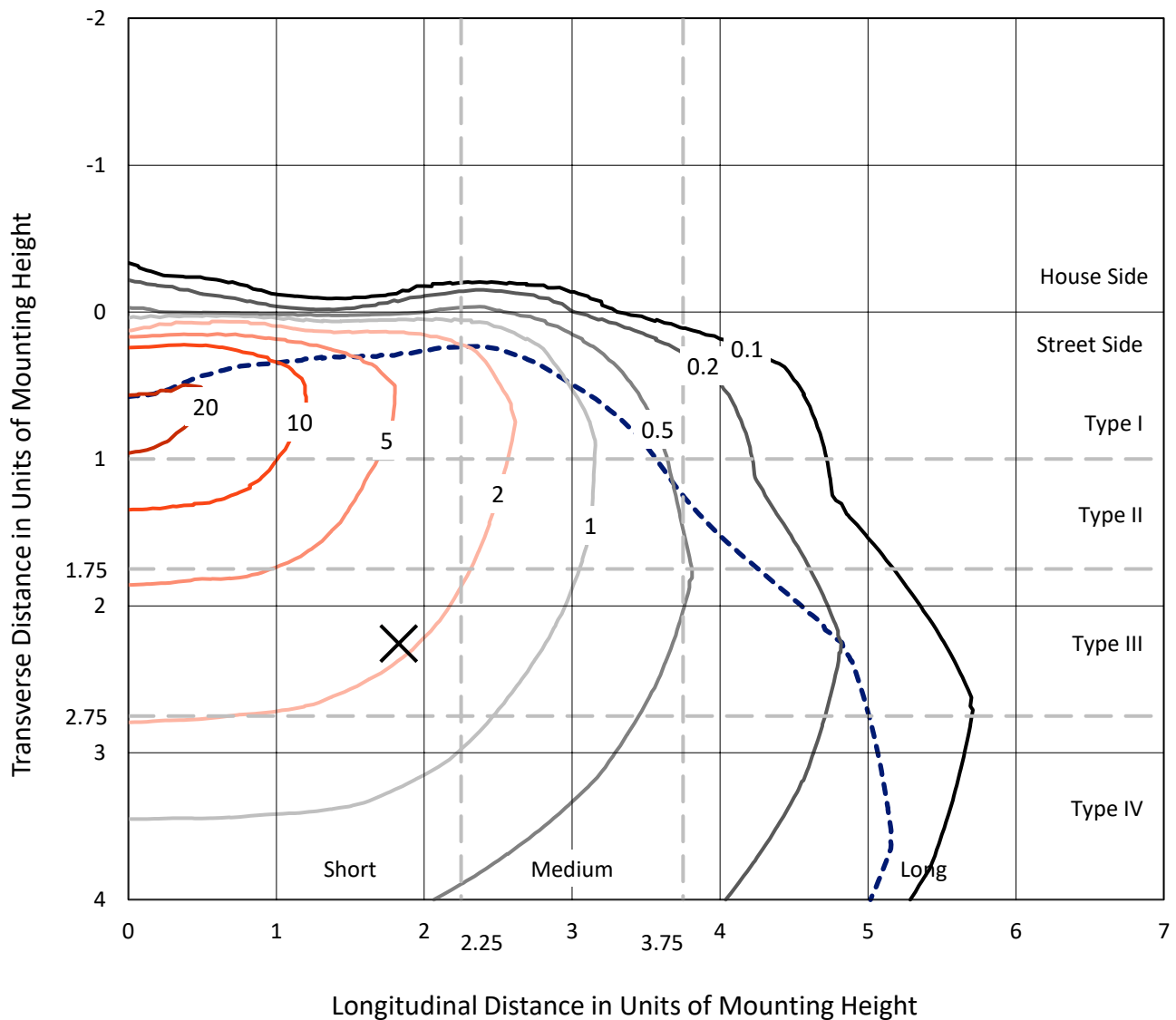


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

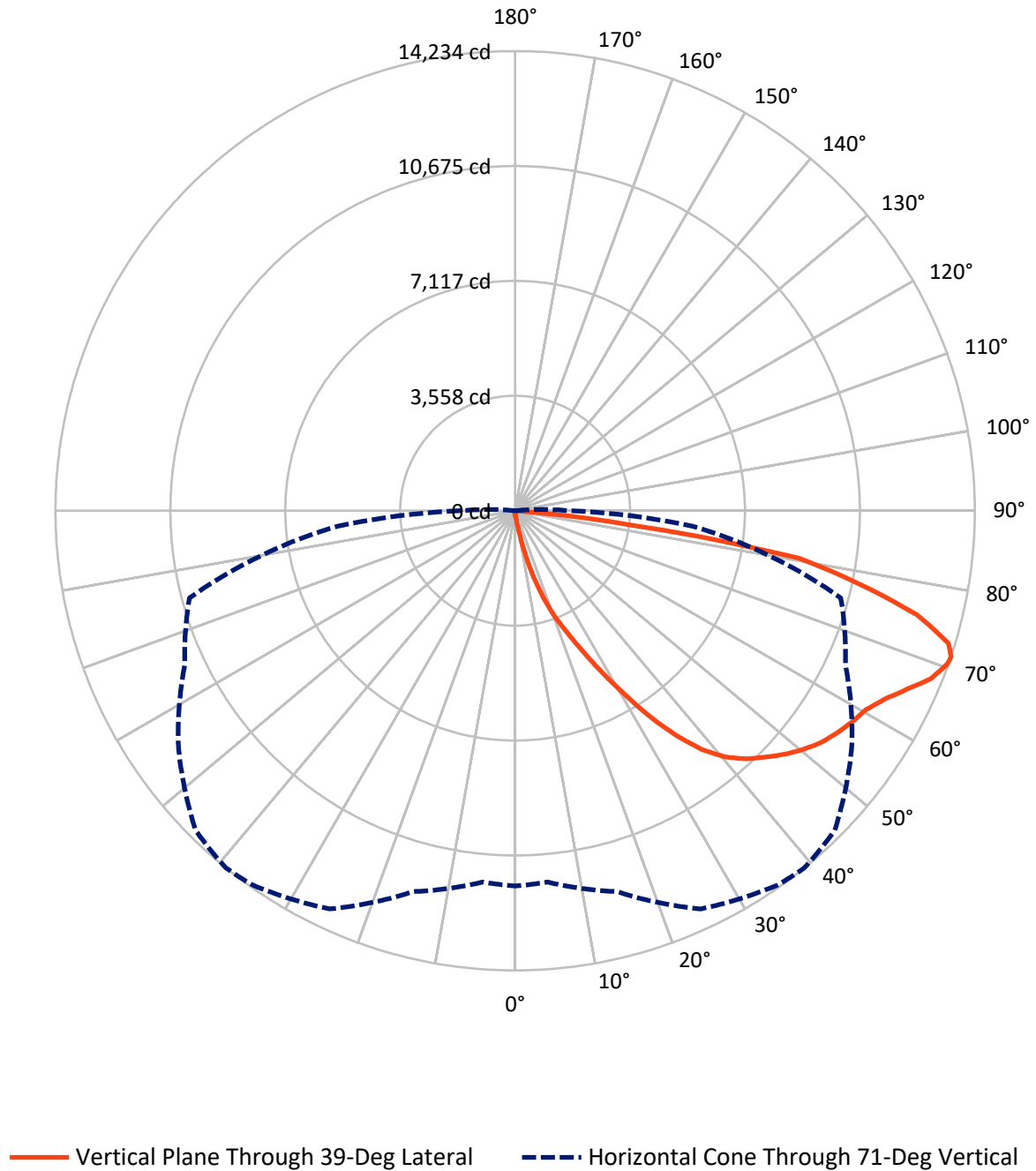


Based on 15 foot mounting height. Maximum calculated value = 23.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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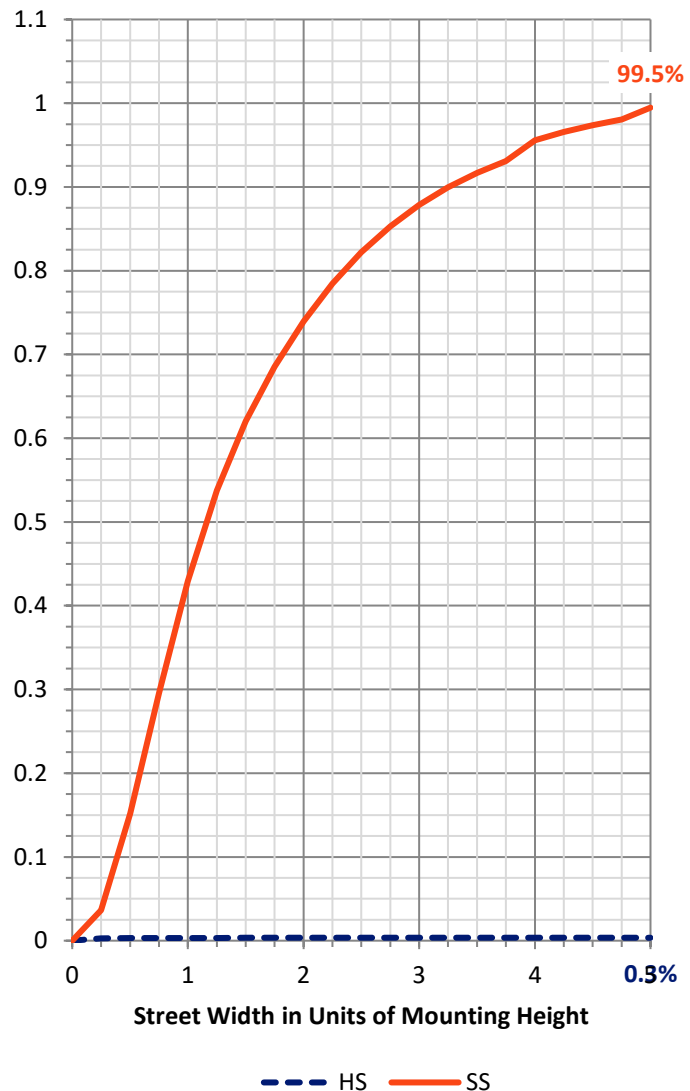
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.6	0.0	80.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22599.5	0.0	22599.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	22680.0	0.0	22680.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.0	0.1
10°-20°	242.4	1.1
20°-30°	863.3	3.8
30°-40°	2080.5	9.2
40°-50°	3481.9	15.4
50°-60°	4472.1	19.7
60°-70°	5659.5	25.0
70°-80°	5045.7	22.2
80°-90°	815.6	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°	22680.0	100.0
0°-180°	22680.0	100.0



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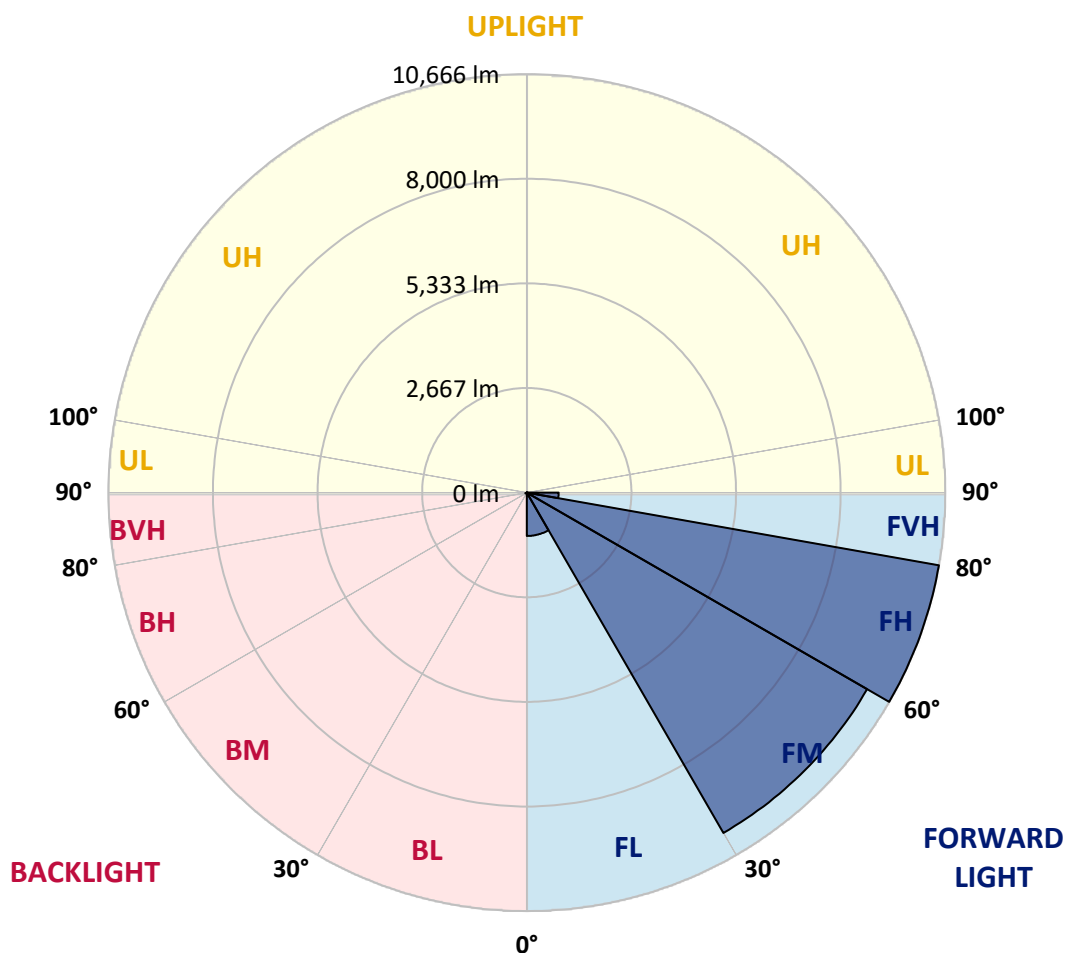
CATALOG NUMBER: GALN-SA5B-757-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1105.1	4.9			
FM	(30°-60°)	10016.0	44.2			
FH	(60°-80°)	10666.5	47.0			G4/12000
FVH	(80°-90°)	811.9	3.6			G5
BL	(0°-30°)	19.5	0.1	B0/110		
BM	(30°-60°)	18.7	0.1	B0/220		
BH	(60°-80°)	38.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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°	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
2.5°	142.8	142.8	142.8	138.2	138.2	136.6	135.1	135.1	132.0	130.5	127.4
5°	216.5	211.9	201.1	195.0	182.7	175.0	167.3	156.6	145.9	138.2	129.0
7.5°	489.8	500.5	465.2	399.2	331.6	302.5	253.3	204.2	168.9	145.9	130.5
10°	1248.2	1242.1	1122.3	990.3	764.6	674.0	528.2	333.2	218.0	159.7	132.0
12.5°	2123.3	2117.2	1976.0	1796.3	1498.5	1309.6	1033.3	621.8	313.2	181.2	132.0
15°	2858.8	2834.2	2789.7	2611.6	2263.1	2104.9	1739.5	1099.3	506.7	218.0	135.1
17.5°	3345.5	3324.0	3282.5	3218.0	2996.9	2809.6	2516.4	1727.2	819.9	282.5	141.2
20°	3792.2	3776.9	3743.1	3730.8	3588.0	3488.2	3245.7	2448.8	1277.4	383.8	150.5
22.5°	4406.4	4374.1	4387.9	4314.2	4174.5	4054.8	3905.9	3204.2	1836.2	552.7	167.3
25°	5158.7	5143.3	5104.9	5052.7	4859.3	4754.9	4526.1	3916.6	2461.1	773.8	185.8
27.5°	6067.6	6050.7	6041.5	5921.7	5699.1	5585.5	5266.1	4589.1	3164.3	1083.9	210.3
30°	7114.7	7122.3	7062.5	6908.9	6649.5	6489.8	6161.2	5293.8	3884.4	1447.8	236.4
32.5°	8198.6	8183.3	8091.1	7910.0	7678.1	7529.2	7111.6	6066.0	4639.7	1928.4	267.1
35°	9367.0	9337.8	9095.2	8888.0	8689.9	8502.6	8121.8	6962.7	5395.1	2467.3	308.6
37.5°	10546.1	10409.5	9922.8	9660.2	9523.6	9370.1	9015.4	7919.2	6145.9	3069.1	359.3
40°	11436.6	11330.7	10753.4	10269.8	10160.7	10030.2	9766.2	8745.2	6944.3	3715.5	420.7
42.5°	11929.4	11871.1	11352.2	10874.7	10618.3	10503.1	10277.4	9466.8	7733.4	4429.4	509.7
45°	12139.8	12049.2	11702.2	11479.6	11071.2	10880.8	10612.1	10011.8	8557.9	5240.0	634.1
47.5°	12075.3	12023.1	11774.4	11855.7	11559.4	11263.1	10868.5	10429.4	9262.6	6170.5	804.5
50°	11670.0	11625.4	11548.7	11989.3	11952.5	11602.4	11200.2	10759.5	9838.3	7130.0	1068.6
52.5°	10899.2	10880.8	11077.3	11884.9	12175.1	11901.8	11519.5	11051.2	10375.7	8132.6	1446.3
55°	9905.9	9981.1	10543.0	11722.2	12288.7	12122.9	11802.0	11324.5	10807.1	9029.2	2003.6
57.5°	9497.5	9517.4	10219.1	11607.0	12339.4	12317.9	12076.8	11585.5	11203.2	9746.2	2854.2
60°	9975.0	9944.3	10314.3	11694.5	12440.7	12492.9	12320.9	11828.1	11547.1	10361.9	3987.2
62.5°	10837.8	10820.9	10939.2	12067.6	12737.0	12843.0	12660.2	12003.1	11851.1	10767.2	5280.0
65°	11608.6	11573.2	11792.8	12729.3	13257.5	13332.7	13173.0	12302.5	11984.7	11062.0	6494.4
67.5°	11941.7	11934.0	12287.2	13358.8	13804.1	13885.4	13745.7	12715.5	11954.0	11155.6	7030.2
70°	11789.7	11760.5	12325.5	13626.0	14112.7	14204.8	14069.7	12869.1	11620.8	10859.3	6236.5
71°	11622.4	11544.1	12210.4	13607.5	14155.6	14233.9	13997.5	12729.3	11286.1	10438.6	5516.4
72.5°	11103.4	11117.3	11894.1	13415.6	14052.8	14029.8	13589.1	12228.8	10882.3	9483.7	4430.9
75°	9826.0	9907.4	10870.1	12609.6	13134.7	12841.4	12167.4	11272.3	10071.7	6799.9	3076.8
77.5°	8029.7	8151.0	9208.8	11058.9	10910.0	10880.8	10853.2	9932.0	8600.9	3652.5	2140.2
80°	3833.7	4096.2	5554.8	7894.6	8576.3	8906.4	8699.1	8003.6	6651.0	1739.5	1278.9
82.5°	250.3	247.2	350.1	663.3	2795.8	3614.1	5742.1	5720.6	4636.7	847.5	522.0
85°	118.2	121.3	133.6	152.0	176.6	193.5	267.1	1566.0	2218.5	403.8	113.6
87.5°	69.1	70.6	82.9	105.9	138.2	153.5	182.7	234.9	288.6	222.6	24.6
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-SA5B-757-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
2.5°	125.9	124.4	119.8	115.1	110.5	107.5	105.9	107.5	107.5	109.0	109.0
5°	125.9	121.3	113.6	104.4	98.3	92.1	89.0	87.5	89.0	89.0	89.0
7.5°	124.4	116.7	105.9	95.2	87.5	79.8	76.8	75.2	75.2	76.8	76.8
10°	121.3	113.6	99.8	87.5	78.3	69.1	64.5	59.9	59.9	59.9	61.4
12.5°	119.8	109.0	92.1	79.8	67.6	56.8	47.6	43.0	44.5	44.5	44.5
15°	116.7	104.4	87.5	72.2	56.8	43.0	35.3	30.7	32.2	33.8	32.2
17.5°	116.7	102.9	81.4	62.9	44.5	32.2	26.1	23.0	23.0	24.6	24.6
20°	116.7	99.8	76.8	53.7	33.8	24.6	18.4	16.9	16.9	20.0	21.5
22.5°	119.8	99.8	70.6	44.5	27.6	18.4	13.8	12.3	13.8	16.9	18.4
25°	124.4	98.3	64.5	39.9	23.0	13.8	10.7	7.7	9.2	12.3	13.8
27.5°	129.0	96.7	58.3	35.3	18.4	10.7	7.7	6.1	4.6	6.1	6.1
30°	133.6	96.7	52.2	29.2	15.4	7.7	4.6	3.1	1.5	0.0	0.0
32.5°	136.6	93.7	47.6	23.0	12.3	6.1	3.1	1.5	0.0	0.0	0.0
35°	139.7	90.6	41.5	18.4	9.2	4.6	1.5	0.0	0.0	0.0	0.0
37.5°	142.8	86.0	35.3	15.4	7.7	3.1	0.0	0.0	0.0	0.0	0.0
40°	145.9	79.8	29.2	13.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	148.9	75.2	24.6	10.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	156.6	72.2	20.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	170.4	69.1	18.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	190.4	66.0	16.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	218.0	64.5	15.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	267.1	62.9	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	351.6	61.4	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	538.9	58.3	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	962.6	56.8	12.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1678.1	58.3	12.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2405.8	61.4	10.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	2058.9	53.7	10.7	6.1	3.1	1.5	0.0	0.0	0.0	0.0	0.0
71°	1678.1	47.6	10.7	6.1	3.1	1.5	1.5	0.0	0.0	0.0	0.0
72.5°	1079.3	36.8	9.2	6.1	3.1	3.1	1.5	0.0	0.0	0.0	0.0
75°	456.0	30.7	9.2	6.1	4.6	3.1	3.1	1.5	0.0	0.0	0.0
77.5°	195.0	23.0	9.2	7.7	6.1	4.6	4.6	3.1	1.5	0.0	0.0
80°	73.7	18.4	10.7	9.2	7.7	7.7	6.1	3.1	1.5	0.0	0.0
82.5°	33.8	15.4	10.7	9.2	9.2	7.7	6.1	4.6	3.1	0.0	0.0
85°	21.5	13.8	10.7	9.2	9.2	7.7	7.7	4.6	3.1	0.0	0.0
87.5°	16.9	13.8	10.7	10.7	9.2	9.2	6.1	4.6	1.5	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

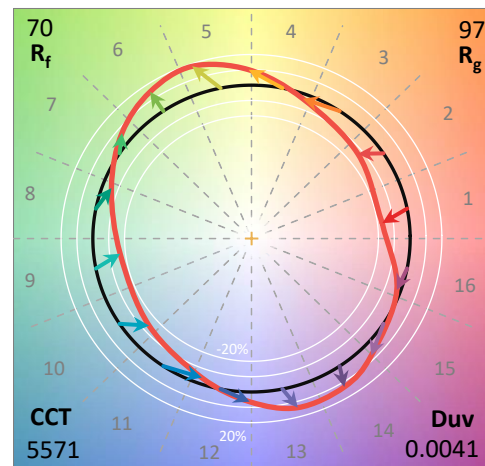
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

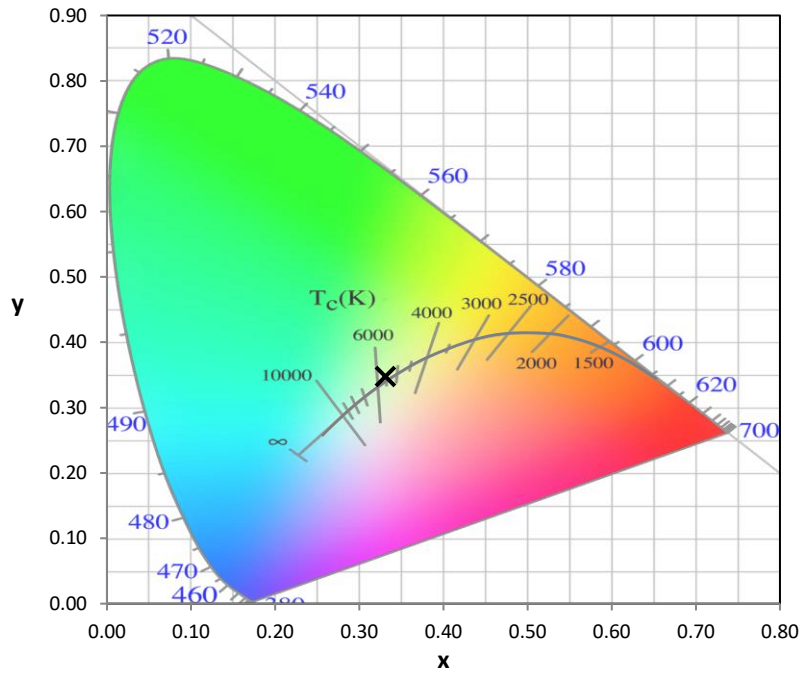
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

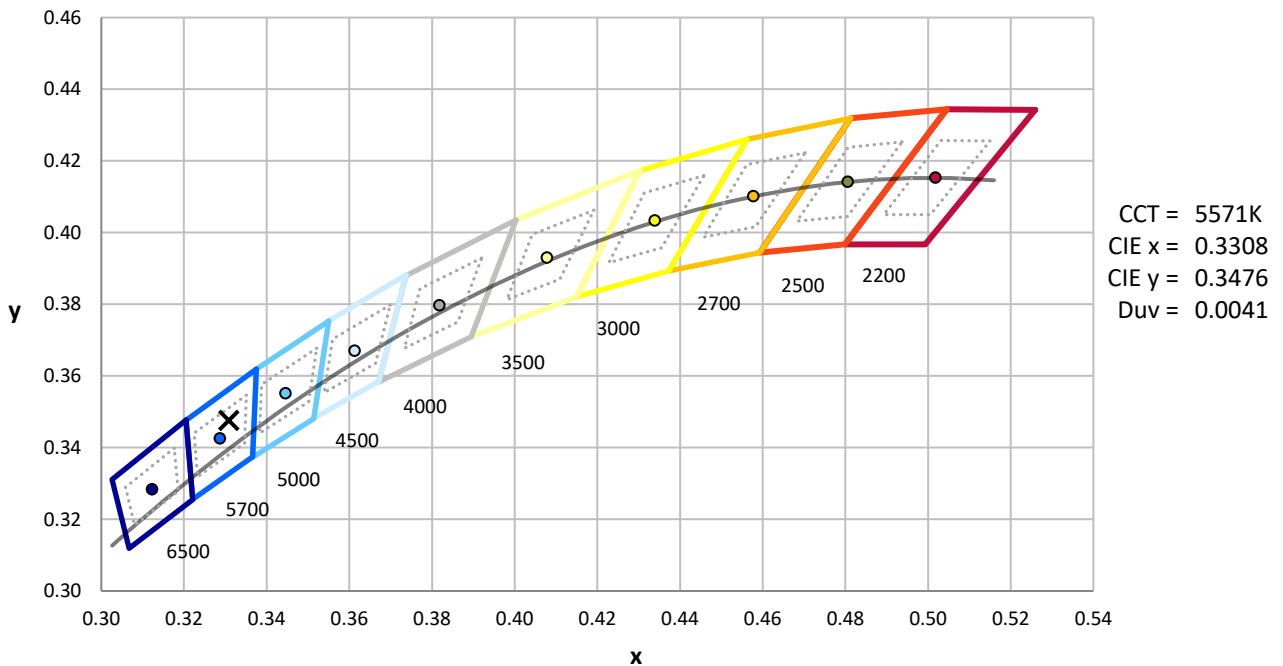
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



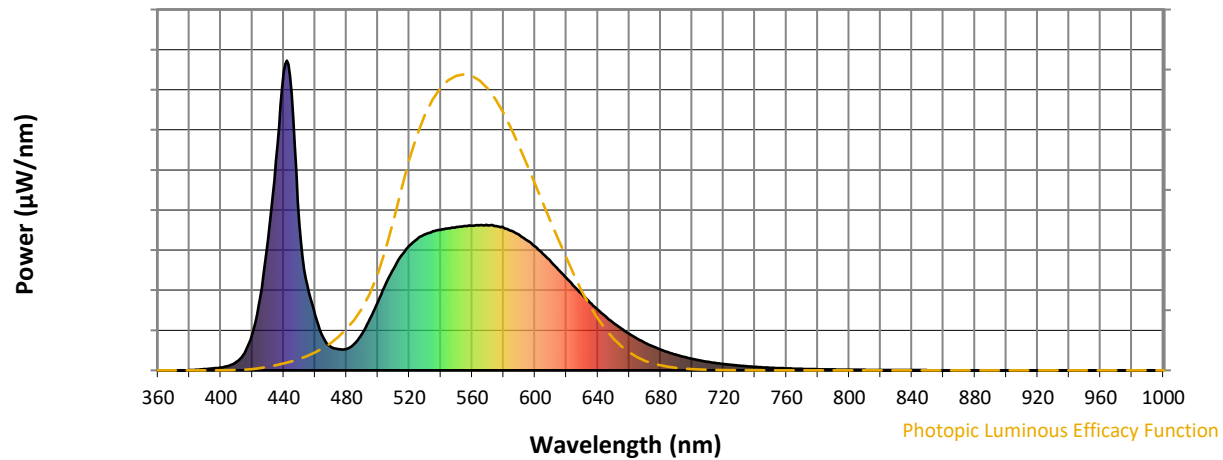
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

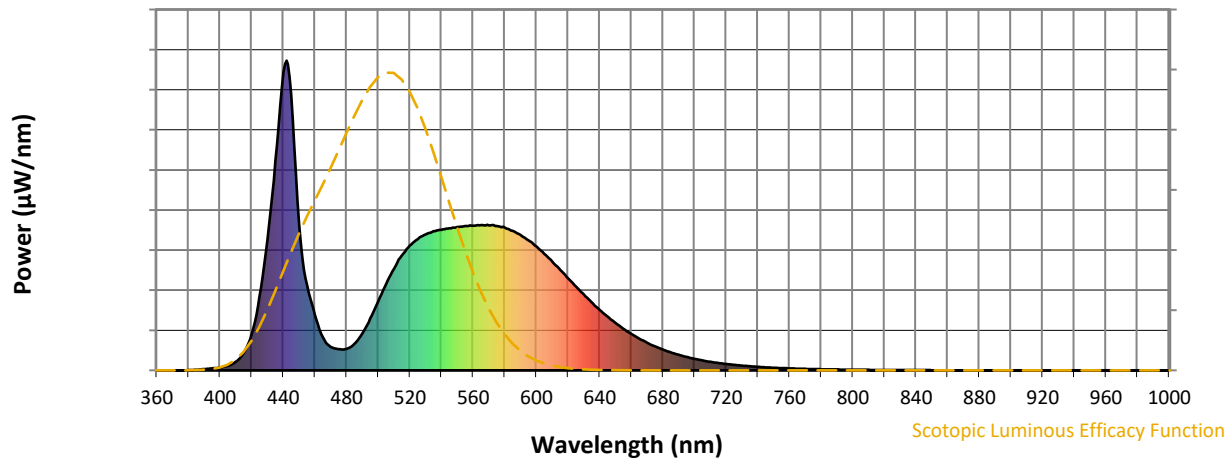


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



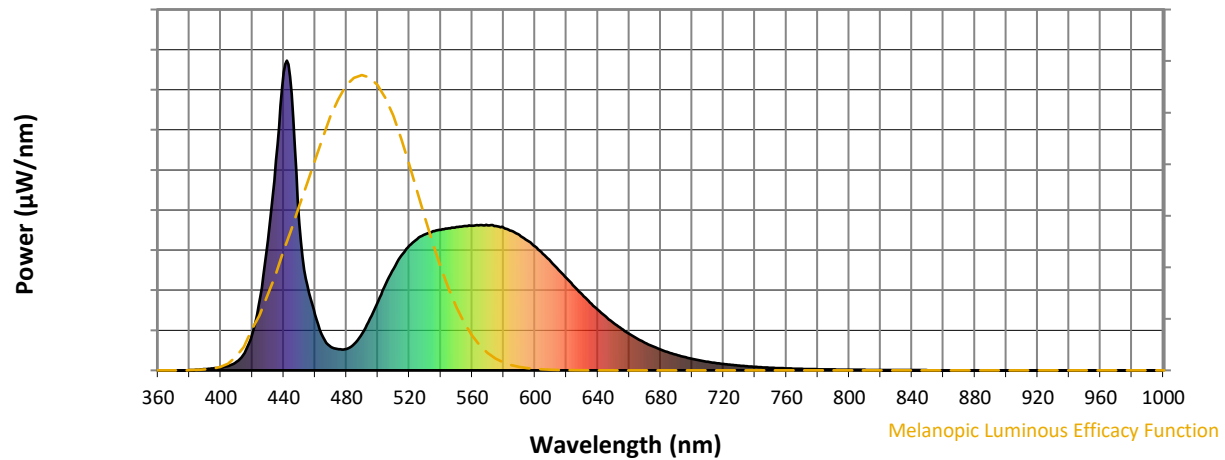
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

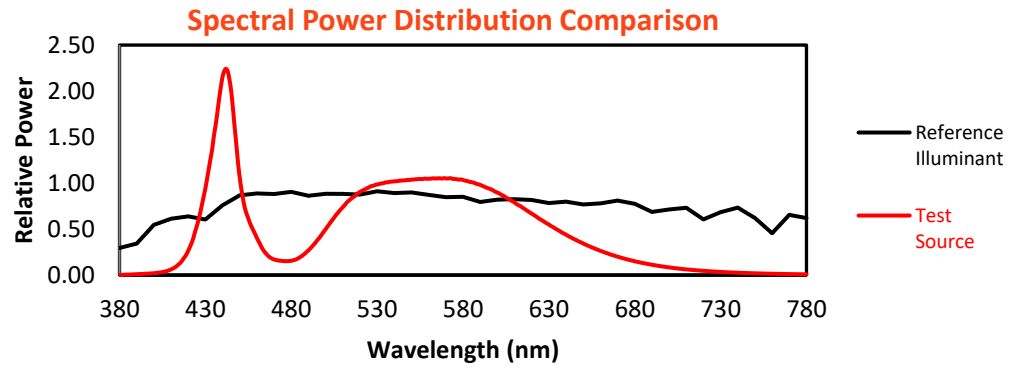
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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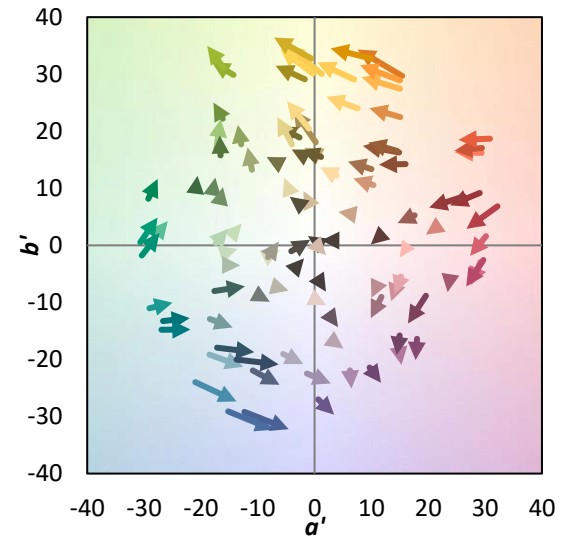
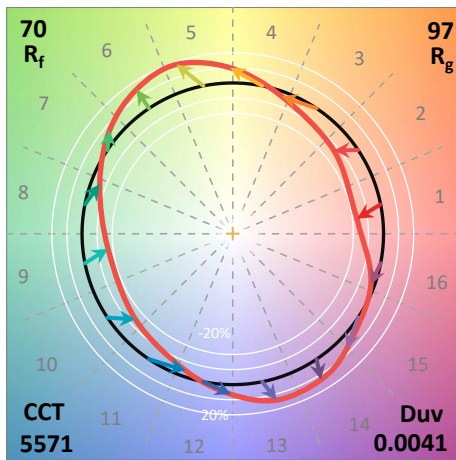
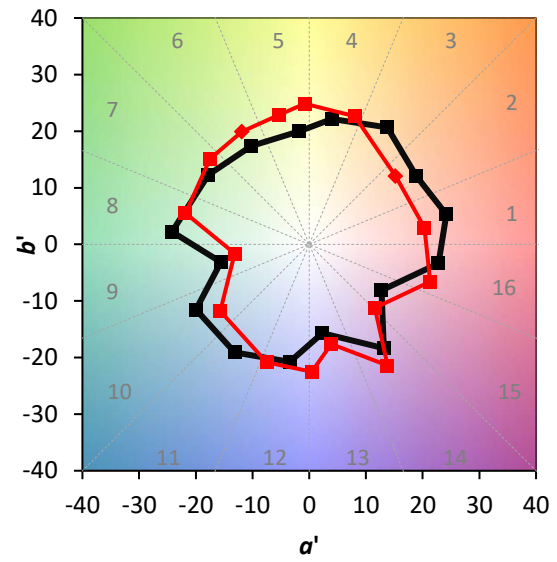
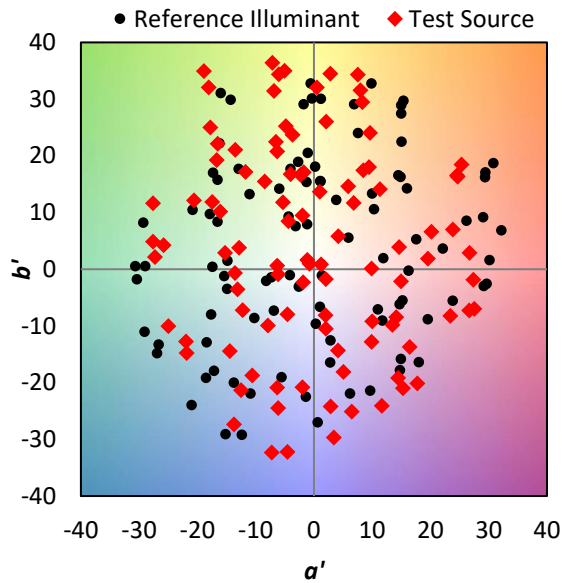
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

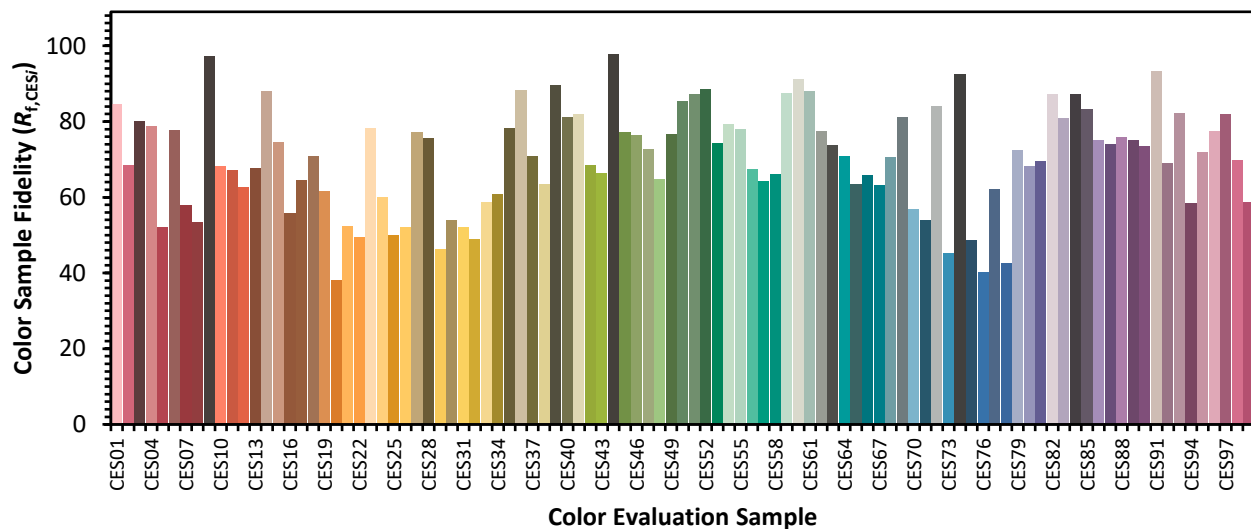


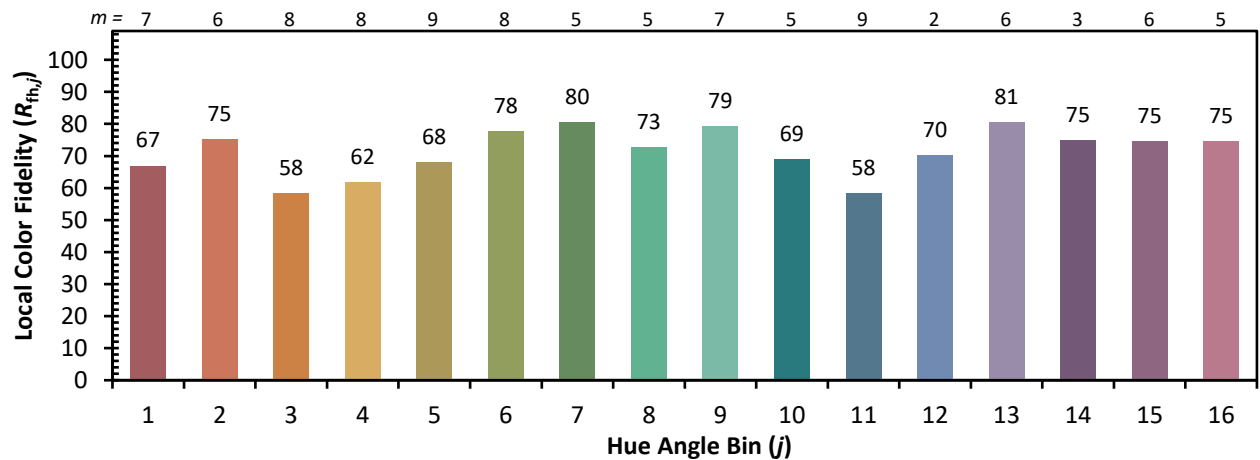
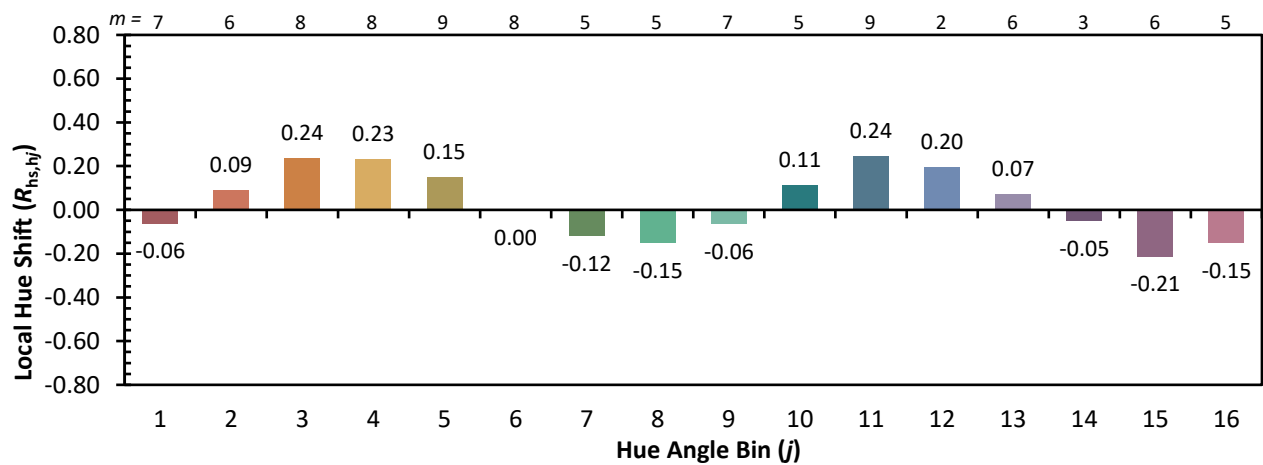
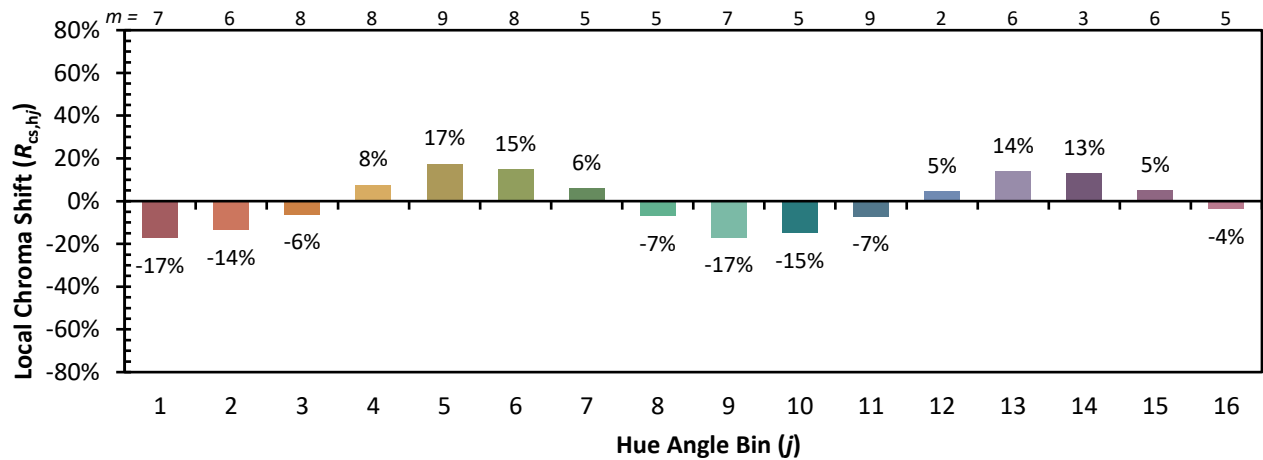
Color Vector Graphics



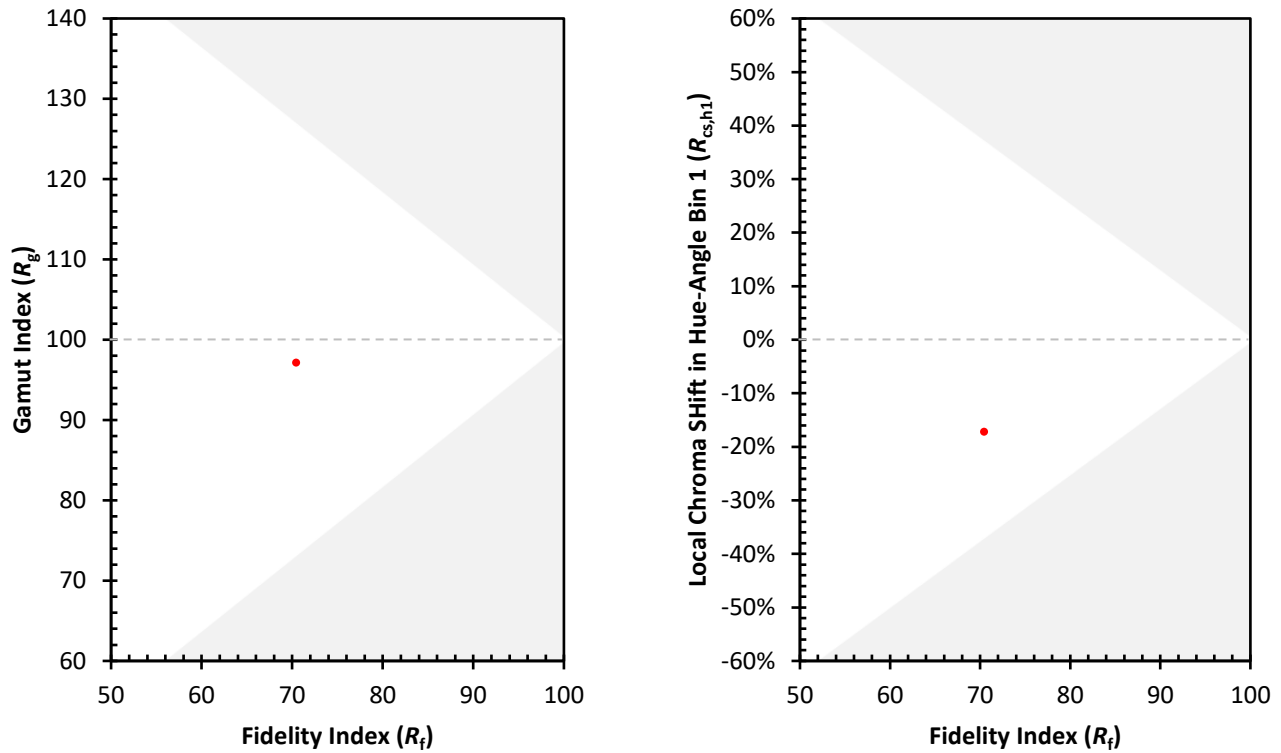
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)