

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: P1048469

Luminaire Tested: **GALN-SA5A-760-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048469
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-760-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 18114.7 lumens
Efficiency: N/A
Efficacy: 132.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 136.6
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



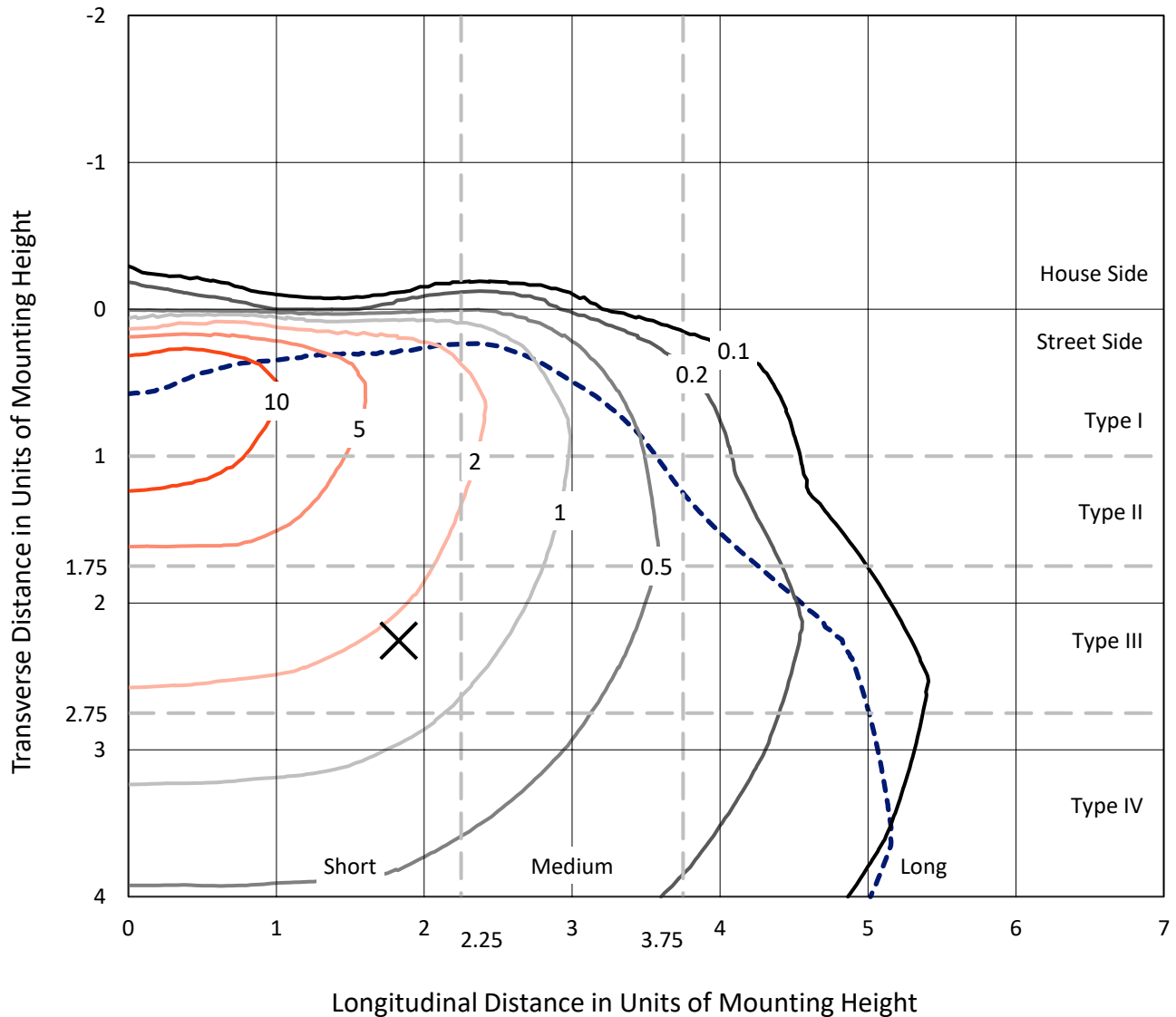
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CATALOG NUMBER: GALN-SA5A-760-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

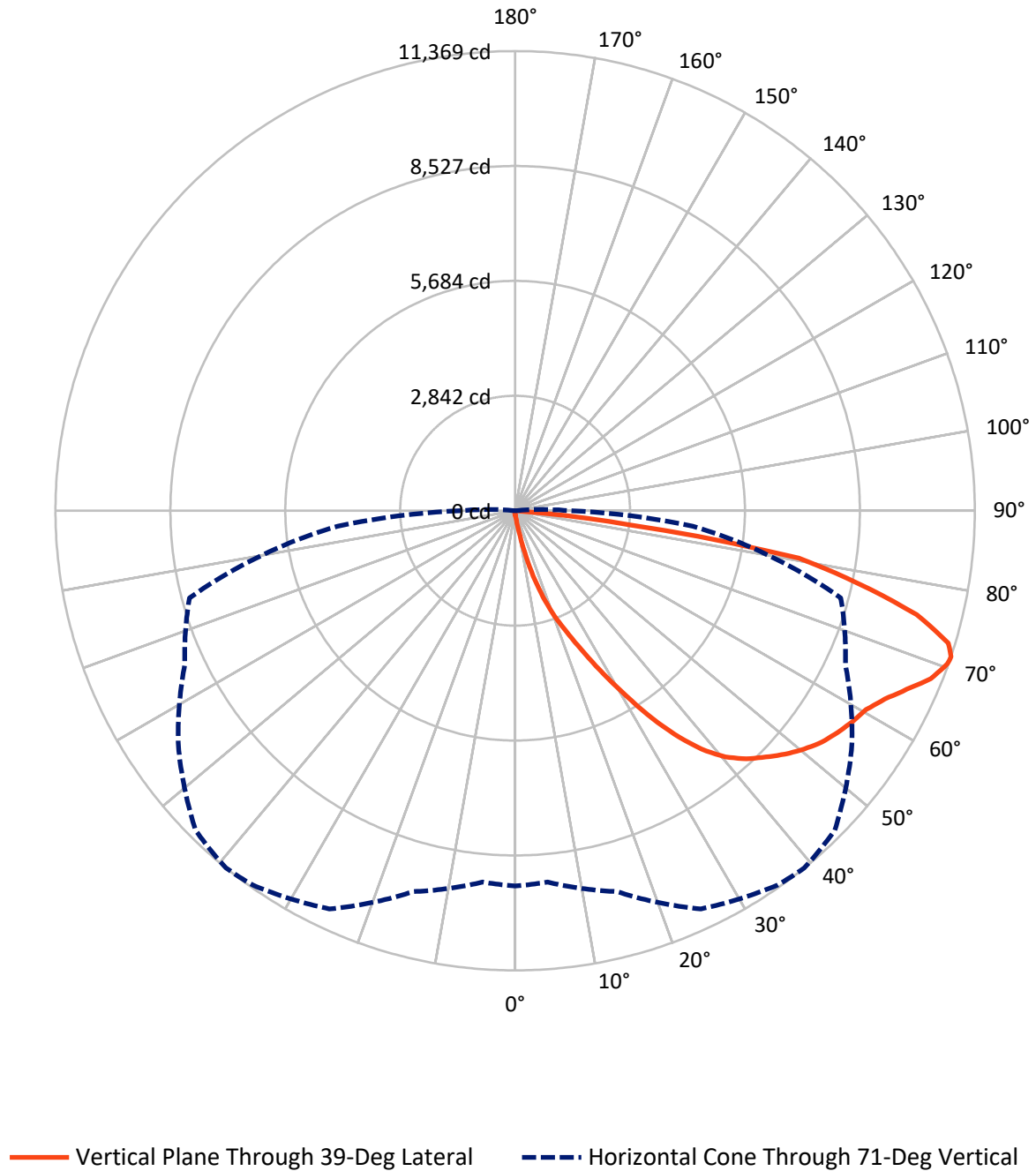


Based on 15 foot mounting height. Maximum calculated value = 18.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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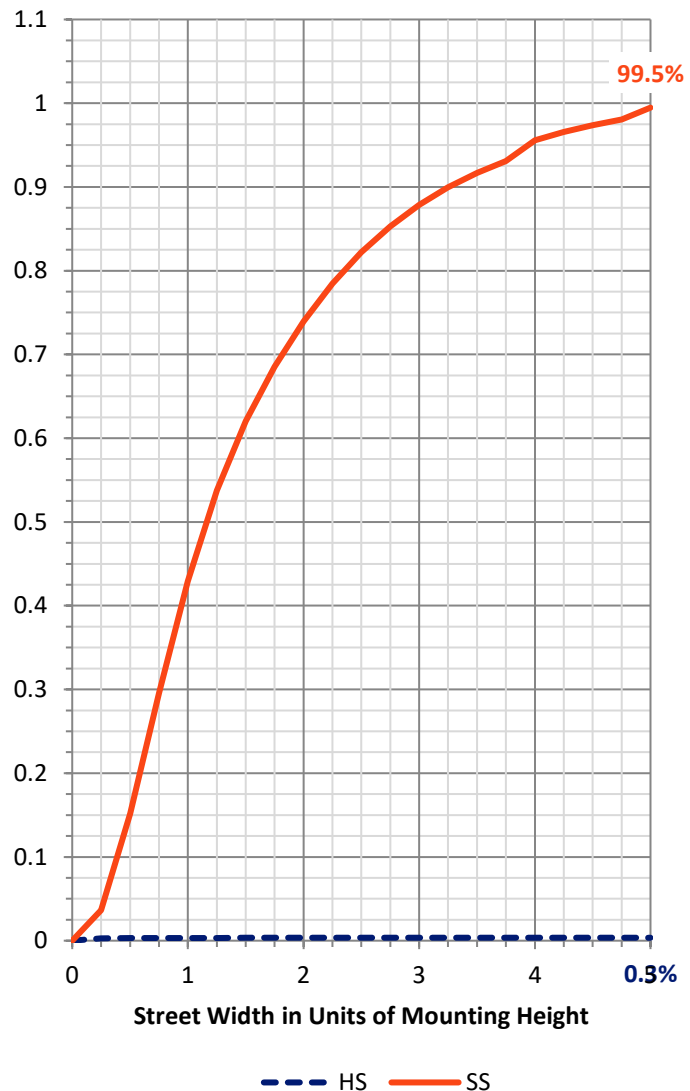
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	64.4	0.0	64.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18050.3	0.0	18050.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	18114.7	0.0	18114.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.1	0.1
10°-20°	193.6	1.1
20°-30°	689.5	3.8
30°-40°	1661.7	9.2
40°-50°	2781.1	15.4
50°-60°	3571.9	19.7
60°-70°	4520.3	25.0
70°-80°	4030.0	22.2
80°-90°	651.4	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°	18114.7	100.0
0°-180°	18114.7	100.0



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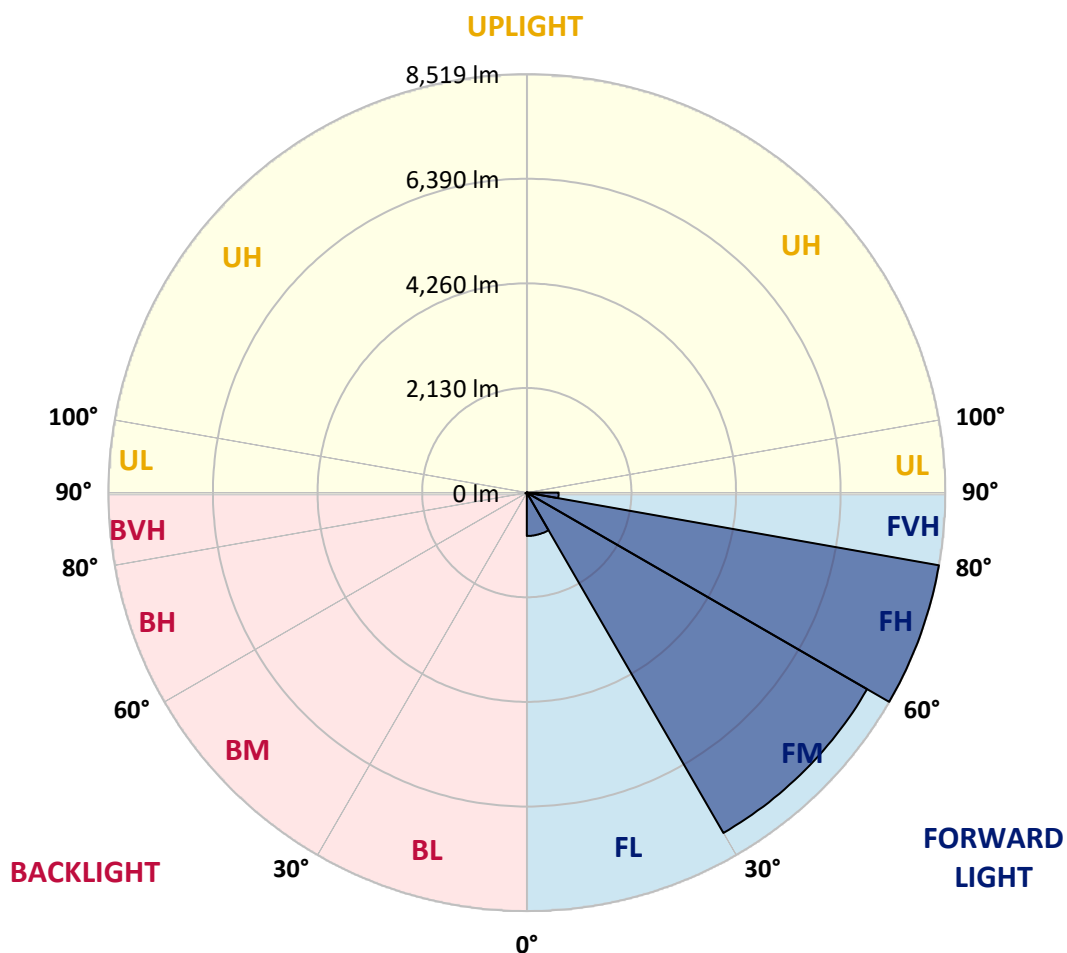
CATALOG NUMBER: GALN-SA5A-760-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	882.7	4.9			
FM	(30°-60°)	7999.8	44.2			
FH	(60°-80°)	8519.4	47.0			G4/12000
FVH	(80°-90°)	648.5	3.6			G4/750
BL	(0°-30°)	15.6	0.1	B0/110		
BM	(30°-60°)	14.9	0.1	B0/220		
BH	(60°-80°)	31.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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°	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2.5°	114.0	114.0	114.0	110.4	110.4	109.1	107.9	107.9	105.5	104.2	101.8
5°	172.9	169.2	160.6	155.7	145.9	139.8	133.7	125.1	116.5	110.4	103.0
7.5°	391.2	399.8	371.6	318.8	264.9	241.6	202.3	163.1	134.9	116.5	104.2
10°	997.0	992.1	896.4	790.9	610.7	538.3	421.8	266.1	174.1	127.5	105.5
12.5°	1695.9	1691.0	1578.2	1434.7	1196.8	1046.0	825.3	496.6	250.2	144.7	105.5
15°	2283.3	2263.7	2228.1	2085.9	1807.5	1681.2	1389.4	878.0	404.7	174.1	107.9
17.5°	2672.0	2654.9	2621.8	2570.3	2393.7	2244.1	2009.9	1379.6	654.8	225.6	112.8
20°	3028.9	3016.6	2989.6	2979.8	2865.8	2786.1	2592.3	1955.9	1020.3	306.6	120.2
22.5°	3519.4	3493.6	3504.7	3445.8	3334.2	3238.6	3119.6	2559.2	1466.6	441.5	133.7
25°	4120.3	4108.0	4077.3	4035.7	3881.1	3797.8	3615.0	3128.2	1965.7	618.0	148.4
27.5°	4846.2	4832.7	4825.4	4729.7	4551.9	4461.2	4206.1	3665.3	2527.3	865.7	168.0
30°	5682.5	5688.7	5640.8	5518.2	5311.0	5183.4	4921.0	4228.2	3102.5	1156.4	188.8
32.5°	6548.3	6536.0	6462.4	6317.7	6132.6	6013.6	5680.1	4845.0	3705.8	1540.2	213.4
35°	7481.5	7458.2	7264.4	7098.9	6940.7	6791.1	6487.0	5561.1	4309.1	1970.6	246.5
37.5°	8423.2	8314.1	7925.4	7715.7	7606.6	7483.9	7200.7	6325.1	4908.8	2451.3	286.9
40°	9134.5	9049.9	8588.8	8202.5	8115.5	8011.2	7800.3	6984.8	5546.4	2967.6	336.0
42.5°	9528.1	9481.5	9067.0	8685.7	8480.9	8388.9	8208.6	7561.2	6176.7	3537.8	407.1
45°	9696.1	9623.8	9346.6	9168.8	8842.6	8690.6	8476.0	7996.5	6835.2	4185.3	506.4
47.5°	9644.6	9602.9	9404.3	9469.3	9232.6	8995.9	8680.8	8330.0	7398.1	4928.4	642.6
50°	9320.9	9285.3	9224.0	9575.9	9546.5	9266.9	8945.6	8593.7	7857.9	5694.8	853.5
52.5°	8705.3	8690.6	8847.5	9492.6	9724.3	9506.0	9200.7	8826.7	8287.1	6495.6	1155.1
55°	7911.9	7972.0	8420.8	9362.6	9815.1	9682.6	9426.3	9045.0	8631.7	7211.7	1600.3
57.5°	7585.7	7601.6	8162.1	9270.6	9855.5	9838.4	9645.8	9253.4	8948.1	7784.4	2279.6
60°	7967.1	7942.5	8238.1	9340.5	9936.5	9978.2	9840.8	9447.2	9222.8	8276.1	3184.6
62.5°	8656.2	8642.7	8737.2	9638.5	10173.1	10257.7	10111.8	9587.0	9465.6	8599.8	4217.1
65°	9271.8	9243.6	9419.0	10167.0	10588.8	10648.9	10521.4	9826.1	9572.3	8835.3	5187.1
67.5°	9537.9	9531.8	9813.8	10669.8	11025.4	11090.4	10978.8	10156.0	9547.7	8910.1	5615.1
70°	9416.5	9393.2	9844.5	10883.1	11271.9	11345.4	11237.5	10278.6	9281.6	8673.4	4981.1
71°	9282.9	9220.3	9752.5	10868.4	11306.2	11368.7	11179.9	10167.0	9014.3	8337.4	4406.0
72.5°	8868.4	8879.4	9499.9	10715.1	11224.0	11205.7	10853.7	9767.2	8691.8	7574.7	3539.0
75°	7848.1	7913.1	8682.0	10071.4	10490.7	10256.5	9718.2	9003.3	8044.3	5431.1	2457.4
77.5°	6413.4	6510.3	7355.2	8832.8	8713.9	8690.6	8668.5	7932.7	6869.6	2917.3	1709.4
80°	3062.0	3271.7	4436.6	6305.5	6849.9	7113.6	6948.0	6392.5	5312.2	1389.4	1021.5
82.5°	199.9	197.4	279.6	529.7	2233.0	2886.6	4586.2	4569.1	3703.3	676.9	416.9
85°	94.4	96.9	106.7	121.4	141.0	154.5	213.4	1250.8	1772.0	322.5	90.7
87.5°	55.2	56.4	66.2	84.6	110.4	122.6	145.9	187.6	230.5	177.8	19.6
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-SA5A-760-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2.5°	100.6	99.3	95.6	92.0	88.3	85.8	84.6	85.8	85.8	87.1	87.1
5°	100.6	96.9	90.7	83.4	78.5	73.6	71.1	69.9	71.1	71.1	71.1
7.5°	99.3	93.2	84.6	76.0	69.9	63.8	61.3	60.1	60.1	61.3	61.3
10°	96.9	90.7	79.7	69.9	62.5	55.2	51.5	47.8	47.8	47.8	49.1
12.5°	95.6	87.1	73.6	63.8	54.0	45.4	38.0	34.3	35.6	35.6	35.6
15°	93.2	83.4	69.9	57.6	45.4	34.3	28.2	24.5	25.8	27.0	25.8
17.5°	93.2	82.2	65.0	50.3	35.6	25.8	20.8	18.4	18.4	19.6	19.6
20°	93.2	79.7	61.3	42.9	27.0	19.6	14.7	13.5	13.5	15.9	17.2
22.5°	95.6	79.7	56.4	35.6	22.1	14.7	11.0	9.8	11.0	13.5	14.7
25°	99.3	78.5	51.5	31.9	18.4	11.0	8.6	6.1	7.4	9.8	11.0
27.5°	103.0	77.3	46.6	28.2	14.7	8.6	6.1	4.9	3.7	4.9	4.9
30°	106.7	77.3	41.7	23.3	12.3	6.1	3.7	2.5	1.2	0.0	0.0
32.5°	109.1	74.8	38.0	18.4	9.8	4.9	2.5	1.2	0.0	0.0	0.0
35°	111.6	72.3	33.1	14.7	7.4	3.7	1.2	0.0	0.0	0.0	0.0
37.5°	114.0	68.7	28.2	12.3	6.1	2.5	0.0	0.0	0.0	0.0	0.0
40°	116.5	63.8	23.3	11.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	118.9	60.1	19.6	8.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	125.1	57.6	15.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	136.1	55.2	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	152.1	52.7	13.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	174.1	51.5	12.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	213.4	50.3	11.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	280.8	49.1	11.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	430.4	46.6	11.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	768.9	45.4	9.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1340.3	46.6	9.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1921.6	49.1	8.6	3.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1644.4	42.9	8.6	4.9	2.5	1.2	0.0	0.0	0.0	0.0	0.0
71°	1340.3	38.0	8.6	4.9	2.5	1.2	1.2	0.0	0.0	0.0	0.0
72.5°	862.1	29.4	7.4	4.9	2.5	2.5	1.2	0.0	0.0	0.0	0.0
75°	364.2	24.5	7.4	4.9	3.7	2.5	2.5	1.2	0.0	0.0	0.0
77.5°	155.7	18.4	7.4	6.1	4.9	3.7	3.7	2.5	1.2	0.0	0.0
80°	58.9	14.7	8.6	7.4	6.1	6.1	4.9	2.5	1.2	0.0	0.0
82.5°	27.0	12.3	8.6	7.4	7.4	6.1	4.9	3.7	2.5	0.0	0.0
85°	17.2	11.0	8.6	7.4	7.4	6.1	6.1	3.7	2.5	0.0	0.0
87.5°	13.5	11.0	8.6	8.6	7.4	7.4	4.9	3.7	1.2	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-760-U-5WQ

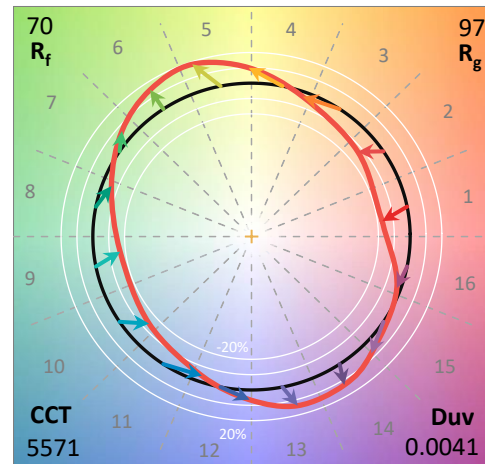
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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-70-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

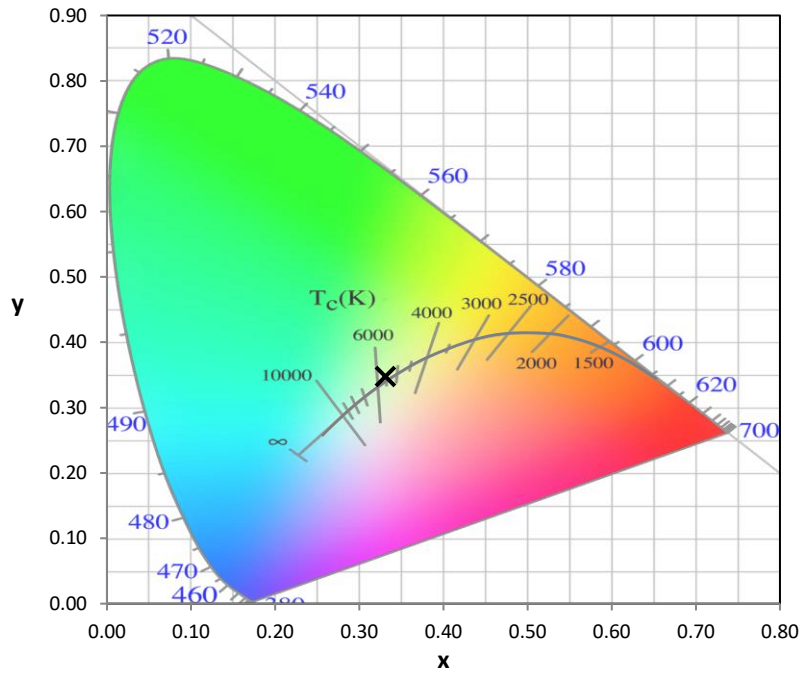
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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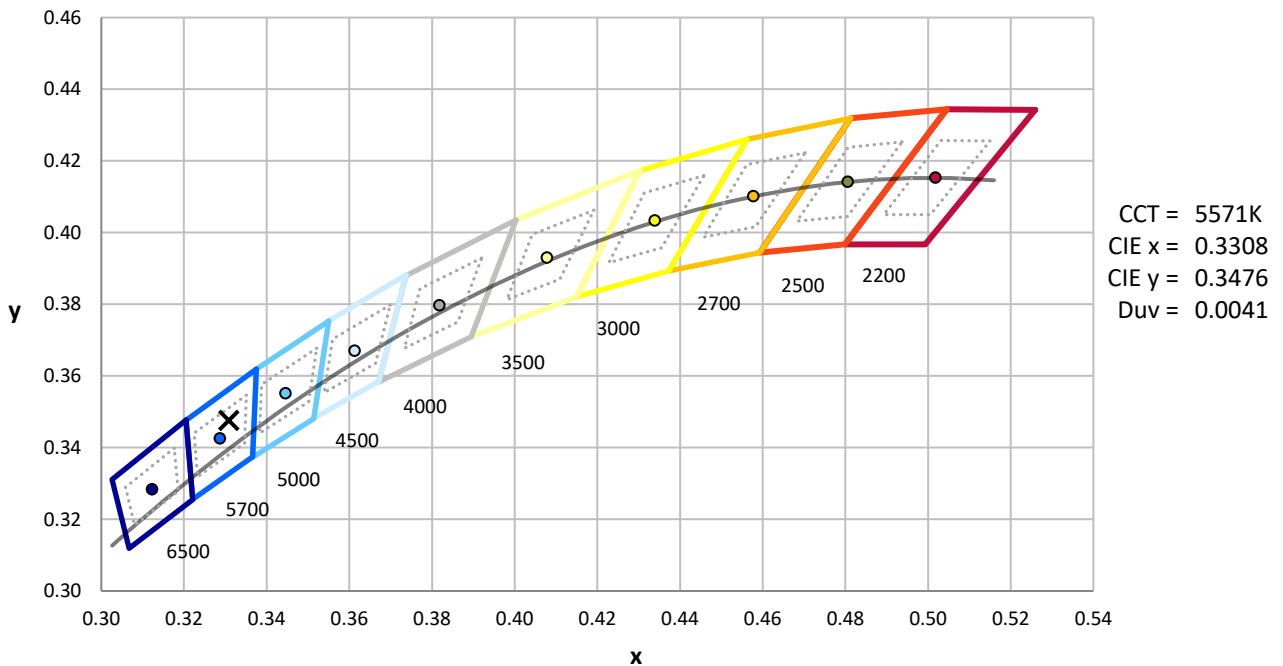
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



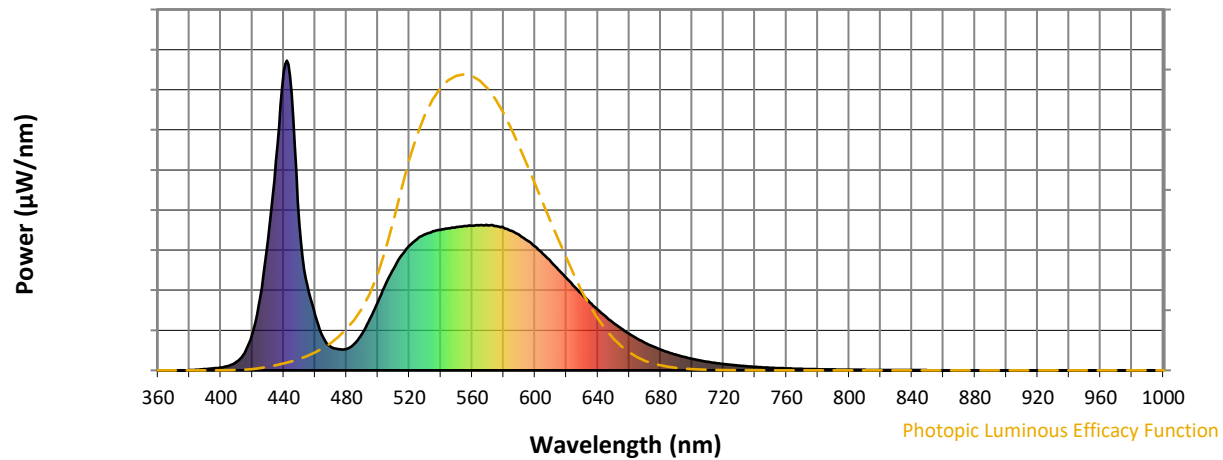
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

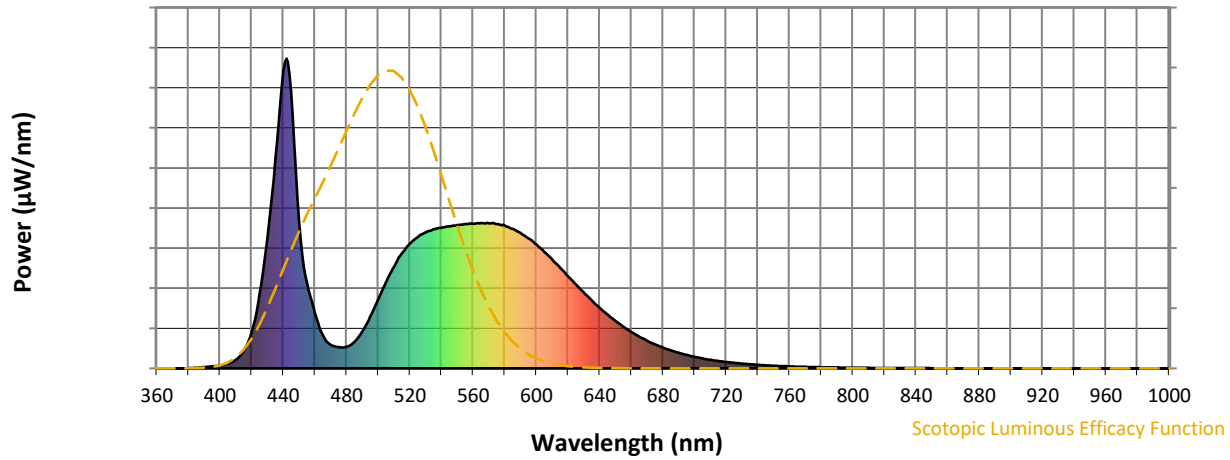


Photopic Lumens: NR

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



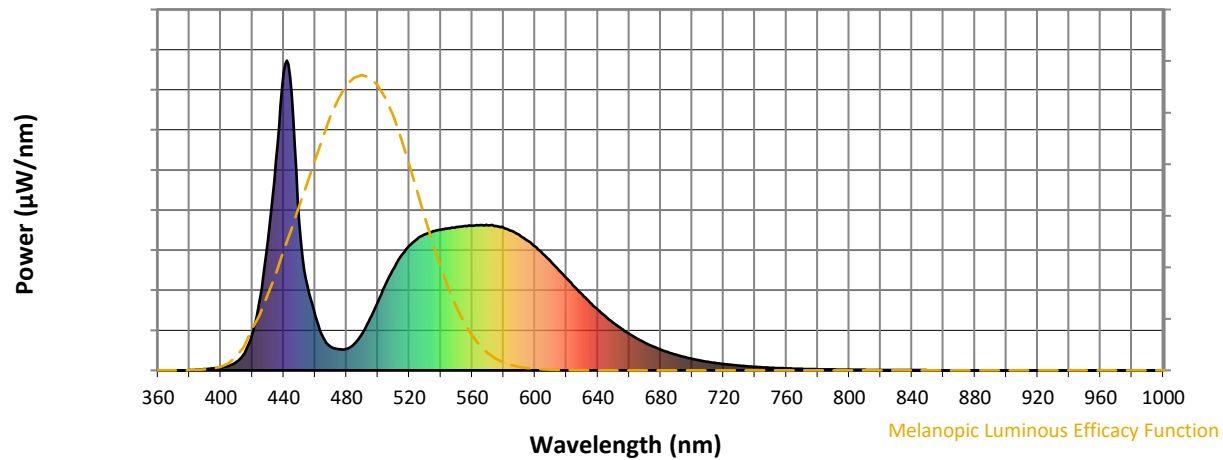
Scotopic Lumens: NR

S/P: 1.84

λ (nm)	Power 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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

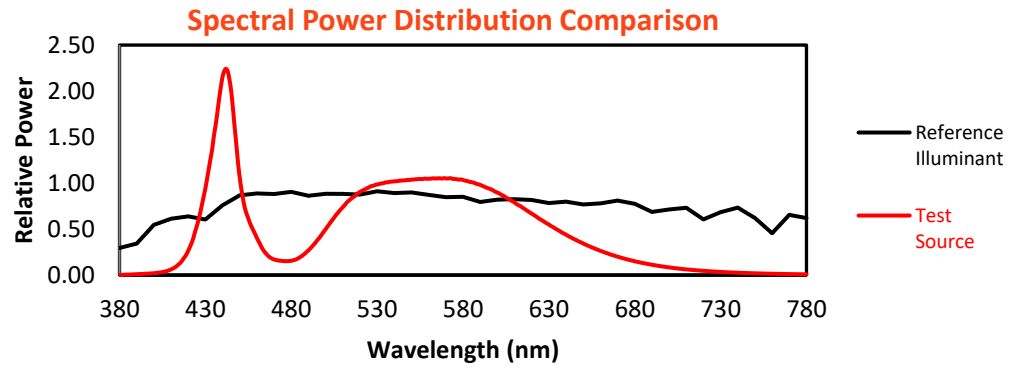
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	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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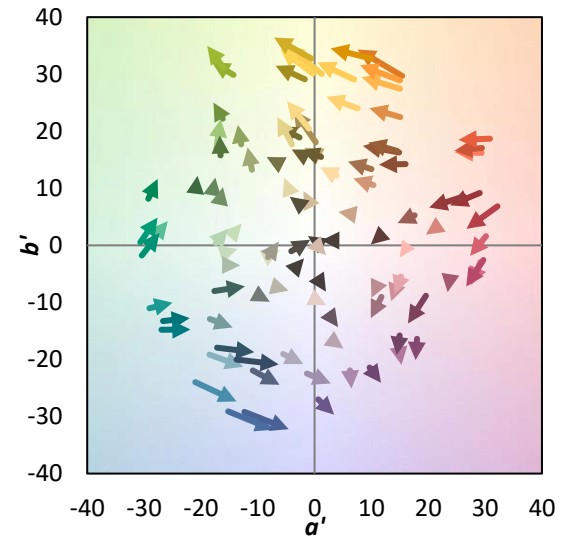
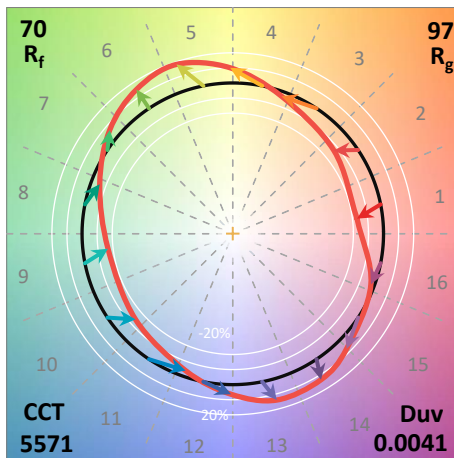
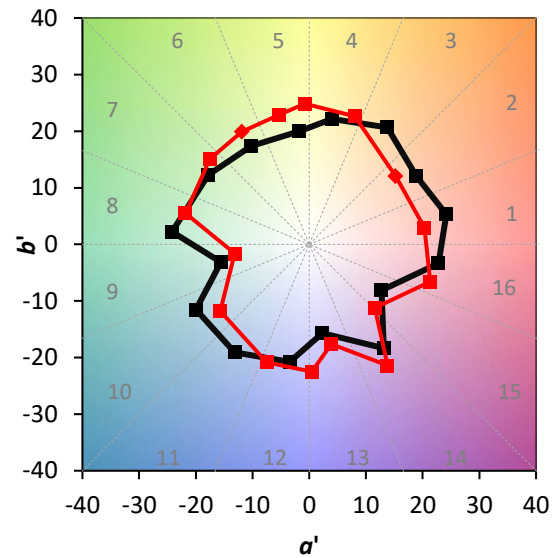
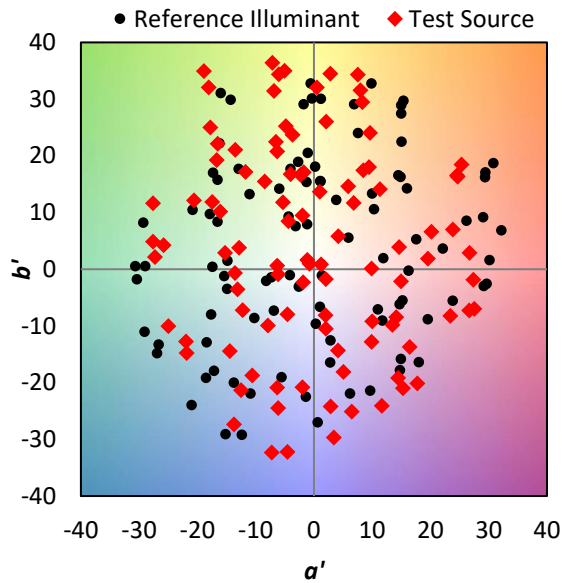
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $\text{CIE } R_a = 69.9$
 $R_g = -35.4$

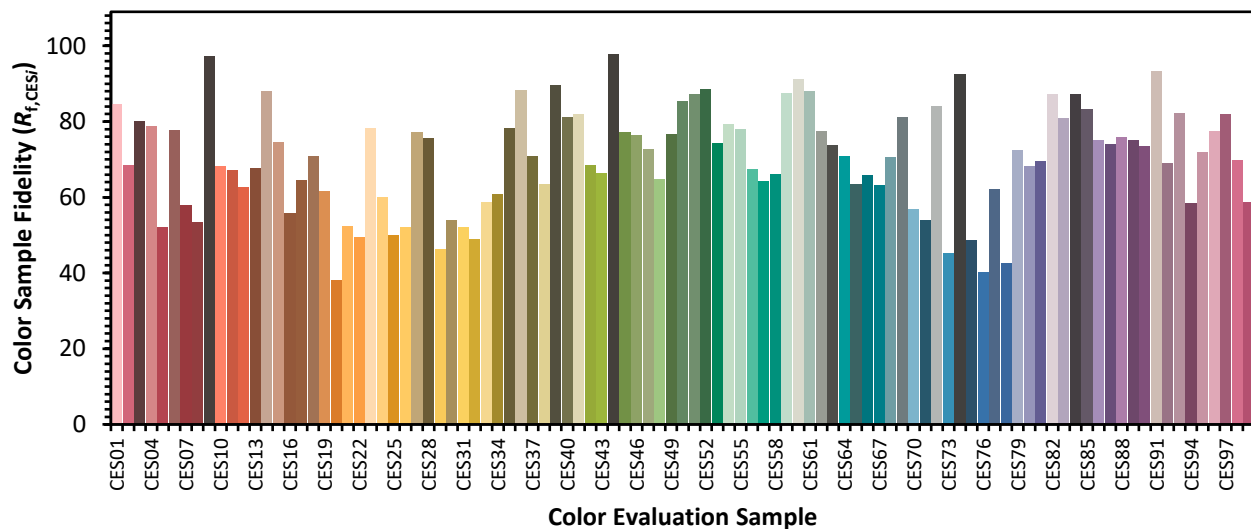


Color Vector Graphics

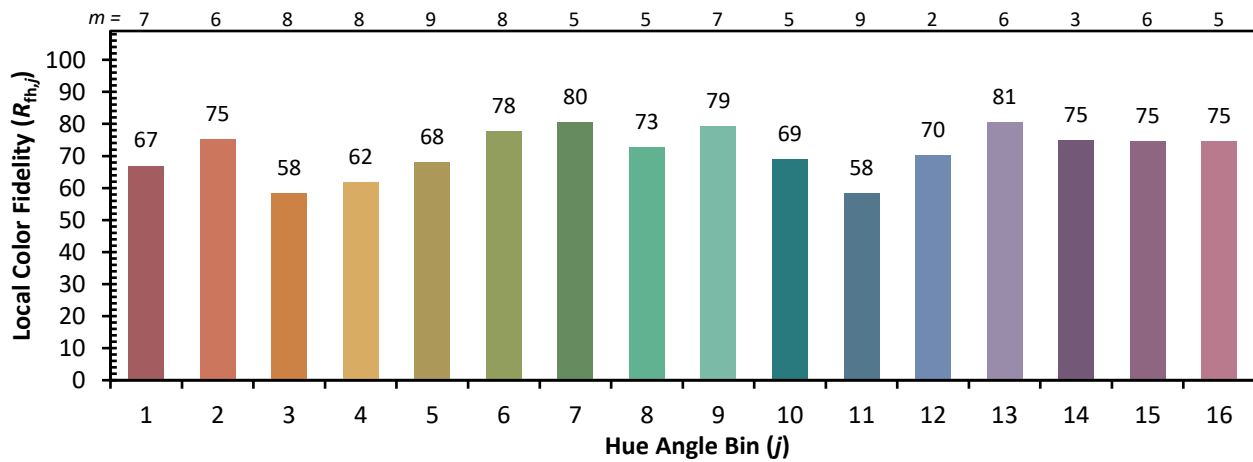
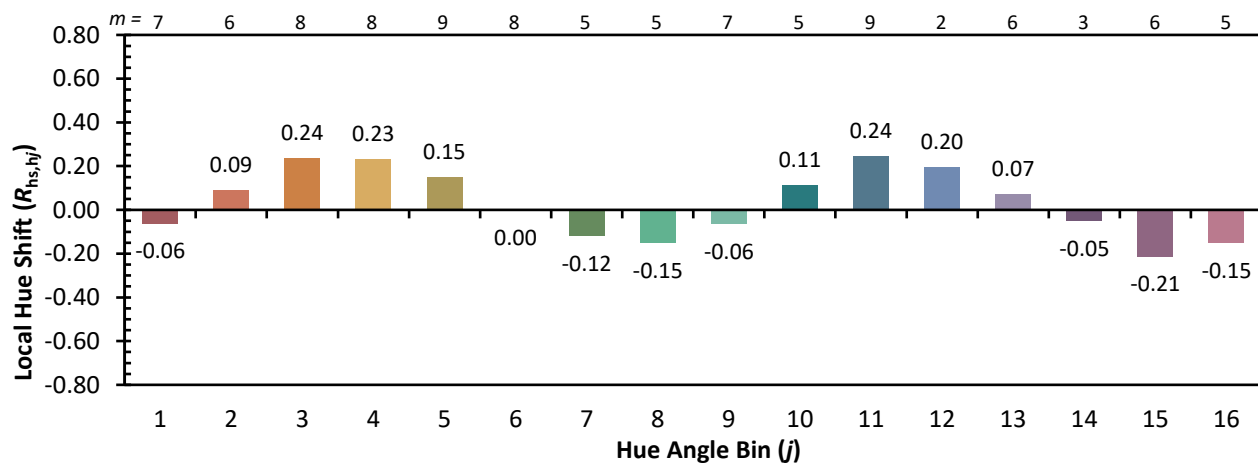
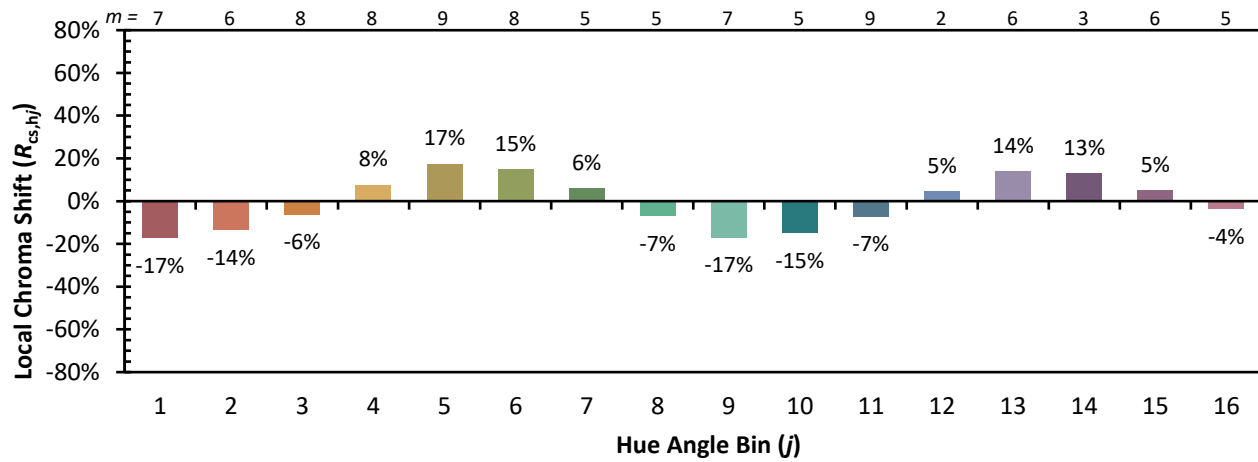


Individual Sample Fidelity Index ($R_{f,i}$)

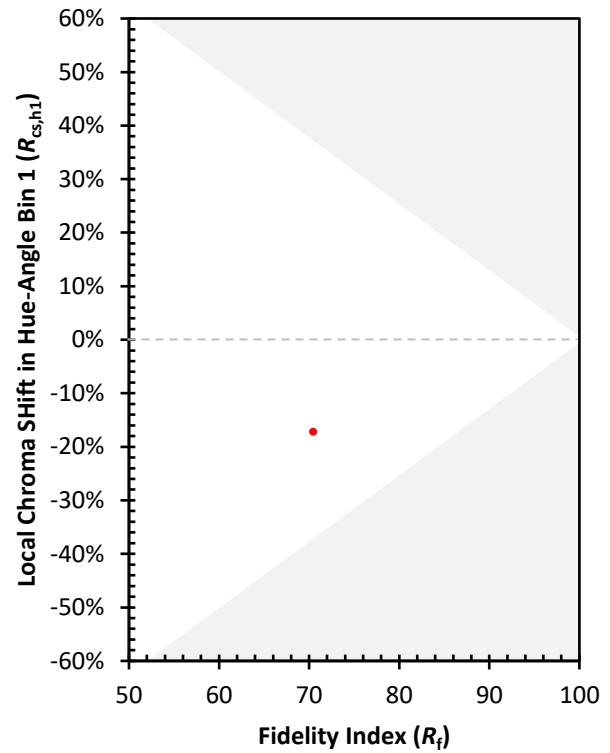
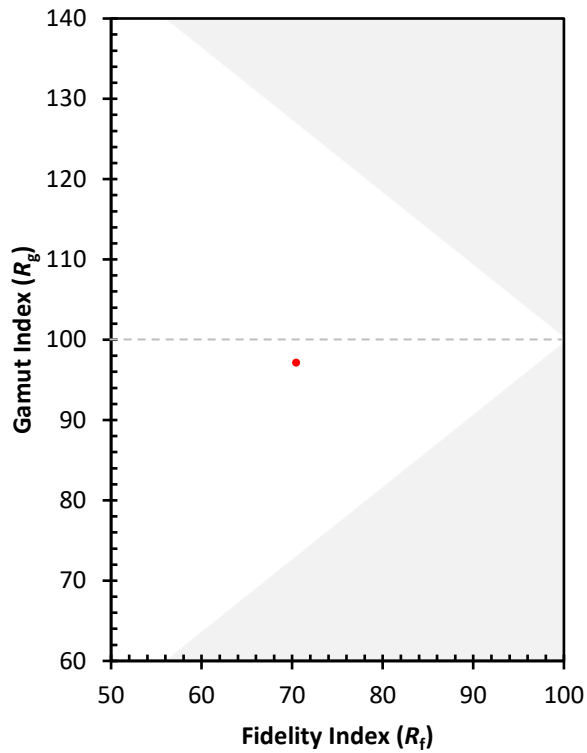
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 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)