

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: P1048478

Luminaire Tested: **GALN-SA7B-760-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048478
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-760-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31799.1 lumens
Efficiency: N/A
Efficacy: 127.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 249.5
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

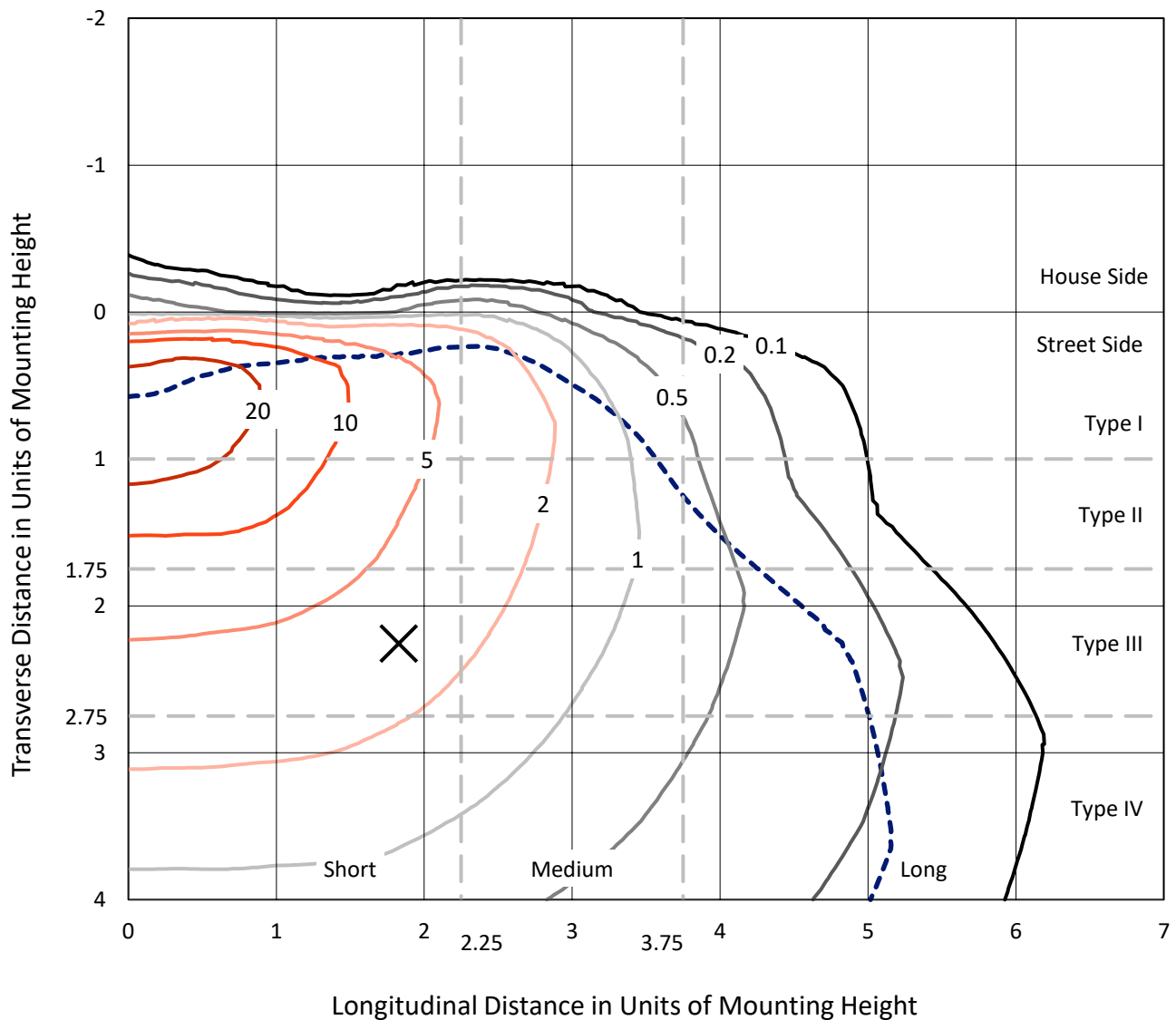


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

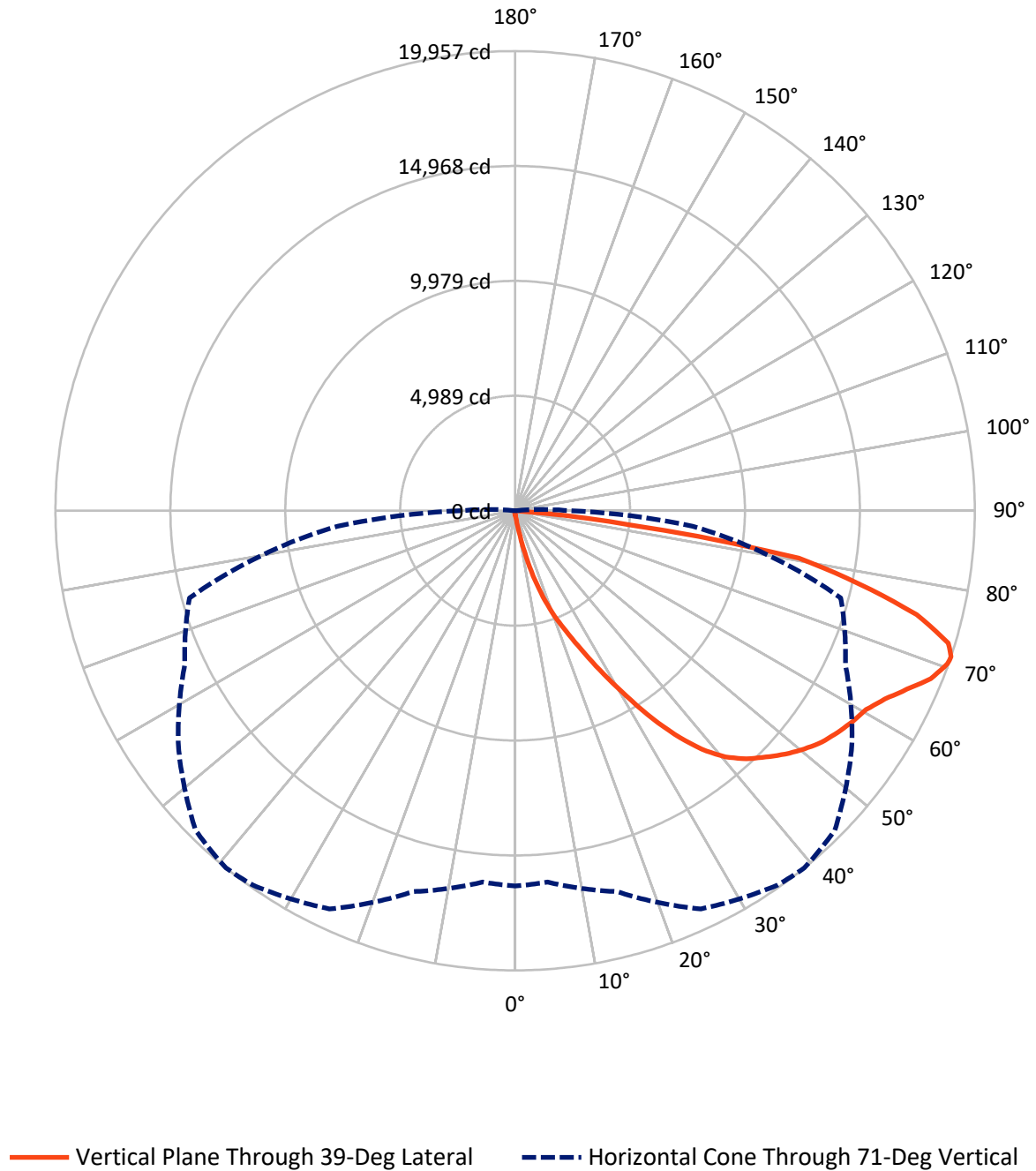


Based on 15 foot mounting height. Maximum calculated value = 32.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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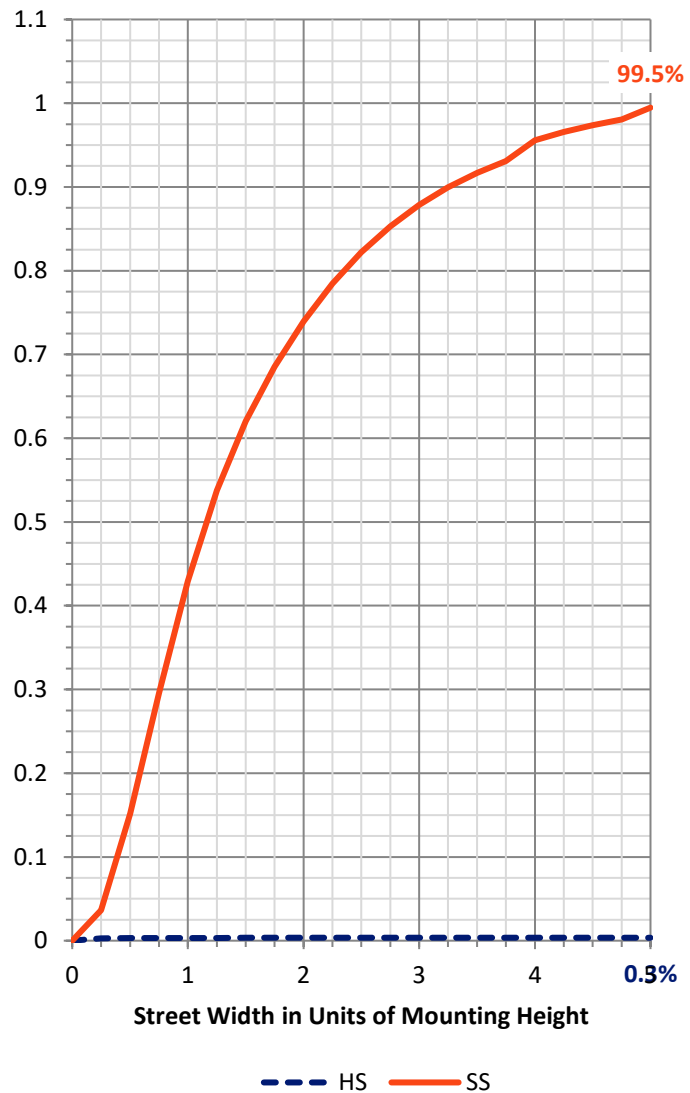
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	113.0	0.0	113.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31686.1	0.0	31686.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	31799.1	0.0	31799.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	0.1
10°-20°	339.9	1.1
20°-30°	1210.4	3.8
30°-40°	2917.1	9.2
40°-50°	4881.9	15.4
50°-60°	6270.3	19.7
60°-70°	7935.1	25.0
70°-80°	7074.4	22.2
80°-90°	1143.6	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°	31799.1	100.0
0°-180°	31799.1	100.0



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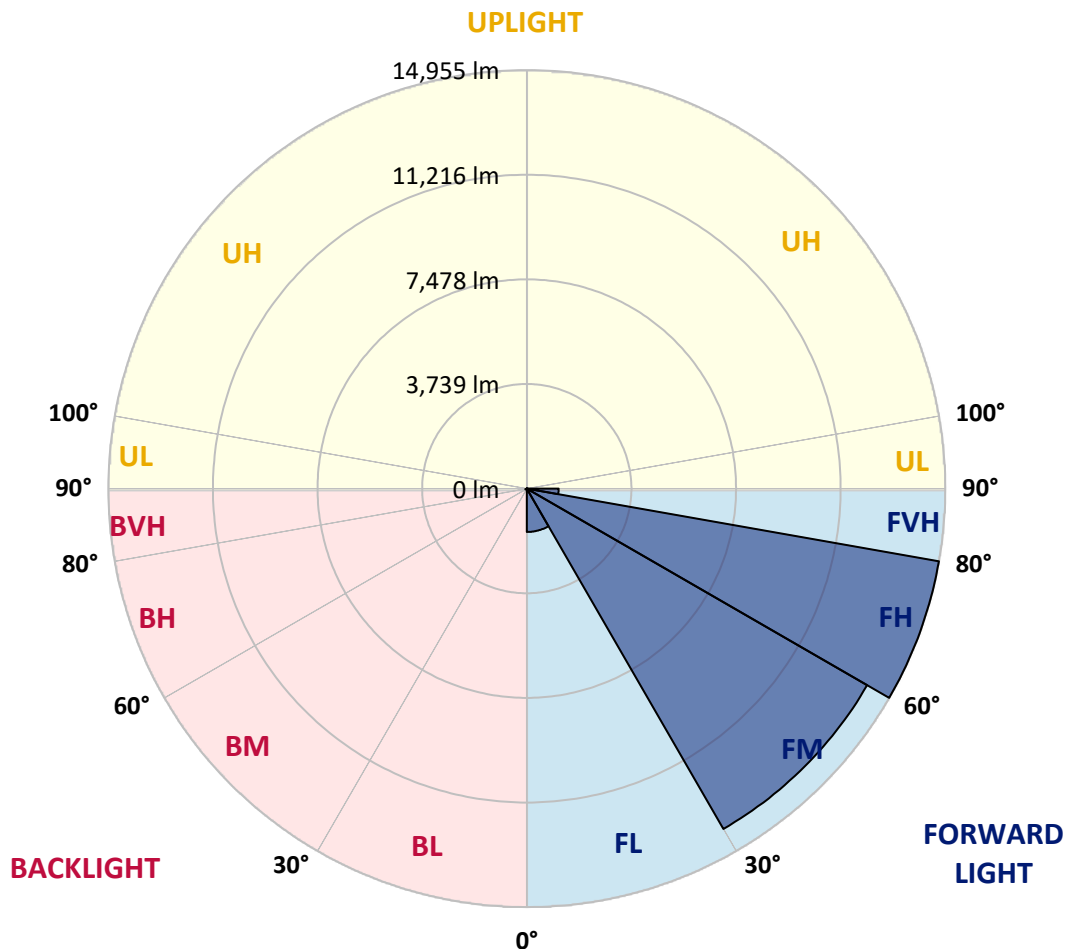
CATALOG NUMBER: GALN-SA7B-760-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1549.5	4.9			
FM	(30°-60°)	14043.1	44.2			
FH	(60°-80°)	14955.2	47.0			G5
FVH	(80°-90°)	1138.4	3.6			G5
BL	(0°-30°)	27.3	0.1	B0/110		
BM	(30°-60°)	26.2	0.1	B0/220		
BH	(60°-80°)	54.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.2	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4
2.5°	200.2	200.2	200.2	193.7	193.7	191.6	189.4	189.4	185.1	183.0	178.7
5°	303.5	297.1	282.0	273.4	256.2	245.4	234.6	219.6	204.5	193.7	180.8
7.5°	686.7	701.8	652.2	559.7	465.0	424.1	355.2	286.3	236.8	204.5	183.0
10°	1750.1	1741.5	1573.6	1388.4	1072.0	945.0	740.5	467.1	305.7	223.9	185.1
12.5°	2977.1	2968.5	2770.4	2518.6	2101.0	1836.2	1448.7	871.8	439.1	254.0	185.1
15°	4008.2	3973.8	3911.3	3661.6	3173.0	2951.3	2438.9	1541.3	710.4	305.7	189.4
17.5°	4690.6	4660.4	4602.3	4511.9	4201.9	3939.3	3528.2	2421.7	1149.5	396.1	198.0
20°	5317.0	5295.5	5248.1	5230.9	5030.7	4890.8	4550.7	3433.4	1791.0	538.2	211.0
22.5°	6178.1	6132.8	6152.2	6048.9	5853.0	5685.1	5476.3	4492.5	2574.5	774.9	234.6
25°	7232.8	7211.3	7157.5	7084.3	6813.1	6666.7	6346.0	5491.4	3450.7	1084.9	260.5
27.5°	8507.2	8483.5	8470.6	8302.7	7990.6	7831.3	7383.5	6434.2	4436.6	1519.8	294.9
30°	9975.3	9986.1	9902.1	9686.8	9323.0	9099.2	8638.5	7422.3	5446.2	2029.9	331.5
32.5°	11495.0	11473.5	11344.4	11090.4	10765.3	10556.5	9971.0	8505.0	6505.3	2703.7	374.6
35°	13133.2	13092.3	12752.2	12461.6	12183.9	11921.3	11387.4	9762.2	7564.3	3459.3	432.7
37.5°	14786.4	14594.8	13912.5	13544.4	13352.8	13137.5	12640.2	11103.3	8617.0	4303.1	503.7
40°	16034.9	15886.4	15077.0	14398.9	14246.1	14063.1	13692.9	12261.4	9736.3	5209.4	589.8
42.5°	16725.9	16644.1	15916.6	15247.1	14887.6	14726.1	14409.7	13273.1	10842.8	6210.3	714.7
45°	17020.9	16893.8	16407.4	16095.2	15522.6	15255.7	14879.0	14037.3	11998.8	7346.9	889.0
47.5°	16930.4	16857.3	16508.5	16622.6	16207.2	15791.7	15238.5	14622.8	12986.8	8651.4	1128.0
50°	16362.1	16299.7	16192.1	16809.9	16758.2	16267.4	15703.4	15085.6	13794.1	9996.8	1498.2
52.5°	15281.5	15255.7	15531.2	16663.5	17070.4	16687.2	16151.2	15494.6	14547.5	11402.5	2027.8
55°	13888.8	13994.3	14782.1	16435.3	17229.7	16997.2	16547.3	15877.8	15152.4	12659.6	2809.2
57.5°	13316.2	13344.2	14327.9	16273.9	17300.7	17270.6	16932.6	16243.8	15707.7	13664.9	4001.7
60°	13985.6	13942.6	14461.4	16396.6	17442.8	17516.0	17274.9	16583.9	16189.9	14528.1	5590.4
62.5°	15195.4	15171.7	15337.5	16919.7	17858.2	18006.8	17750.6	16829.3	16616.2	15096.4	7402.9
65°	16276.0	16226.5	16534.4	17847.5	18588.0	18693.4	18469.6	17249.0	16803.4	15509.7	9105.6
67.5°	16743.2	16732.4	17227.5	18730.0	19354.3	19468.4	19272.5	17828.1	16760.4	15641.0	9856.9
70°	16530.1	16489.2	17281.3	19104.6	19787.0	19916.1	19726.7	18043.4	16293.3	15225.6	8744.0
71°	16295.4	16185.6	17119.9	19078.8	19847.3	19957.0	19625.5	17847.5	15824.0	14635.7	7734.4
72.5°	15567.8	15587.2	16676.4	18809.7	19703.0	19670.7	19052.9	17145.7	15257.8	13296.8	6212.5
75°	13776.8	13890.9	15240.6	17679.6	18415.8	18004.6	17059.6	15804.6	14121.3	9534.0	4313.9
77.5°	11258.3	11428.3	12911.5	15505.4	15296.6	15255.7	15216.9	13925.4	12059.0	5121.1	3000.8
80°	5375.1	5743.2	7788.2	11068.8	12024.6	12487.4	12196.8	11221.7	9325.2	2438.9	1793.1
82.5°	350.9	346.6	490.8	929.9	3919.9	5067.3	8050.8	8020.7	6500.9	1188.3	731.9
85°	165.8	170.1	187.3	213.1	247.6	271.2	374.6	2195.7	3110.6	566.1	159.3
87.5°	96.9	99.0	116.2	148.5	193.7	215.3	256.2	329.4	404.7	312.1	34.4
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4
2.5°	176.5	174.4	167.9	161.4	155.0	150.7	148.5	150.7	150.7	152.8	152.8
5°	176.5	170.1	159.3	146.4	137.8	129.2	124.9	122.7	124.9	124.9	124.9
7.5°	174.4	163.6	148.5	133.5	122.7	111.9	107.6	105.5	105.5	107.6	107.6
10°	170.1	159.3	139.9	122.7	109.8	96.9	90.4	84.0	84.0	84.0	86.1
12.5°	167.9	152.8	129.2	111.9	94.7	79.6	66.7	60.3	62.4	62.4	62.4
15°	163.6	146.4	122.7	101.2	79.6	60.3	49.5	43.1	45.2	47.4	45.2
17.5°	163.6	144.2	114.1	88.3	62.4	45.2	36.6	32.3	32.3	34.4	34.4
20°	163.6	139.9	107.6	75.3	47.4	34.4	25.8	23.7	23.7	28.0	30.1
22.5°	167.9	139.9	99.0	62.4	38.7	25.8	19.4	17.2	19.4	23.7	25.8
25°	174.4	137.8	90.4	56.0	32.3	19.4	15.1	10.8	12.9	17.2	19.4
27.5°	180.8	135.6	81.8	49.5	25.8	15.1	10.8	8.6	6.5	8.6	8.6
30°	187.3	135.6	73.2	40.9	21.5	10.8	6.5	4.3	2.2	0.0	0.0
32.5°	191.6	131.3	66.7	32.3	17.2	8.6	4.3	2.2	0.0	0.0	0.0
35°	195.9	127.0	58.1	25.8	12.9	6.5	2.2	0.0	0.0	0.0	0.0
37.5°	200.2	120.5	49.5	21.5	10.8	4.3	0.0	0.0	0.0	0.0	0.0
40°	204.5	111.9	40.9	19.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	208.8	105.5	34.4	15.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	219.6	101.2	28.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	238.9	96.9	25.8	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	266.9	92.6	23.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	305.7	90.4	21.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	374.6	88.3	19.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	493.0	86.1	19.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	755.6	81.8	19.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1349.7	79.6	17.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2352.8	81.8	17.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3373.2	86.1	15.1	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	2886.7	75.3	15.1	8.6	4.3	2.2	0.0	0.0	0.0	0.0	0.0
71°	2352.8	66.7	15.1	8.6	4.3	2.2	2.2	0.0	0.0	0.0	0.0
72.5°	1513.3	51.7	12.9	8.6	4.3	4.3	2.2	0.0	0.0	0.0	0.0
75°	639.3	43.1	12.9	8.6	6.5	4.3	4.3	2.2	0.0	0.0	0.0
77.5°	273.4	32.3	12.9	10.8	8.6	6.5	6.5	4.3	2.2	0.0	0.0
80°	103.3	25.8	15.1	12.9	10.8	10.8	8.6	4.3	2.2	0.0	0.0
82.5°	47.4	21.5	15.1	12.9	12.9	10.8	8.6	6.5	4.3	0.0	0.0
85°	30.1	19.4	15.1	12.9	12.9	10.8	10.8	6.5	4.3	0.0	0.0
87.5°	23.7	19.4	15.1	15.1	12.9	12.9	8.6	6.5	2.2	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

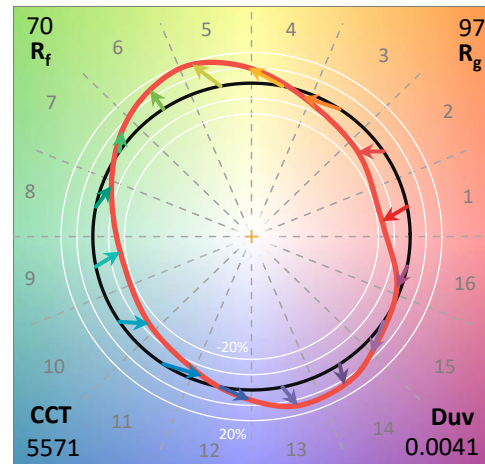
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

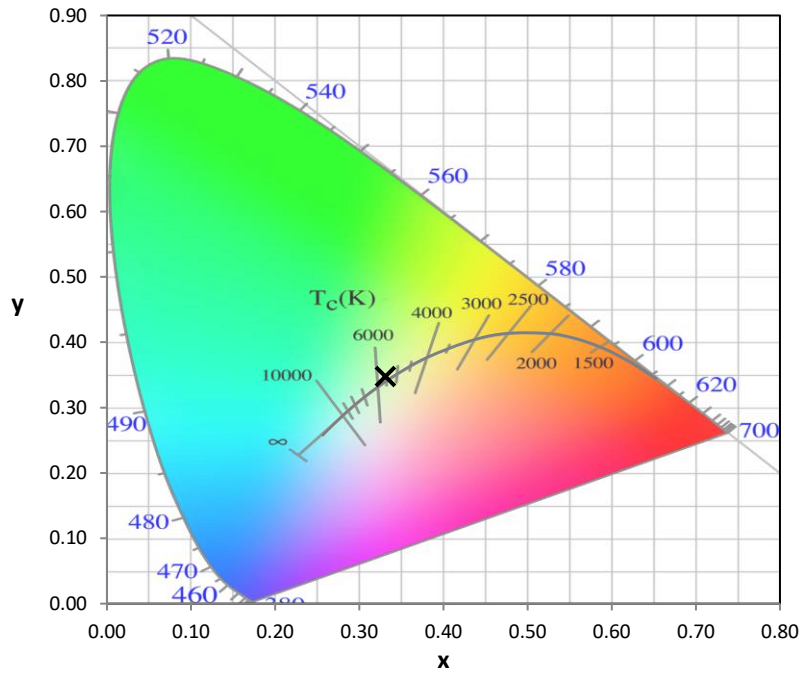
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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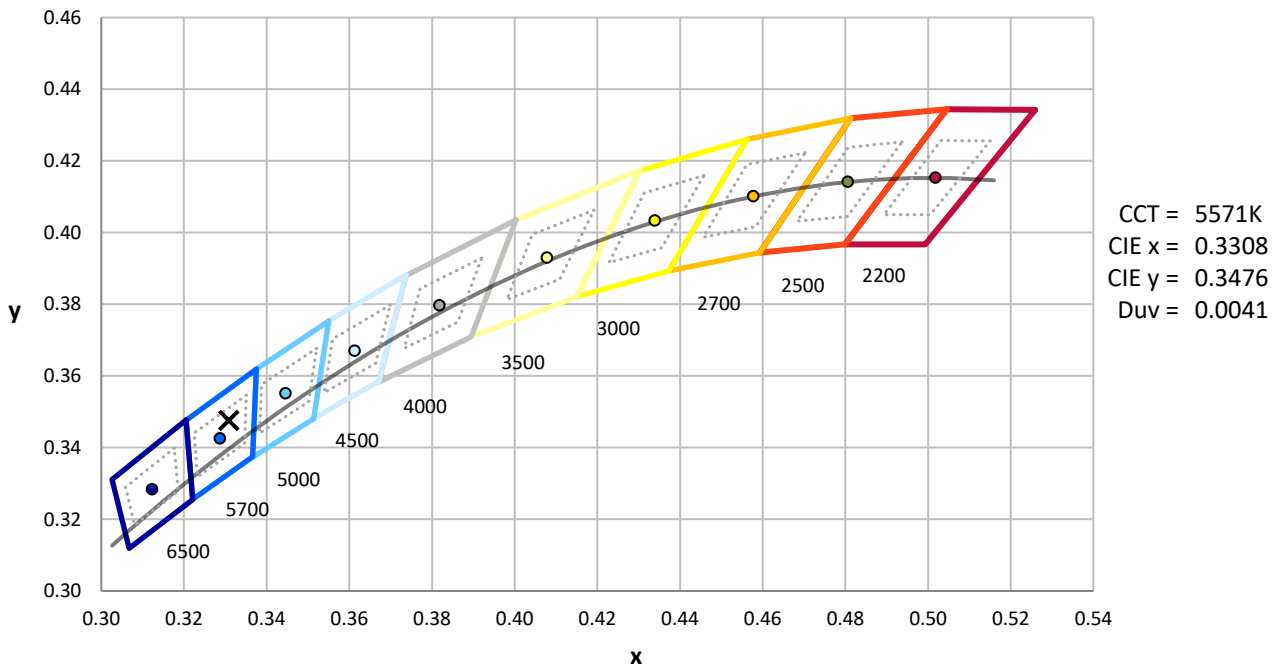
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



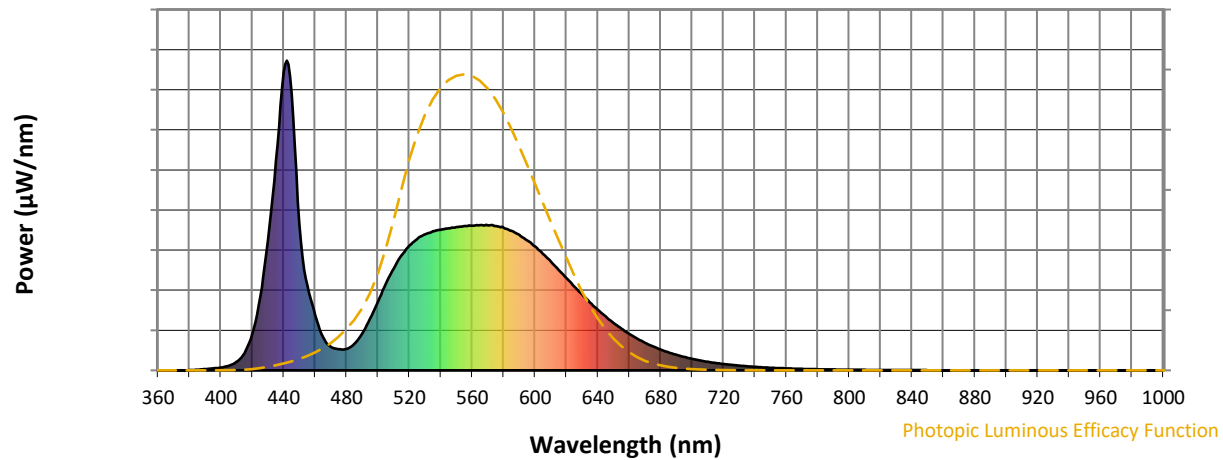
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

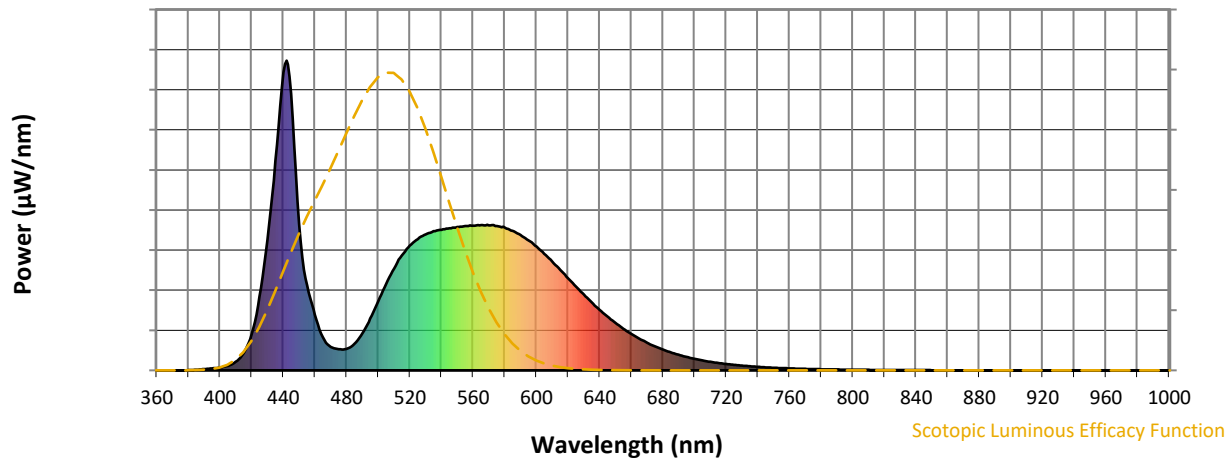


Photopic Lumens: NR

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



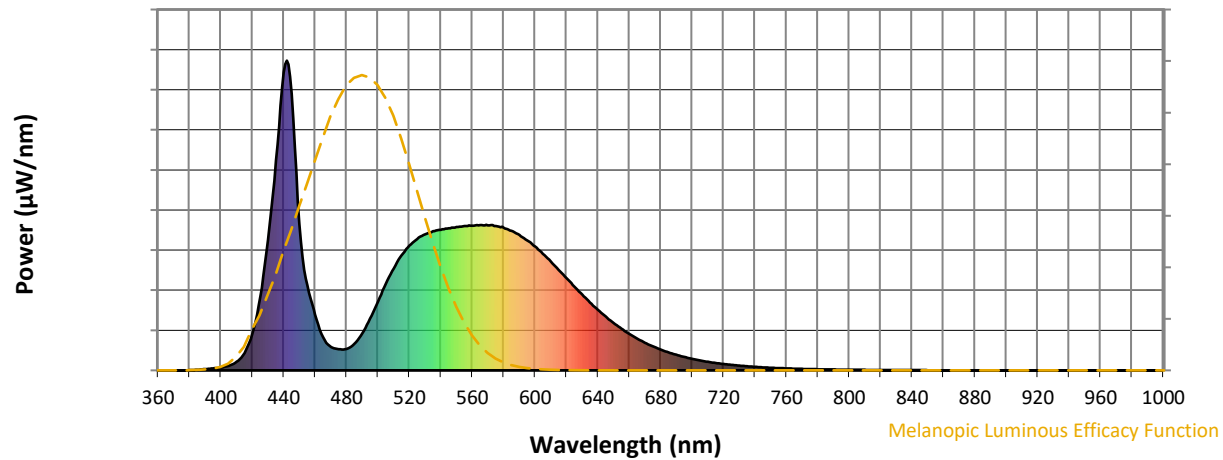
Scotopic Lumens: NR

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

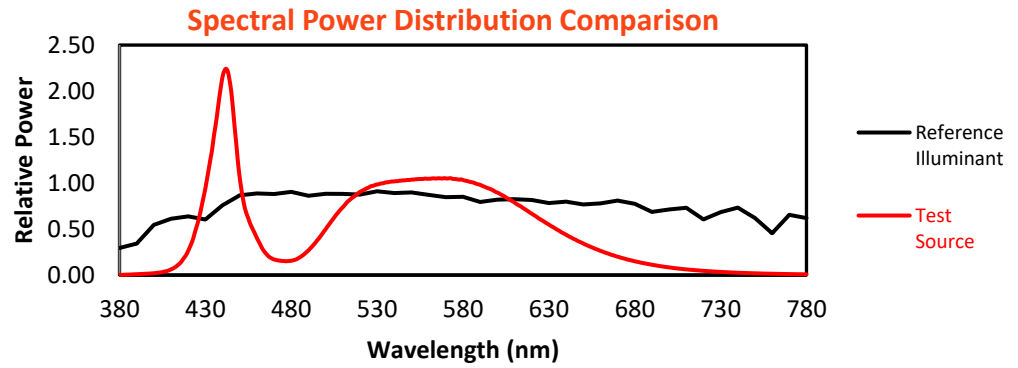
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298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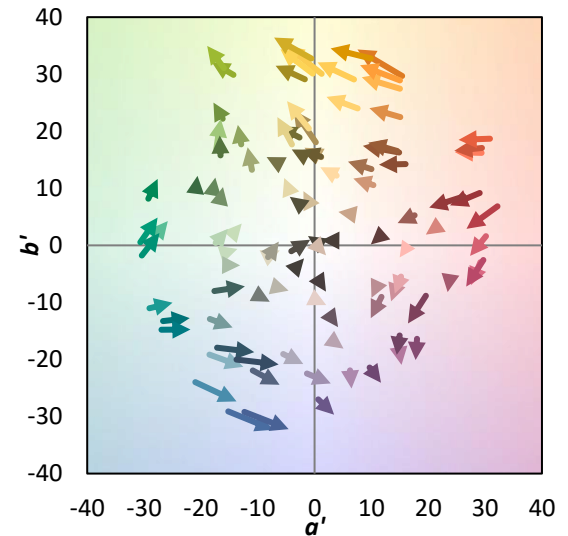
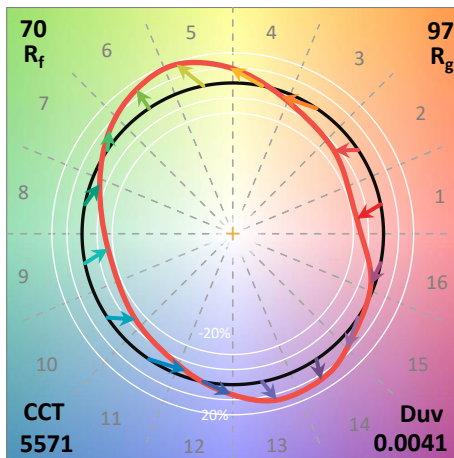
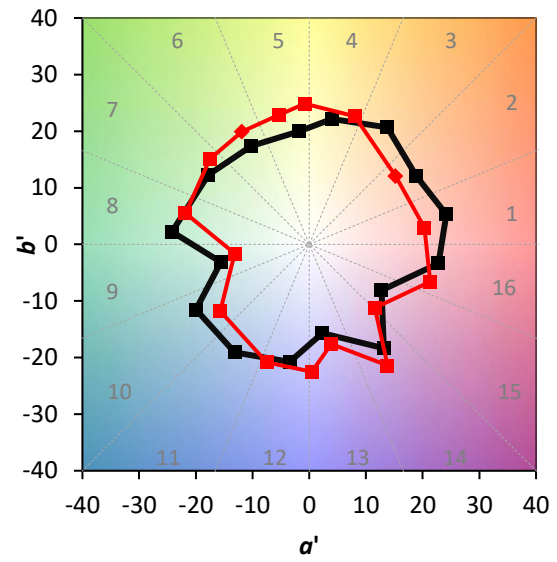
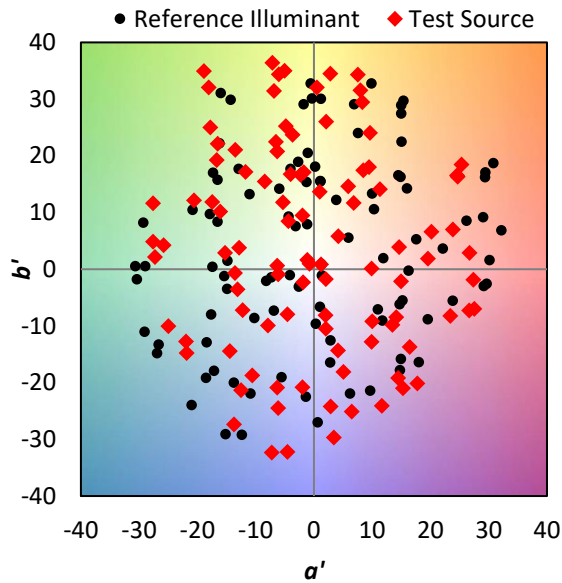
TM-30-18

Summary

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

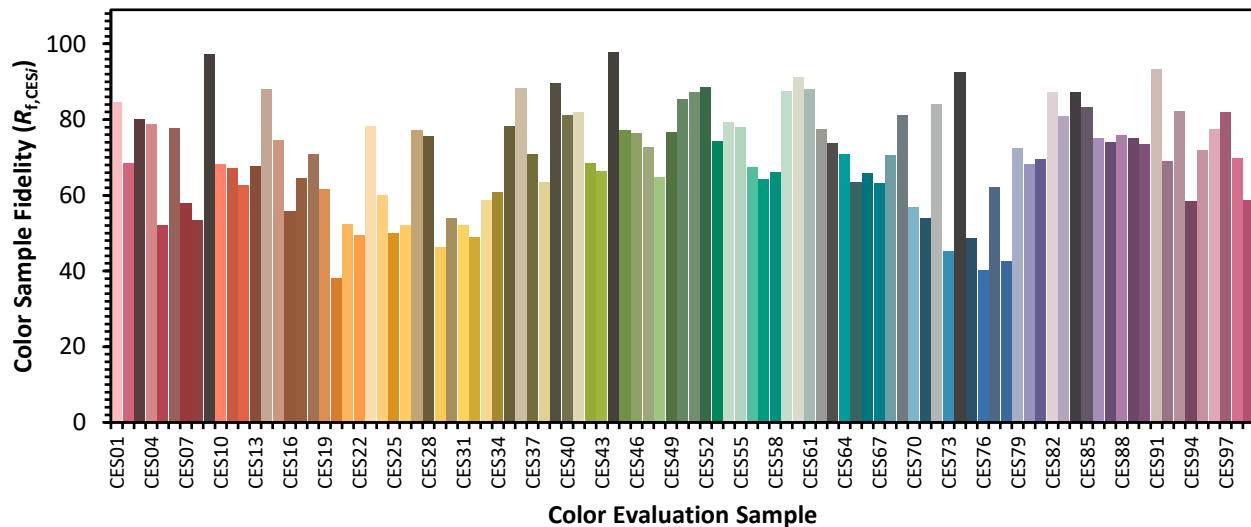


Color Vector Graphics

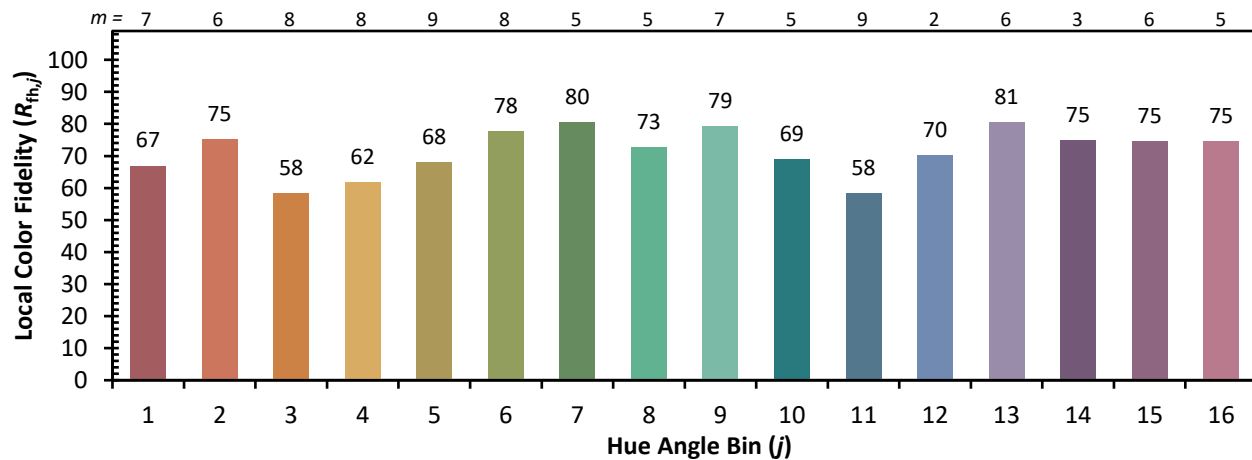
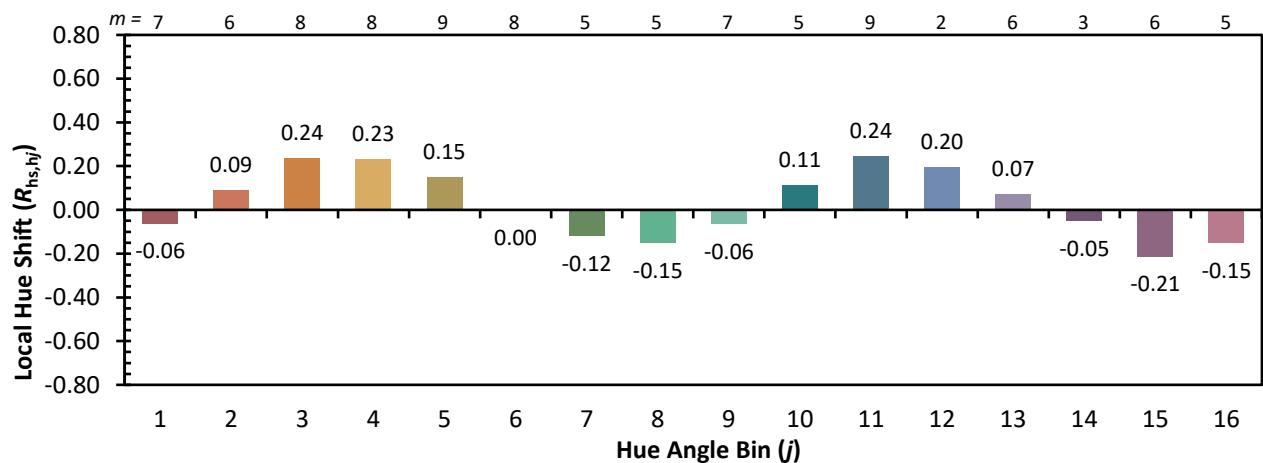
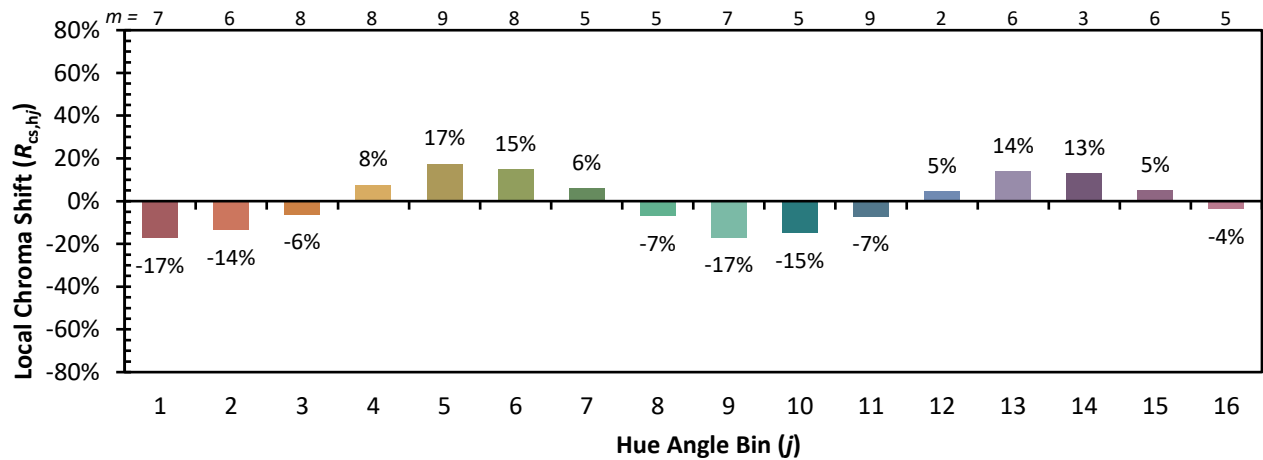


Individual Sample Fidelity Index ($R_{f,i}$)

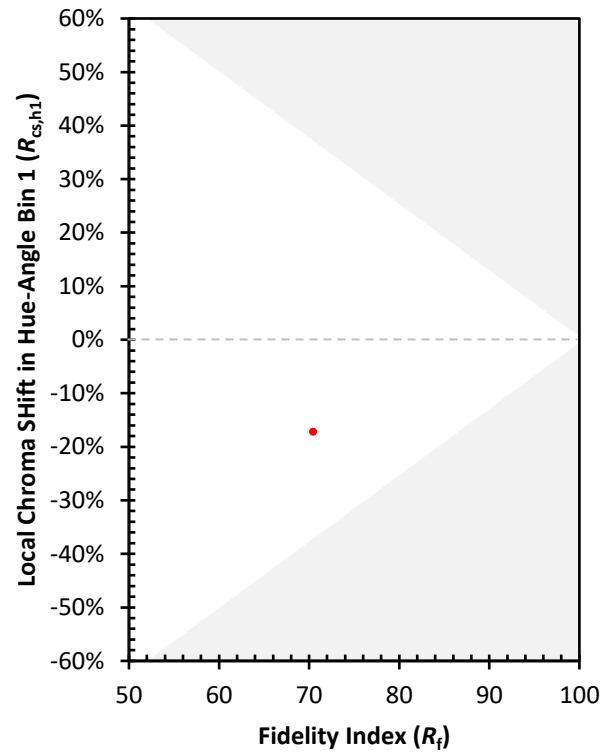
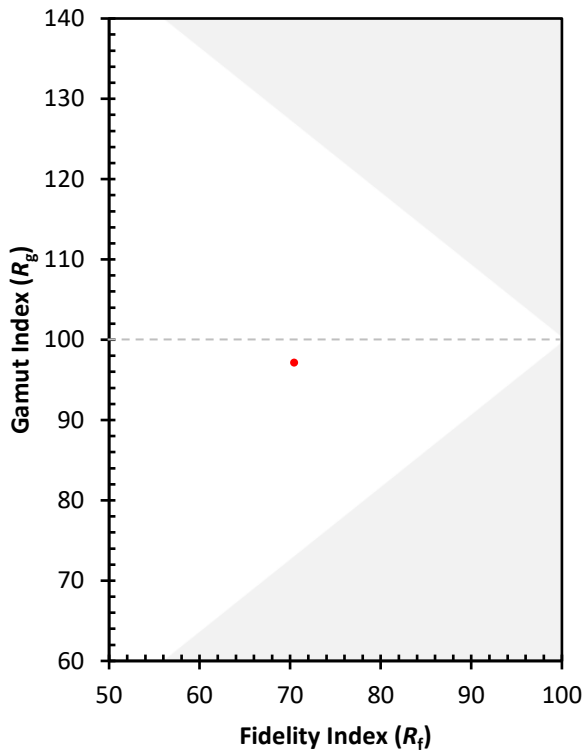
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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