

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: P1048445

Luminaire Tested: **GALN-SA8A-750-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048445
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-750-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29107.9 lumens
Efficiency: N/A
Efficacy: 133.8 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): 217.6
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

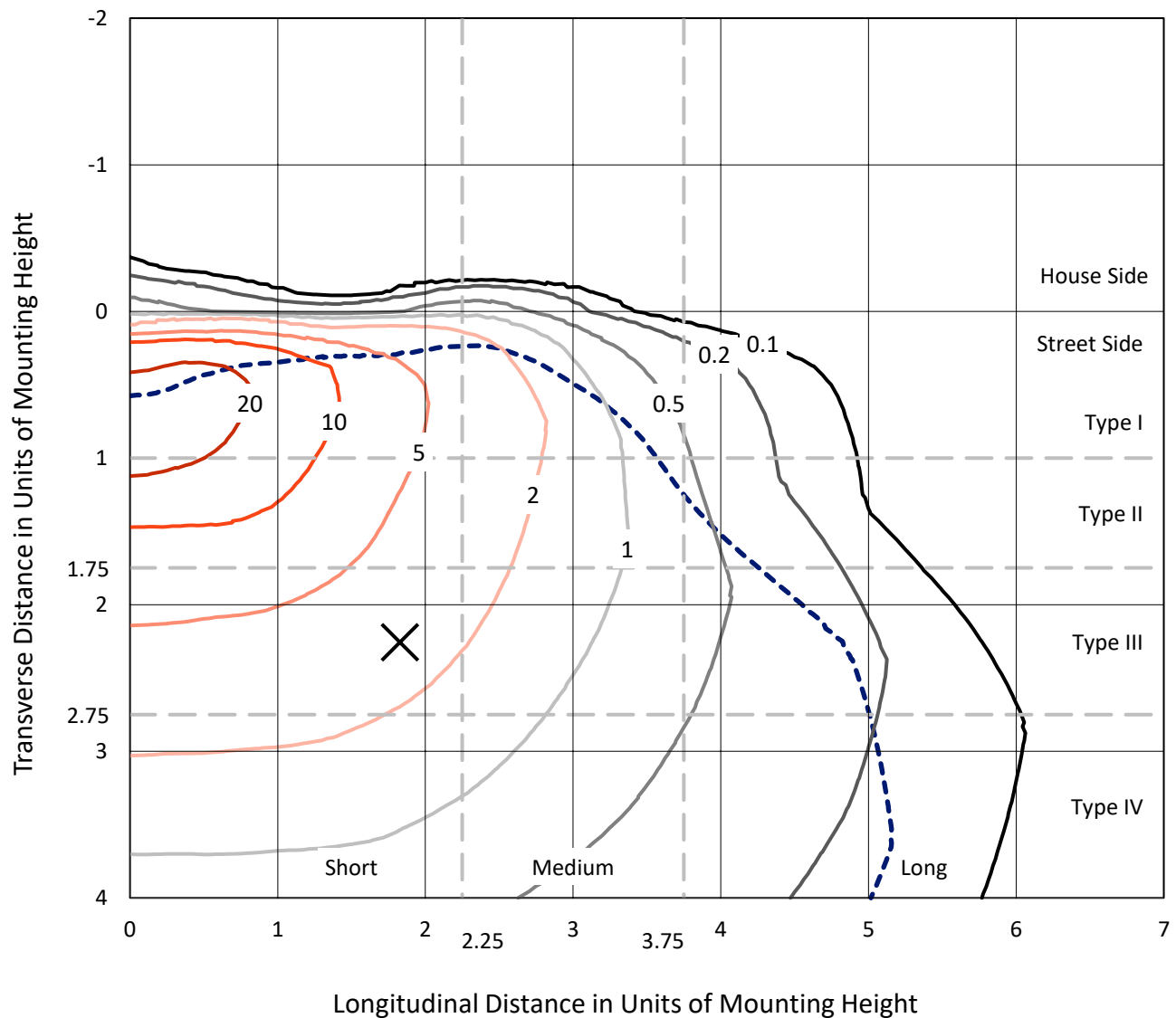


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

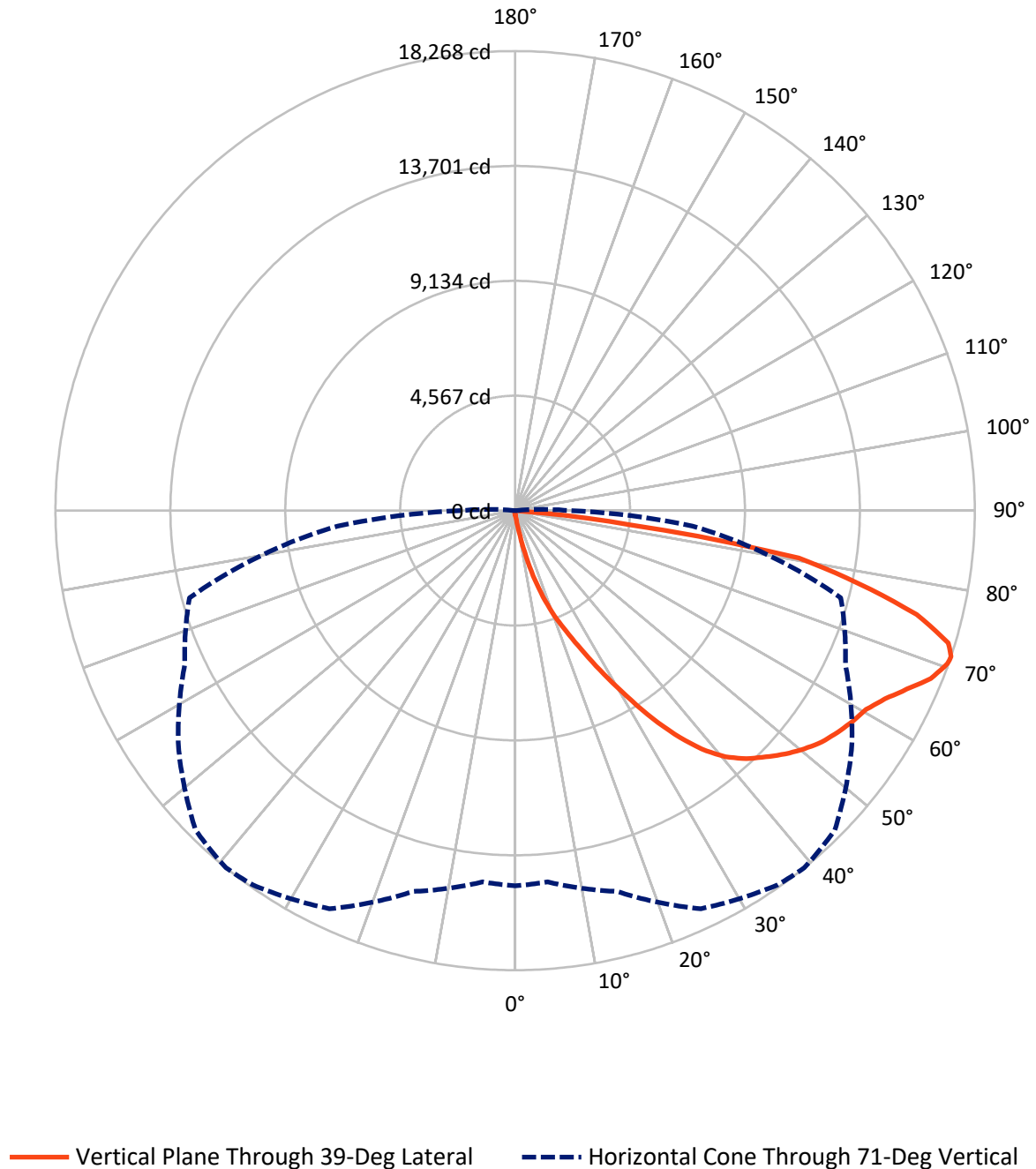


Based on 15 foot mounting height. Maximum calculated value = 29.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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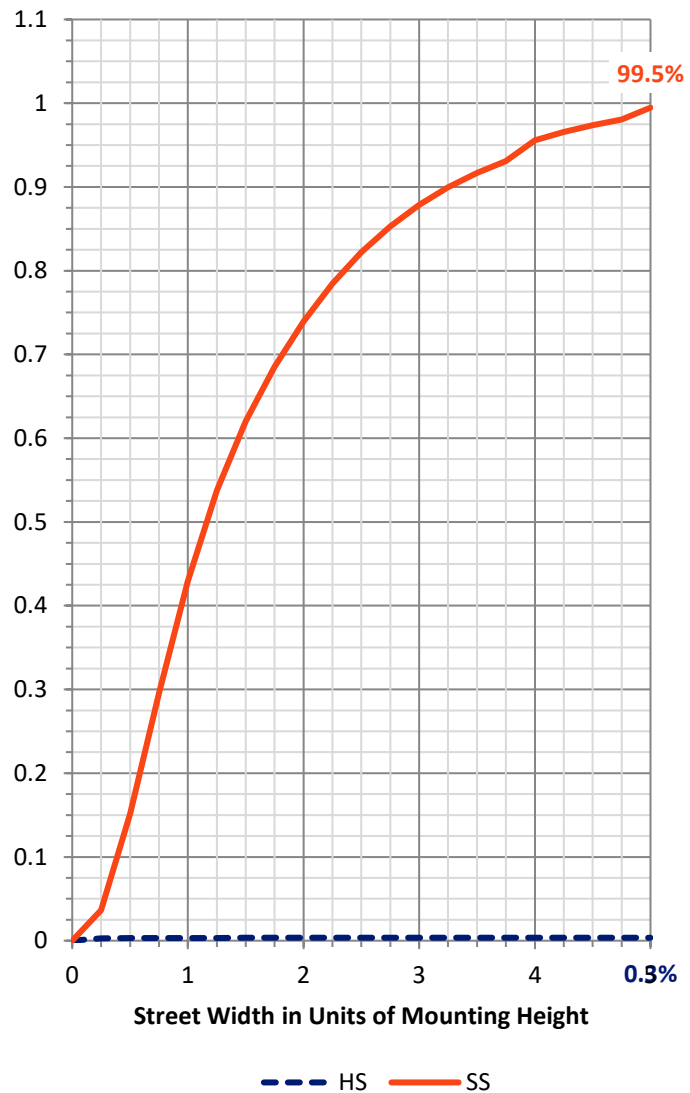
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	103.4	0.0	103.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29004.5	0.0	29004.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	29107.9	0.0	29107.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.3	0.1
10°-20°	311.1	1.1
20°-30°	1107.9	3.8
30°-40°	2670.2	9.2
40°-50°	4468.8	15.4
50°-60°	5739.6	19.7
60°-70°	7263.5	25.0
70°-80°	6475.7	22.2
80°-90°	1046.8	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°	29107.9	100.0
0°-180°	29107.9	100.0



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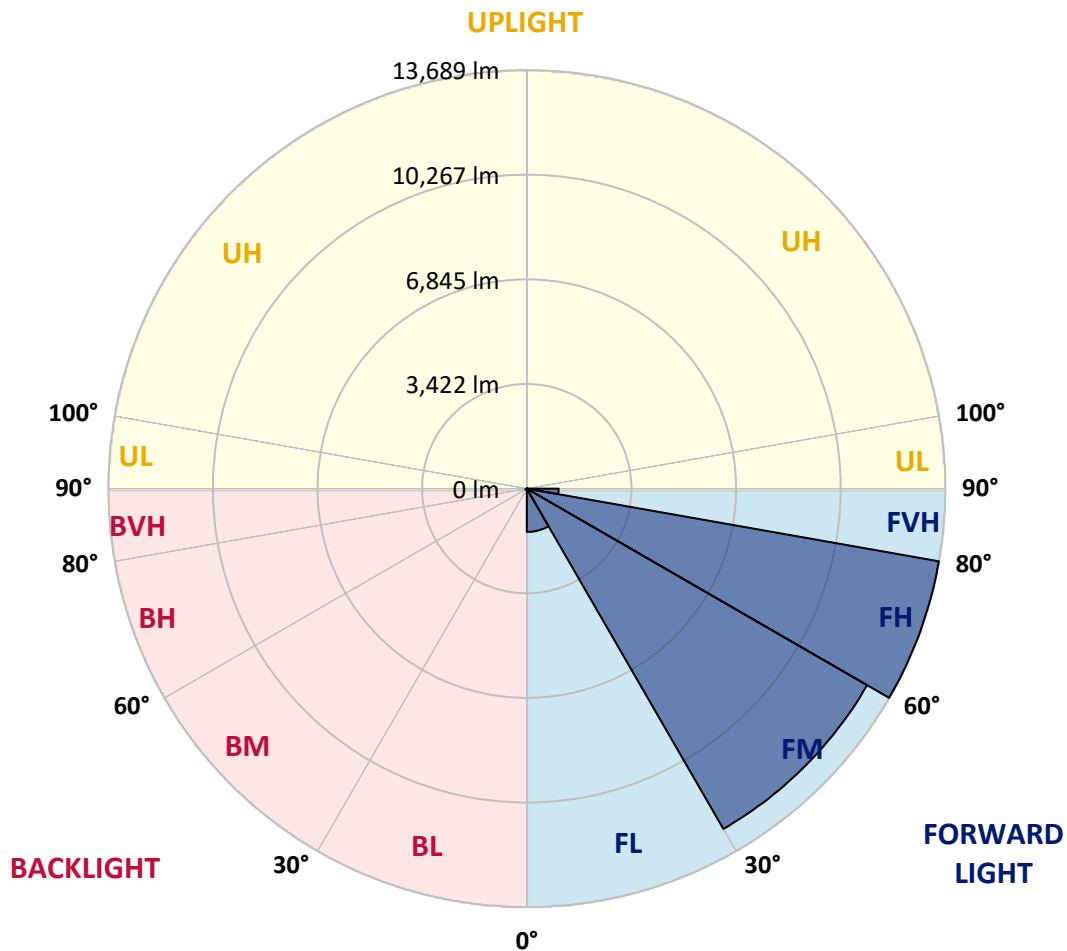
CATALOG NUMBER: GALN-SA8A-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1418.3	4.9			
FM	(30°-60°)	12854.6	44.2			
FH	(60°-80°)	13689.5	47.0			G5
FVH	(80°-90°)	1042.0	3.6			G5
BL	(0°-30°)	25.0	0.1	B0/110		
BM	(30°-60°)	23.9	0.1	B0/220		
BH	(60°-80°)	49.7	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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°	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6
2.5°	183.3	183.3	183.3	177.3	177.3	175.4	173.4	173.4	169.5	167.5	163.5
5°	277.8	271.9	258.1	250.2	234.5	224.6	214.8	201.0	187.2	177.3	165.5
7.5°	628.6	642.4	597.0	512.3	425.6	388.2	325.1	262.1	216.7	187.2	167.5
10°	1602.0	1594.1	1440.4	1270.9	981.3	865.0	677.8	427.6	279.8	204.9	169.5
12.5°	2725.1	2717.3	2536.0	2305.4	1923.2	1680.8	1326.1	798.0	402.0	232.5	169.5
15°	3669.0	3637.5	3580.3	3351.7	2904.4	2701.5	2232.5	1410.8	650.2	279.8	173.4
17.5°	4293.6	4266.0	4212.8	4130.1	3846.3	3605.9	3229.6	2216.8	1052.2	362.6	181.3
20°	4867.0	4847.3	4804.0	4788.2	4604.9	4476.9	4165.5	3142.9	1639.4	492.6	193.1
22.5°	5655.2	5613.8	5631.5	5537.0	5357.7	5204.0	5012.8	4112.3	2356.7	709.4	214.8
25°	6620.7	6601.0	6551.7	6484.8	6236.5	6102.5	5808.9	5026.6	3158.6	993.1	238.4
27.5°	7787.2	7765.5	7753.7	7600.0	7314.3	7168.5	6758.6	5889.7	4061.1	1391.1	270.0
30°	9131.1	9140.9	9064.1	8867.0	8534.0	8329.1	7907.4	6794.1	4985.2	1858.1	303.4
32.5°	10522.2	10502.5	10384.3	10151.8	9854.2	9663.1	9127.1	7785.2	5954.7	2474.9	342.9
35°	12021.7	11984.3	11672.9	11406.9	11152.7	10912.4	10423.7	8936.0	6924.2	3166.5	396.1
37.5°	13535.0	13359.6	12735.0	12398.1	12222.7	12025.7	11570.5	10163.6	7887.7	3938.9	461.1
40°	14677.9	14541.9	13801.0	13180.3	13040.4	12872.9	12534.0	11223.7	8912.3	4768.5	539.9
42.5°	15310.4	15235.5	14569.5	13956.7	13627.6	13479.8	13190.2	12149.8	9925.2	5684.7	654.2
45°	15580.3	15464.1	15018.8	14733.1	14208.9	13964.6	13619.7	12849.3	10983.3	6725.1	813.8
47.5°	15497.6	15430.6	15111.4	15215.8	14835.5	14455.2	13948.8	13385.3	11887.7	7919.2	1032.5
50°	14977.4	14920.2	14821.7	15387.2	15340.0	14890.7	14374.4	13808.9	12626.6	9150.8	1371.4
52.5°	13988.2	13964.6	14216.8	15253.3	15625.7	15274.9	14784.3	14183.3	13316.3	10437.5	1856.2
55°	12713.3	12809.9	13531.1	15044.4	15771.5	15558.7	15146.8	14534.0	13870.0	11588.2	2571.4
57.5°	12189.2	12214.8	13115.3	14896.6	15836.5	15808.9	15499.6	14869.0	14378.4	12508.4	3663.1
60°	12802.0	12762.6	13237.5	15008.9	15966.6	16033.6	15812.9	15180.3	14819.8	13298.6	5117.3
62.5°	13909.4	13887.7	14039.5	15487.7	16346.9	16482.8	16248.3	15405.0	15209.9	13818.8	6776.4
65°	14898.6	14853.3	15135.0	16337.0	17014.8	17111.4	16906.5	15789.2	15381.3	14197.1	8335.0
67.5°	15326.2	15316.3	15769.5	17144.9	17716.3	17820.7	17641.4	16319.3	15341.9	14317.3	9022.7
70°	15131.1	15093.6	15818.8	17487.7	18112.4	18230.6	18057.2	16516.3	14914.3	13937.0	8004.0
71°	14916.3	14815.8	15671.0	17464.1	18167.5	18268.0	17964.6	16337.0	14484.8	13397.1	7079.8
72.5°	14250.3	14268.0	15265.1	17217.8	18035.5	18006.0	17440.5	15694.6	13966.5	12171.5	5686.7
75°	12610.9	12715.3	13950.8	16183.3	16857.2	16480.8	15615.8	14467.0	12926.2	8727.1	3948.8
77.5°	10305.5	10461.1	11818.8	14193.2	14002.0	13964.6	13929.1	12746.8	11038.5	4687.7	2746.8
80°	4920.2	5257.2	7129.1	10132.1	11006.9	11430.6	11164.6	10272.0	8536.0	2232.5	1641.4
82.5°	321.2	317.2	449.3	851.2	3588.2	4638.4	7369.5	7341.9	5950.8	1087.7	670.0
85°	151.7	155.7	171.4	195.1	226.6	248.3	342.9	2009.9	2847.3	518.2	145.8
87.5°	88.7	90.6	106.4	136.0	177.3	197.0	234.5	301.5	370.4	285.7	31.5
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: P1048445

CATALOG NUMBER: GALN-SA8A-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6	159.6
2.5°	161.6	159.6	153.7	147.8	141.9	137.9	136.0	137.9	137.9	139.9	139.9
5°	161.6	155.7	145.8	134.0	126.1	118.2	114.3	112.3	114.3	114.3	114.3
7.5°	159.6	149.8	136.0	122.2	112.3	102.5	98.5	96.6	96.6	98.5	98.5
10°	155.7	145.8	128.1	112.3	100.5	88.7	82.8	76.8	76.8	76.8	78.8
12.5°	153.7	139.9	118.2	102.5	86.7	72.9	61.1	55.2	57.1	57.1	57.1
15°	149.8	134.0	112.3	92.6	72.9	55.2	45.3	39.4	41.4	43.3	41.4
17.5°	149.8	132.0	104.4	80.8	57.1	41.4	33.5	29.6	29.6	31.5	31.5
20°	149.8	128.1	98.5	69.0	43.3	31.5	23.6	21.7	21.7	25.6	27.6
22.5°	153.7	128.1	90.6	57.1	35.5	23.6	17.7	15.8	17.7	21.7	23.6
25°	159.6	126.1	82.8	51.2	29.6	17.7	13.8	9.9	11.8	15.8	17.7
27.5°	165.5	124.1	74.9	45.3	23.6	13.8	9.9	7.9	5.9	7.9	7.9
30°	171.4	124.1	67.0	37.4	19.7	9.9	5.9	3.9	2.0	0.0	0.0
32.5°	175.4	120.2	61.1	29.6	15.8	7.9	3.9	2.0	0.0	0.0	0.0
35°	179.3	116.3	53.2	23.6	11.8	5.9	2.0	0.0	0.0	0.0	0.0
37.5°	183.3	110.3	45.3	19.7	9.9	3.9	0.0	0.0	0.0	0.0	0.0
40°	187.2	102.5	37.4	17.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	191.1	96.6	31.5	13.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	201.0	92.6	25.6	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	218.7	88.7	23.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	244.3	84.7	21.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	279.8	82.8	19.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	342.9	80.8	17.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	451.2	78.8	17.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	691.6	74.9	17.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1235.5	72.9	15.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2153.7	74.9	15.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3087.7	78.8	13.8	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2642.4	69.0	13.8	7.9	3.9	2.0	0.0	0.0	0.0	0.0	0.0
71°	2153.7	61.1	13.8	7.9	3.9	2.0	2.0	0.0	0.0	0.0	0.0
72.5°	1385.2	47.3	11.8	7.9	3.9	3.9	2.0	0.0	0.0	0.0	0.0
75°	585.2	39.4	11.8	7.9	5.9	3.9	3.9	2.0	0.0	0.0	0.0
77.5°	250.2	29.6	11.8	9.9	7.9	5.9	5.9	3.9	2.0	0.0	0.0
80°	94.6	23.6	13.8	11.8	9.9	9.9	7.9	3.9	2.0	0.0	0.0
82.5°	43.3	19.7	13.8	11.8	11.8	9.9	7.9	5.9	3.9	0.0	0.0
85°	27.6	17.7	13.8	11.8	11.8	9.9	9.9	5.9	3.9	0.0	0.0
87.5°	21.7	17.7	13.8	13.8	11.8	11.8	7.9	5.9	2.0	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

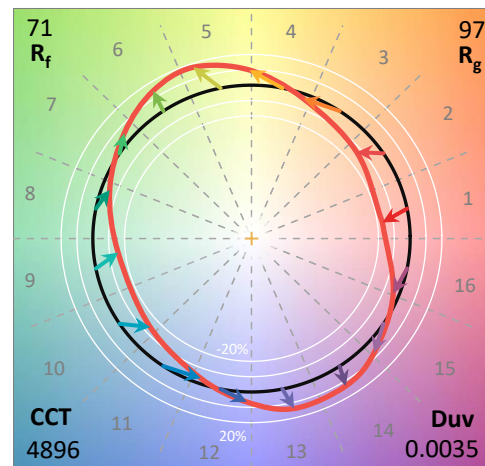
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

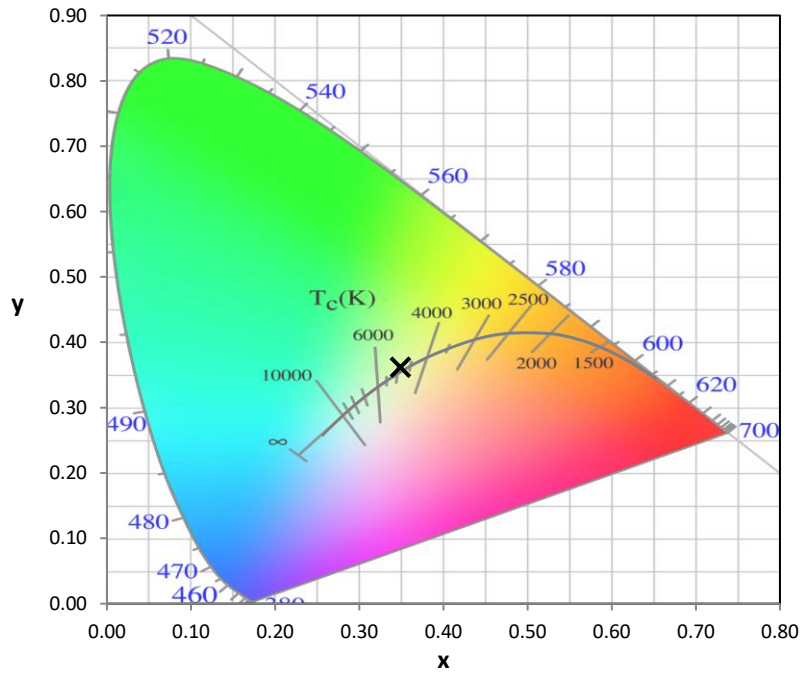
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

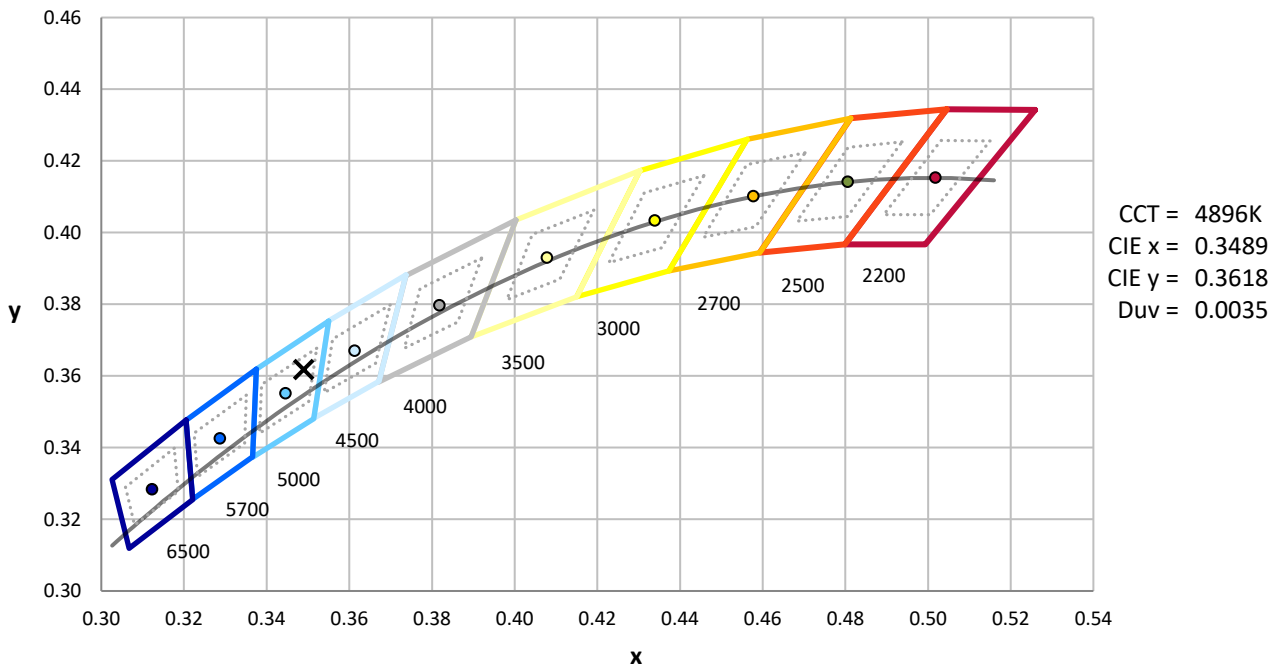
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



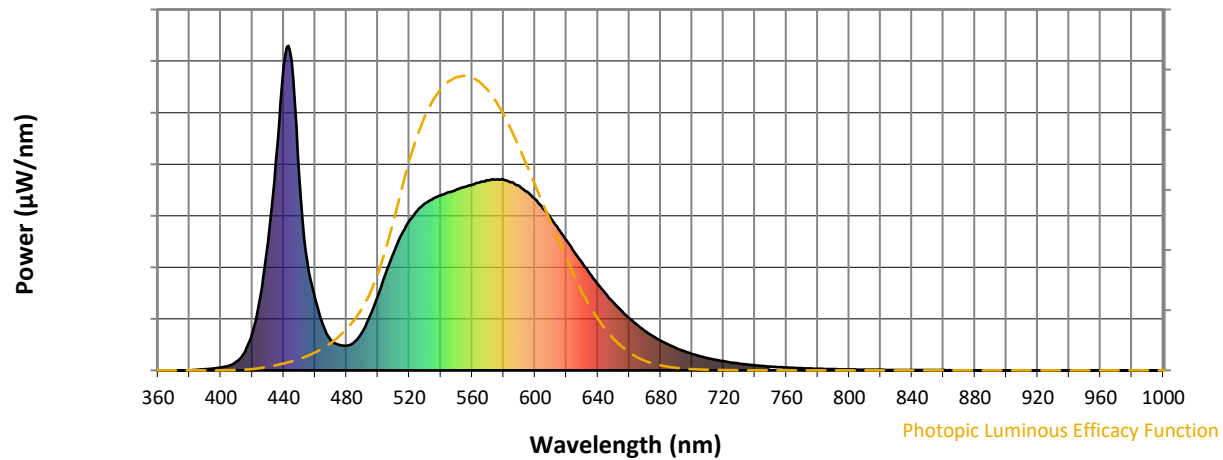
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

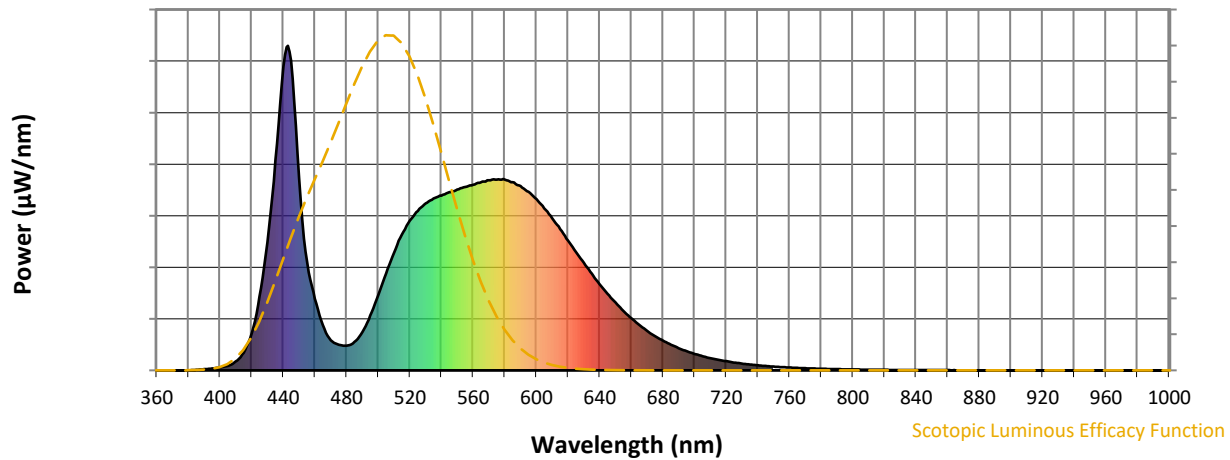


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



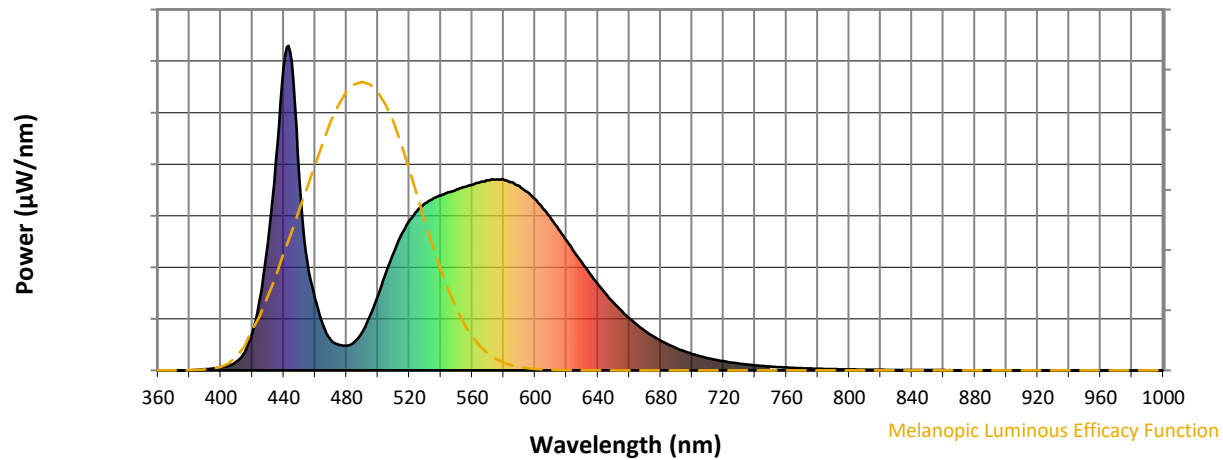
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

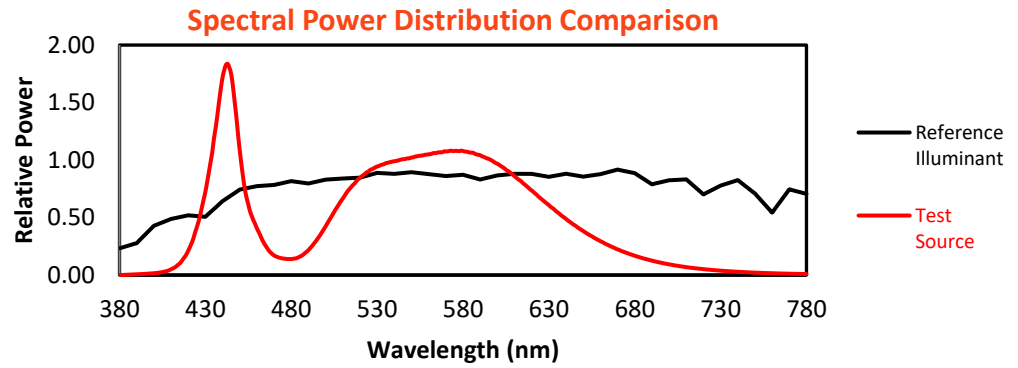
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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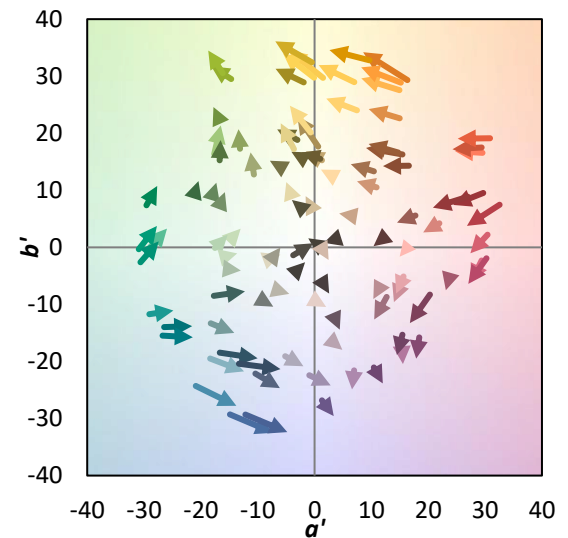
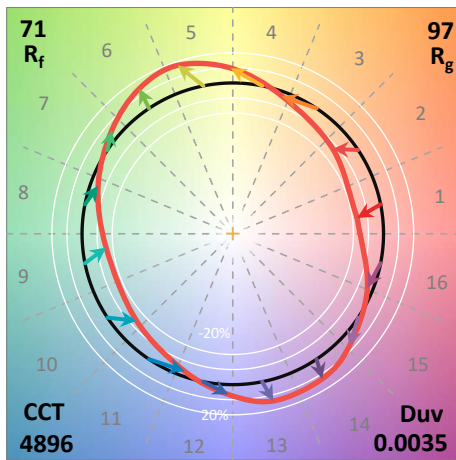
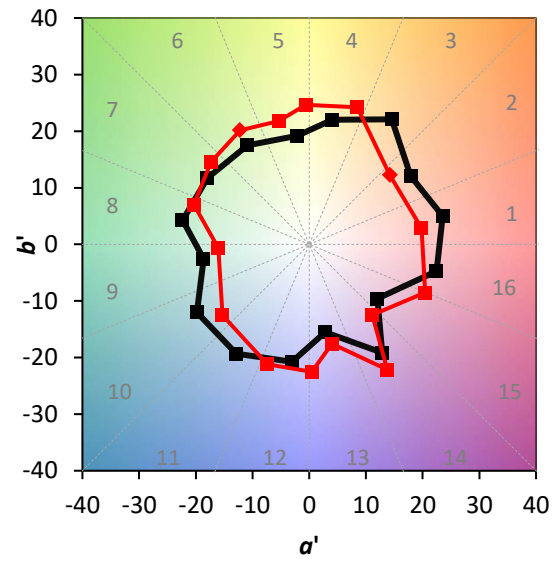
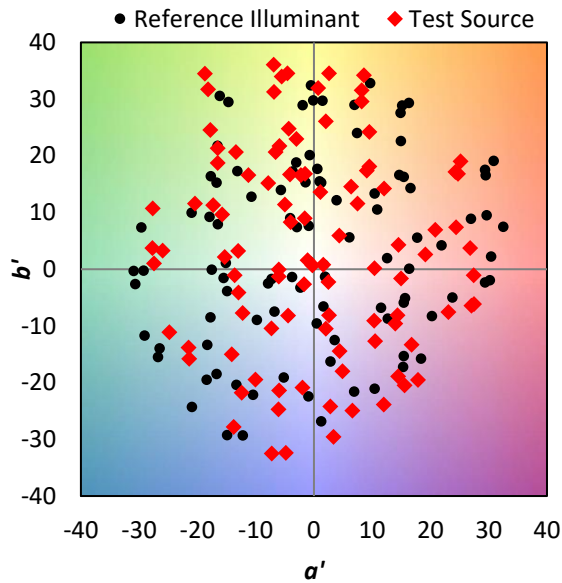
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 $CIE R_a = 70.2$
 $R_g = -35.1$

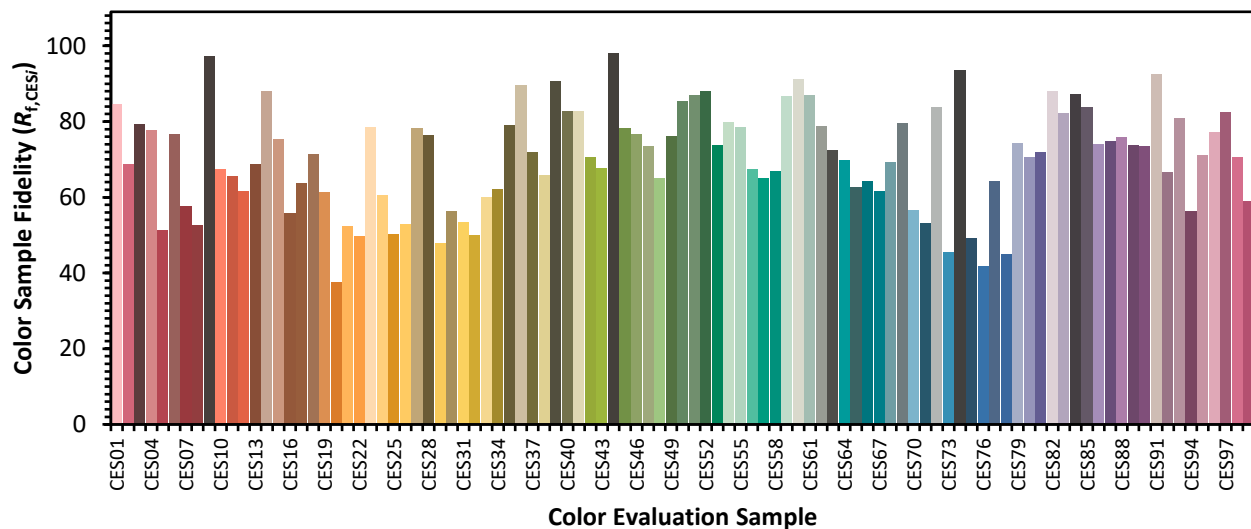


Color Vector Graphics

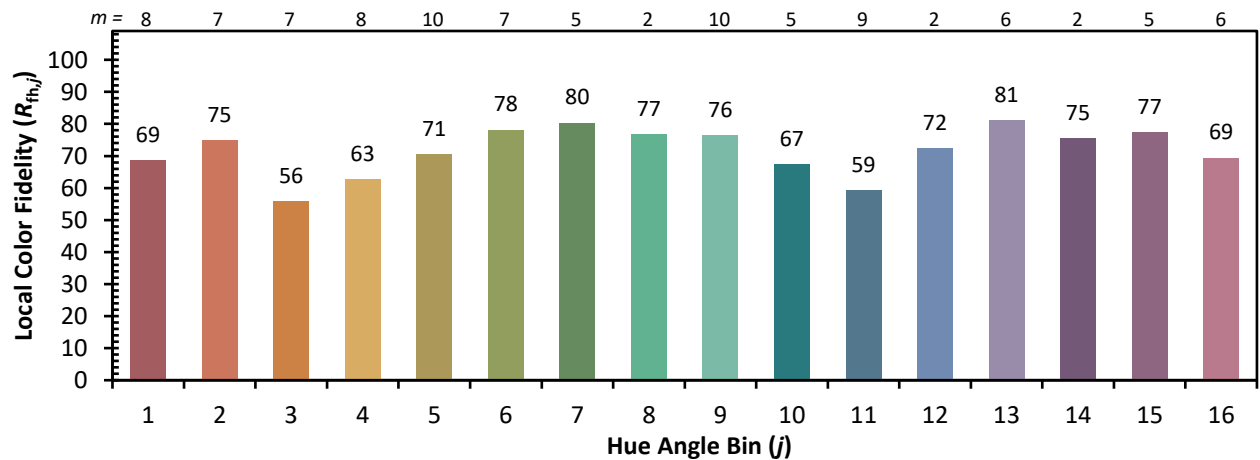
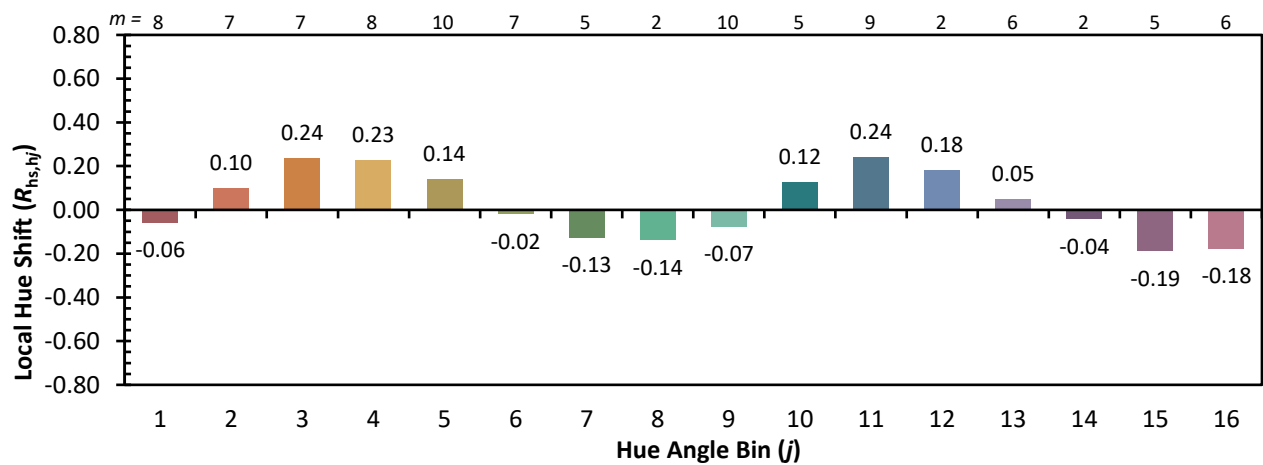
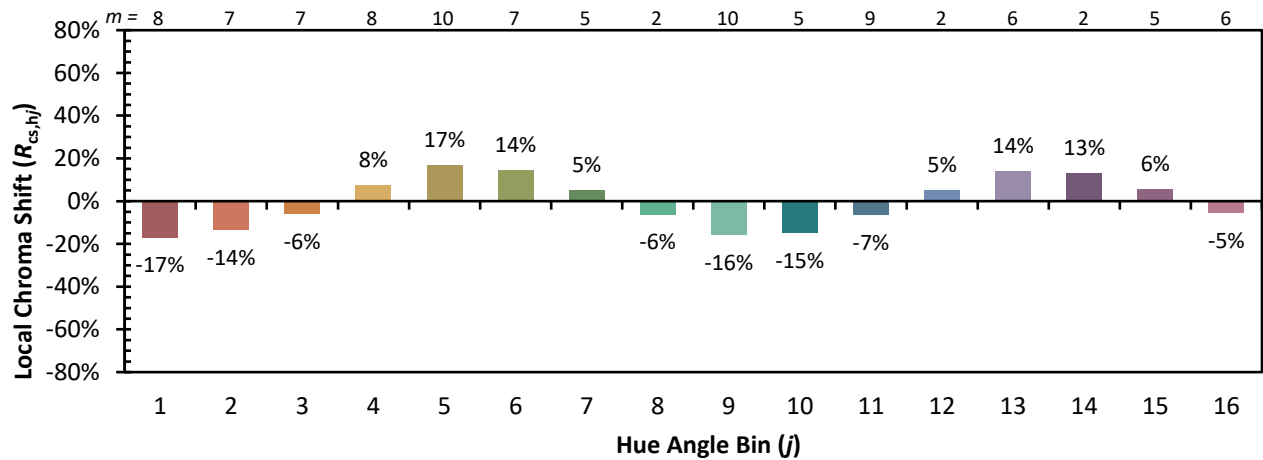


Individual Sample Fidelity Index ($R_{f,i}$)

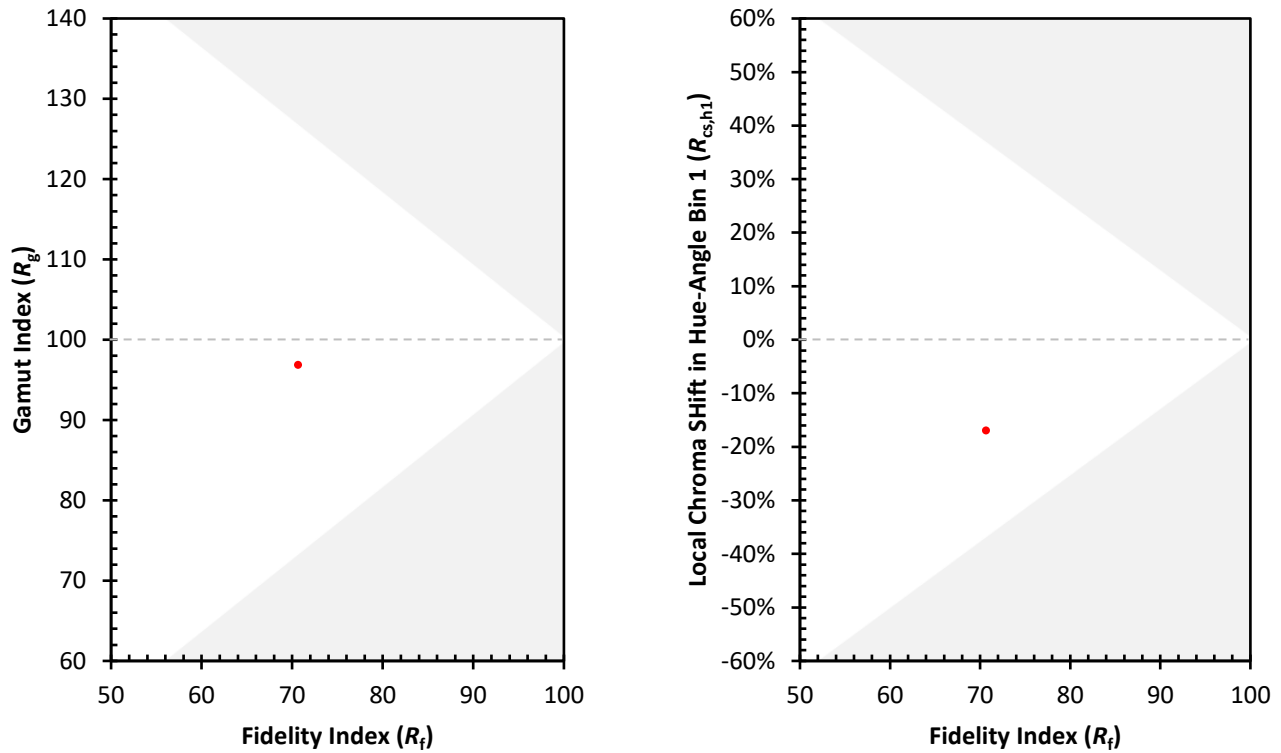
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)