

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: P1048422

Luminaire Tested: **GALN-SA2B-750-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048422
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-750-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9326 lumens
Efficiency: N/A
Efficacy: 128.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 72.8
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

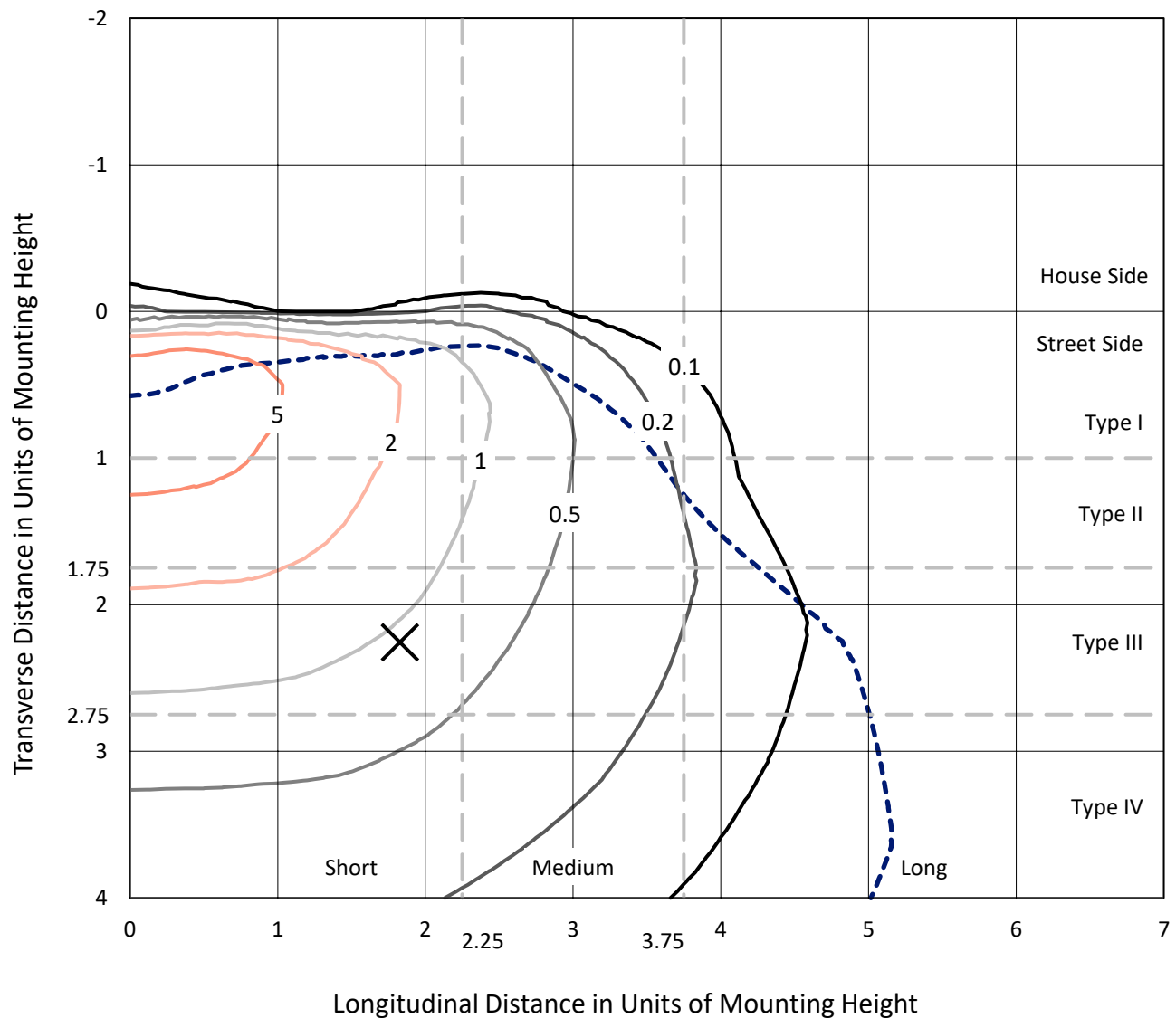


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

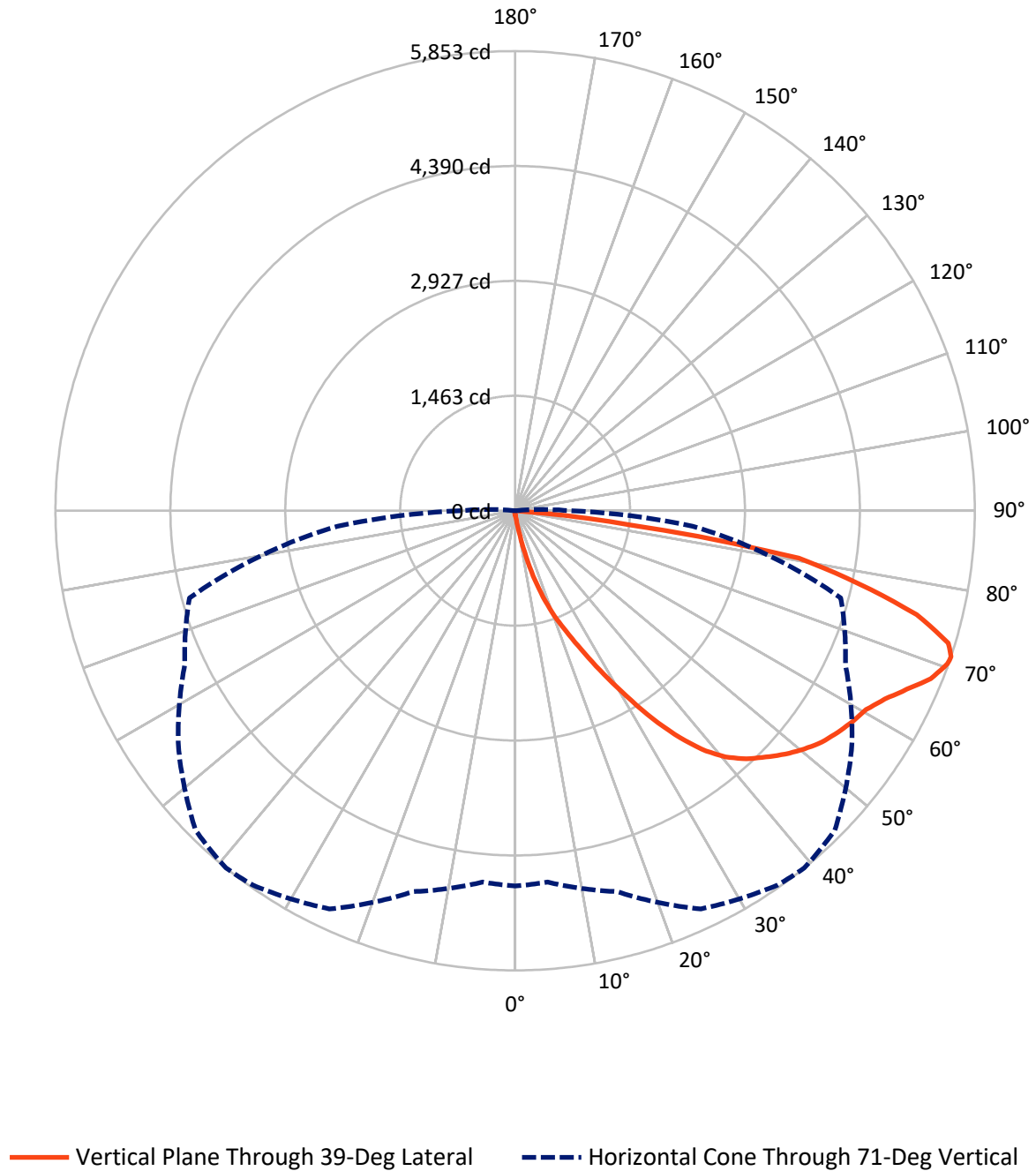


Based on 15 foot mounting height. Maximum calculated value = 9.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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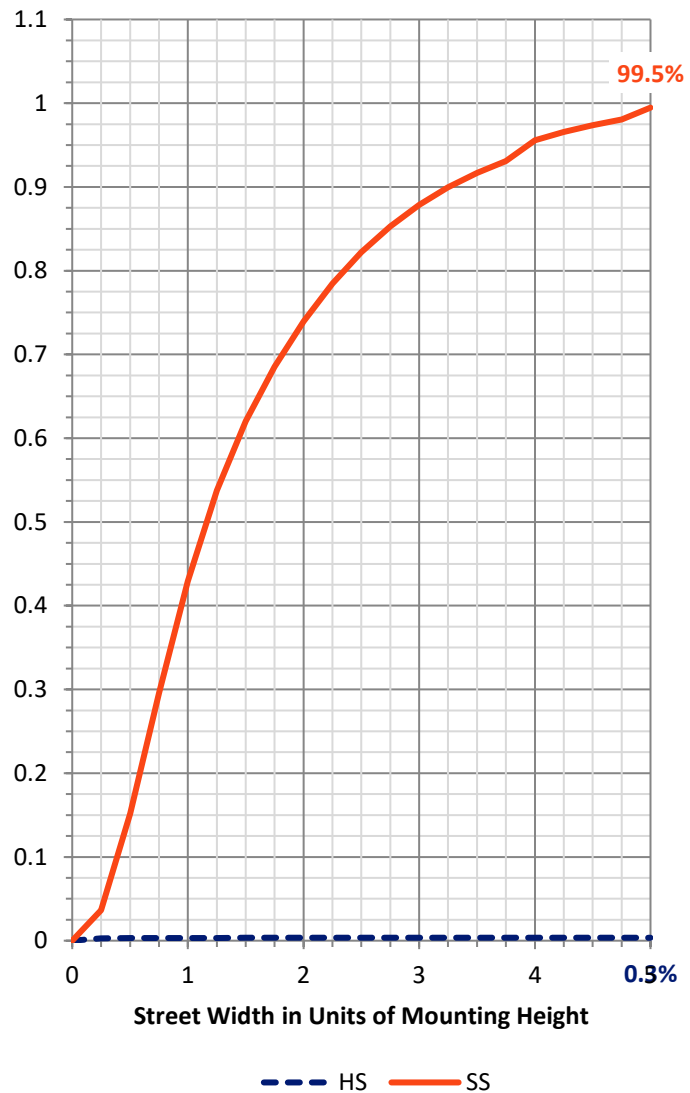
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	33.2	0.0	33.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9292.9	0.0	9292.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	9326.0	0.0	9326.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.8	0.1
10°-20°	99.7	1.1
20°-30°	355.0	3.8
30°-40°	855.5	9.2
40°-50°	1431.8	15.4
50°-60°	1838.9	19.7
60°-70°	2327.2	25.0
70°-80°	2074.8	22.2
80°-90°	335.4	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°	9326.0	100.0
0°-180°	9326.0	100.0



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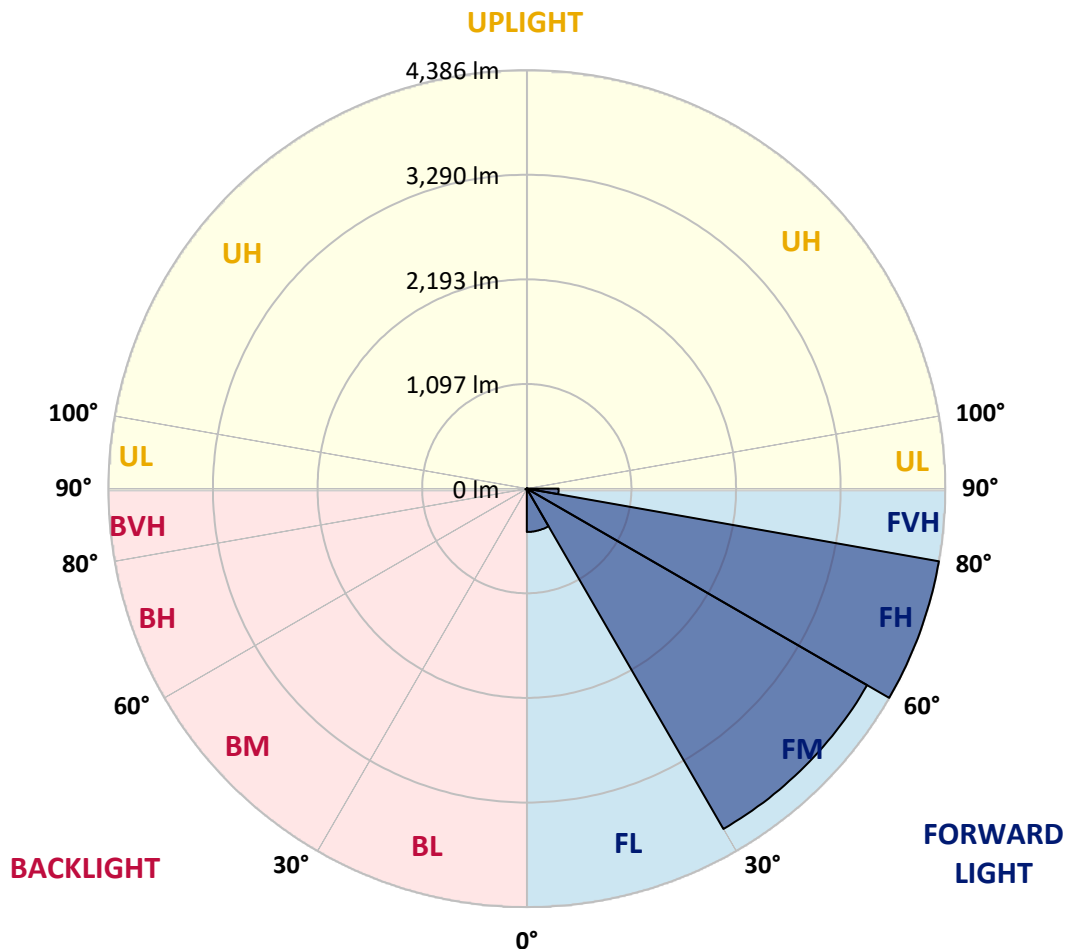
CATALOG NUMBER: GALN-SA2B-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	454.4	4.9			
FM	(30°-60°)	4118.5	44.2			
FH	(60°-80°)	4386.0	47.0			G2/5000
FVH	(80°-90°)	333.9	3.6			G3/500
BL	(0°-30°)	8.0	0.1	B0/110		
BM	(30°-60°)	7.7	0.1	B0/220		
BH	(60°-80°)	15.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
2.5°	58.7	58.7	58.7	56.8	56.8	56.2	55.6	55.6	54.3	53.7	52.4
5°	89.0	87.1	82.7	80.2	75.1	72.0	68.8	64.4	60.0	56.8	53.0
7.5°	201.4	205.8	191.3	164.1	136.4	124.4	104.2	84.0	69.4	60.0	53.7
10°	513.3	510.7	461.5	407.2	314.4	277.1	217.2	137.0	89.6	65.7	54.3
12.5°	873.1	870.6	812.5	738.6	616.2	538.5	424.9	255.7	128.8	74.5	54.3
15°	1175.5	1165.4	1147.1	1073.9	930.6	865.5	715.3	452.0	208.3	89.6	55.6
17.5°	1375.6	1366.8	1349.8	1323.2	1232.3	1155.3	1034.7	710.2	337.1	116.2	58.1
20°	1559.4	1553.0	1539.2	1534.1	1475.4	1434.4	1334.6	1007.0	525.3	157.8	61.9
22.5°	1811.9	1798.6	1804.3	1774.0	1716.6	1667.3	1606.1	1317.6	755.1	227.3	68.8
25°	2121.2	2114.9	2099.1	2077.7	1998.1	1955.2	1861.1	1610.5	1012.0	318.2	76.4
27.5°	2495.0	2488.0	2484.2	2435.0	2343.5	2296.7	2165.4	1887.0	1301.2	445.7	86.5
30°	2925.5	2928.7	2904.1	2840.9	2734.2	2668.6	2533.5	2176.8	1597.2	595.3	97.2
32.5°	3371.2	3364.9	3327.1	3252.6	3157.2	3096.0	2924.3	2494.3	1907.8	792.9	109.8
35°	3851.7	3839.7	3739.9	3654.7	3573.3	3496.3	3339.7	2863.0	2218.5	1014.5	126.9
37.5°	4336.5	4280.3	4080.2	3972.3	3916.1	3852.9	3707.1	3256.3	2527.2	1262.0	147.7
40°	4702.7	4659.1	4421.8	4222.9	4178.1	4124.4	4015.8	3596.0	2855.5	1527.8	173.0
42.5°	4905.4	4881.4	4668.0	4471.6	4366.2	4318.9	4226.1	3892.7	3180.0	1821.4	209.6
45°	4991.8	4954.6	4811.9	4720.4	4552.4	4474.2	4363.7	4116.8	3519.0	2154.7	260.7
47.5°	4965.3	4943.9	4841.6	4875.1	4753.2	4631.4	4469.1	4288.6	3808.8	2537.3	330.8
50°	4798.7	4780.4	4748.8	4930.0	4914.8	4770.9	4605.5	4424.3	4045.5	2931.9	439.4
52.5°	4481.7	4474.2	4555.0	4887.0	5006.4	4894.0	4736.8	4544.2	4266.5	3344.1	594.7
55°	4073.3	4104.2	4335.3	4820.1	5053.1	4984.9	4853.0	4656.6	4443.9	3712.8	823.9
57.5°	3905.3	3913.6	4202.1	4772.8	5073.9	5065.1	4966.0	4763.9	4606.7	4007.6	1173.6
60°	4101.7	4089.1	4241.2	4808.8	5115.6	5137.1	5066.3	4863.7	4748.2	4260.8	1639.5
62.5°	4456.5	4449.5	4498.2	4962.2	5237.4	5281.0	5205.9	4935.7	4873.2	4427.4	2171.1
65°	4773.4	4758.9	4849.2	5234.3	5451.4	5482.4	5416.7	5058.8	4928.1	4548.7	2670.5
67.5°	4910.4	4907.3	5052.5	5493.1	5676.2	5709.7	5652.2	5228.6	4915.5	4587.2	2890.8
70°	4847.9	4835.9	5068.2	5603.0	5803.1	5841.0	5785.4	5291.7	4778.5	4465.3	2564.4
71°	4779.1	4746.9	5020.9	5595.4	5820.8	5853.0	5755.7	5234.3	4640.8	4292.3	2268.3
72.5°	4565.7	4571.4	4890.8	5516.5	5778.5	5769.0	5587.8	5028.5	4474.8	3899.7	1822.0
75°	4040.4	4073.9	4469.7	5185.0	5400.9	5280.4	5003.2	4635.2	4141.5	2796.1	1265.2
77.5°	3301.8	3351.7	3786.7	4547.4	4486.2	4474.2	4462.8	4084.0	3536.7	1501.9	880.1
80°	1576.4	1684.4	2284.1	3246.2	3526.6	3662.3	3577.1	3291.1	2734.9	715.3	525.9
82.5°	102.9	101.6	143.9	272.7	1149.6	1486.1	2361.1	2352.3	1906.6	348.5	214.6
85°	48.6	49.9	54.9	62.5	72.6	79.5	109.8	643.9	912.3	166.0	46.7
87.5°	28.4	29.0	34.1	43.6	56.8	63.1	75.1	96.6	118.7	91.5	10.1
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-SA2B-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
2.5°	51.8	51.1	49.2	47.3	45.5	44.2	43.6	44.2	44.2	44.8	44.8
5°	51.8	49.9	46.7	42.9	40.4	37.9	36.6	36.0	36.6	36.6	36.6
7.5°	51.1	48.0	43.6	39.1	36.0	32.8	31.6	30.9	30.9	31.6	31.6
10°	49.9	46.7	41.0	36.0	32.2	28.4	26.5	24.6	24.6	24.6	25.3
12.5°	49.2	44.8	37.9	32.8	27.8	23.4	19.6	17.7	18.3	18.3	18.3
15°	48.0	42.9	36.0	29.7	23.4	17.7	14.5	12.6	13.3	13.9	13.3
17.5°	48.0	42.3	33.5	25.9	18.3	13.3	10.7	9.5	9.5	10.1	10.1
20°	48.0	41.0	31.6	22.1	13.9	10.1	7.6	6.9	6.9	8.2	8.8
22.5°	49.2	41.0	29.0	18.3	11.4	7.6	5.7	5.1	5.7	6.9	7.6
25°	51.1	40.4	26.5	16.4	9.5	5.7	4.4	3.2	3.8	5.1	5.7
27.5°	53.0	39.8	24.0	14.5	7.6	4.4	3.2	2.5	1.9	2.5	2.5
30°	54.9	39.8	21.5	12.0	6.3	3.2	1.9	1.3	0.6	0.0	0.0
32.5°	56.2	38.5	19.6	9.5	5.1	2.5	1.3	0.6	0.0	0.0	0.0
35°	57.5	37.2	17.0	7.6	3.8	1.9	0.6	0.0	0.0	0.0	0.0
37.5°	58.7	35.4	14.5	6.3	3.2	1.3	0.0	0.0	0.0	0.0	0.0
40°	60.0	32.8	12.0	5.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	61.2	30.9	10.1	4.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	64.4	29.7	8.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	70.1	28.4	7.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	78.3	27.1	6.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	89.6	26.5	6.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	109.8	25.9	5.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	144.6	25.3	5.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	221.6	24.0	5.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	395.8	23.4	5.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	690.0	24.0	5.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	989.3	25.3	4.4	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	846.6	22.1	4.4	2.5	1.3	0.6	0.0	0.0	0.0	0.0	0.0
71°	690.0	19.6	4.4	2.5	1.3	0.6	0.6	0.0	0.0	0.0	0.0
72.5°	443.8	15.2	3.8	2.5	1.3	1.3	0.6	0.0	0.0	0.0	0.0
75°	187.5	12.6	3.8	2.5	1.9	1.3	1.3	0.6	0.0	0.0	0.0
77.5°	80.2	9.5	3.8	3.2	2.5	1.9	1.9	1.3	0.6	0.0	0.0
80°	30.3	7.6	4.4	3.8	3.2	3.2	2.5	1.3	0.6	0.0	0.0
82.5°	13.9	6.3	4.4	3.8	3.8	3.2	2.5	1.9	1.3	0.0	0.0
85°	8.8	5.7	4.4	3.8	3.8	3.2	3.2	1.9	1.3	0.0	0.0
87.5°	6.9	5.7	4.4	4.4	3.8	3.8	2.5	1.9	0.6	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: SP1-2407-184-6

Test Date: 10/10/2024

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

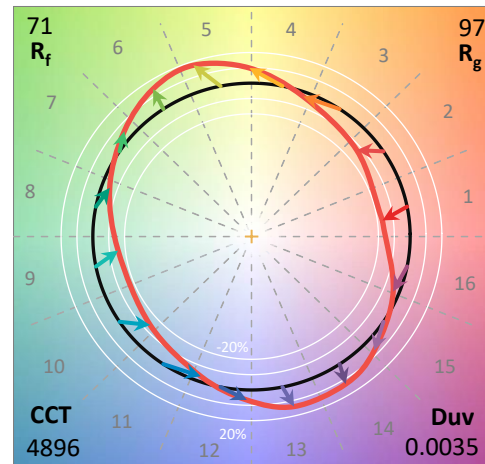
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

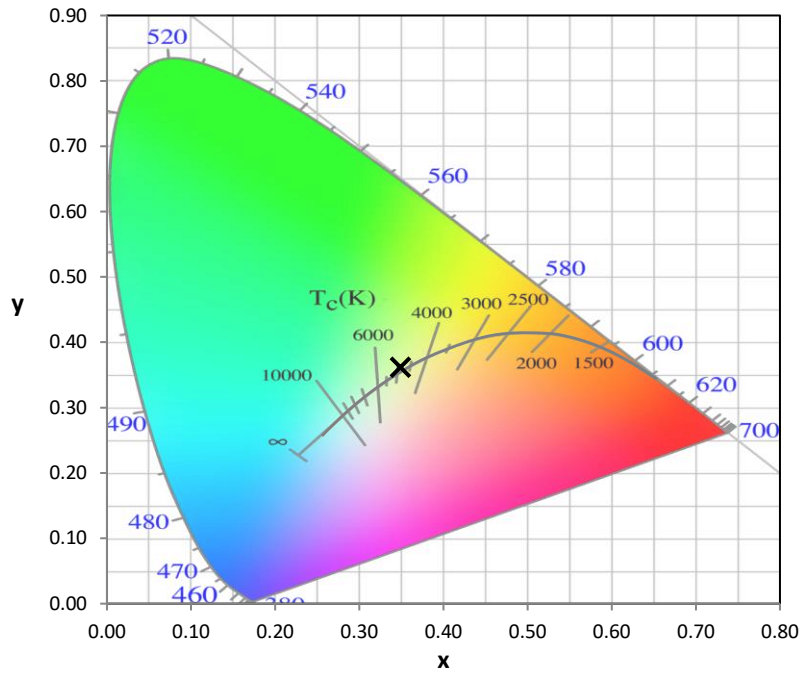
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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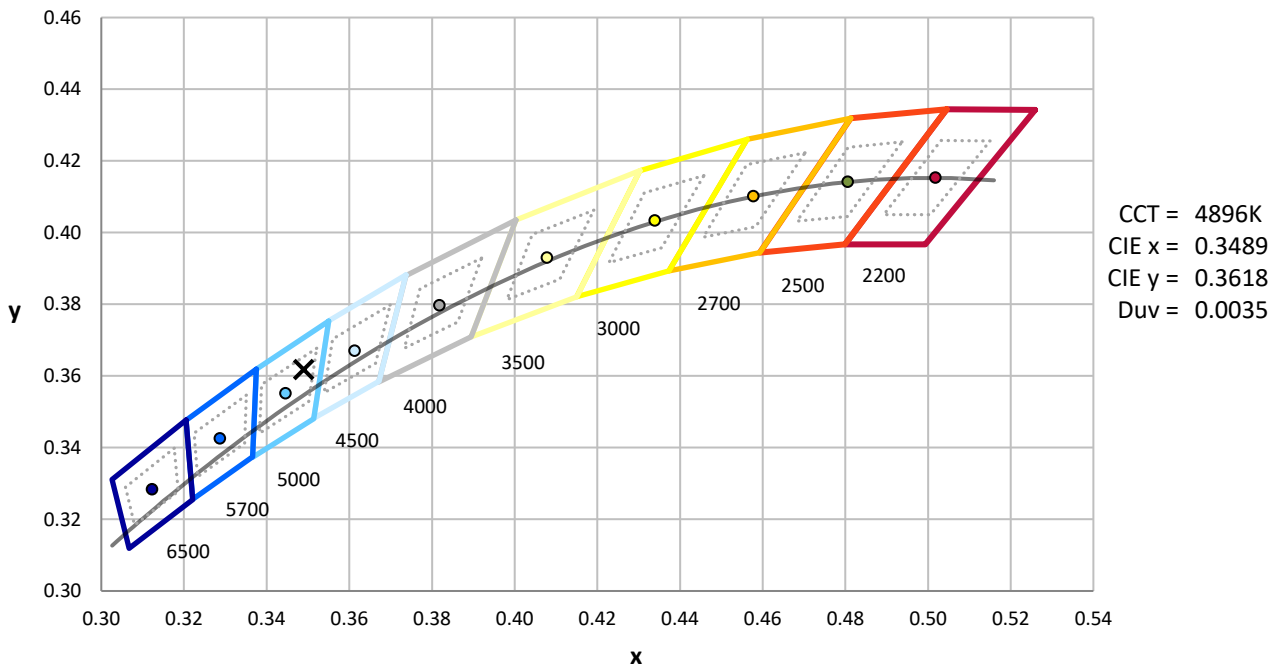
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



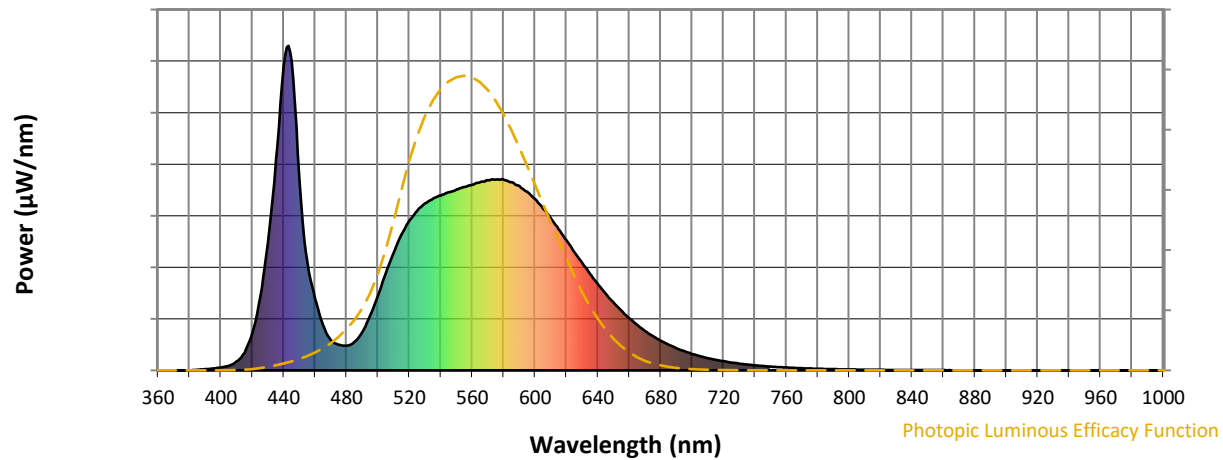
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

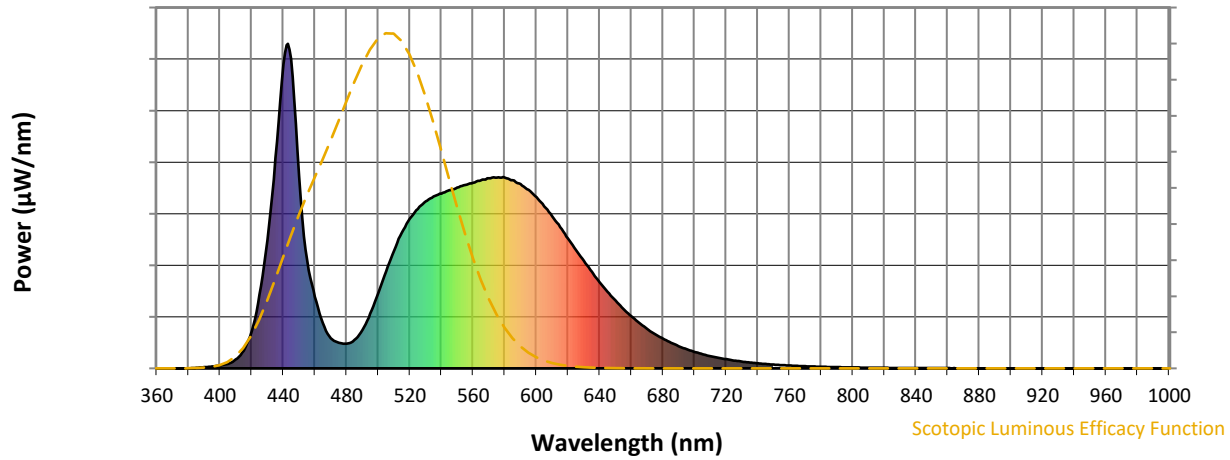


Photopic Lumens: NR

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



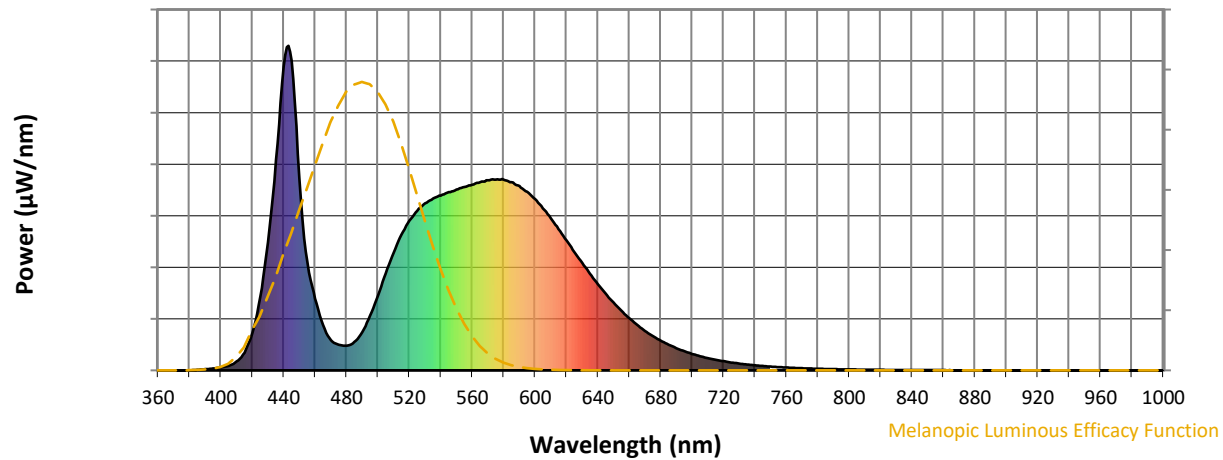
Scotopic Lumens: NR

S/P: 1.7

λ (nm)	Power W ^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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.37

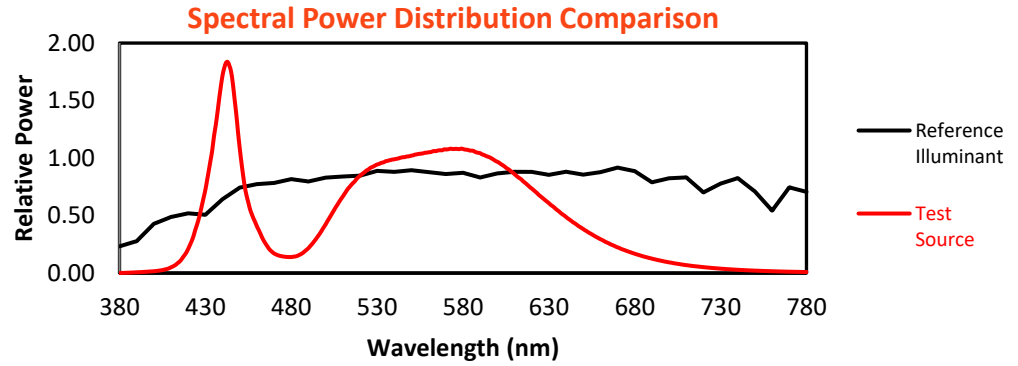
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	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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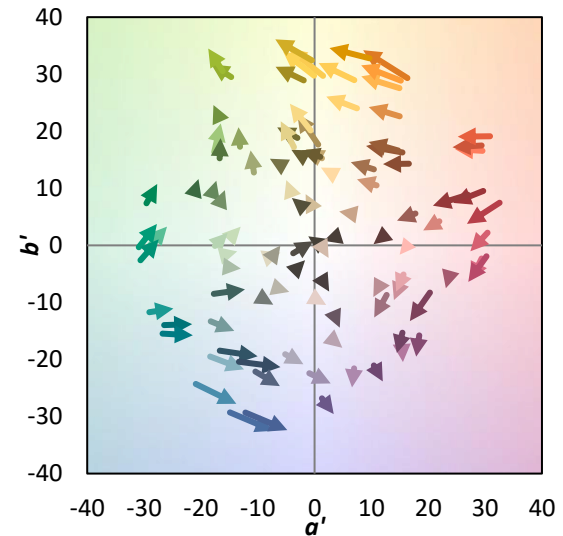
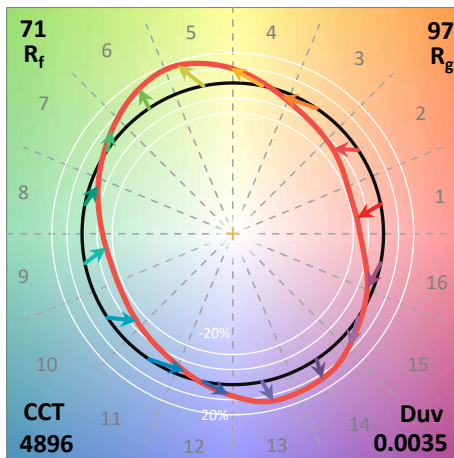
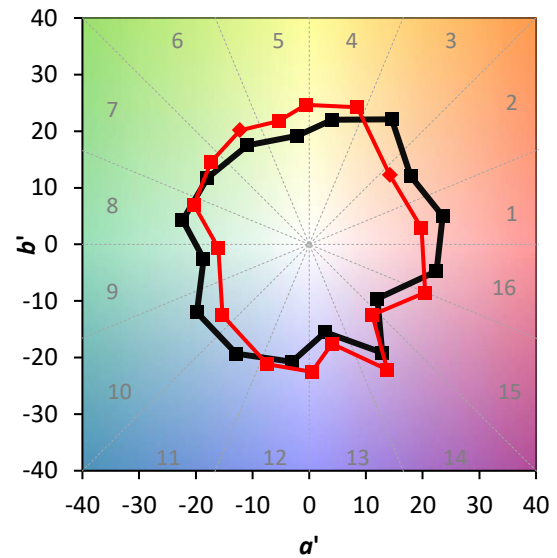
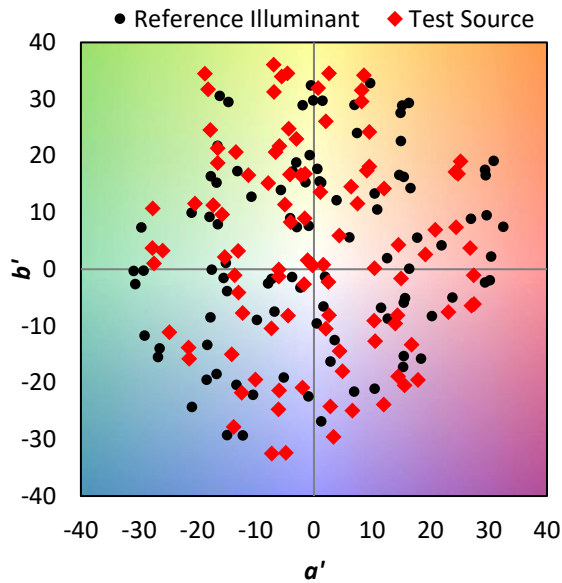
TM-30-18

Summary

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

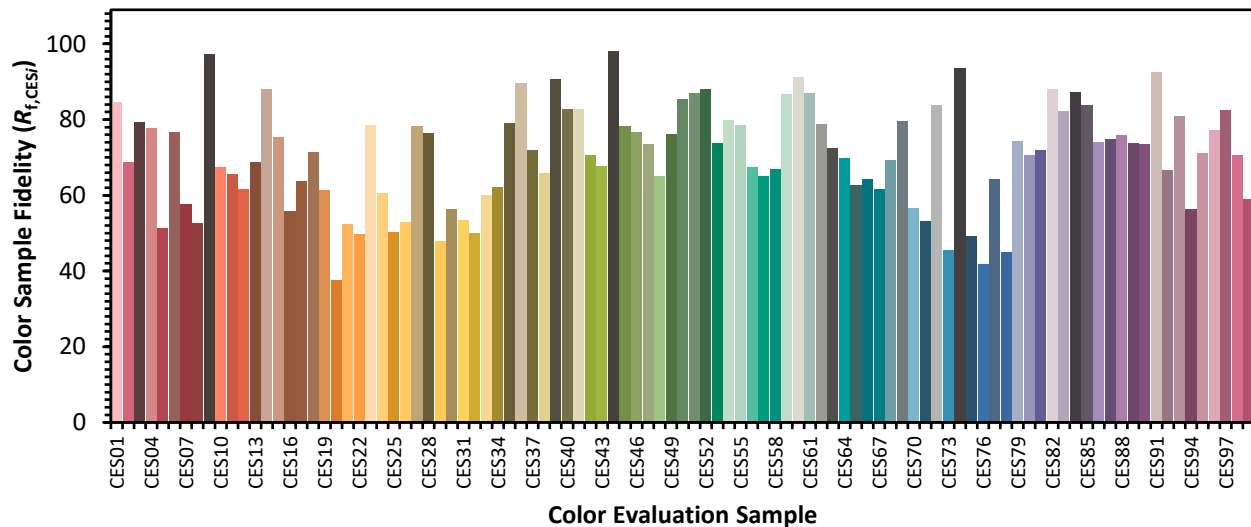


Color Vector Graphics

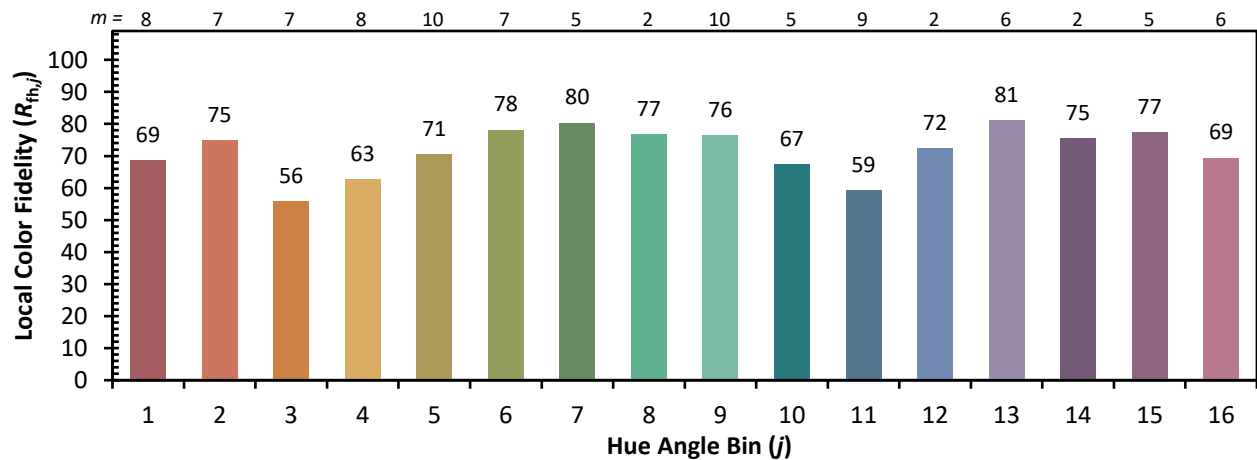
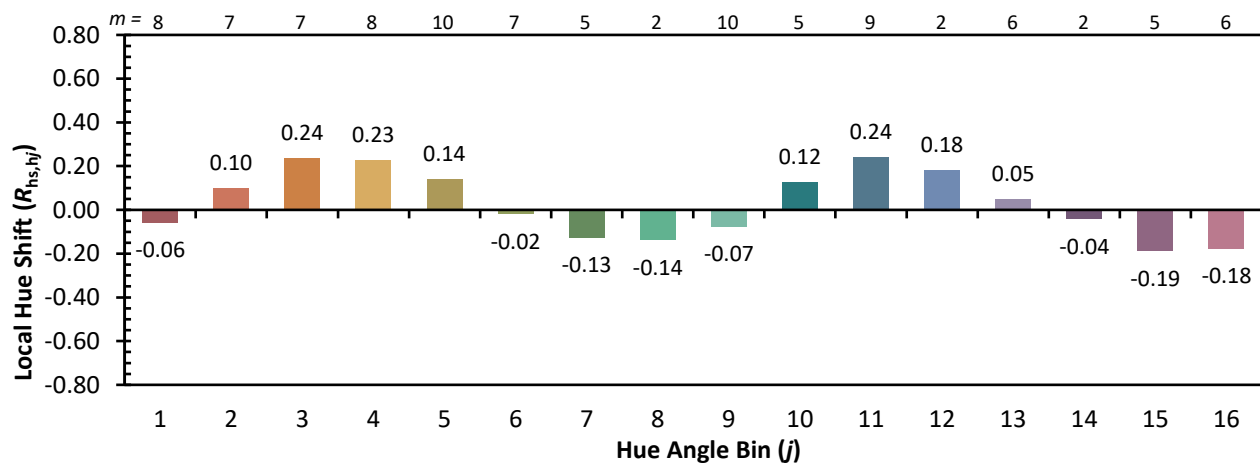
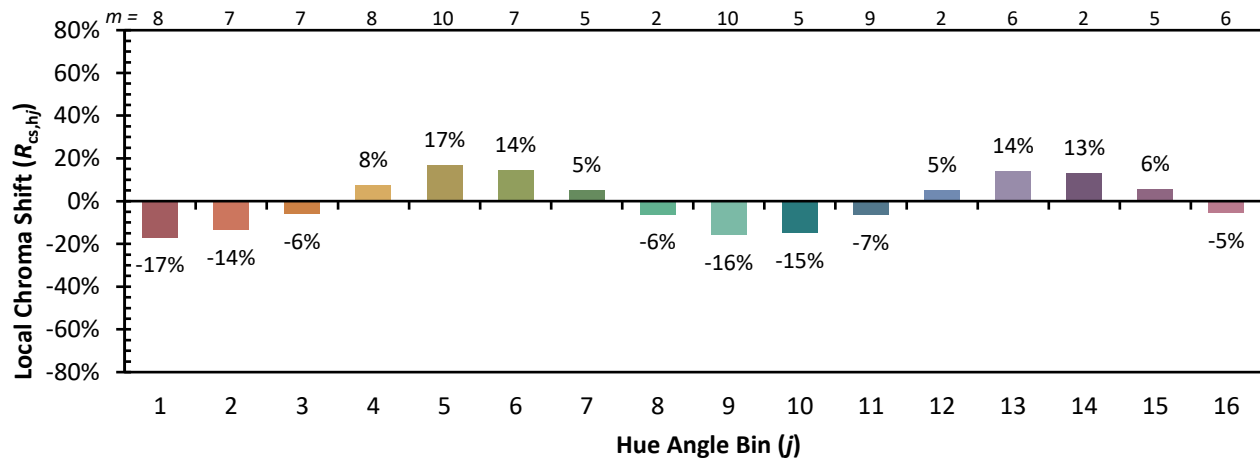


Individual Sample Fidelity Index ($R_{f,i}$)

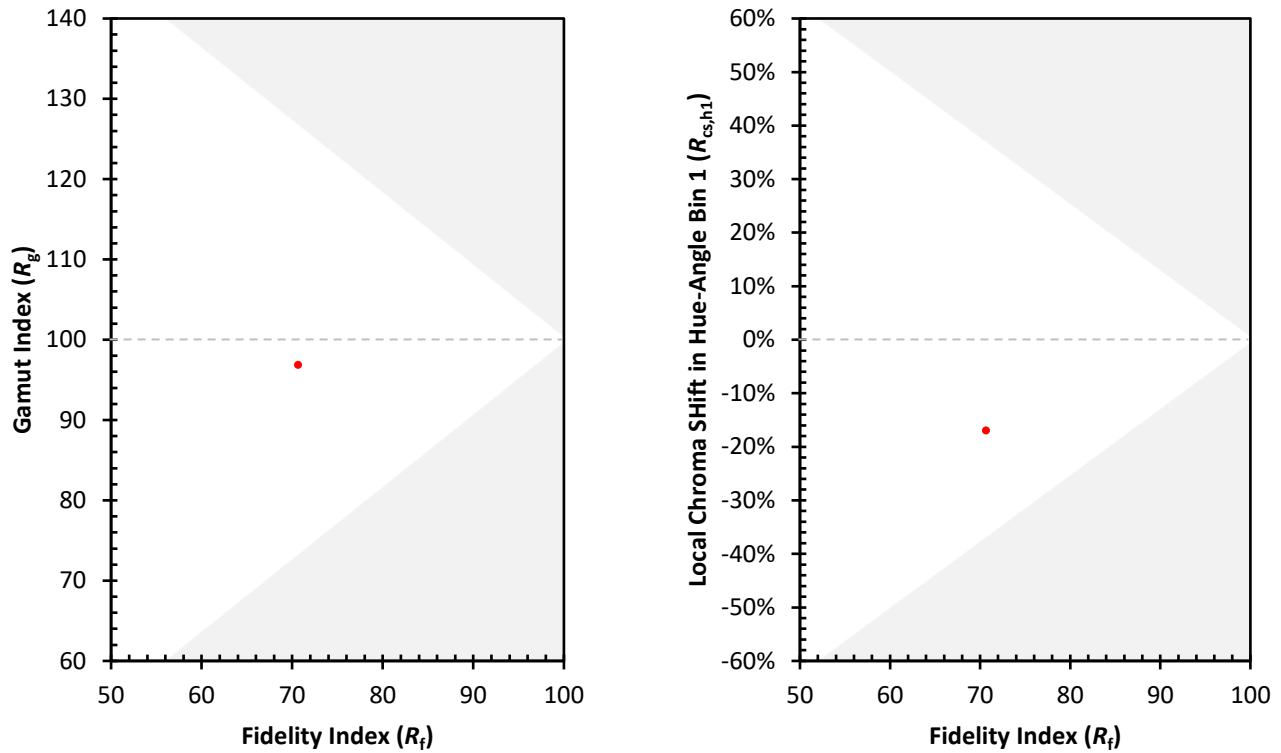
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 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)