

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: P1047833

Luminaire Tested: **GALN-SA8A-750-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047833
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-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28644.2 lumens
Efficiency: N/A
Efficacy: 131.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

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



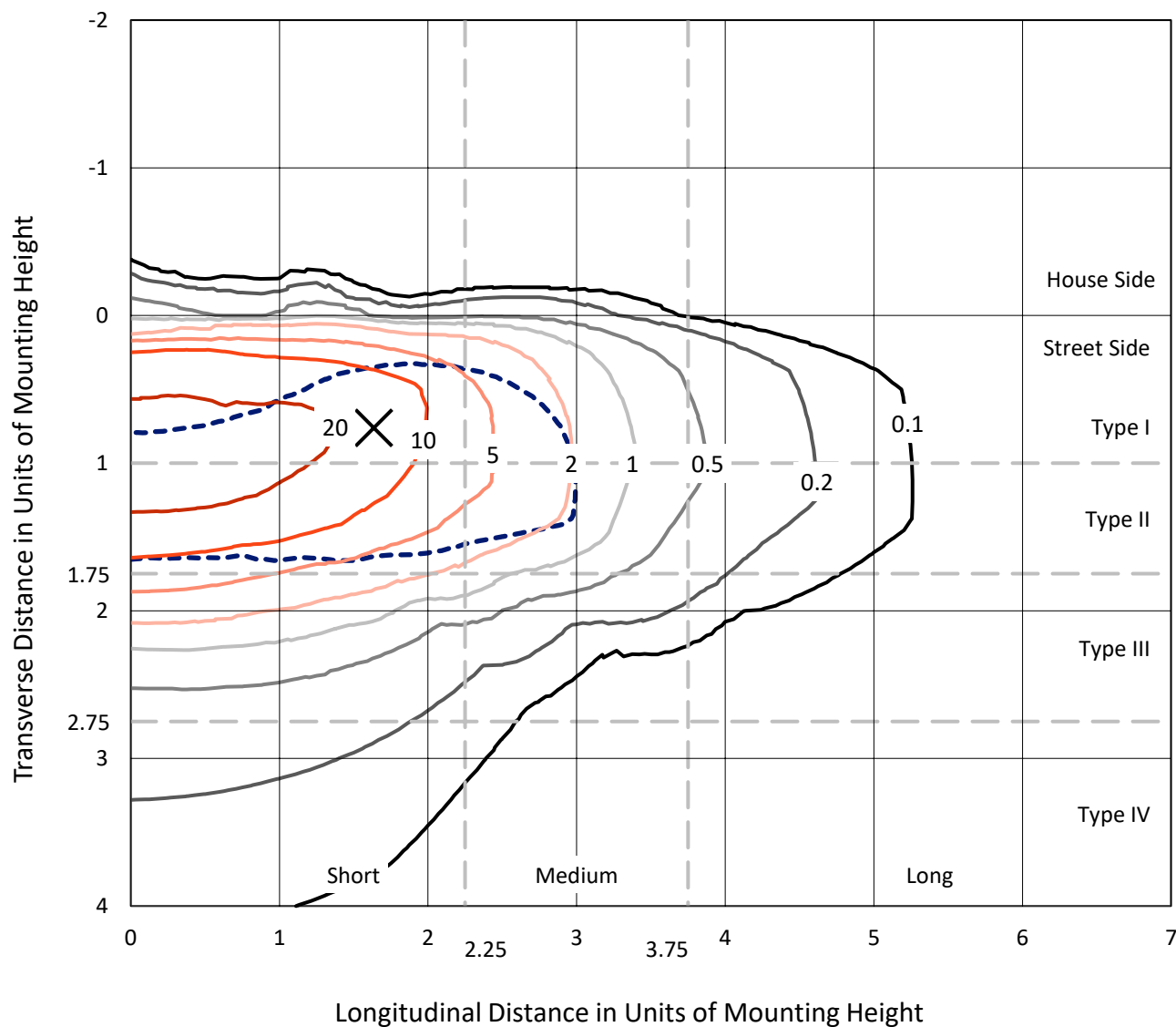
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CATALOG NUMBER: GALN-SA8A-750-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

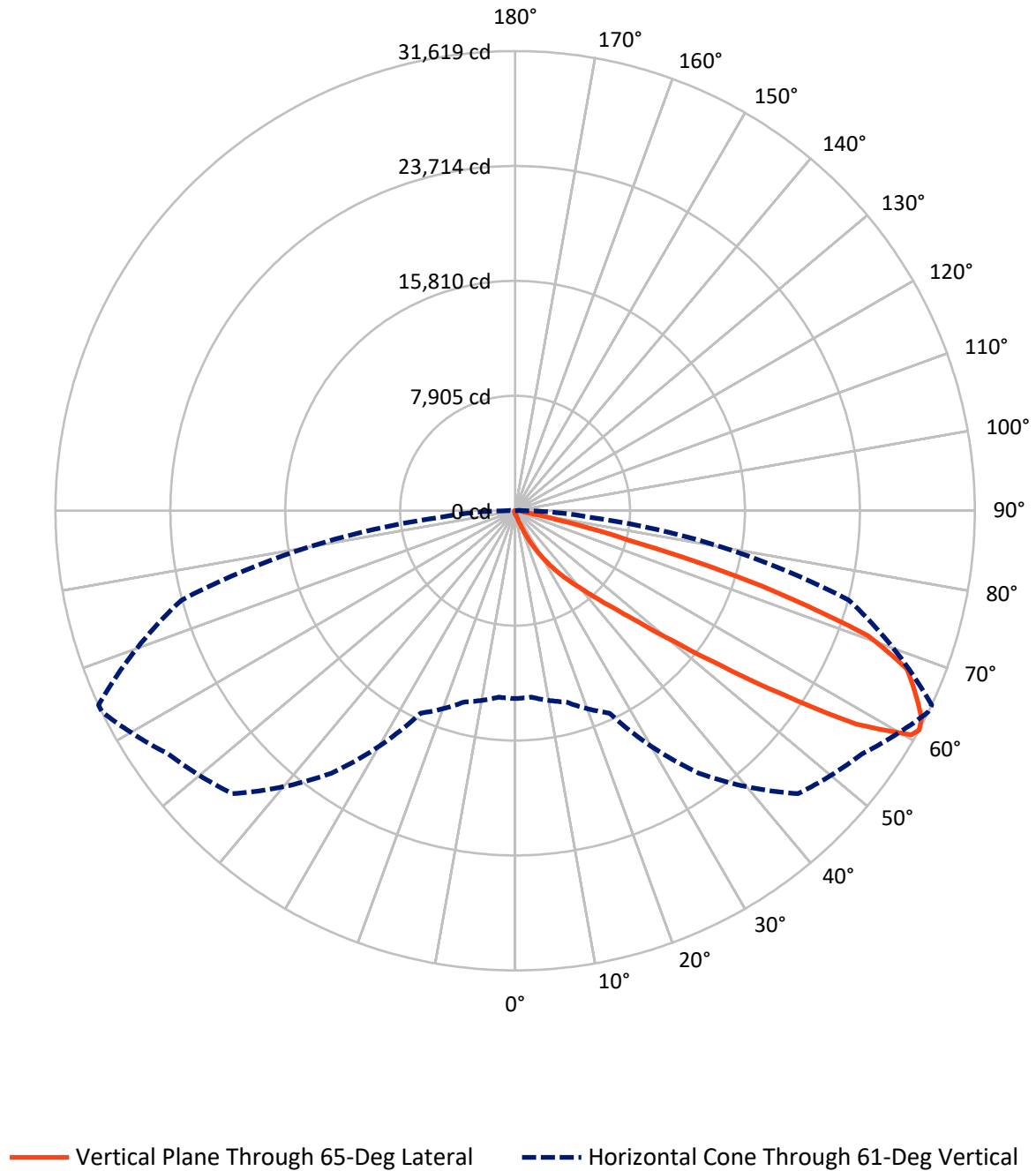


Based on 15 foot mounting height. Maximum calculated value = 37.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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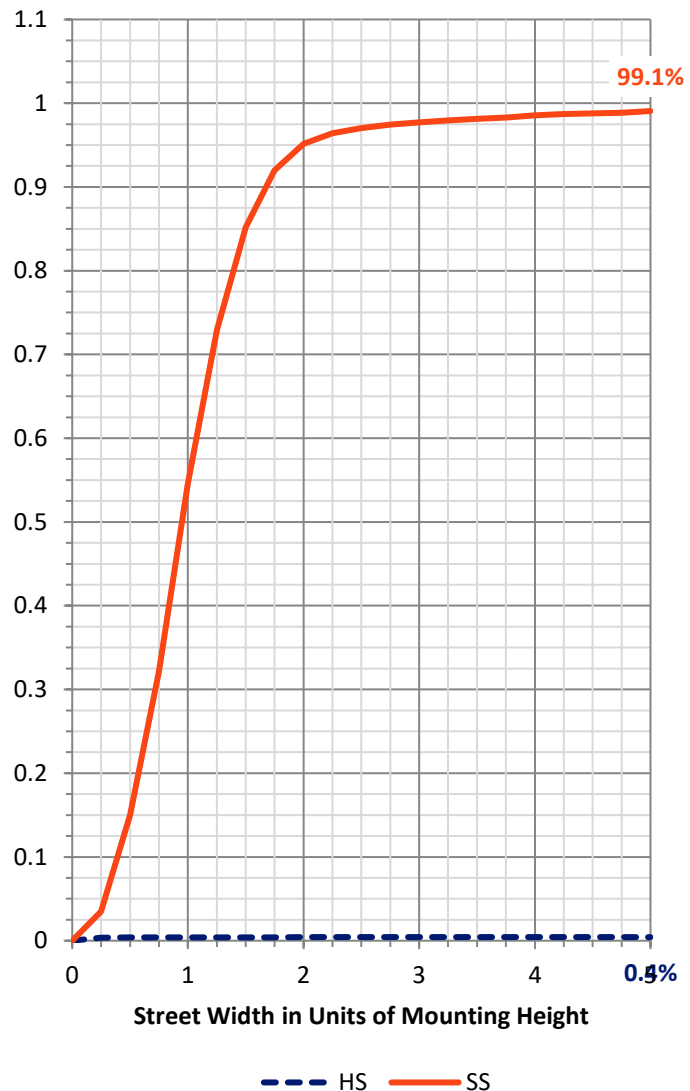
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	122.3	0.0	122.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28522.0	0.0	28522.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	28644.2	0.0	28644.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.3	0.1
10°-20°	235.5	0.8
20°-30°	845.3	3.0
30°-40°	2250.6	7.9
40°-50°	5912.3	20.6
50°-60°	9159.3	32.0
60°-70°	7679.9	26.8
70°-80°	2260.1	7.9
80°-90°	278.8	1.0
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°	28644.2	100.0
0°-180°	28644.2	100.0



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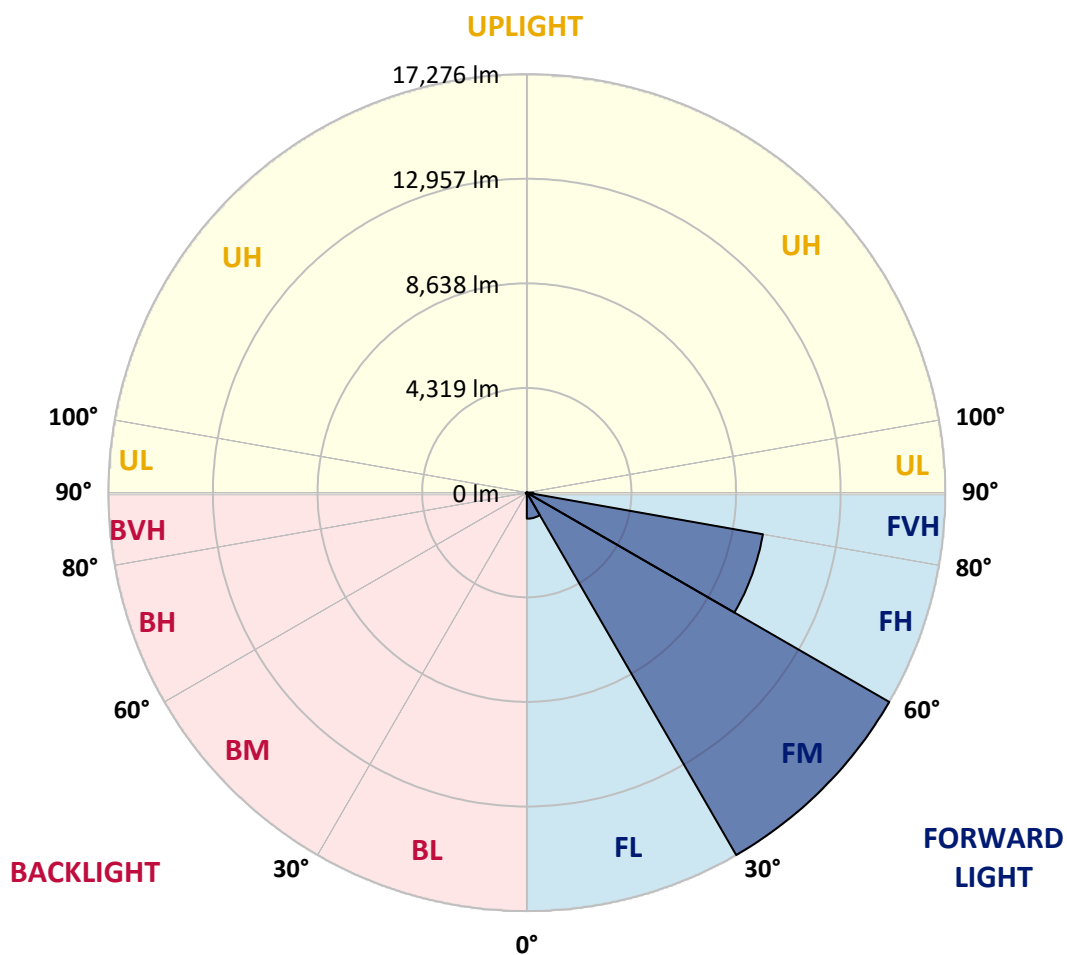
CATALOG NUMBER: GALN-SA8A-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1075.7	3.8			
FM	(30°-60°)	17275.7	60.3			
FH	(60°-80°)	9896.9	34.6			G4/12000
FVH	(80°-90°)	273.6	1.0			G3/500
BL	(0°-30°)	27.4	0.1	B0/110		
BM	(30°-60°)	46.5	0.2	B0/220		
BH	(60°-80°)	43.1	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-G4

Type II Short



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CATALOG NUMBER: GALN-SA8A-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4
2.5°	212.8	214.8	210.8	203.0	197.0	197.0	195.1	189.2	189.2	183.2	179.3
5°	297.5	293.6	285.7	269.9	256.2	242.4	228.6	214.8	212.8	195.1	183.2
7.5°	486.7	490.6	465.0	415.8	374.4	321.2	271.9	242.4	238.4	208.9	185.2
10°	1068.0	1038.4	979.3	788.2	648.3	488.7	362.6	281.8	277.8	224.6	189.2
12.5°	1946.8	1923.1	1814.8	1617.7	1257.1	874.9	530.0	348.8	336.9	238.4	191.1
15°	2805.9	2768.4	2709.3	2510.3	2088.6	1568.5	867.0	476.8	445.3	258.1	189.2
17.5°	3353.6	3359.6	3306.4	3221.6	2949.7	2321.1	1497.5	711.3	650.2	293.6	185.2
20°	3832.5	3818.7	3848.2	3802.9	3611.8	3154.6	2179.3	1127.1	1022.6	350.7	187.2
22.5°	4384.2	4417.7	4439.3	4429.5	4218.7	3828.5	2953.7	1686.7	1554.7	455.2	193.1
25°	5123.1	5119.1	5121.1	5095.5	4890.6	4457.1	3730.0	2382.2	2248.2	624.6	206.9
27.5°	5897.5	5921.1	5931.0	5838.3	5570.4	5144.8	4449.2	3142.8	2985.2	896.5	224.6
30°	6955.6	6935.9	6890.5	6701.4	6376.3	5848.2	5158.5	3940.8	3775.3	1276.8	252.2
32.5°	8382.1	8360.5	8131.9	7714.2	7227.5	6581.2	5871.8	4740.8	4539.8	1751.7	289.7
35°	10732.9	10766.4	10204.8	9123.0	8250.1	7462.0	6662.0	5536.9	5359.5	2336.9	340.9
37.5°	14332.8	14149.6	13387.0	11475.7	9595.9	8561.5	7416.6	6340.8	6187.1	3058.1	407.9
40°	17830.3	17649.0	17428.3	15617.5	11934.8	9773.3	8472.8	7284.6	7085.6	3871.9	506.4
42.5°	21507.1	21406.6	21396.7	20031.2	16202.7	11678.7	9743.7	8390.0	8220.6	4764.5	668.0
45°	24112.0	24011.5	24222.3	24460.7	22015.5	15761.4	11956.5	9826.5	9580.2	5848.2	926.1
47.5°	24462.7	24466.7	25030.2	25777.0	26334.6	22076.5	14904.2	11729.9	11430.4	7398.9	1359.6
50°	23296.2	23341.5	24238.1	25574.0	27075.5	27375.0	20102.2	14492.4	14049.1	9237.3	1974.4
52.5°	21075.6	21126.8	22376.0	24573.1	26393.7	28647.9	26222.3	18106.1	17595.8	11530.9	2841.3
55°	19075.6	19107.1	20539.6	23315.9	25572.1	27956.3	29855.7	22931.7	22261.8	14352.5	3696.5
57.5°	17095.3	17022.4	17954.4	21132.7	25432.2	27107.0	30391.7	28431.1	27692.2	17436.2	4362.5
60°	14447.1	14324.9	15073.7	17095.3	23591.8	27664.6	29388.7	31473.4	31306.0	21729.7	4876.8
61°	12924.0	12872.7	13625.4	15359.4	22043.0	27522.8	29148.4	31601.5	31619.3	23761.2	5107.3
62.5°	9229.4	9375.2	10526.0	12780.1	18462.8	26602.6	29179.9	31205.5	31380.8	26460.7	5704.4
65°	4102.4	4336.9	5231.5	7065.9	10736.8	22129.7	28900.1	30336.5	30249.8	27201.6	7761.5
67.5°	2433.5	2468.9	2914.2	4003.9	5686.6	11903.3	25503.1	29187.8	29071.5	23680.5	9657.0
70°	1917.2	1934.9	2076.8	2512.3	3300.4	4559.5	14555.5	25252.8	25759.2	19201.7	9454.1
72.5°	1818.7	1814.8	1834.5	1911.3	2078.8	2262.0	5635.4	16786.0	17816.5	13828.4	7927.0
75°	1795.0	1787.2	1767.5	1737.9	1505.4	1332.0	1745.8	7424.5	8021.6	9448.1	5968.4
77.5°	1741.8	1743.8	1747.8	1667.0	1290.6	941.9	845.3	2382.2	2930.0	5996.0	4242.3
80°	1178.3	1196.0	1225.6	1194.1	1160.6	681.8	597.0	847.3	859.1	3365.5	2801.9
82.5°	597.0	597.0	583.2	520.2	449.3	443.3	474.9	614.8	622.7	1702.4	1318.2
85°	360.6	380.3	388.2	352.7	323.1	297.5	362.6	488.7	506.4	660.1	307.4
87.5°	80.8	82.8	90.6	120.2	175.4	238.4	336.9	447.3	455.2	423.6	37.4
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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CATALOG NUMBER: GALN-SA8A-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4
2.5°	177.3	173.4	171.4	165.5	159.6	153.7	149.8	147.8	149.8	151.7	151.7
5°	175.4	169.5	159.6	149.8	141.9	134.0	126.1	124.1	124.1	126.1	126.1
7.5°	175.4	165.5	151.7	139.9	128.1	116.3	110.3	106.4	108.4	108.4	108.4
10°	175.4	163.5	145.8	128.1	114.3	100.5	90.6	86.7	86.7	86.7	86.7
12.5°	173.4	161.6	139.9	118.2	98.5	82.8	70.9	65.0	67.0	67.0	67.0
15°	169.5	155.7	132.0	100.5	78.8	63.1	51.2	45.3	47.3	51.2	53.2
17.5°	163.5	149.8	118.2	84.7	63.1	47.3	35.5	31.5	33.5	39.4	39.4
20°	161.6	143.8	104.4	69.0	47.3	33.5	23.6	19.7	21.7	29.6	31.5
22.5°	161.6	139.9	94.6	57.1	35.5	21.7	13.8	7.9	7.9	13.8	13.8
25°	163.5	137.9	86.7	47.3	25.6	15.8	7.9	3.9	7.9	21.7	25.6
27.5°	167.5	136.0	82.8	39.4	19.7	13.8	5.9	13.8	23.6	23.6	23.6
30°	171.4	132.0	76.8	33.5	17.7	9.9	9.9	19.7	19.7	23.6	25.6
32.5°	177.3	130.0	72.9	29.6	13.8	7.9	13.8	11.8	11.8	13.8	15.8
35°	189.2	132.0	69.0	29.6	13.8	9.9	11.8	5.9	3.9	3.9	3.9
37.5°	204.9	134.0	63.1	25.6	11.8	11.8	5.9	0.0	0.0	0.0	0.0
40°	230.5	139.9	59.1	23.6	9.9	9.9	2.0	0.0	0.0	0.0	0.0
42.5°	273.9	151.7	57.1	21.7	9.9	7.9	0.0	0.0	0.0	0.0	0.0
45°	360.6	179.3	53.2	19.7	9.9	3.9	0.0	0.0	0.0	0.0	0.0
47.5°	518.2	244.3	51.2	15.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	756.6	331.0	49.3	13.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	965.5	348.8	33.5	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	989.1	240.4	25.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	788.2	155.7	21.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	597.0	118.2	19.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	573.4	106.4	19.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	632.5	92.6	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1028.6	76.8	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1787.2	67.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2258.1	63.1	11.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1968.4	57.1	11.8	3.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1184.2	49.3	11.8	7.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	620.7	37.4	11.8	9.9	5.9	2.0	0.0	0.0	0.0	0.0	0.0
80°	301.5	33.5	13.8	9.9	7.9	3.9	0.0	0.0	0.0	0.0	0.0
82.5°	118.2	27.6	15.8	13.8	9.9	5.9	2.0	0.0	0.0	0.0	0.0
85°	53.2	23.6	17.7	15.8	13.8	7.9	2.0	0.0	0.0	0.0	0.0
87.5°	27.6	21.7	19.7	17.7	13.8	9.9	3.9	0.0	0.0	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

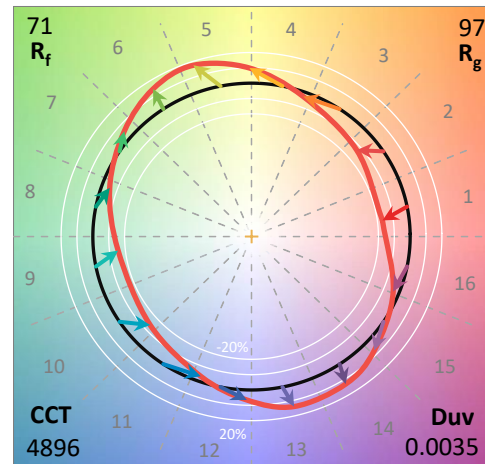
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

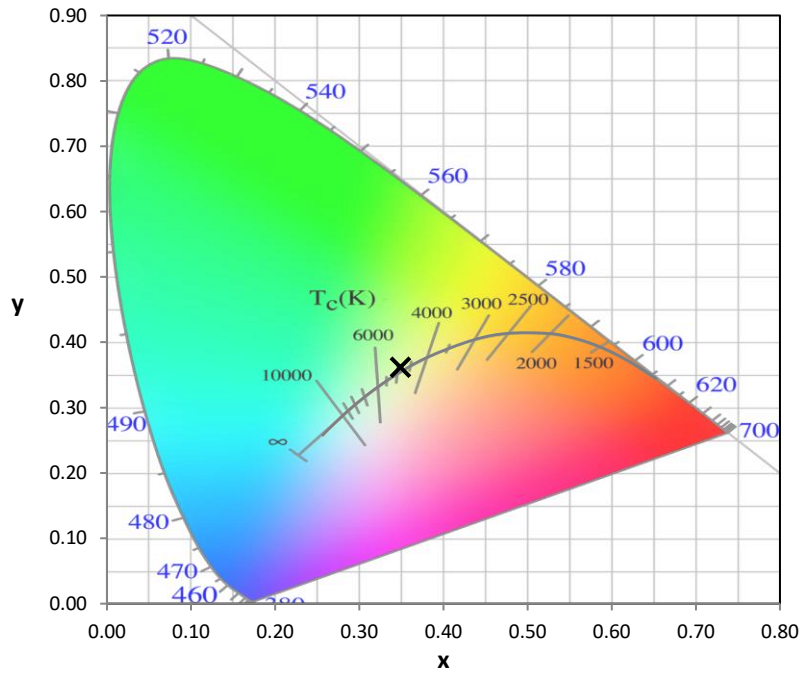
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

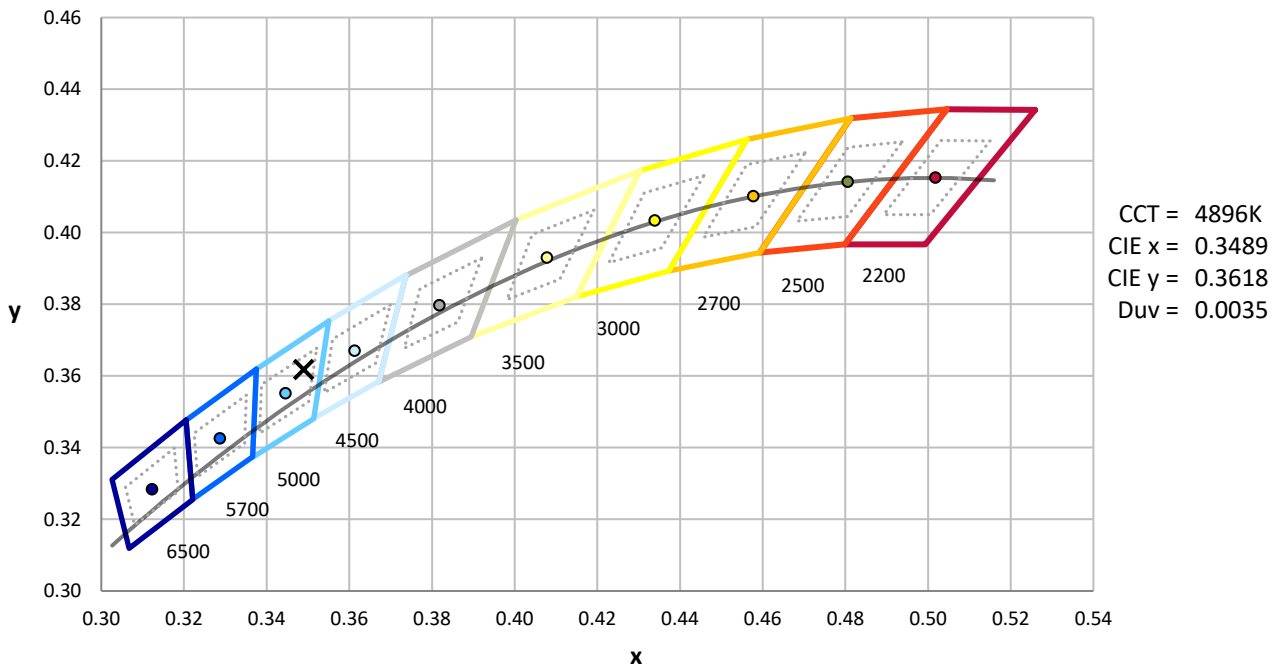
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



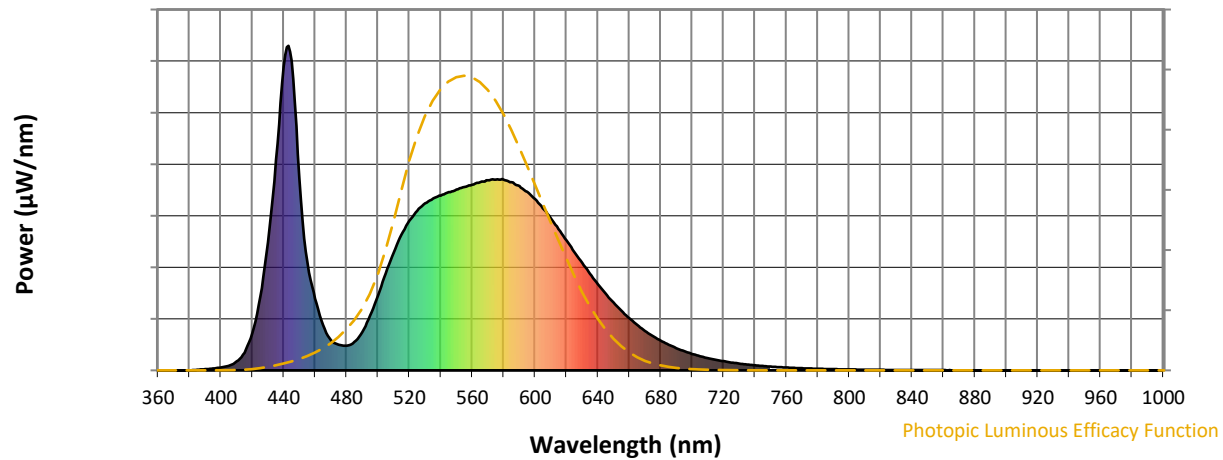
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

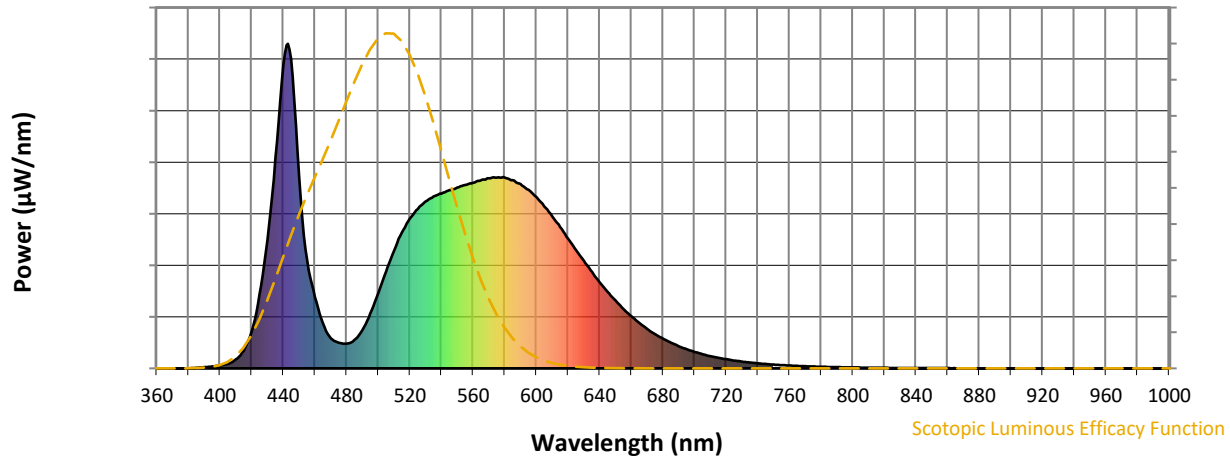


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Scotopic Flux vs. Wavelength



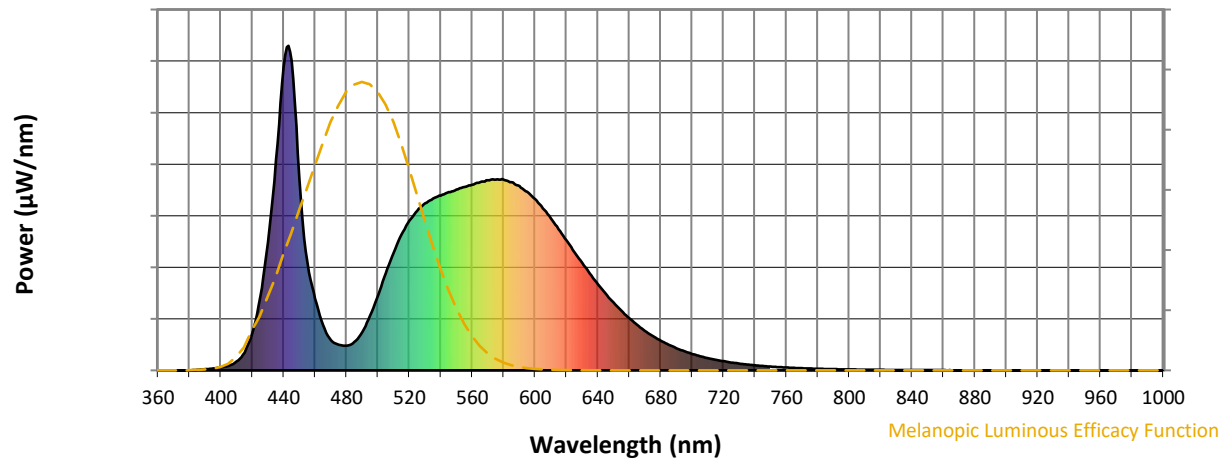
Scotopic Lumens: NR

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

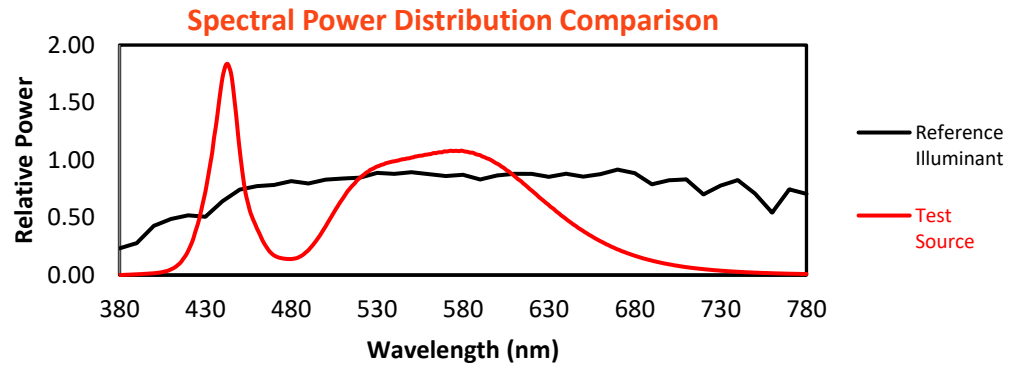
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	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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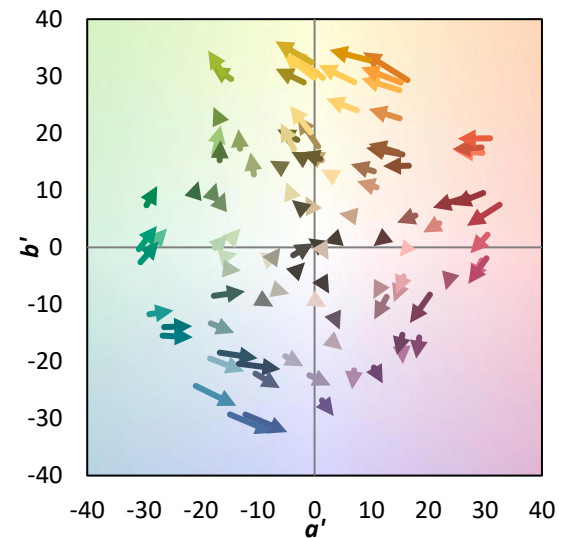
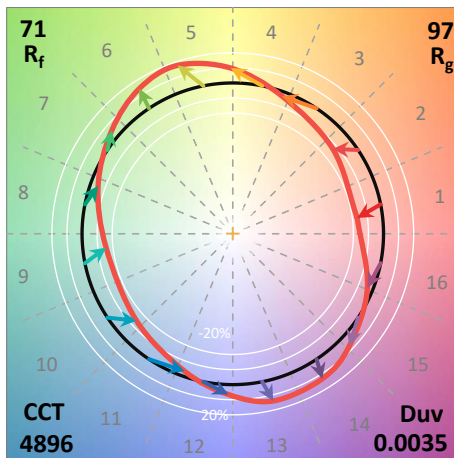
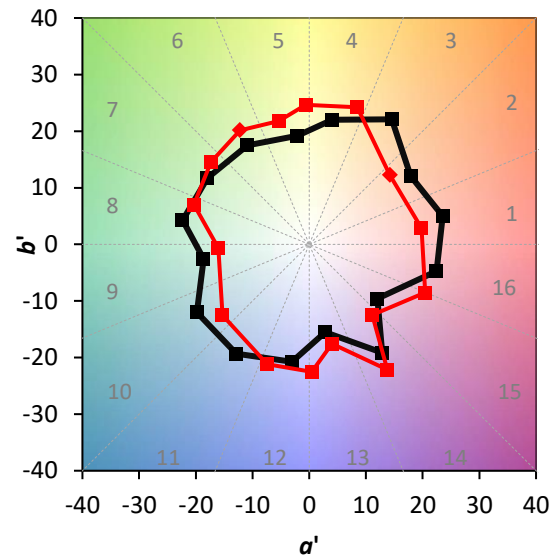
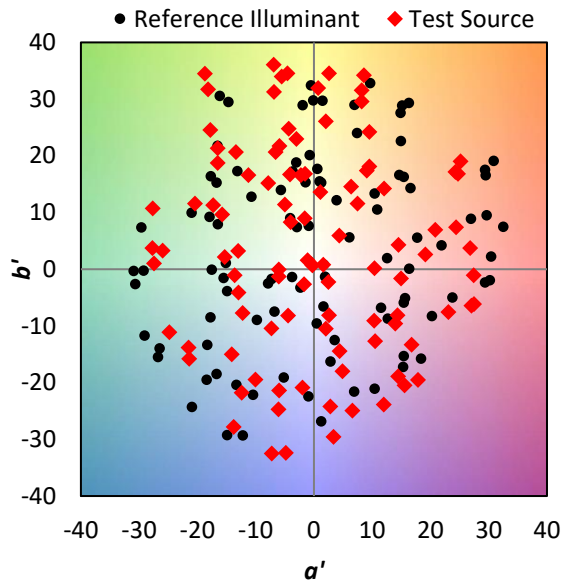
TM-30-18

Summary

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

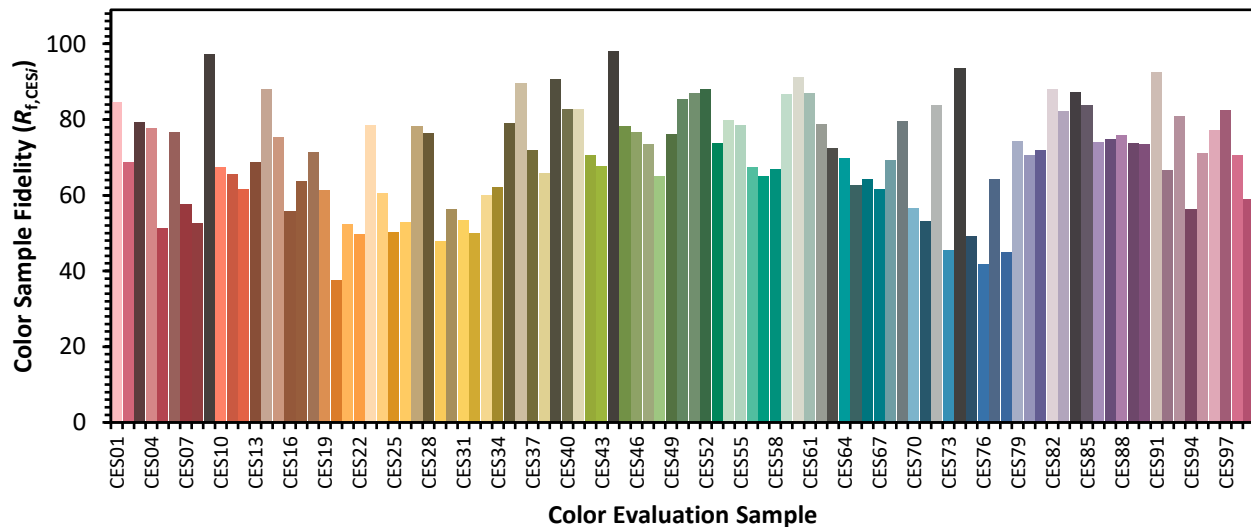


Color Vector Graphics

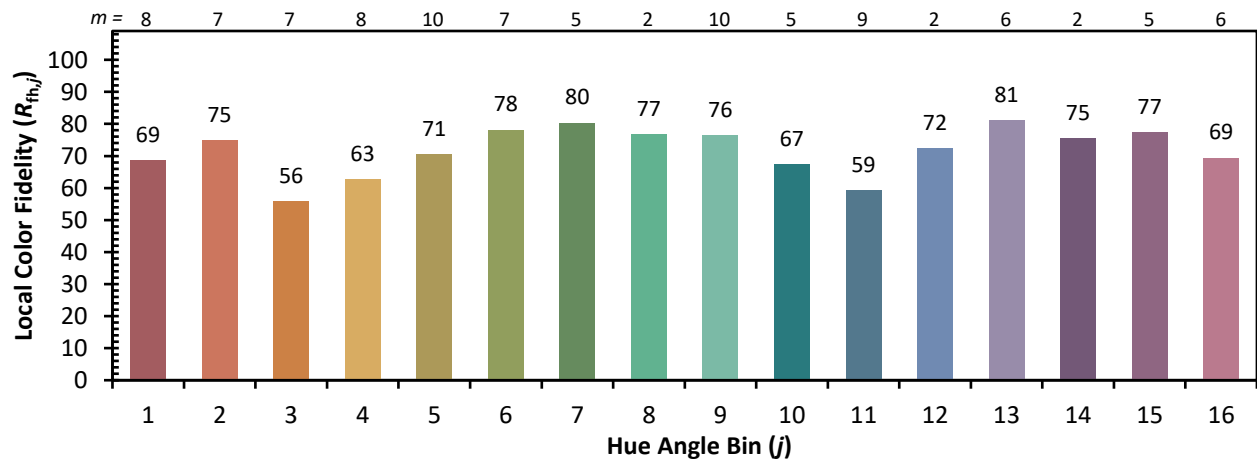
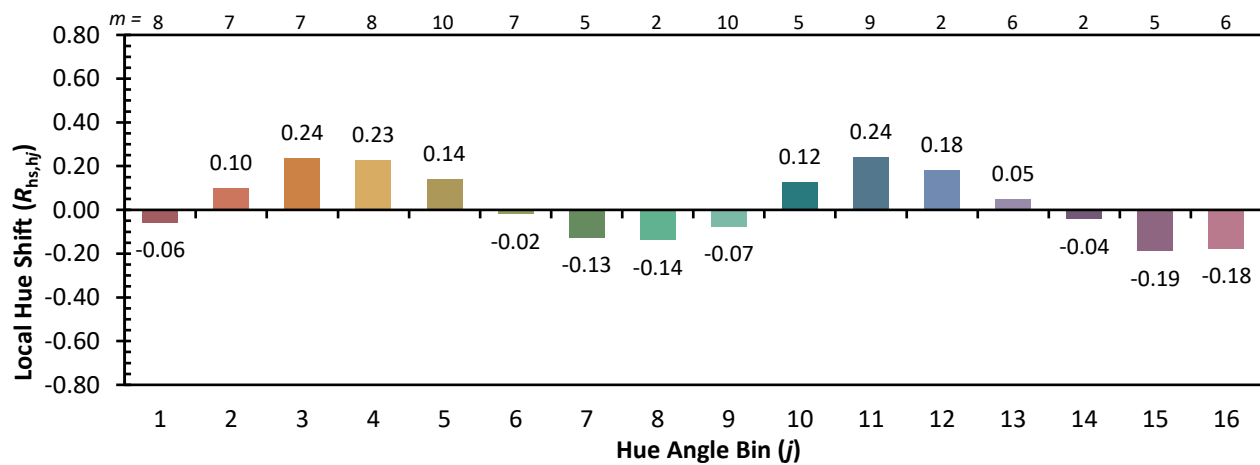
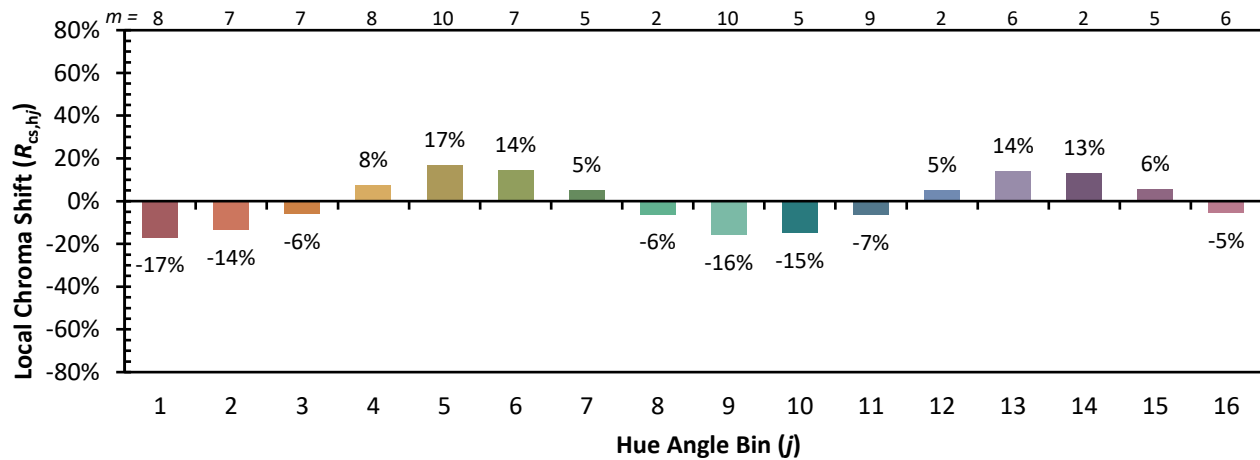


Individual Sample Fidelity Index ($R_{f,i}$)

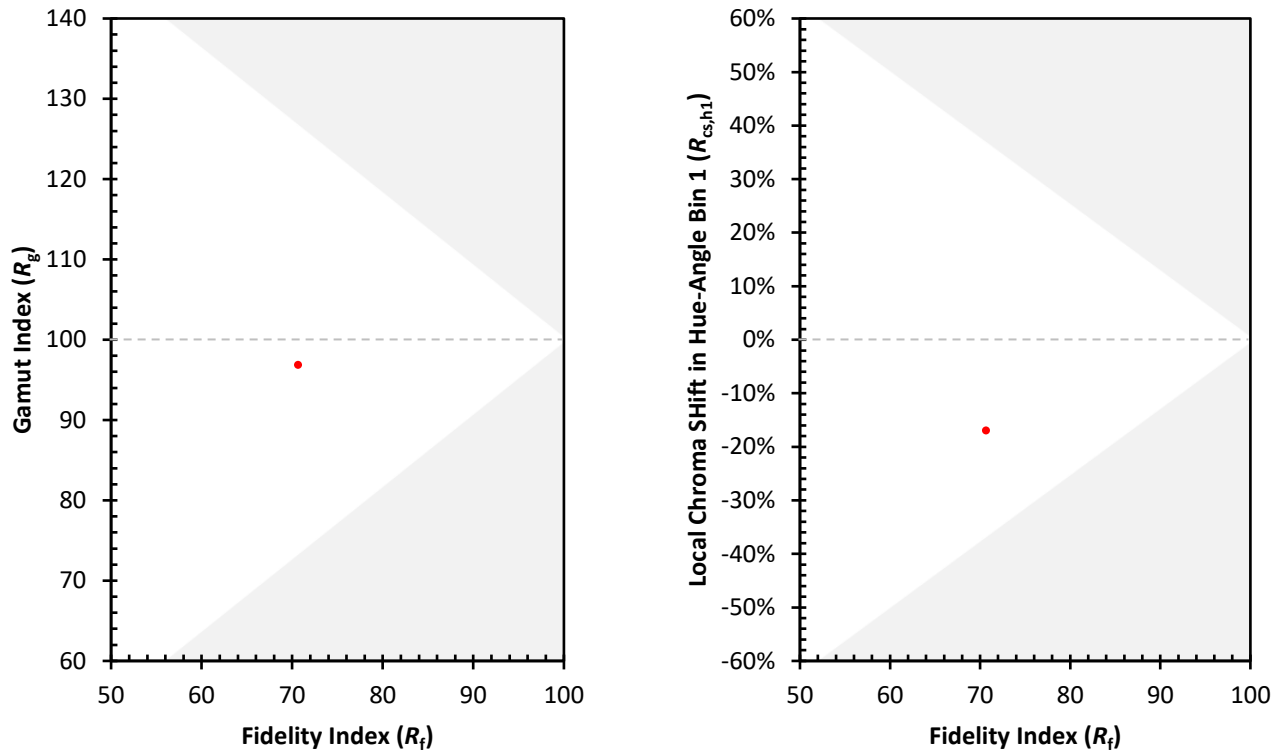
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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