

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: P1047618

Luminaire Tested: **GALN-SA8B-950-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047618
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-950-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29627 lumens
Efficiency: N/A
Efficacy: 104.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 282.8
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

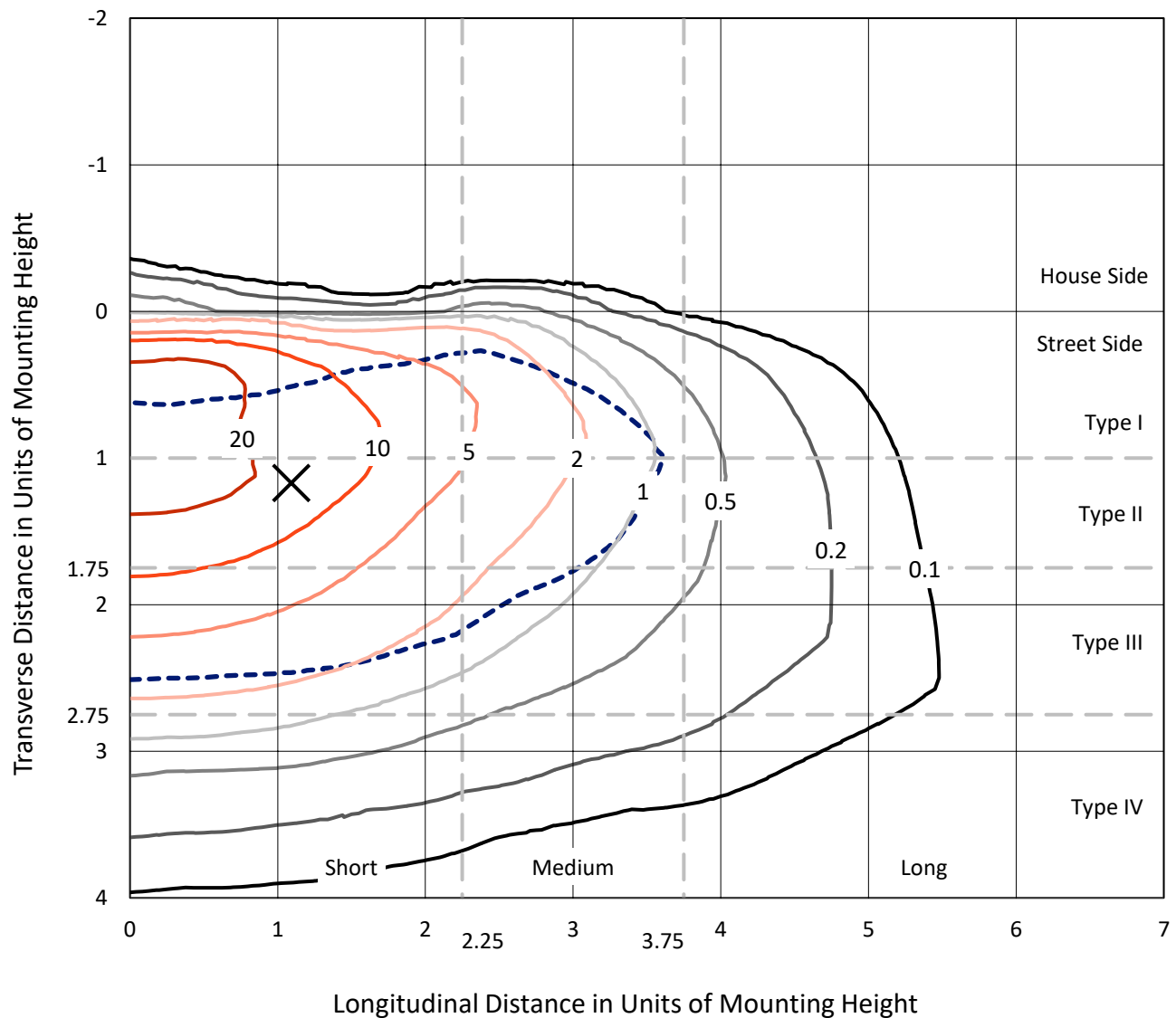


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CATALOG NUMBER: GALN-SA8B-950-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

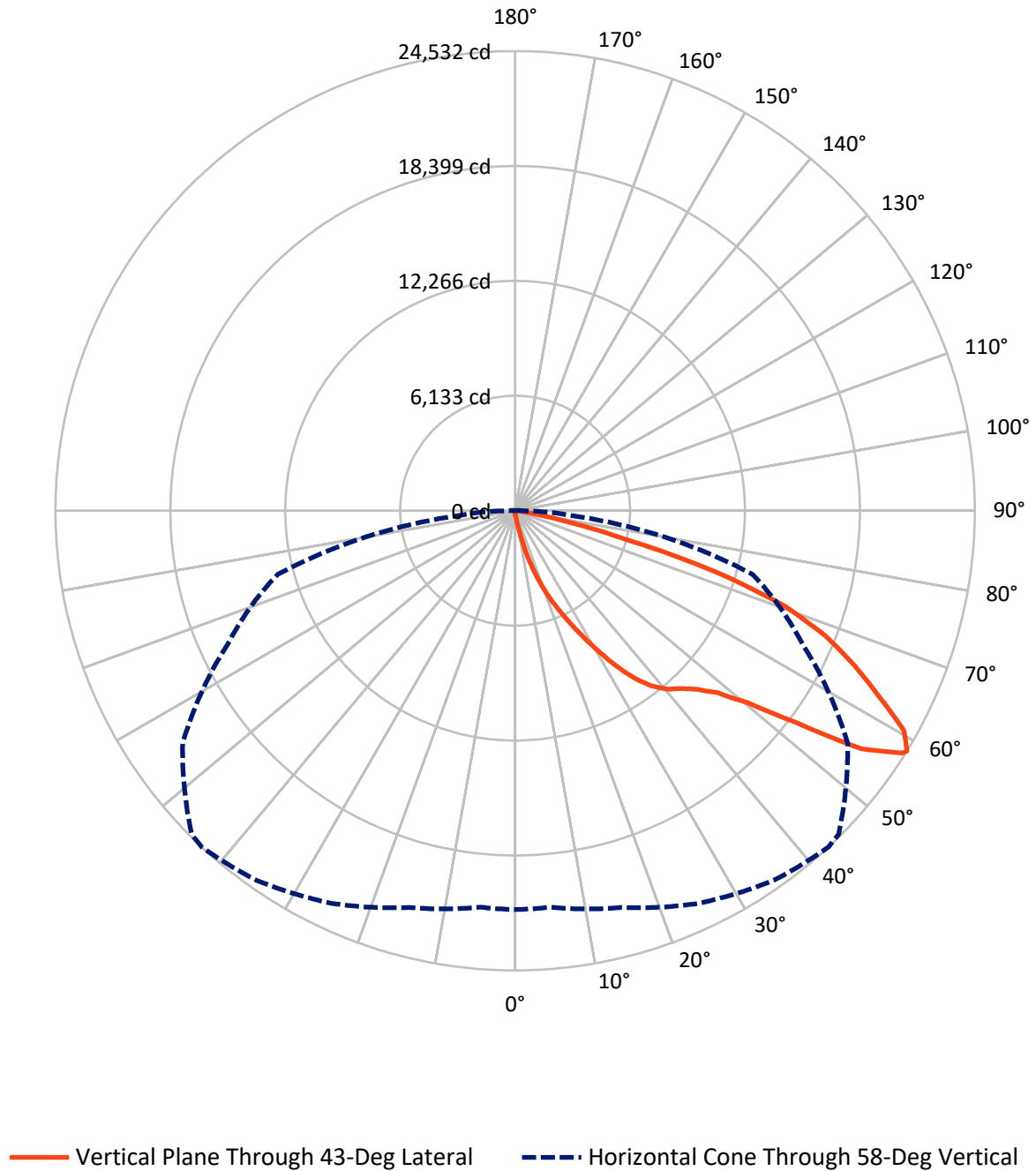


Based on 15 foot mounting height. Maximum calculated value = 33.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	108.1	0.0	108.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29518.9	0.0	29518.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	29627.0	0.0	29627.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.4	0.1
10°-20°	340.6	1.1
20°-30°	1227.5	4.1
30°-40°	2808.4	9.5
40°-50°	4736.8	16.0
50°-60°	7816.8	26.4
60°-70°	8736.3	29.5
70°-80°	3607.1	12.2
80°-90°	325.2	1.1
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°	29627.0	100.0
0°-180°	29627.0	100.0



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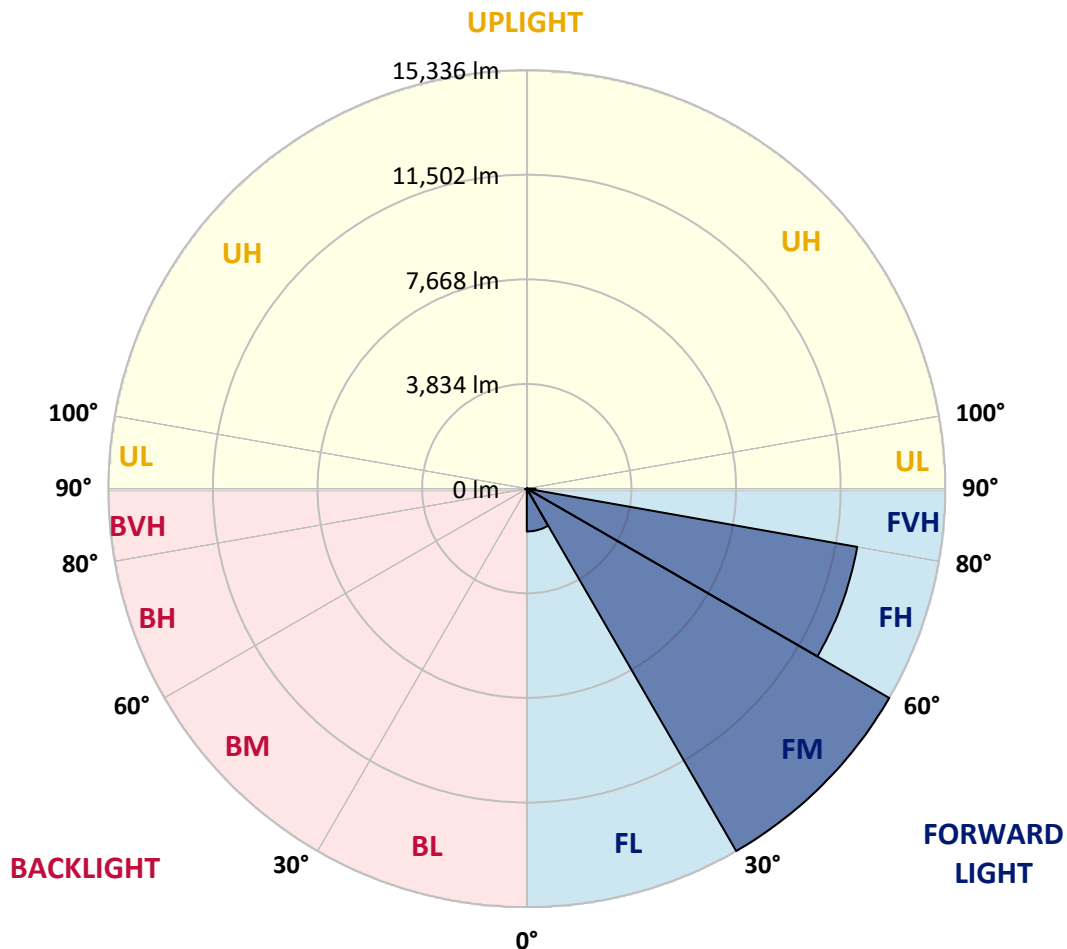
CATALOG NUMBER: GALN-SA8B-950-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1568.2	5.3			
FM	(30°-60°)	15336.1	51.8			
FH	(60°-80°)	12293.8	41.5			G5
FVH	(80°-90°)	320.7	1.1			G3/500
BL	(0°-30°)	28.2	0.1	B0/110		
BM	(30°-60°)	25.9	0.1	B0/220		
BH	(60°-80°)	49.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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-G5

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	193.7	193.7	193.7	193.7	193.7	193.7	193.7	193.7	193.7	193.7	193.7
2.5°	232.5	240.2	232.5	232.5	232.5	224.7	224.7	217.0	217.0	209.2	201.5
5°	340.9	340.9	317.7	302.2	286.7	279.0	271.2	255.7	240.2	224.7	209.2
7.5°	759.4	759.4	689.6	596.6	472.7	402.9	387.4	317.7	271.2	240.2	209.2
10°	1813.2	1813.2	1658.2	1402.5	1084.8	805.9	720.6	457.2	325.4	255.7	217.0
12.5°	3014.2	3053.0	2859.3	2533.8	2061.2	1573.0	1402.5	836.9	433.9	279.0	217.0
15°	4091.3	3998.3	3944.1	3634.1	3184.7	2603.6	2386.6	1410.3	627.6	317.7	217.0
17.5°	4819.7	4819.7	4742.2	4533.0	4122.3	3610.9	3432.7	2278.1	1015.1	364.2	224.7
20°	5672.0	5672.0	5532.6	5385.3	5021.2	4587.2	4416.8	3239.0	1573.0	464.9	224.7
22.5°	6702.6	6718.1	6563.1	6299.7	5951.0	5470.6	5323.3	4130.1	2278.1	619.9	232.5
25°	7957.9	7973.4	7748.7	7500.7	6966.1	6446.9	6222.2	5152.9	3138.2	867.9	232.5
27.5°	9344.9	9453.4	9120.2	8694.0	8128.4	7477.5	7307.0	6075.0	3990.6	1224.3	248.0
30°	11072.9	11072.9	10631.2	10034.6	9422.4	8616.5	8399.6	7043.6	4897.2	1697.0	263.5
32.5°	12560.6	12444.4	11878.7	11251.1	10600.2	9848.6	9616.1	8058.6	5827.0	2285.9	294.5
35°	13699.7	13598.9	12901.6	12227.4	11661.8	10972.1	10693.2	9159.0	6811.1	2952.3	340.9
37.5°	14676.0	14637.3	13691.9	12847.3	12475.4	11871.0	11623.0	10197.3	7779.7	3672.9	395.2
40°	15745.3	15621.4	14614.0	13568.0	13010.0	12521.9	12297.2	11034.1	8709.5	4517.5	472.7
42.5°	16659.7	16512.5	15605.9	14583.0	13629.9	12971.3	12754.3	11739.3	9616.1	5362.1	573.4
45°	17674.8	17597.3	16682.9	15908.1	14637.3	13583.5	13296.8	12304.9	10445.2	6369.4	705.1
47.5°	19201.3	19061.8	18209.4	17574.0	16101.8	14513.3	14102.6	12886.1	11243.3	7361.3	906.6
50°	20975.7	20882.7	20379.1	19875.4	18410.9	16101.8	15613.6	13722.9	12134.4	8539.1	1170.1
52.5°	22424.7	22409.2	22471.2	22478.9	21370.9	18775.1	18046.7	15071.2	13157.3	9701.4	1542.0
55°	22393.7	22463.5	23145.3	23928.0	24013.2	22424.7	21719.6	17341.6	14490.0	11134.9	2061.2
57.5°	21556.9	21502.6	22223.2	23401.0	24230.2	24400.6	24284.4	20867.2	16497.0	12862.8	2859.3
58°	21285.6	21239.2	21921.0	23122.1	24075.2	24532.4	24416.1	21665.3	16946.4	13110.8	3076.2
60°	20301.6	20309.3	20712.2	21804.8	22757.9	23842.7	23951.2	23943.5	19185.8	14769.0	4168.8
62.5°	18999.8	18937.8	19309.7	20200.8	21037.7	21766.1	21952.0	24098.4	22463.5	16876.6	6253.2
65°	17202.1	17109.1	17504.3	18511.6	19410.5	19883.1	19890.9	22021.8	24005.4	19139.3	9228.7
67.5°	13862.4	13784.9	14575.3	15869.3	17256.3	17876.2	18155.2	19108.3	22703.7	20673.5	10933.4
70°	8492.6	8655.3	9755.6	11785.8	14156.9	15295.9	15714.3	16008.8	19333.0	20441.0	9143.5
72.5°	3920.8	3727.1	4664.7	6082.7	8787.0	11320.8	11754.8	12909.3	15326.9	17744.5	6818.8
75°	1828.7	1759.0	1975.9	2657.8	3982.8	6113.7	6904.1	10305.8	11754.8	12343.7	4920.4
77.5°	937.6	945.3	1123.6	1208.8	1642.7	2828.3	3246.7	6780.1	8616.5	6888.6	3300.9
80°	410.7	426.2	433.9	472.7	666.4	1092.6	1232.0	3146.0	5889.0	3510.2	1805.4
82.5°	263.5	271.2	271.2	271.2	317.7	433.9	495.9	1263.0	2936.8	1743.5	557.9
85°	139.5	139.5	155.0	193.7	224.7	263.5	279.0	402.9	968.6	519.2	131.7
87.5°	77.5	85.2	93.0	116.2	147.2	178.2	193.7	279.0	371.9	356.4	31.0
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-SA8B-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	193.7	193.7	193.7	193.7	193.7	193.7	193.7	193.7	193.7	193.7	193.7
2.5°	201.5	193.7	186.0	178.2	170.5	162.7	162.7	162.7	162.7	162.7	162.7
5°	193.7	186.0	178.2	162.7	147.2	139.5	131.7	124.0	124.0	124.0	124.0
7.5°	193.7	186.0	162.7	147.2	131.7	116.2	100.7	100.7	100.7	100.7	100.7
10°	193.7	178.2	155.0	131.7	108.5	93.0	85.2	77.5	77.5	77.5	77.5
12.5°	193.7	170.5	147.2	116.2	93.0	77.5	69.7	62.0	62.0	62.0	62.0
15°	193.7	170.5	139.5	108.5	85.2	62.0	54.2	46.5	46.5	46.5	46.5
17.5°	186.0	162.7	131.7	93.0	69.7	46.5	38.7	31.0	31.0	38.7	38.7
20°	178.2	155.0	116.2	77.5	54.2	38.7	23.2	23.2	23.2	23.2	23.2
22.5°	178.2	155.0	108.5	69.7	46.5	23.2	15.5	15.5	15.5	15.5	23.2
25°	178.2	147.2	93.0	54.2	31.0	15.5	7.7	7.7	7.7	7.7	7.7
27.5°	178.2	147.2	85.2	46.5	23.2	15.5	7.7	0.0	0.0	0.0	0.0
30°	170.5	139.5	77.5	38.7	15.5	7.7	0.0	0.0	0.0	0.0	0.0
32.5°	170.5	131.7	62.0	31.0	15.5	7.7	0.0	0.0	0.0	0.0	0.0
35°	178.2	124.0	54.2	23.2	7.7	0.0	0.0	0.0	0.0	0.0	7.7
37.5°	186.0	116.2	46.5	15.5	7.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	193.7	108.5	46.5	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	209.2	108.5	38.7	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	224.7	108.5	31.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	255.7	116.2	31.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	279.0	124.0	23.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	309.9	116.2	23.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	348.7	116.2	23.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	379.7	108.5	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	395.2	100.7	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	472.7	93.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	736.1	77.5	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1495.5	69.7	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2789.5	62.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3122.7	69.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1968.2	54.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1038.3	54.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	519.2	54.2	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	240.2	38.7	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	100.7	23.2	15.5	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	46.5	23.2	15.5	15.5	7.7	7.7	0.0	0.0	0.0	0.0	0.0
87.5°	23.2	23.2	23.2	15.5	15.5	7.7	7.7	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

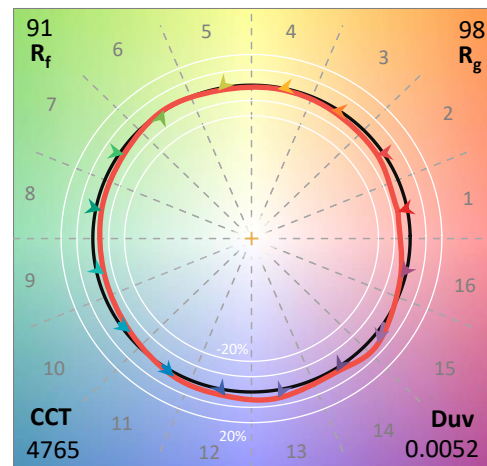
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

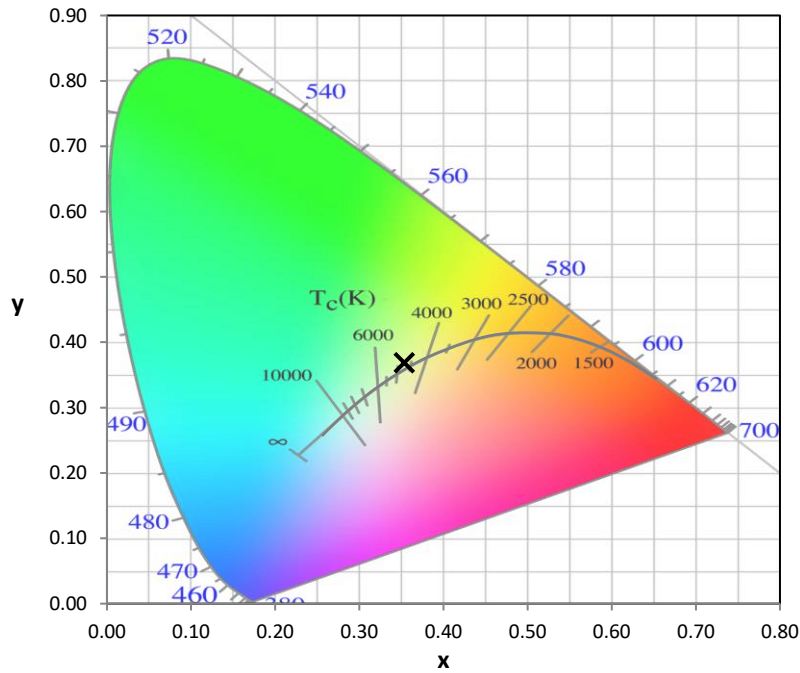
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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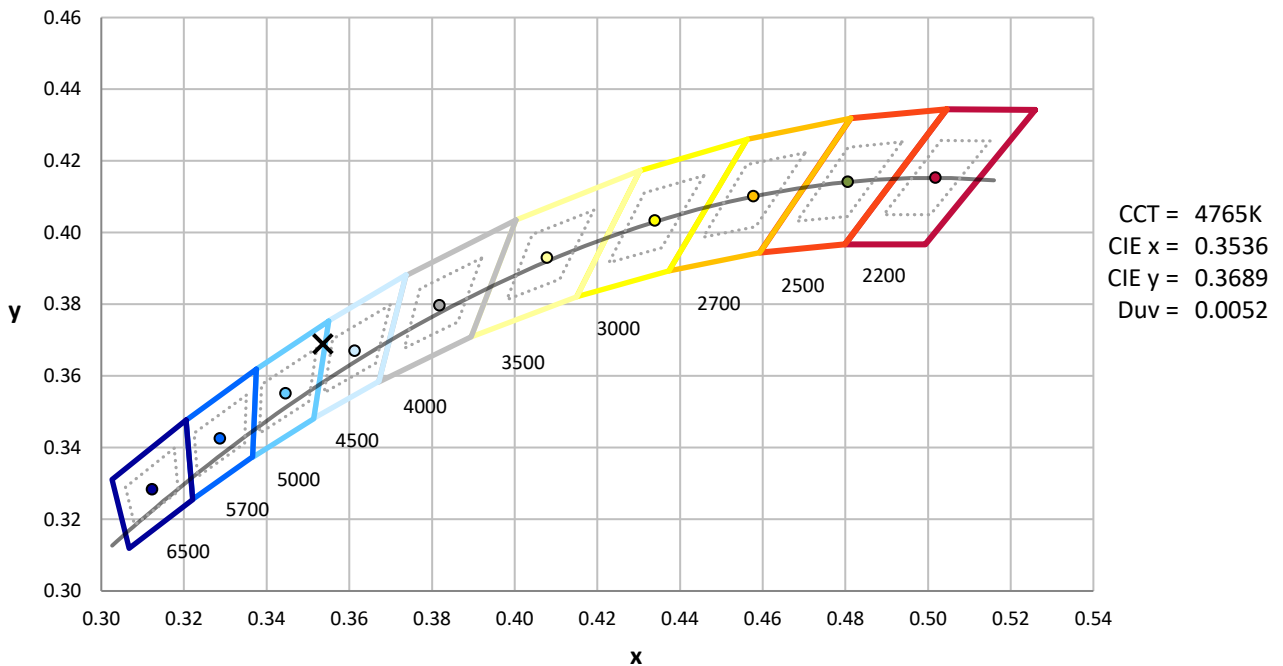
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



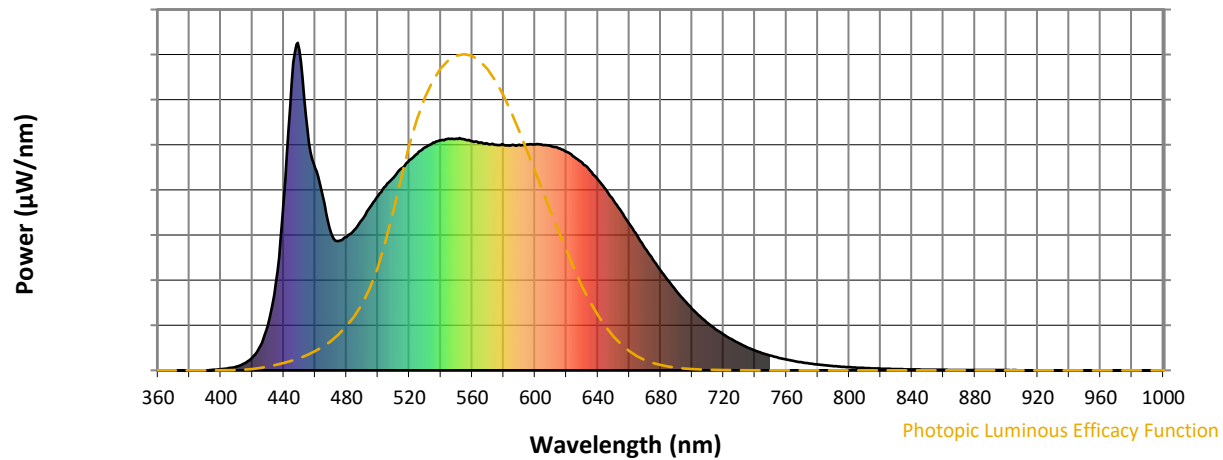
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

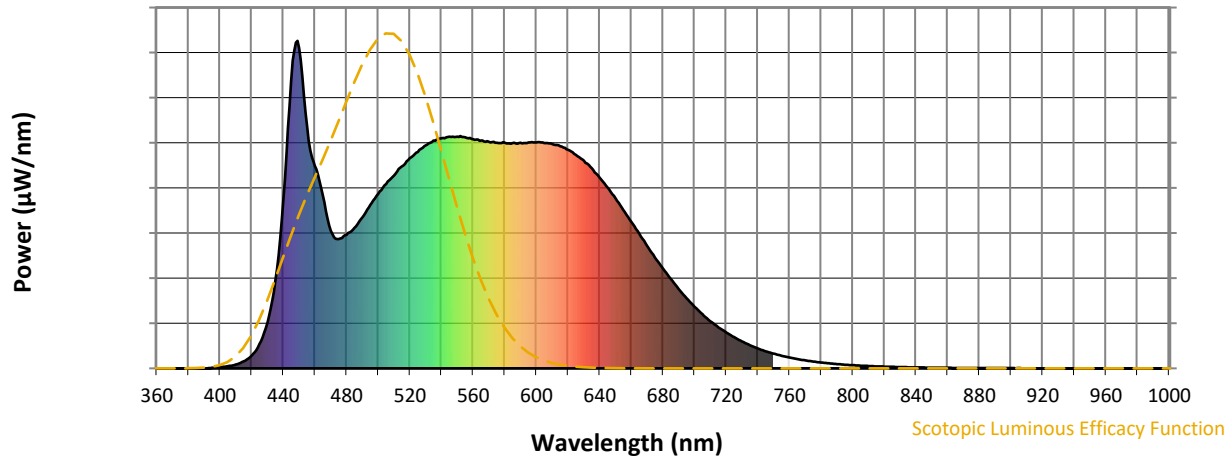


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



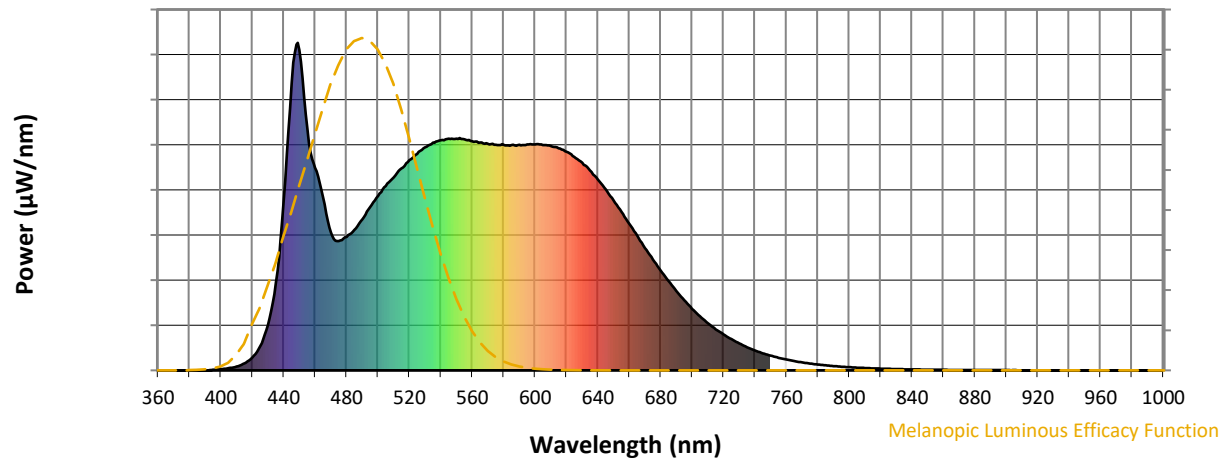
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.22

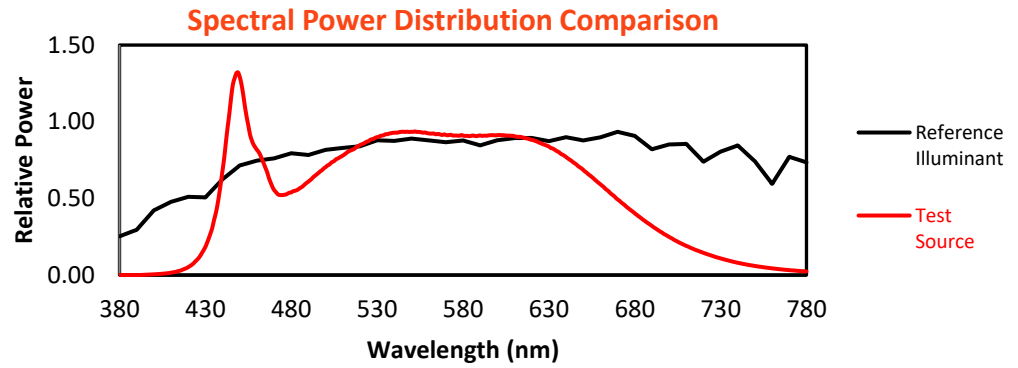
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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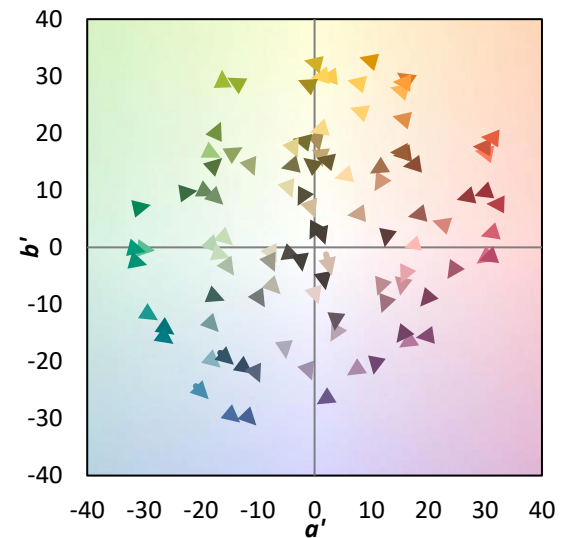
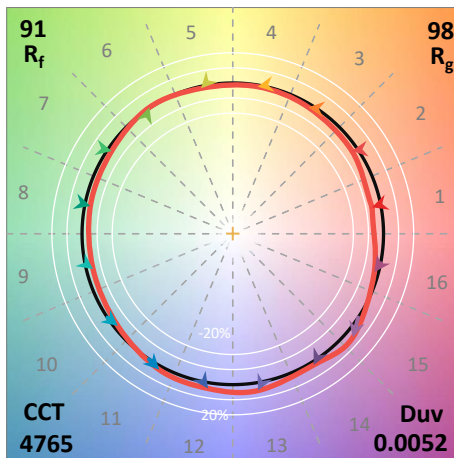
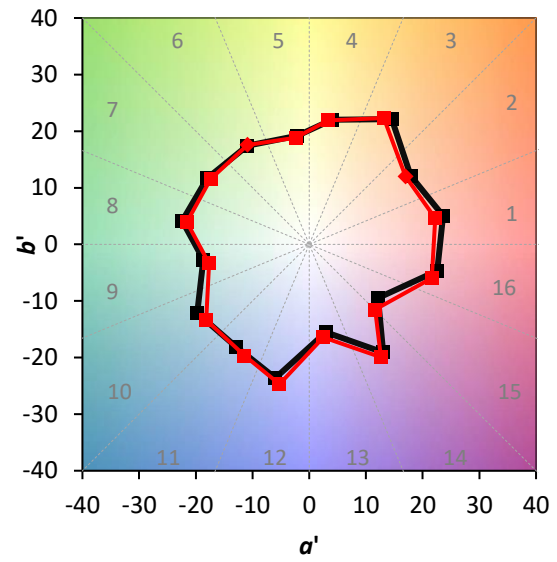
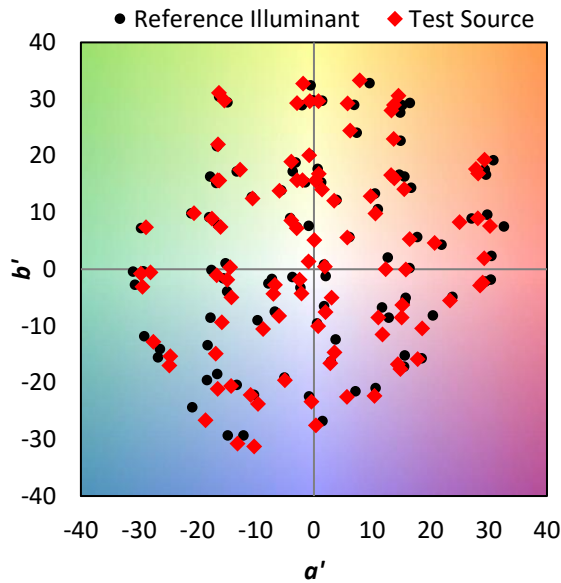
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

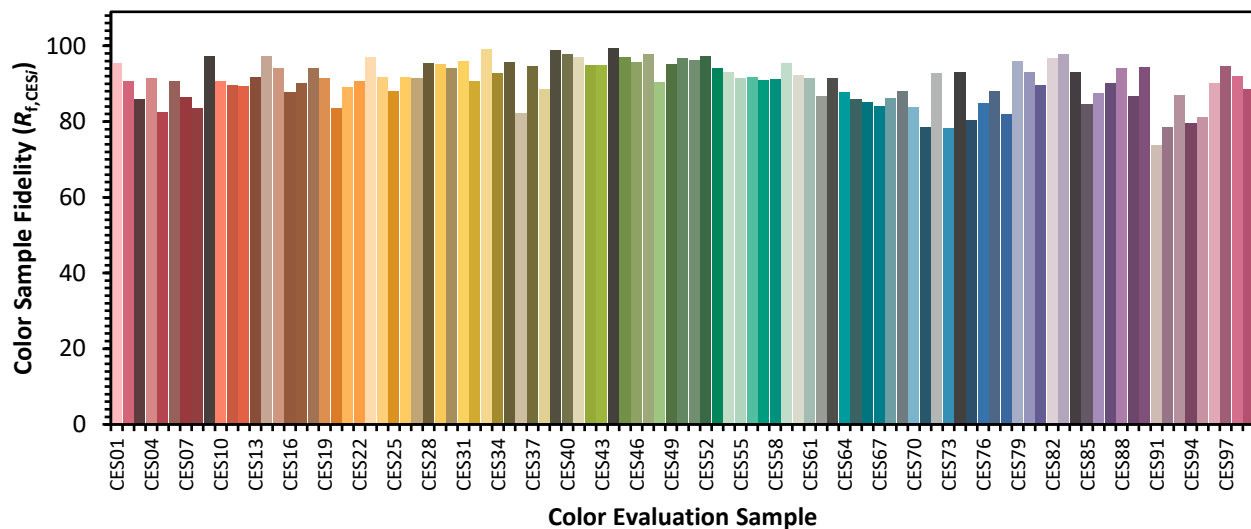


Color Vector Graphics

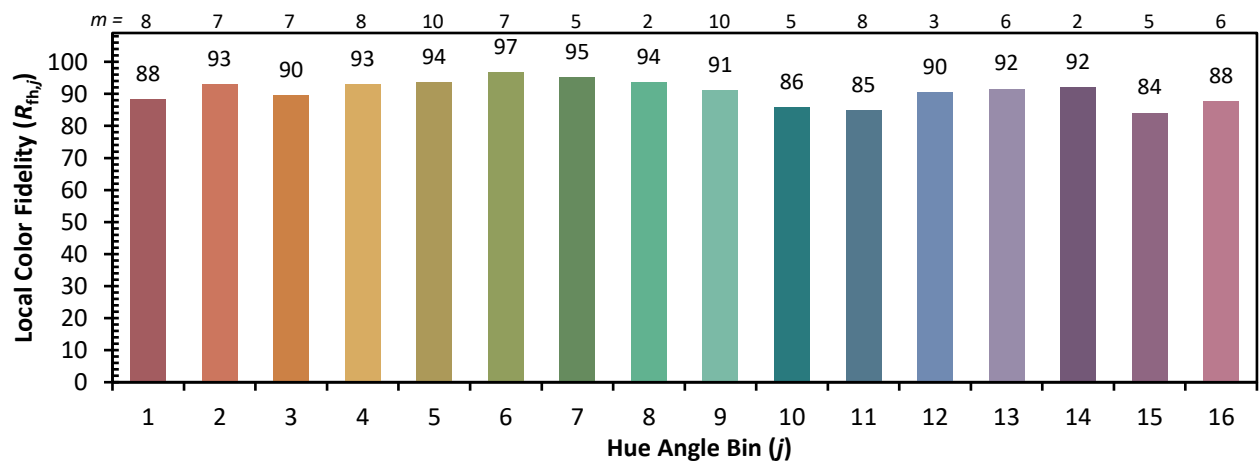
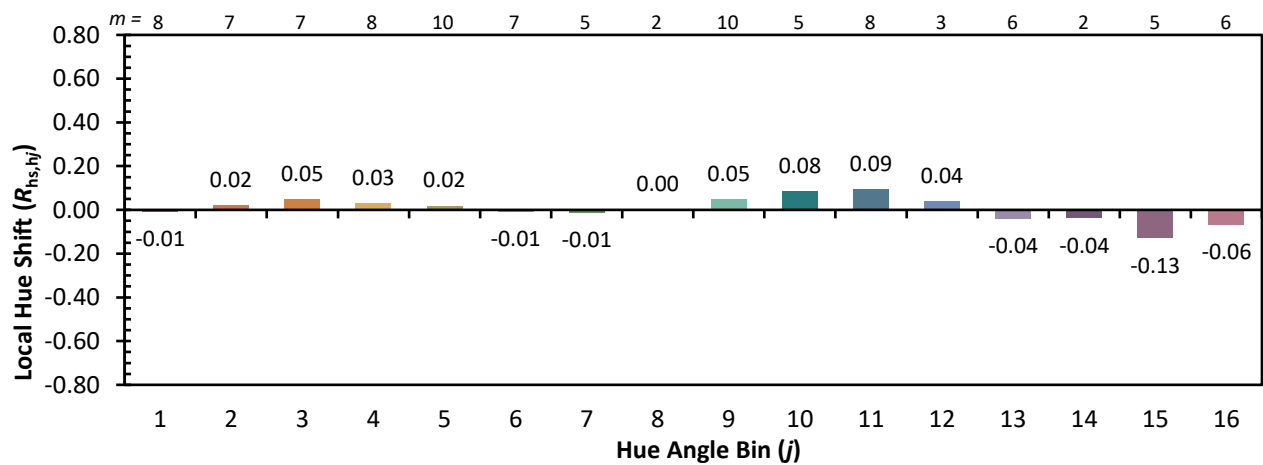
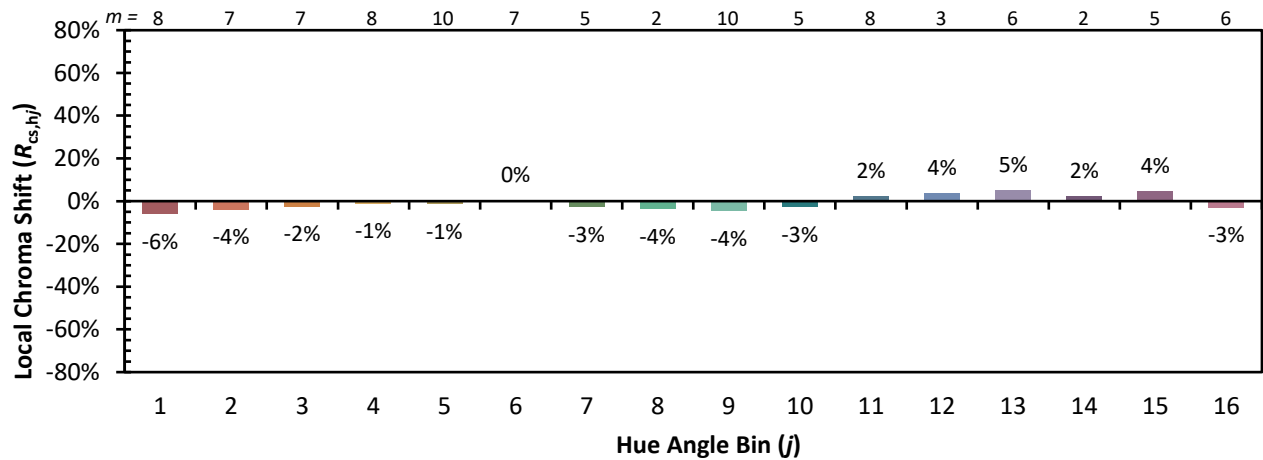


Individual Sample Fidelity Index ($R_{f,i}$)

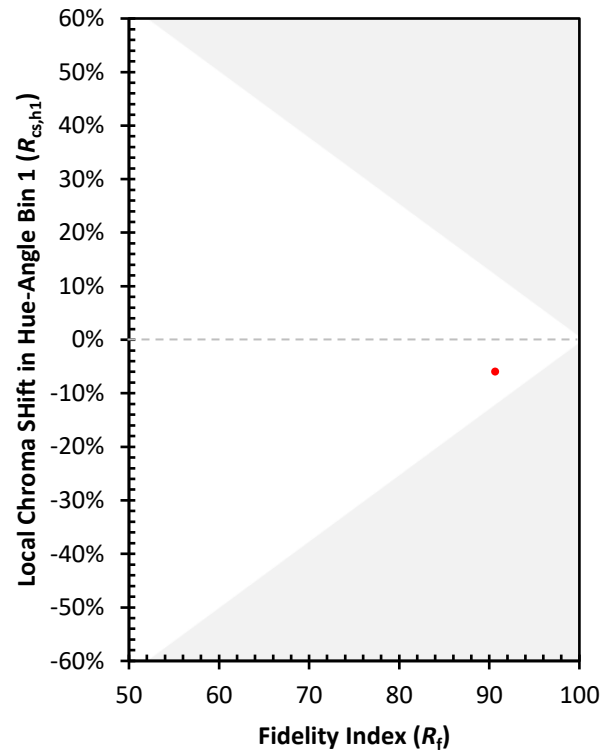
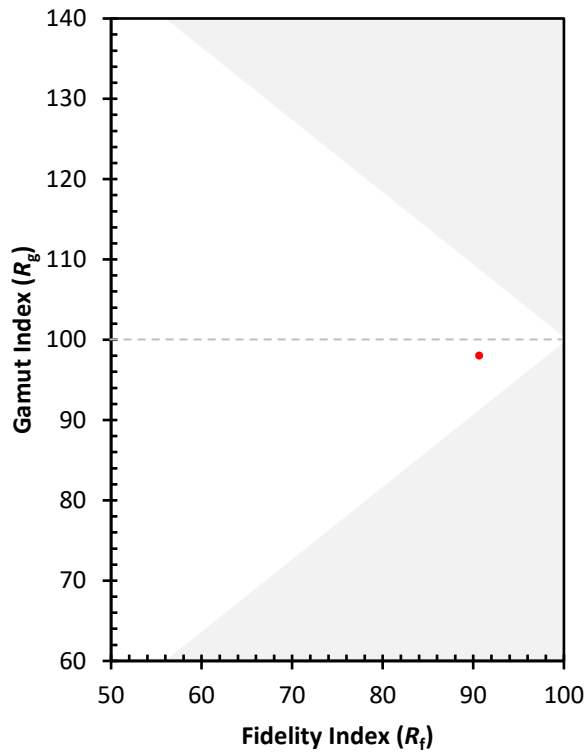
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)