

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: P1047642

Luminaire Tested: **GALN-SA5B-740-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047642
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-740-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22214.4 lumens
Efficiency: N/A
Efficacy: 124.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 178.8
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

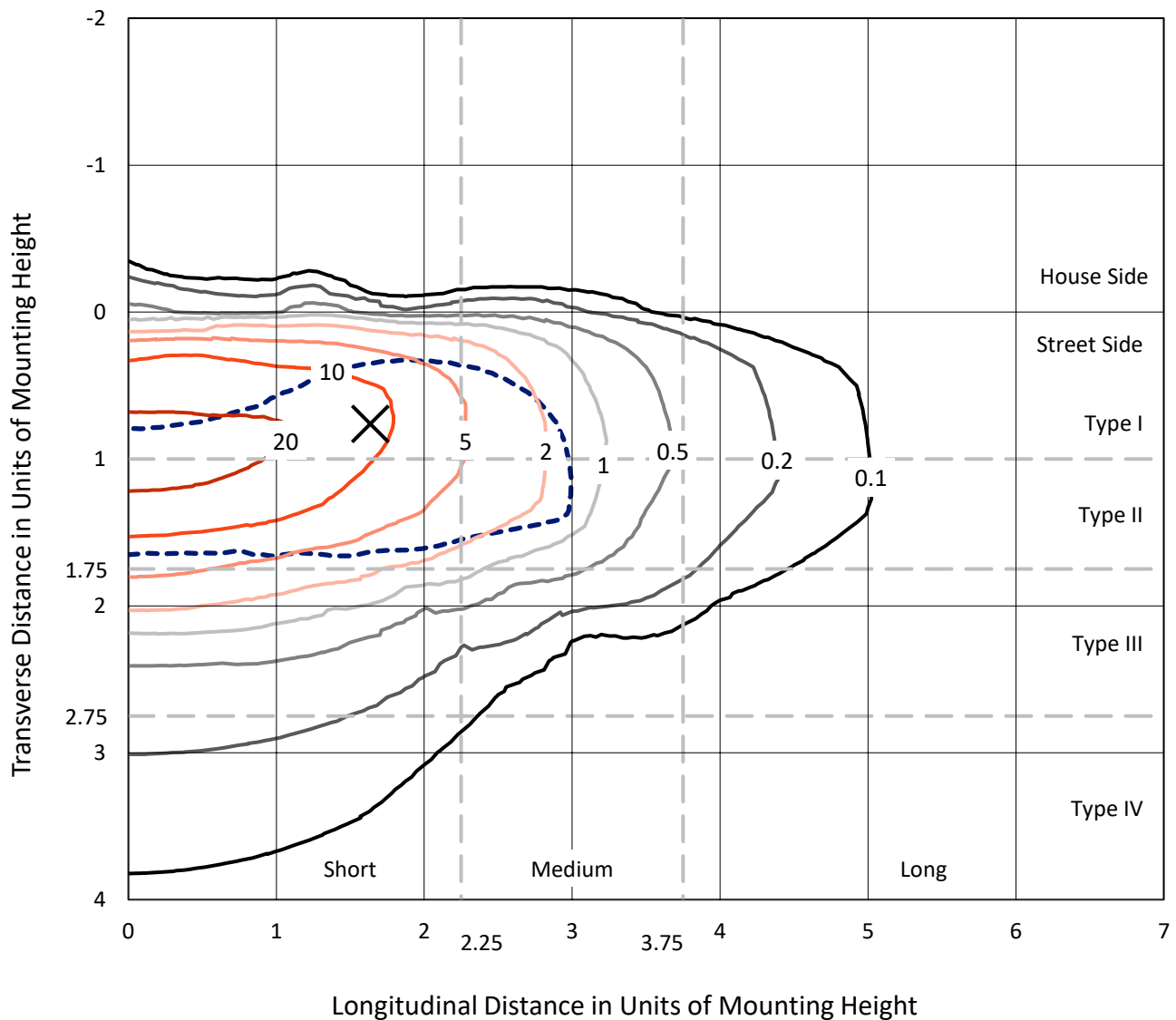


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

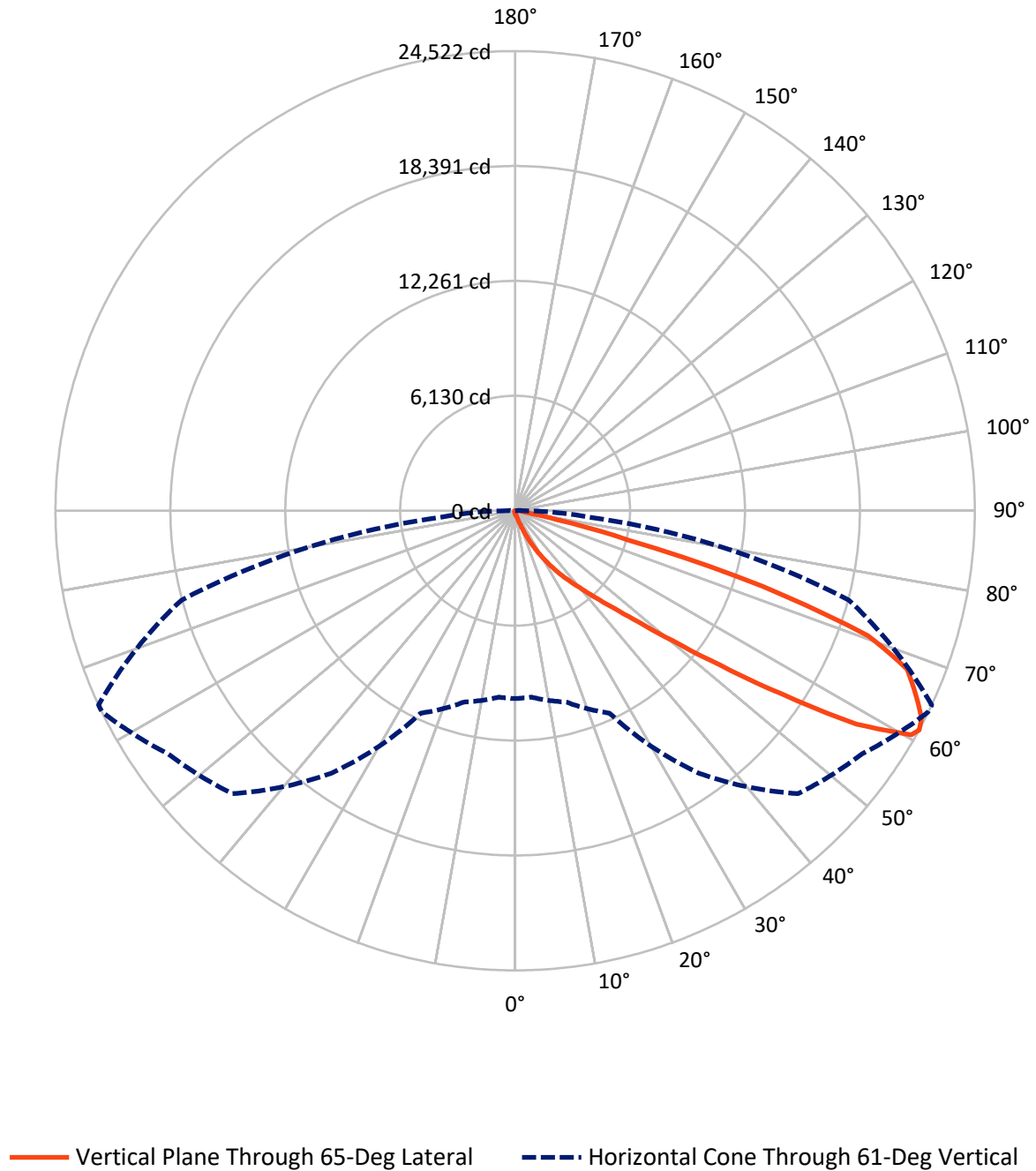


Based on 15 foot mounting height. Maximum calculated value = 29.4 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA5B-740-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	94.8	0.0	94.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22119.6	0.0	22119.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	22214.4	0.0	22214.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.1
10°-20°	182.7	0.8
20°-30°	655.6	3.0
30°-40°	1745.4	7.9
40°-50°	4585.2	20.6
50°-60°	7103.3	32.0
60°-70°	5956.0	26.8
70°-80°	1752.8	7.9
80°-90°	216.2	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°	22214.4	100.0
0°-180°	22214.4	100.0



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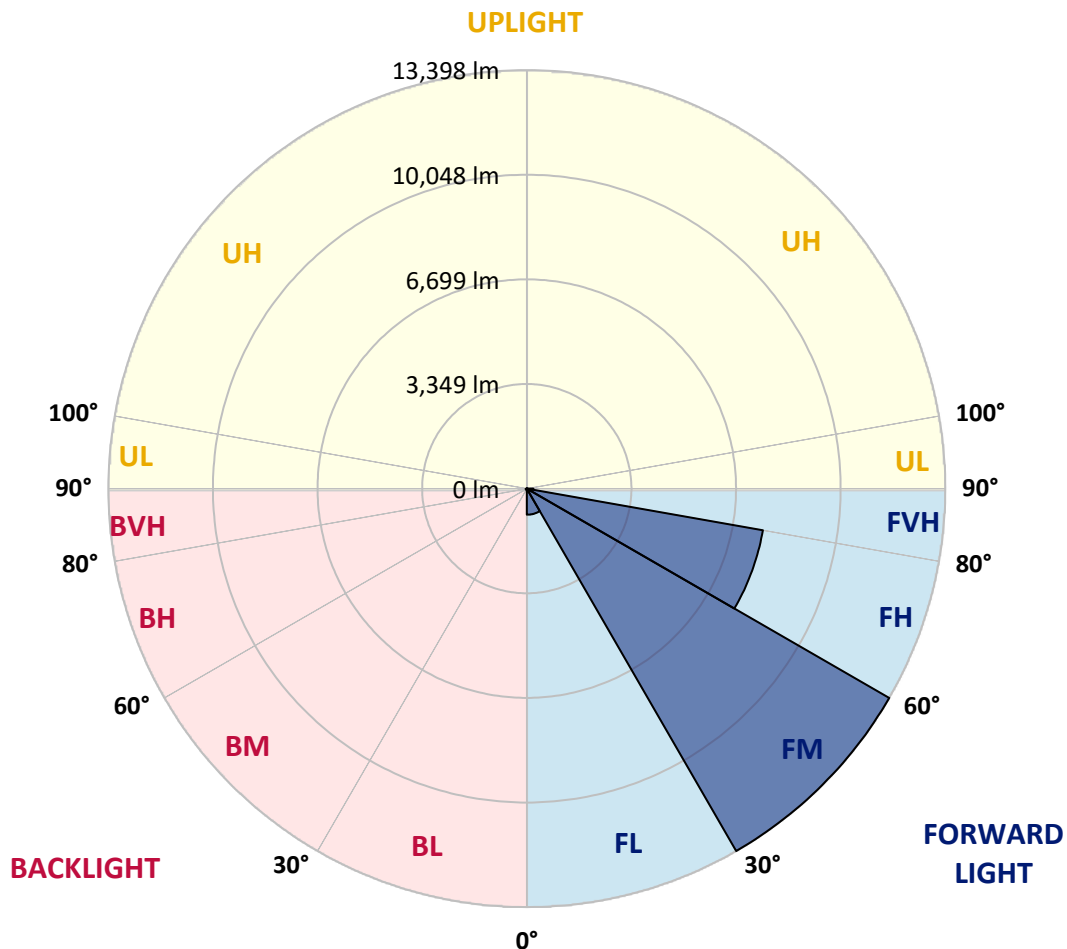
CATALOG NUMBER: GALN-SA5B-740-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	834.3	3.8			
FM	(30°-60°)	13397.8	60.3			
FH	(60°-80°)	7675.3	34.6			G4/12000
FVH	(80°-90°)	212.2	1.0			G2/225
BL	(0°-30°)	21.3	0.1	B0/110		
BM	(30°-60°)	36.1	0.2	B0/220		
BH	(60°-80°)	33.5	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0
2.5°	165.0	166.6	163.5	157.4	152.8	152.8	151.3	146.7	146.7	142.1	139.1
5°	230.7	227.7	221.6	209.4	198.7	188.0	177.3	166.6	165.0	151.3	142.1
7.5°	377.4	380.5	360.6	322.4	290.3	249.1	210.9	188.0	184.9	162.0	143.6
10°	828.2	805.3	759.5	611.2	502.7	379.0	281.2	218.5	215.5	174.2	146.7
12.5°	1509.8	1491.4	1407.4	1254.6	974.9	678.5	411.1	270.5	261.3	184.9	148.2
15°	2176.0	2147.0	2101.2	1946.8	1619.8	1216.4	672.4	369.8	345.4	200.2	146.7
17.5°	2600.8	2605.4	2564.2	2498.5	2287.6	1800.1	1161.4	551.6	504.3	227.7	143.6
20°	2972.2	2961.5	2984.4	2949.3	2801.0	2446.5	1690.1	874.1	793.1	272.0	145.2
22.5°	3400.0	3426.0	3442.8	3435.2	3271.7	2969.1	2290.6	1308.1	1205.7	353.0	149.8
25°	3973.1	3970.0	3971.6	3951.7	3792.8	3456.6	2892.7	1847.5	1743.6	484.4	160.5
27.5°	4573.6	4592.0	4599.6	4527.8	4320.0	3989.9	3450.5	2437.3	2315.1	695.3	174.2
30°	5394.2	5379.0	5343.8	5197.1	4945.0	4535.4	4000.6	3056.2	2927.9	990.2	195.6
32.5°	6500.6	6483.8	6306.5	5982.6	5605.1	5103.9	4553.8	3676.6	3520.8	1358.5	224.6
35°	8323.6	8349.6	7914.1	7075.2	6398.2	5787.0	5166.5	4294.0	4156.5	1812.3	264.4
37.5°	11115.5	10973.4	10382.0	8899.7	7441.9	6639.6	5751.8	4917.5	4798.3	2371.6	316.3
40°	13827.9	13687.3	13516.1	12111.8	9255.8	7579.4	6570.9	5649.4	5495.1	3002.7	392.7
42.5°	16679.3	16601.4	16593.8	15534.8	12565.7	9057.1	7556.5	6506.7	6375.3	3695.0	518.0
45°	18699.5	18621.6	18785.1	18970.0	17073.6	12223.4	9272.6	7620.7	7429.7	4535.4	718.2
47.5°	18971.5	18974.6	19411.6	19990.7	20423.2	17121.0	11558.6	9096.8	8864.6	5738.1	1054.4
50°	18066.9	18102.0	18797.3	19833.4	20997.8	21230.0	15589.8	11239.3	10895.4	7163.8	1531.2
52.5°	16344.7	16384.4	17353.2	19057.1	20469.0	22217.2	20336.1	14041.8	13646.0	8942.5	2203.5
55°	14793.6	14818.1	15929.0	18082.1	19831.8	21680.8	23153.9	17784.2	17264.6	11130.8	2866.7
57.5°	13257.9	13201.4	13924.1	16389.0	19723.3	21022.2	23569.6	22049.1	21476.1	13522.3	3383.2
60°	11204.1	11109.4	11690.0	13257.9	18296.1	21454.7	22791.8	24408.5	24278.6	16852.0	3782.1
61°	10022.9	9983.1	10566.9	11911.6	17095.0	21344.7	22605.3	24507.8	24521.6	18427.5	3960.9
62.5°	7157.7	7270.8	8163.2	9911.3	14318.4	20631.0	22629.8	24200.7	24336.7	20521.0	4423.9
65°	3181.5	3363.4	4057.1	5479.8	8326.7	17162.2	22412.8	23526.8	23459.6	21095.6	6019.2
67.5°	1887.2	1914.7	2260.1	3105.1	4410.1	9231.3	19778.3	22635.9	22545.8	18364.8	7489.3
70°	1486.9	1500.6	1610.6	1948.3	2559.6	3536.0	11288.2	19584.3	19977.0	14891.4	7331.9
72.5°	1410.4	1407.4	1422.7	1482.3	1612.2	1754.3	4370.4	13018.0	13817.2	10724.3	6147.6
75°	1392.1	1386.0	1370.7	1347.8	1167.5	1033.0	1353.9	5757.9	6220.9	7327.3	4628.6
77.5°	1350.9	1352.4	1355.4	1292.8	1000.9	730.4	655.6	1847.5	2272.3	4650.0	3290.0
80°	913.8	927.6	950.5	926.0	900.1	528.7	463.0	657.1	666.3	2610.0	2173.0
82.5°	463.0	463.0	452.3	403.4	348.4	343.8	368.3	476.8	482.9	1320.3	1022.3
85°	279.6	294.9	301.0	273.5	250.6	230.7	281.2	379.0	392.7	511.9	238.4
87.5°	62.7	64.2	70.3	93.2	136.0	184.9	261.3	346.9	353.0	328.5	29.0
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-SA5B-740-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0
2.5°	137.5	134.5	132.9	128.4	123.8	119.2	116.1	114.6	116.1	117.7	117.7
5°	136.0	131.4	123.8	116.1	110.0	103.9	97.8	96.3	96.3	97.8	97.8
7.5°	136.0	128.4	117.7	108.5	99.3	90.2	85.6	82.5	84.0	84.0	84.0
10°	136.0	126.8	113.1	99.3	88.6	77.9	70.3	67.2	67.2	67.2	67.2
12.5°	134.5	125.3	108.5	91.7	76.4	64.2	55.0	50.4	52.0	52.0	52.0
15°	131.4	120.7	102.4	77.9	61.1	48.9	39.7	35.1	36.7	39.7	41.3
17.5°	126.8	116.1	91.7	65.7	48.9	36.7	27.5	24.4	26.0	30.6	30.6
20°	125.3	111.6	81.0	53.5	36.7	26.0	18.3	15.3	16.8	22.9	24.4
22.5°	125.3	108.5	73.3	44.3	27.5	16.8	10.7	6.1	6.1	10.7	10.7
25°	126.8	107.0	67.2	36.7	19.9	12.2	6.1	3.1	6.1	16.8	19.9
27.5°	129.9	105.4	64.2	30.6	15.3	10.7	4.6	10.7	18.3	18.3	18.3
30°	132.9	102.4	59.6	26.0	13.8	7.6	7.6	15.3	15.3	18.3	19.9
32.5°	137.5	100.9	56.5	22.9	10.7	6.1	10.7	9.2	9.2	10.7	12.2
35°	146.7	102.4	53.5	22.9	10.7	7.6	9.2	4.6	3.1	3.1	3.1
37.5°	158.9	103.9	48.9	19.9	9.2	9.2	4.6	0.0	0.0	0.0	0.0
40°	178.8	108.5	45.8	18.3	7.6	7.6	1.5	0.0	0.0	0.0	0.0
42.5°	212.4	117.7	44.3	16.8	7.6	6.1	0.0	0.0	0.0	0.0	0.0
45°	279.6	139.1	41.3	15.3	7.6	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	401.9	189.5	39.7	12.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	586.8	256.7	38.2	10.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	748.8	270.5	26.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	767.1	186.4	19.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	611.2	120.7	16.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	463.0	91.7	15.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	444.7	82.5	15.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	490.5	71.8	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	797.7	59.6	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1386.0	52.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1751.2	48.9	9.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1526.6	44.3	9.2	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	918.4	38.2	9.2	6.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	481.4	29.0	9.2	7.6	4.6	1.5	0.0	0.0	0.0	0.0	0.0
80°	233.8	26.0	10.7	7.6	6.1	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	91.7	21.4	12.2	10.7	7.6	4.6	1.5	0.0	0.0	0.0	0.0
85°	41.3	18.3	13.8	12.2	10.7	6.1	1.5	0.0	0.0	0.0	0.0
87.5°	21.4	16.8	15.3	13.8	10.7	7.6	3.1	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

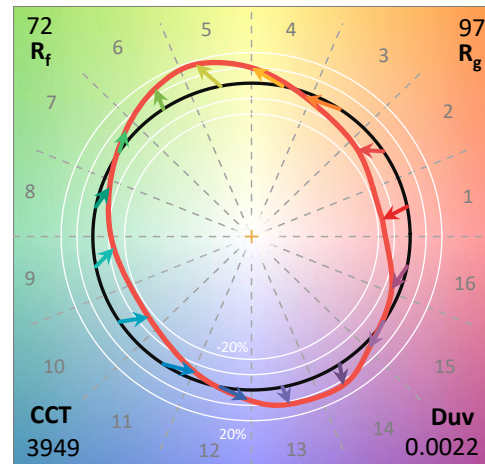
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

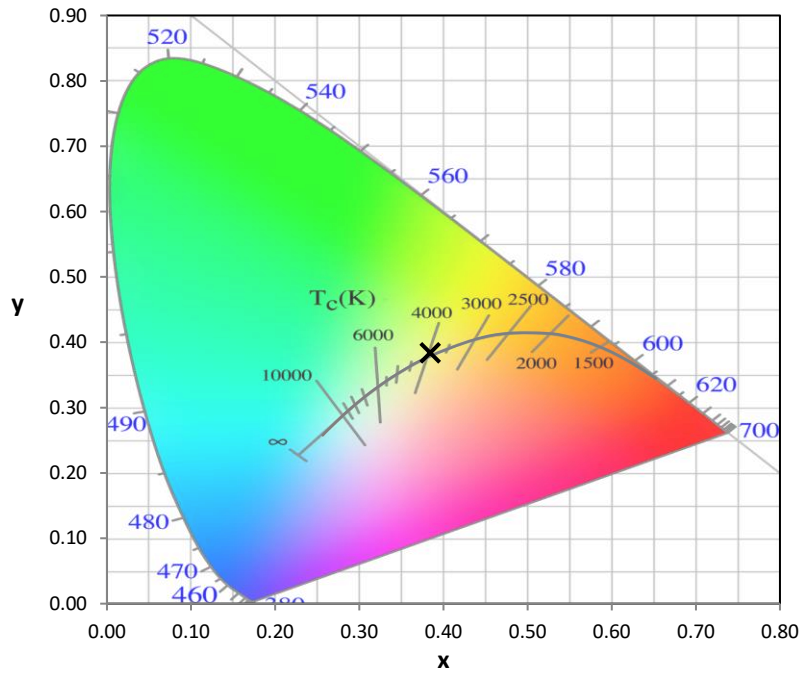
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

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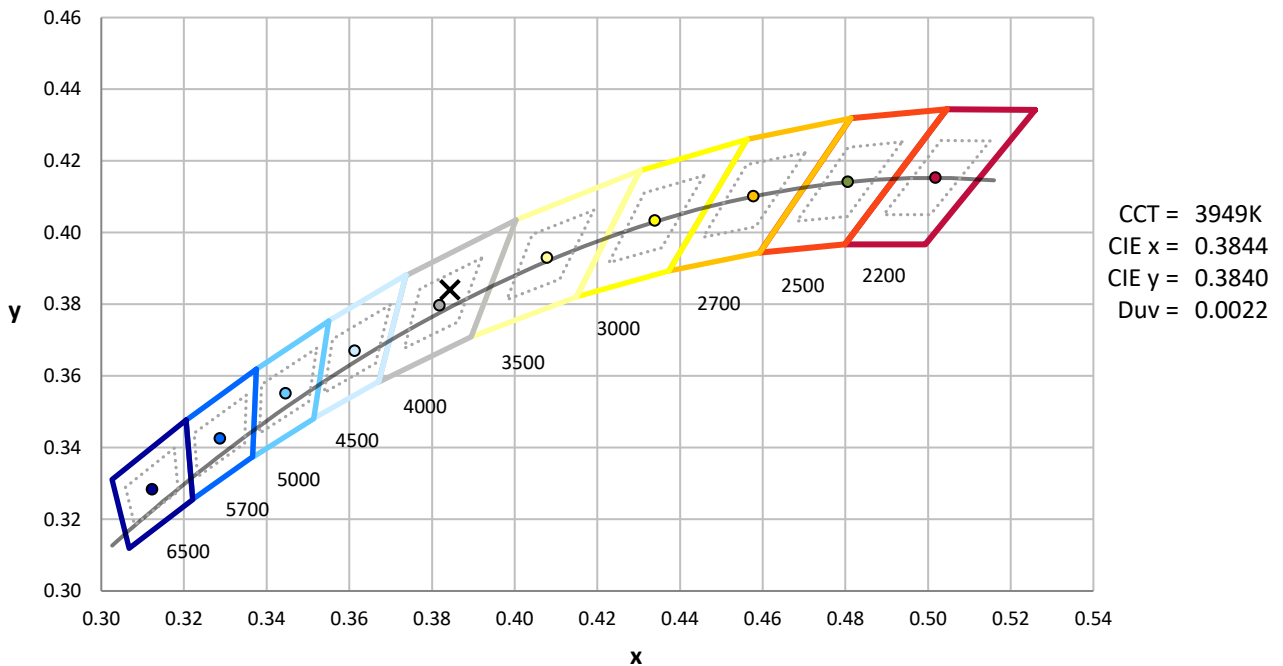
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



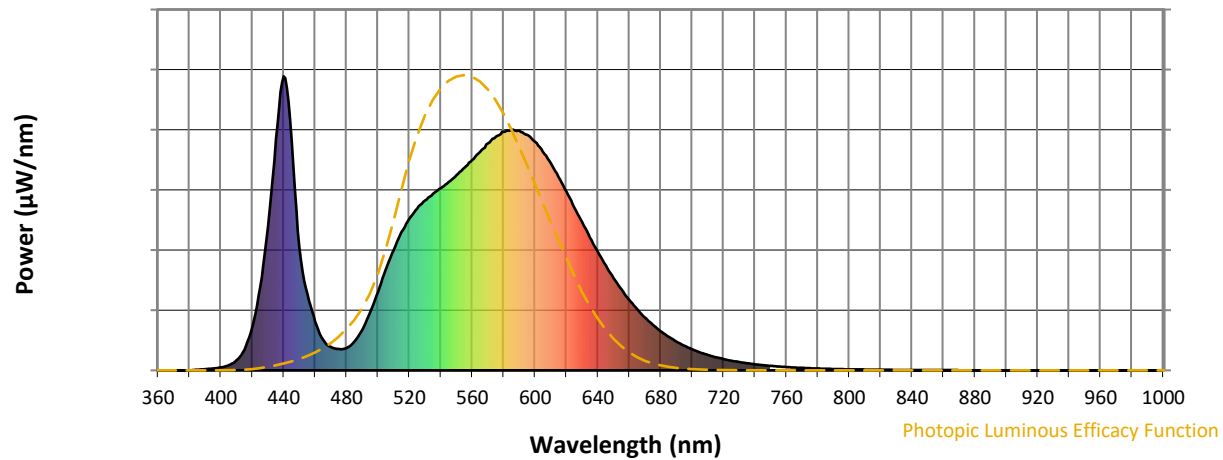
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

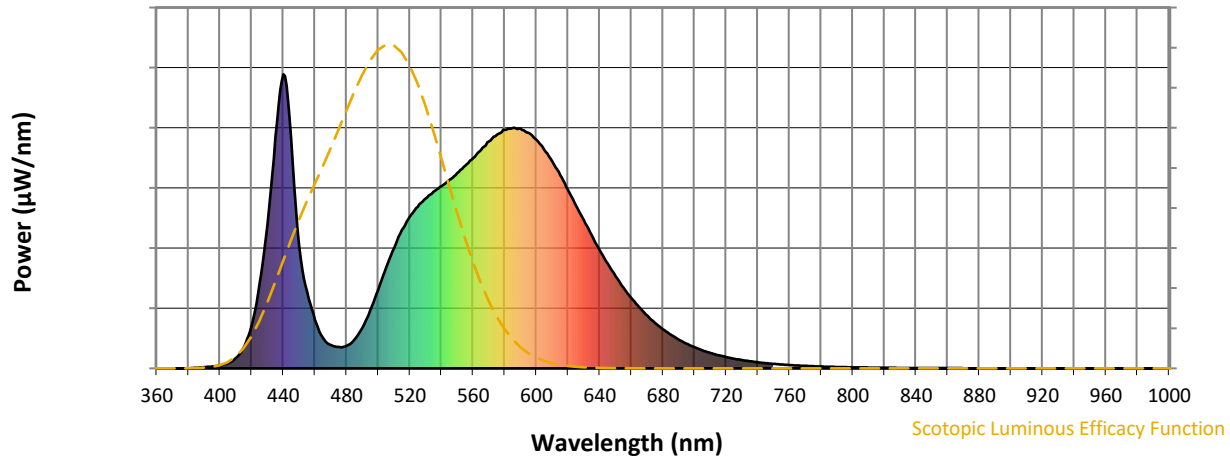


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



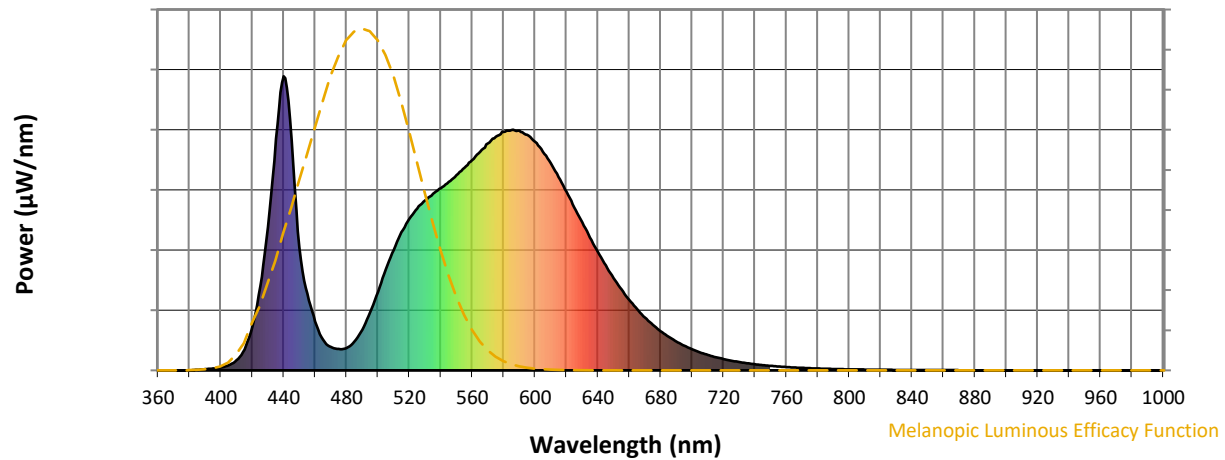
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

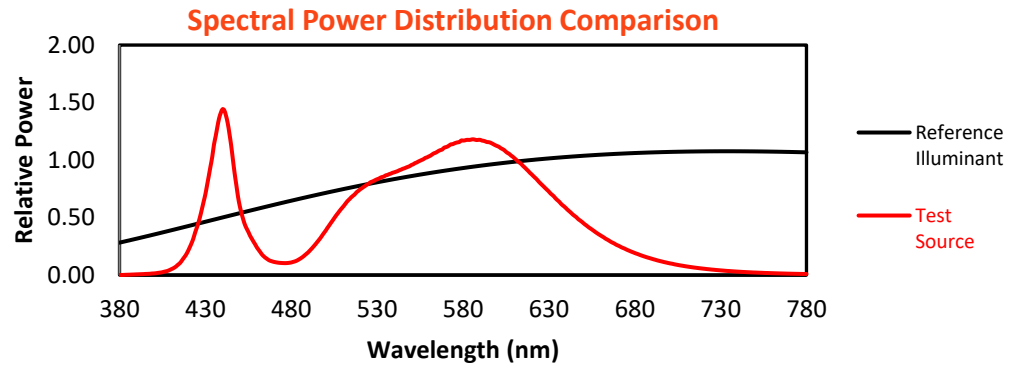
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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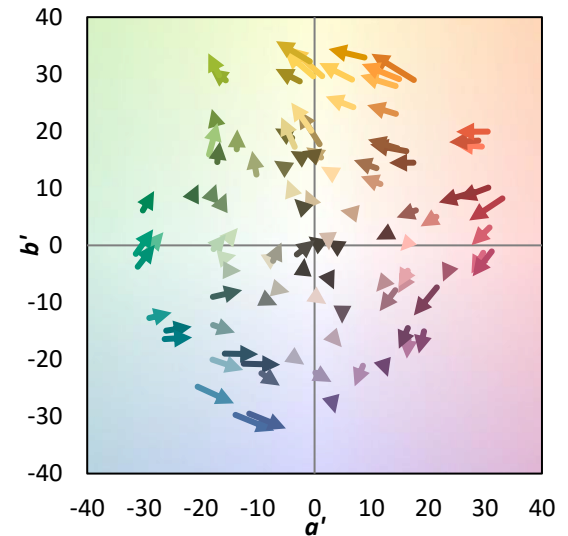
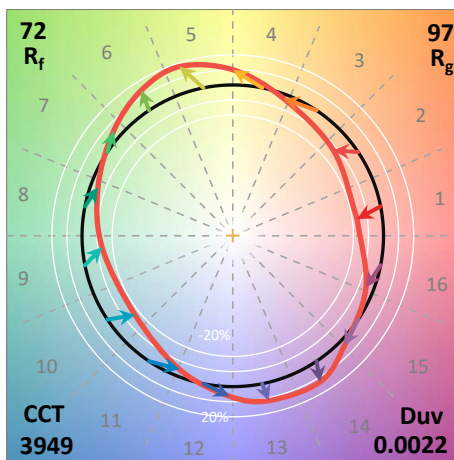
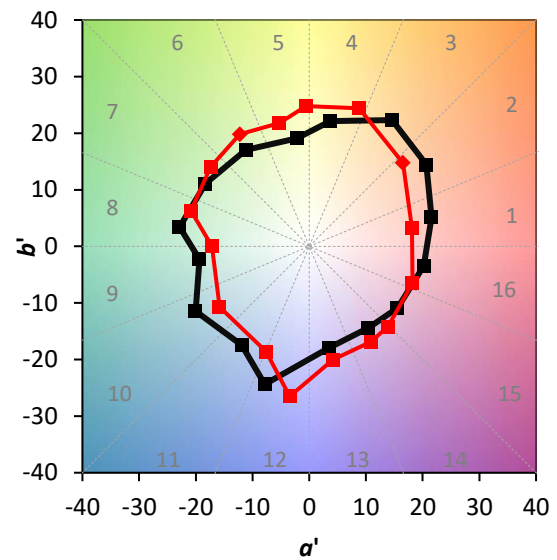
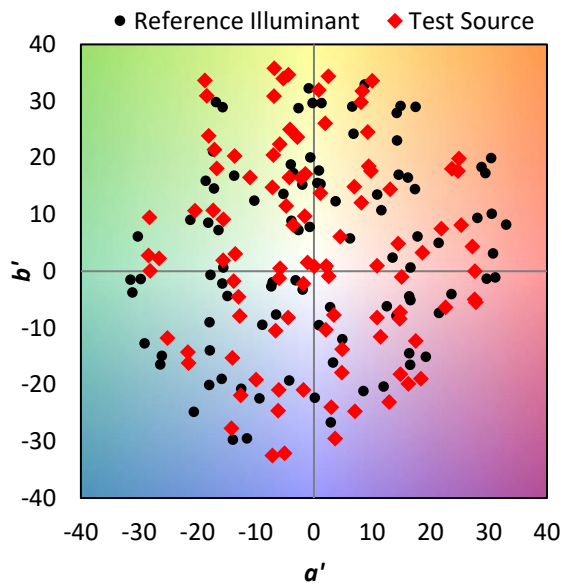
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

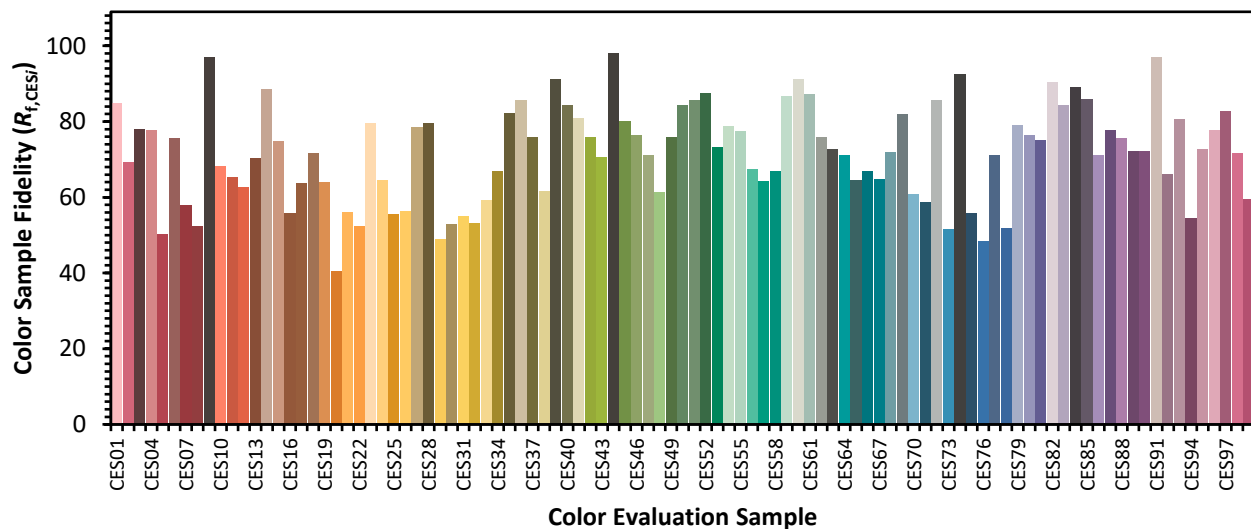


Color Vector Graphics

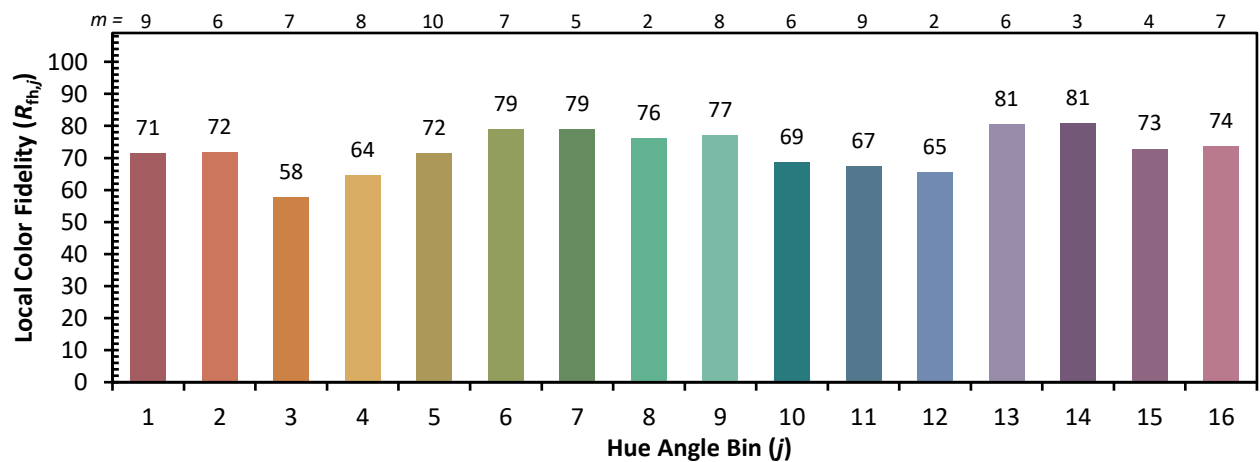
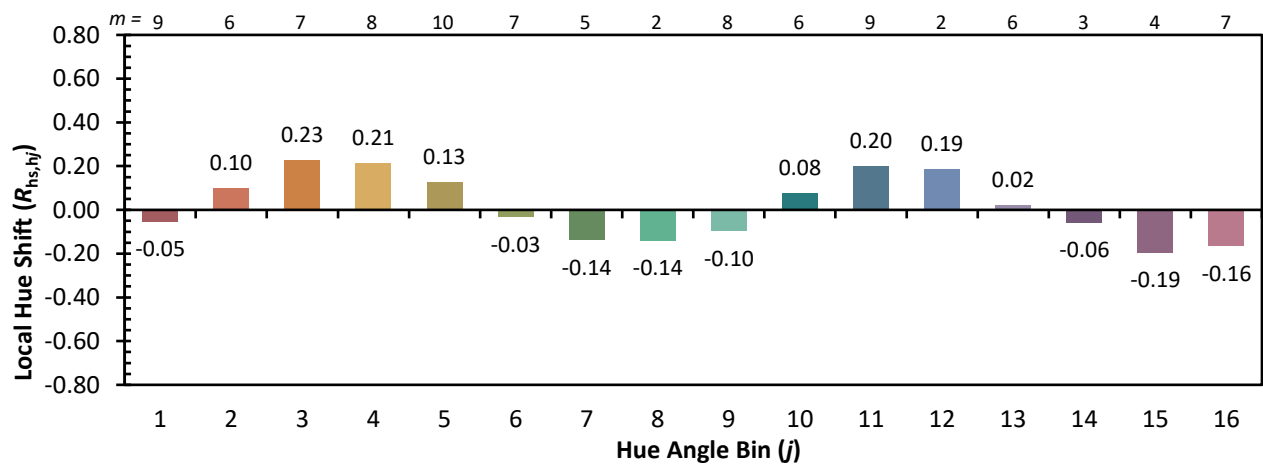
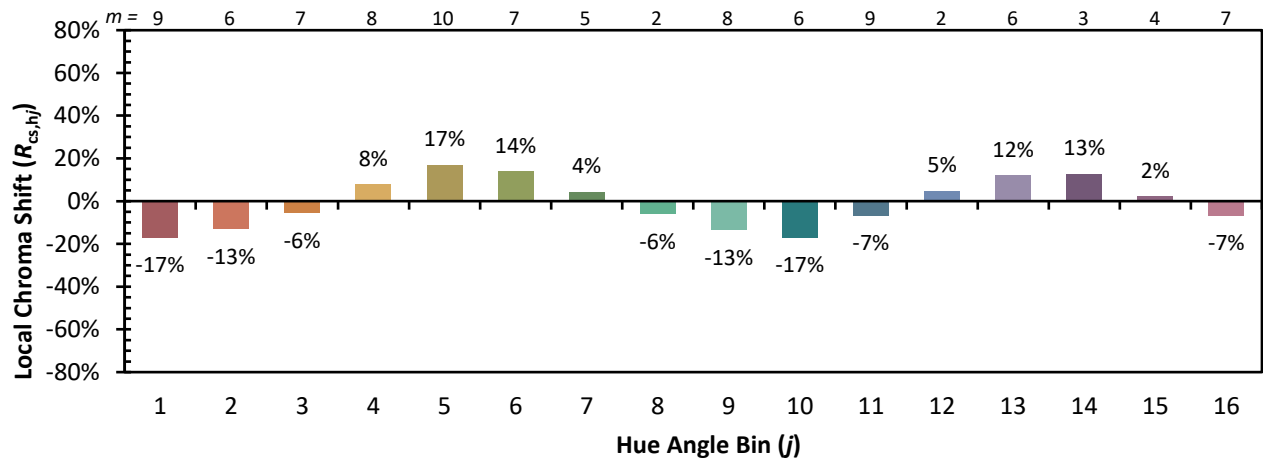


Individual Sample Fidelity Index ($R_{f,i}$)

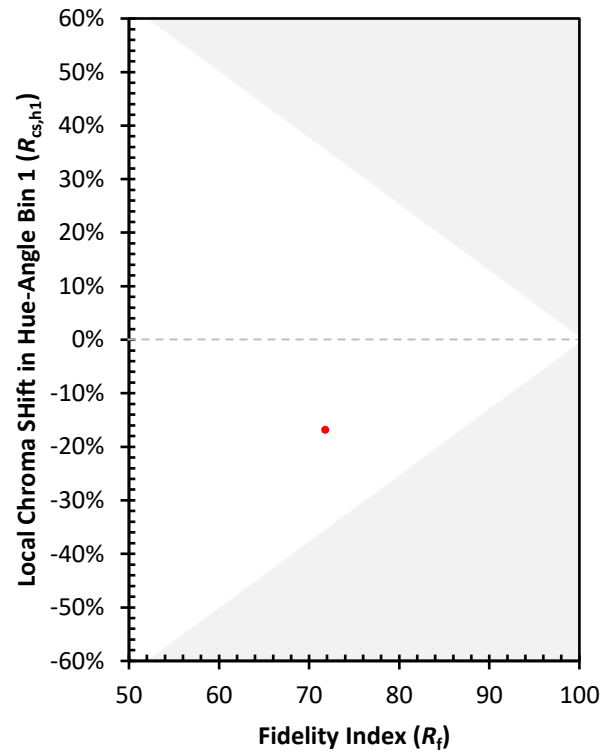
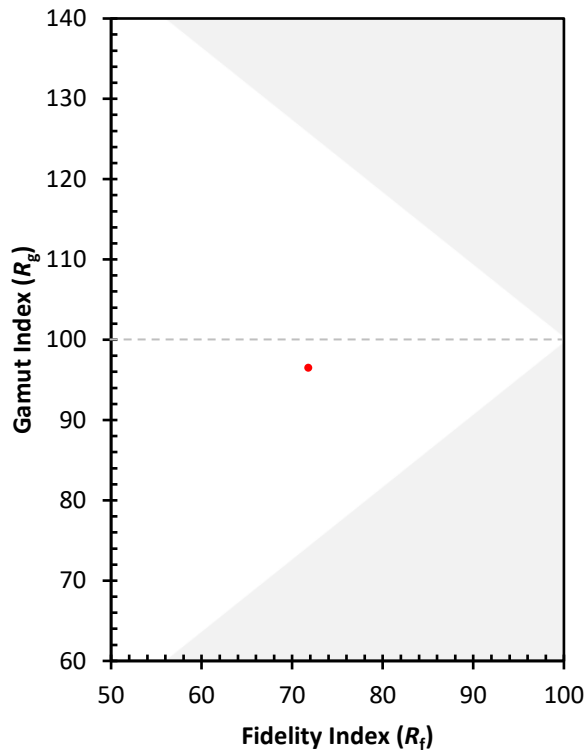
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)