

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: P1048707

Luminaire Tested: **GALN-SA1C-930-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048707
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-930-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3986.4 lumens
Efficiency: N/A
Efficacy: 79.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

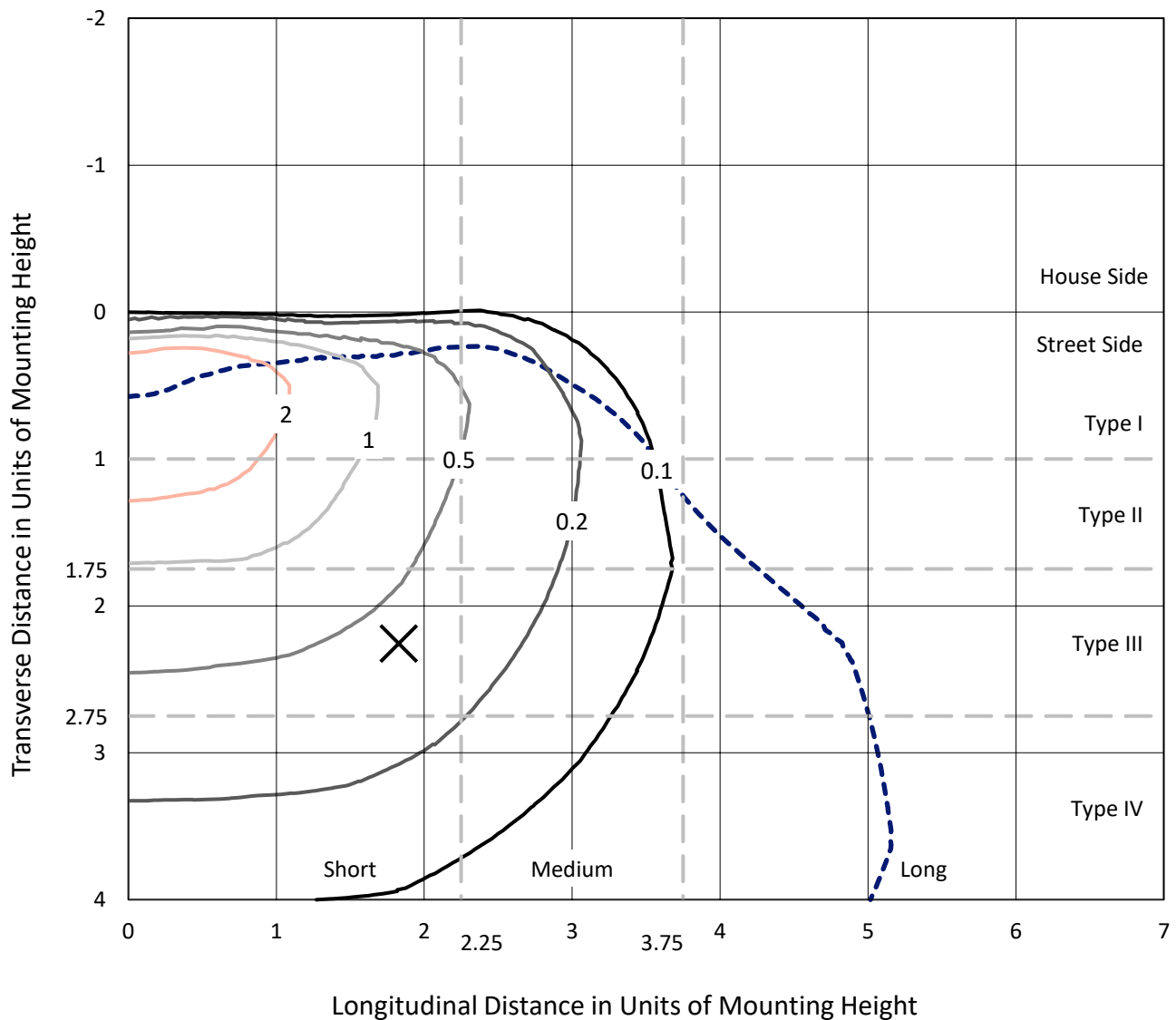


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

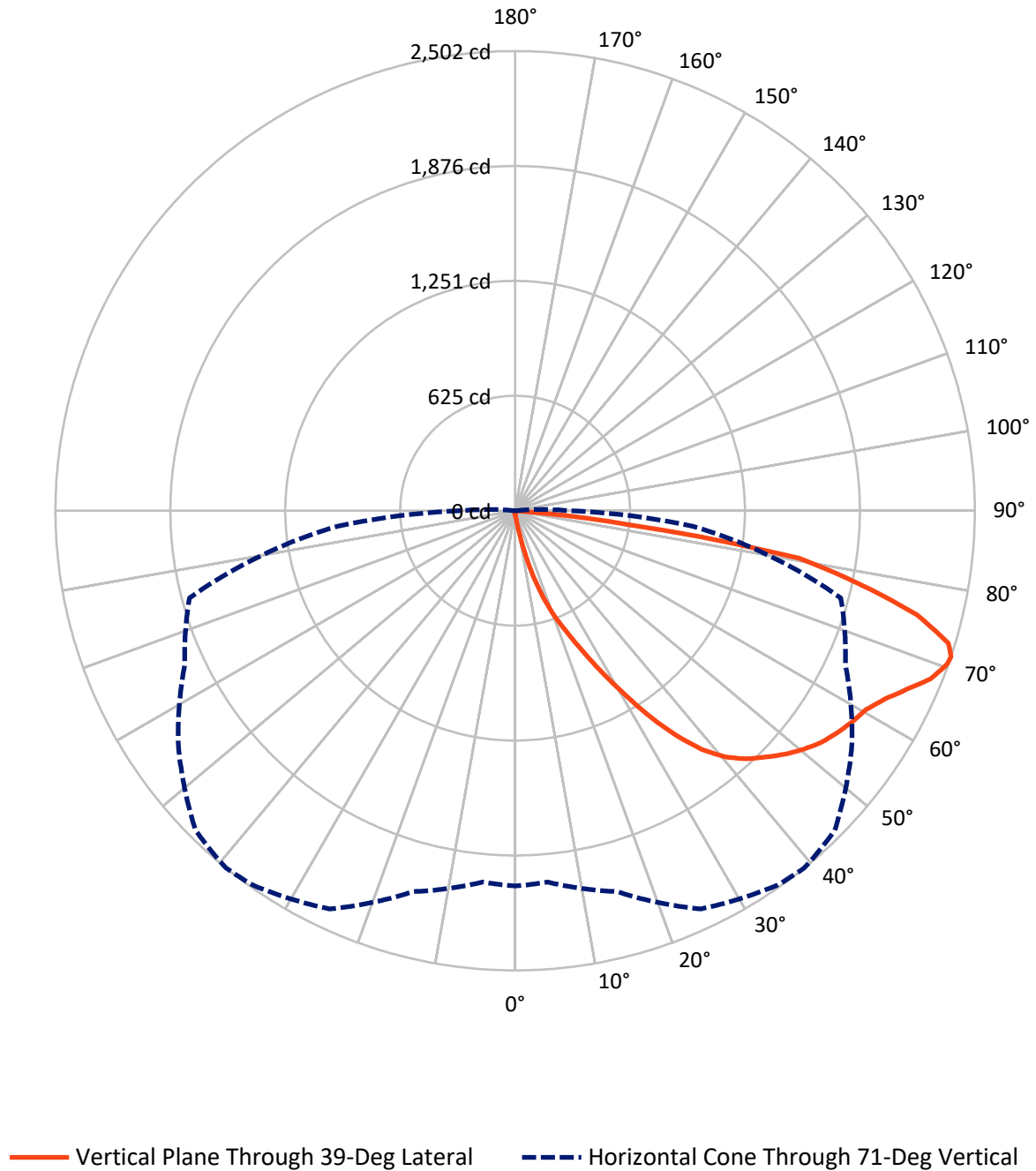


Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.2	0.0	14.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3972.3	0.0	3972.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	3986.4	0.0	3986.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.1
10°-20°	42.6	1.1
20°-30°	151.7	3.8
30°-40°	365.7	9.2
40°-50°	612.0	15.4
50°-60°	786.1	19.7
60°-70°	994.8	25.0
70°-80°	886.9	22.2
80°-90°	143.4	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°	3986.4	100.0
0°-180°	3986.4	100.0



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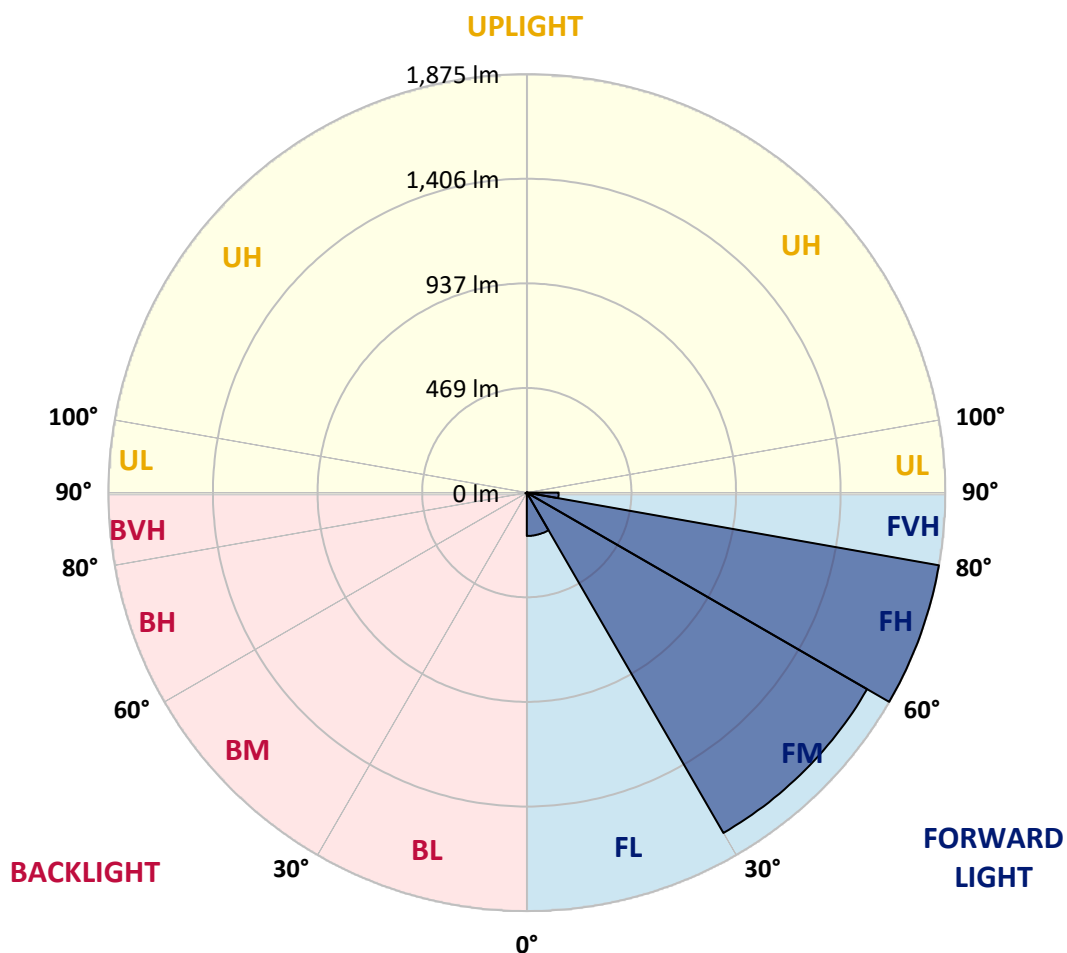
CATALOG NUMBER: GALN-SA1C-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	194.2	4.9			
FM	(30°-60°)	1760.5	44.2			
FH	(60°-80°)	1874.8	47.0			G2/5000
FVH	(80°-90°)	142.7	3.6			G2/225
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	3.3	0.1	B0/220		
BH	(60°-80°)	6.8	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	25.1	25.1	25.1	24.3	24.3	24.0	23.7	23.7	23.2	22.9	22.4
5°	38.1	37.2	35.4	34.3	32.1	30.8	29.4	27.5	25.6	24.3	22.7
7.5°	86.1	88.0	81.8	70.2	58.3	53.2	44.5	35.9	29.7	25.6	22.9
10°	219.4	218.3	197.3	174.1	134.4	118.5	92.8	58.6	38.3	28.1	23.2
12.5°	373.2	372.1	347.3	315.7	263.4	230.2	181.6	109.3	55.1	31.8	23.2
15°	502.5	498.2	490.3	459.0	397.8	370.0	305.8	193.2	89.1	38.3	23.7
17.5°	588.0	584.2	577.0	565.6	526.8	493.8	442.3	303.6	144.1	49.7	24.8
20°	666.6	663.9	657.9	655.8	630.7	613.1	570.5	430.4	224.5	67.5	26.4
22.5°	774.5	768.8	771.3	758.3	733.7	712.7	686.5	563.2	322.8	97.1	29.4
25°	906.7	904.0	897.3	888.1	854.1	835.8	795.5	688.4	432.6	136.0	32.7
27.5°	1066.5	1063.5	1061.9	1040.9	1001.7	981.8	925.6	806.6	556.2	190.5	37.0
30°	1250.5	1251.9	1241.4	1214.4	1168.8	1140.7	1082.9	930.5	682.7	254.5	41.6
32.5°	1441.1	1438.4	1422.2	1390.3	1349.6	1323.4	1250.0	1066.2	815.5	338.9	47.0
35°	1646.4	1641.3	1598.7	1562.2	1527.4	1494.5	1427.6	1223.8	948.3	433.7	54.2
37.5°	1853.7	1829.7	1744.1	1698.0	1673.9	1647.0	1584.6	1391.9	1080.2	539.5	63.1
40°	2010.2	1991.6	1890.1	1805.1	1785.9	1763.0	1716.6	1537.1	1220.6	653.1	73.9
42.5°	2096.8	2086.6	1995.3	1911.4	1866.4	1846.1	1806.4	1664.0	1359.3	778.5	89.6
45°	2133.8	2117.9	2056.9	2017.7	1946.0	1912.5	1865.3	1759.8	1504.2	921.0	111.5
47.5°	2122.4	2113.3	2069.6	2083.9	2031.8	1979.7	1910.3	1833.2	1628.1	1084.6	141.4
50°	2051.2	2043.4	2029.9	2107.3	2100.9	2039.3	1968.6	1891.2	1729.3	1253.2	187.8
52.5°	1915.7	1912.5	1947.0	2089.0	2140.0	2092.0	2024.8	1942.5	1823.7	1429.4	254.2
55°	1741.1	1754.4	1853.1	2060.4	2160.0	2130.8	2074.4	1990.5	1899.5	1587.0	352.2
57.5°	1669.4	1672.9	1796.2	2040.1	2168.9	2165.1	2122.7	2036.4	1969.2	1713.1	501.7
60°	1753.3	1747.9	1812.9	2055.5	2186.7	2195.9	2165.6	2079.0	2029.6	1821.3	700.8
62.5°	1904.9	1902.0	1922.8	2121.1	2238.8	2257.4	2225.3	2109.8	2083.0	1892.5	928.0
65°	2040.4	2034.2	2072.8	2237.4	2330.2	2343.5	2315.4	2162.4	2106.5	1944.3	1141.5
67.5°	2099.0	2097.6	2159.7	2348.1	2426.3	2440.6	2416.1	2235.0	2101.1	1960.8	1235.7
70°	2072.3	2067.1	2166.4	2395.0	2480.6	2496.7	2473.0	2262.0	2042.6	1908.7	1096.2
71°	2042.8	2029.1	2146.2	2391.8	2488.1	2501.9	2460.3	2237.4	1983.7	1834.8	969.6
72.5°	1951.6	1954.1	2090.6	2358.0	2470.0	2466.0	2388.5	2149.4	1912.8	1666.9	778.8
75°	1727.1	1741.4	1910.6	2216.4	2308.7	2257.1	2138.6	1981.3	1770.3	1195.2	540.8
77.5°	1411.4	1432.7	1618.6	1943.8	1917.6	1912.5	1907.6	1745.7	1511.8	642.0	376.2
80°	673.8	720.0	976.4	1387.6	1507.4	1565.5	1529.0	1406.8	1169.0	305.8	224.8
82.5°	44.0	43.4	61.5	116.6	491.4	635.3	1009.3	1005.5	815.0	149.0	91.8
85°	20.8	21.3	23.5	26.7	31.0	34.0	47.0	275.3	389.9	71.0	20.0
87.5°	12.1	12.4	14.6	18.6	24.3	27.0	32.1	41.3	50.7	39.1	4.3
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-SA1C-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	22.1	21.9	21.0	20.2	19.4	18.9	18.6	18.9	18.9	19.2	19.2
5°	22.1	21.3	20.0	18.4	17.3	16.2	15.7	15.4	15.7	15.7	15.7
7.5°	21.9	20.5	18.6	16.7	15.4	14.0	13.5	13.2	13.2	13.5	13.5
10°	21.3	20.0	17.5	15.4	13.8	12.1	11.3	10.5	10.5	10.5	10.8
12.5°	21.0	19.2	16.2	14.0	11.9	10.0	8.4	7.6	7.8	7.8	7.8
15°	20.5	18.4	15.4	12.7	10.0	7.6	6.2	5.4	5.7	5.9	5.7
17.5°	20.5	18.1	14.3	11.1	7.8	5.7	4.6	4.0	4.0	4.3	4.3
20°	20.5	17.5	13.5	9.4	5.9	4.3	3.2	3.0	3.0	3.5	3.8
22.5°	21.0	17.5	12.4	7.8	4.9	3.2	2.4	2.2	2.4	3.0	3.2
25°	21.9	17.3	11.3	7.0	4.0	2.4	1.9	1.3	1.6	2.2	2.4
27.5°	22.7	17.0	10.3	6.2	3.2	1.9	1.3	1.1	0.8	1.1	1.1
30°	23.5	17.0	9.2	5.1	2.7	1.3	0.8	0.5	0.3	0.0	0.0
32.5°	24.0	16.5	8.4	4.0	2.2	1.1	0.5	0.3	0.0	0.0	0.0
35°	24.6	15.9	7.3	3.2	1.6	0.8	0.3	0.0	0.0	0.0	0.0
37.5°	25.1	15.1	6.2	2.7	1.3	0.5	0.0	0.0	0.0	0.0	0.0
40°	25.6	14.0	5.1	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	26.2	13.2	4.3	1.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	27.5	12.7	3.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	30.0	12.1	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	33.5	11.6	3.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	38.3	11.3	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	47.0	11.1	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	61.8	10.8	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	94.7	10.3	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	169.2	10.0	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	295.0	10.3	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	422.9	10.8	1.9	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	361.9	9.4	1.9	1.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0
71°	295.0	8.4	1.9	1.1	0.5	0.3	0.3	0.0	0.0	0.0	0.0
72.5°	189.7	6.5	1.6	1.1	0.5	0.5	0.3	0.0	0.0	0.0	0.0
75°	80.1	5.4	1.6	1.1	0.8	0.5	0.5	0.3	0.0	0.0	0.0
77.5°	34.3	4.0	1.6	1.3	1.1	0.8	0.8	0.5	0.3	0.0	0.0
80°	13.0	3.2	1.9	1.6	1.3	1.3	1.1	0.5	0.3	0.0	0.0
82.5°	5.9	2.7	1.9	1.6	1.6	1.3	1.1	0.8	0.5	0.0	0.0
85°	3.8	2.4	1.9	1.6	1.6	1.3	1.3	0.8	0.5	0.0	0.0
87.5°	3.0	2.4	1.9	1.9	1.6	1.6	1.1	0.8	0.3	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

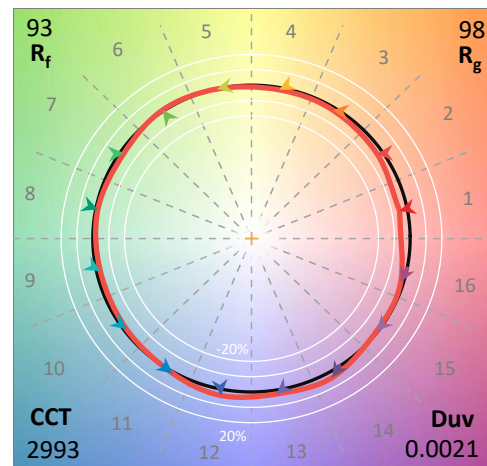
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

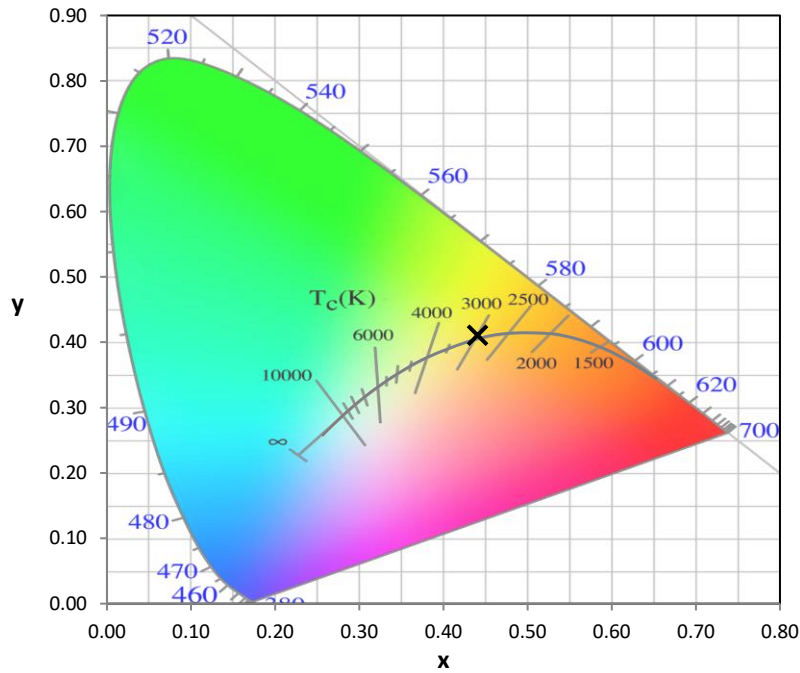
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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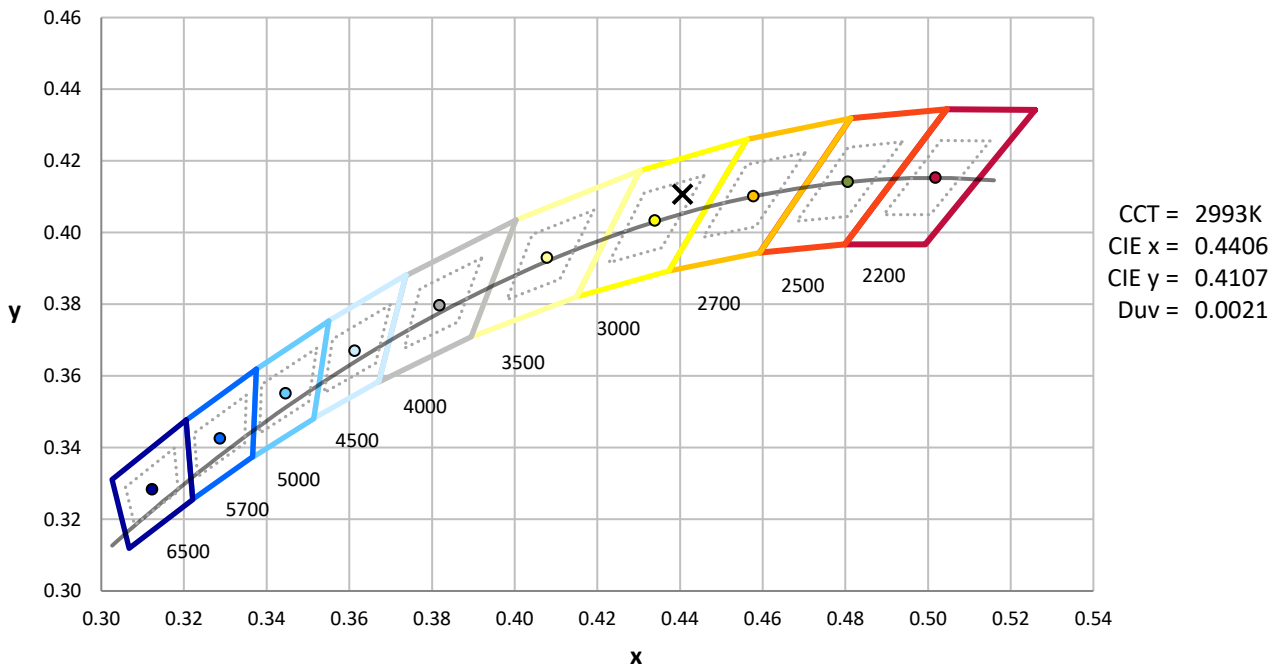
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



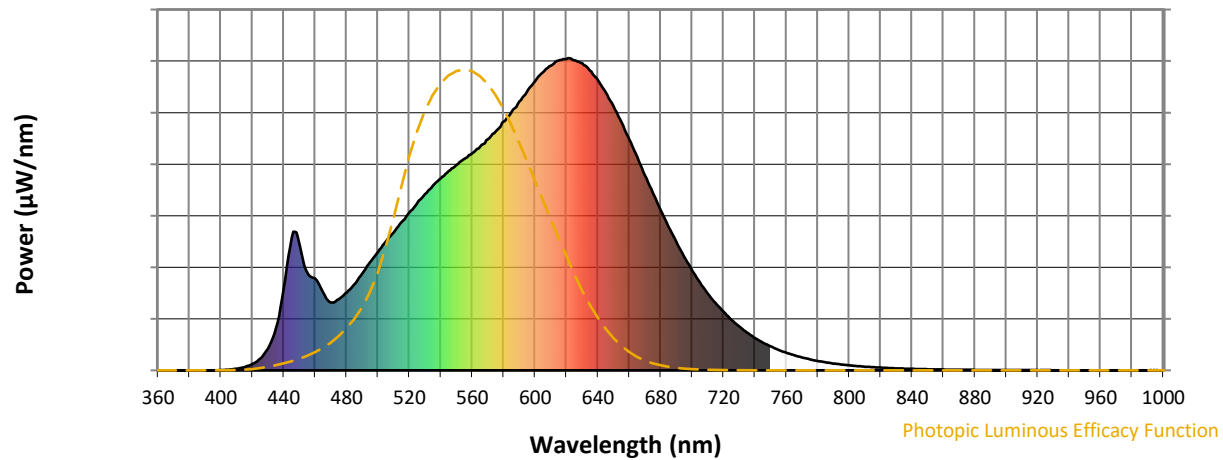
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

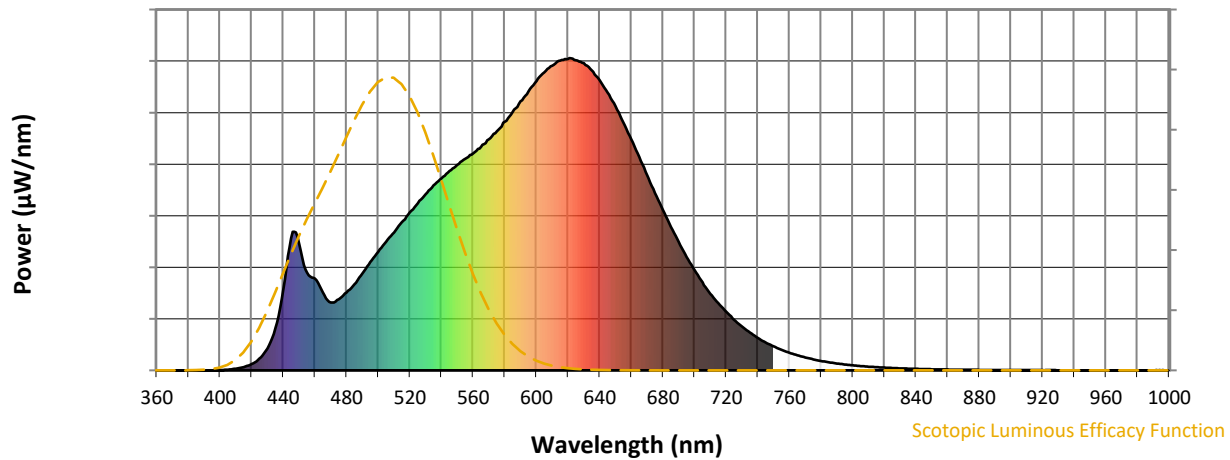


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



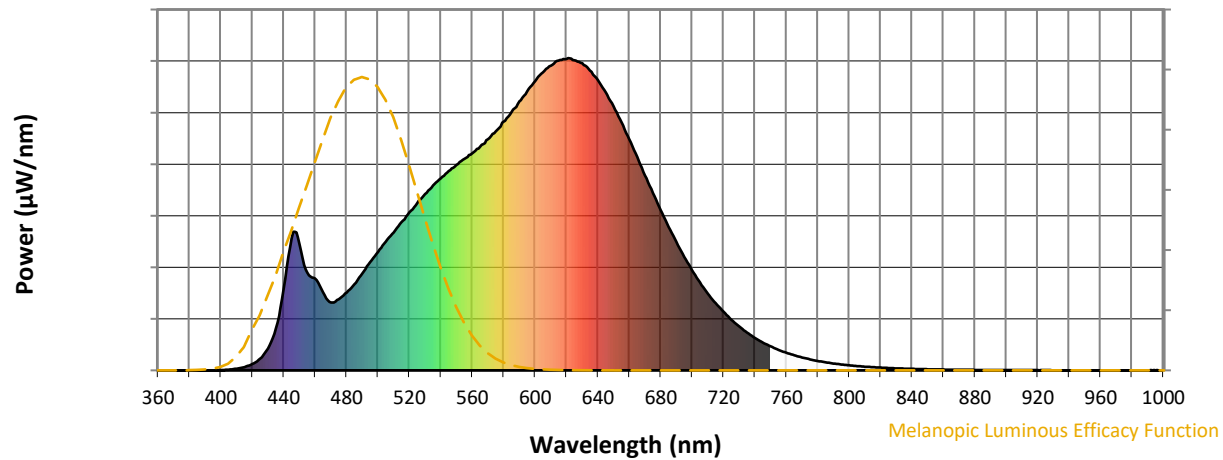
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

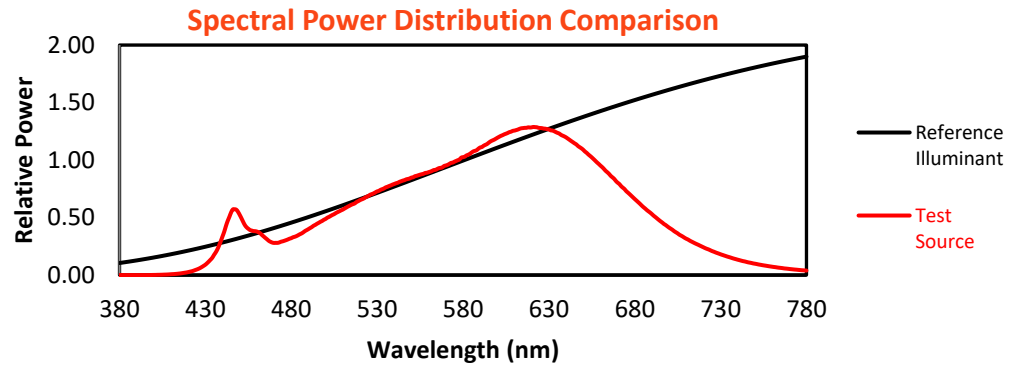
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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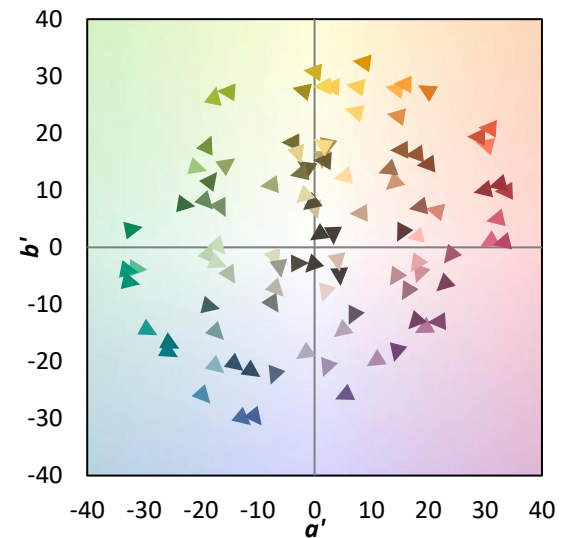
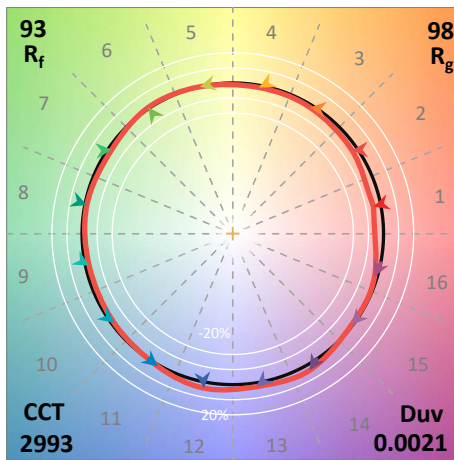
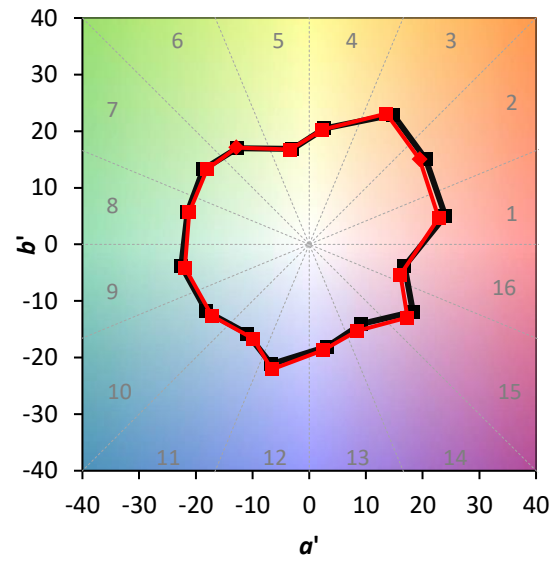
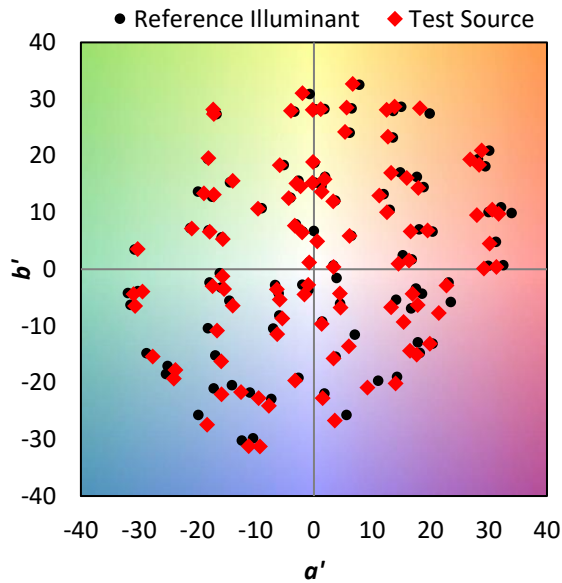
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

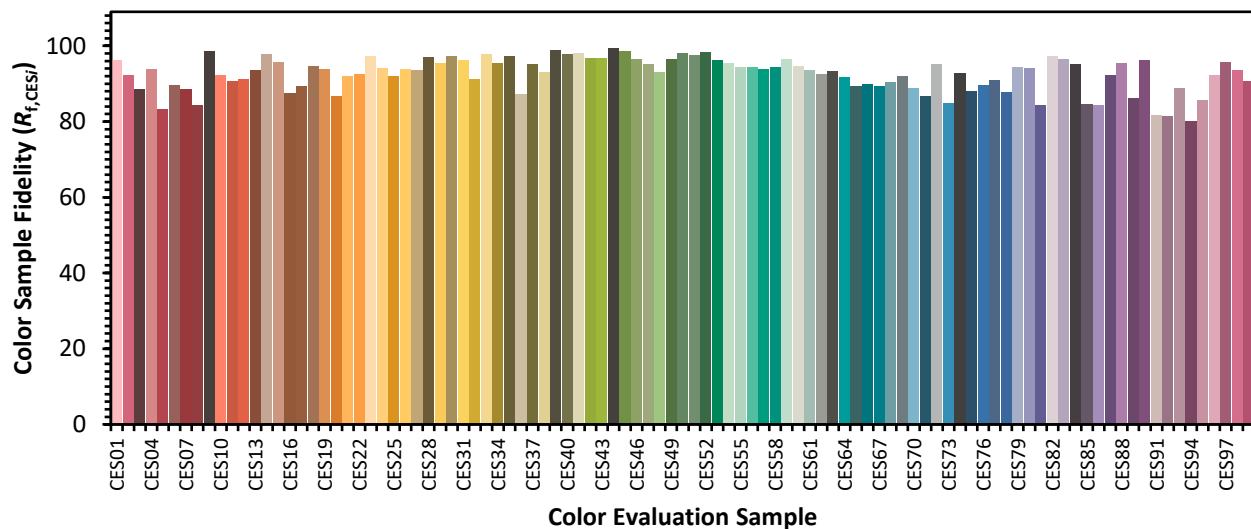


Color Vector Graphics

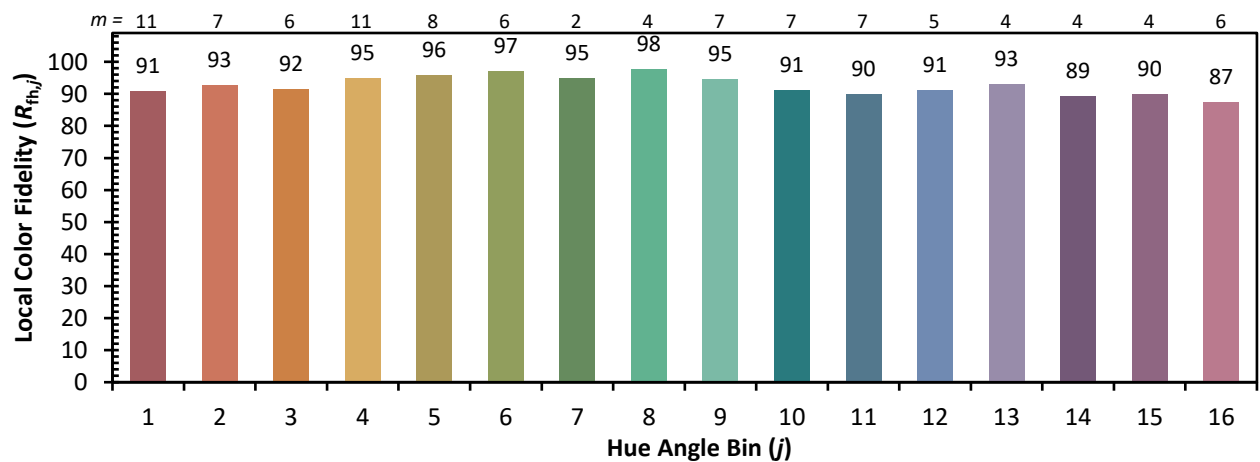
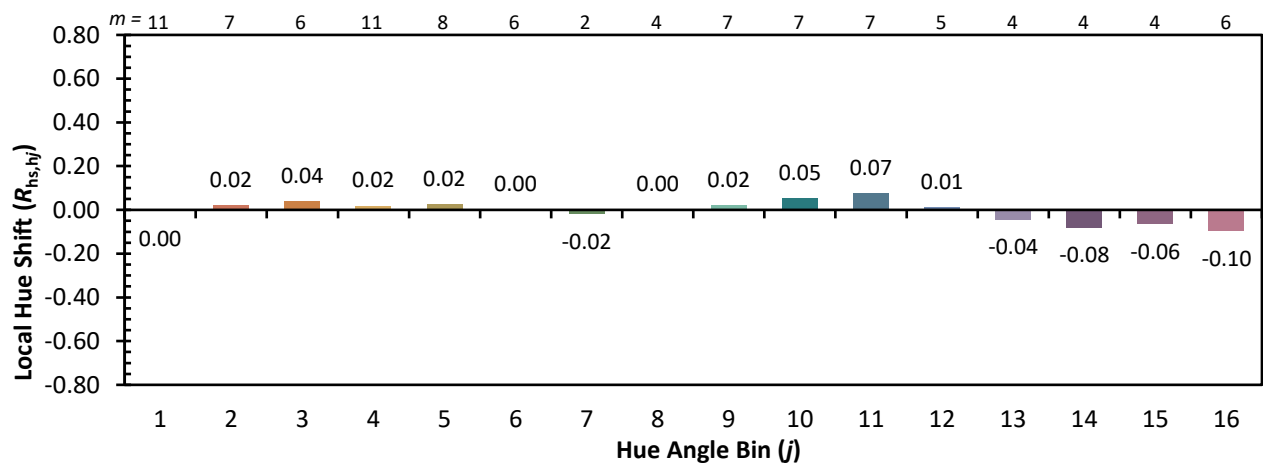
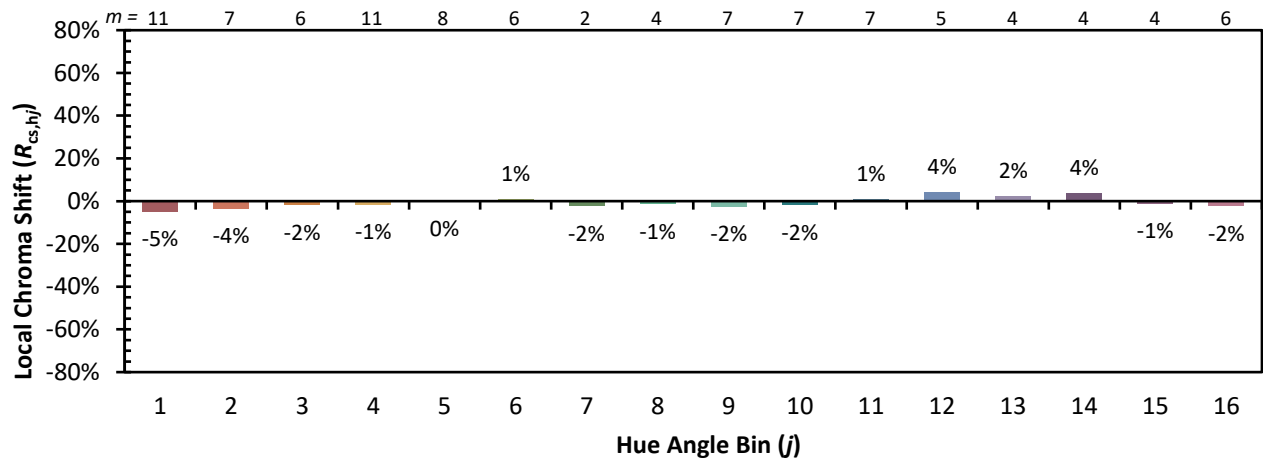


Individual Sample Fidelity Index ($R_{f,i}$)

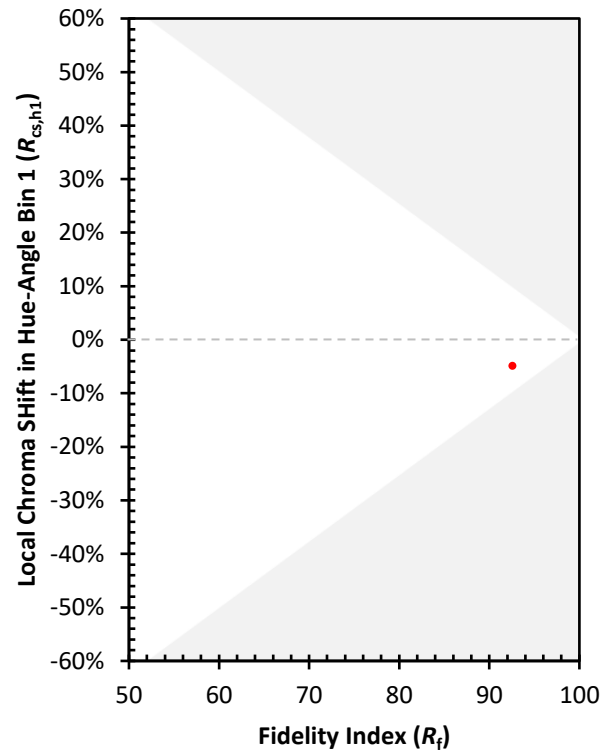
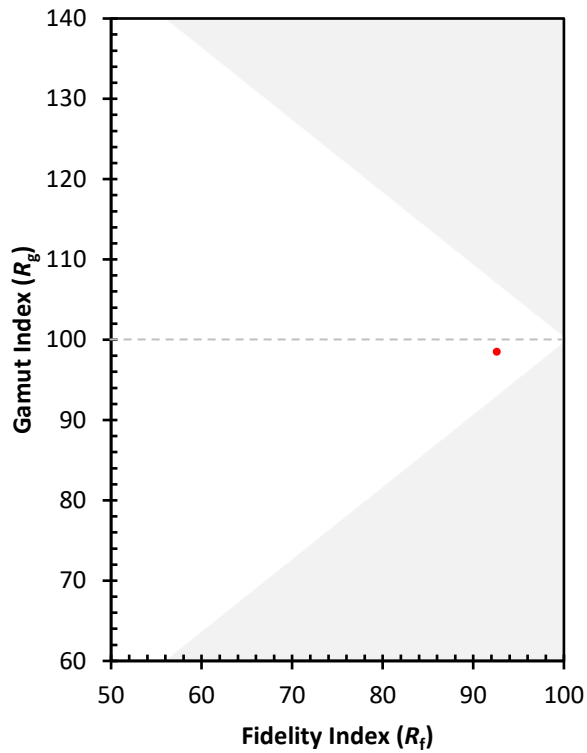
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)