

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: P1048743

Luminaire Tested: **GALN-SA1C-935-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048743
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-935-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4219.5 lumens
Efficiency: N/A
Efficacy: 84.1 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

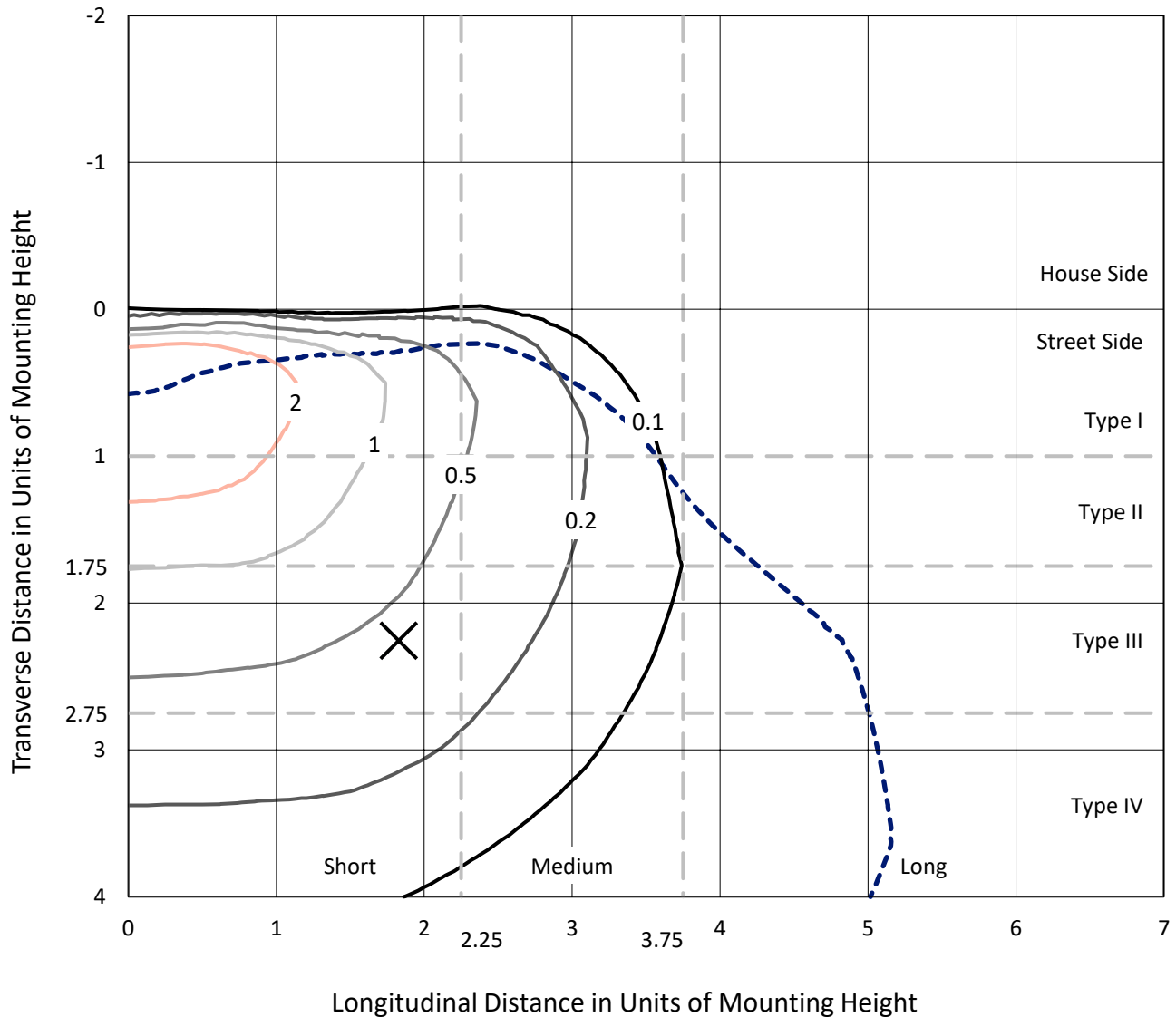


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

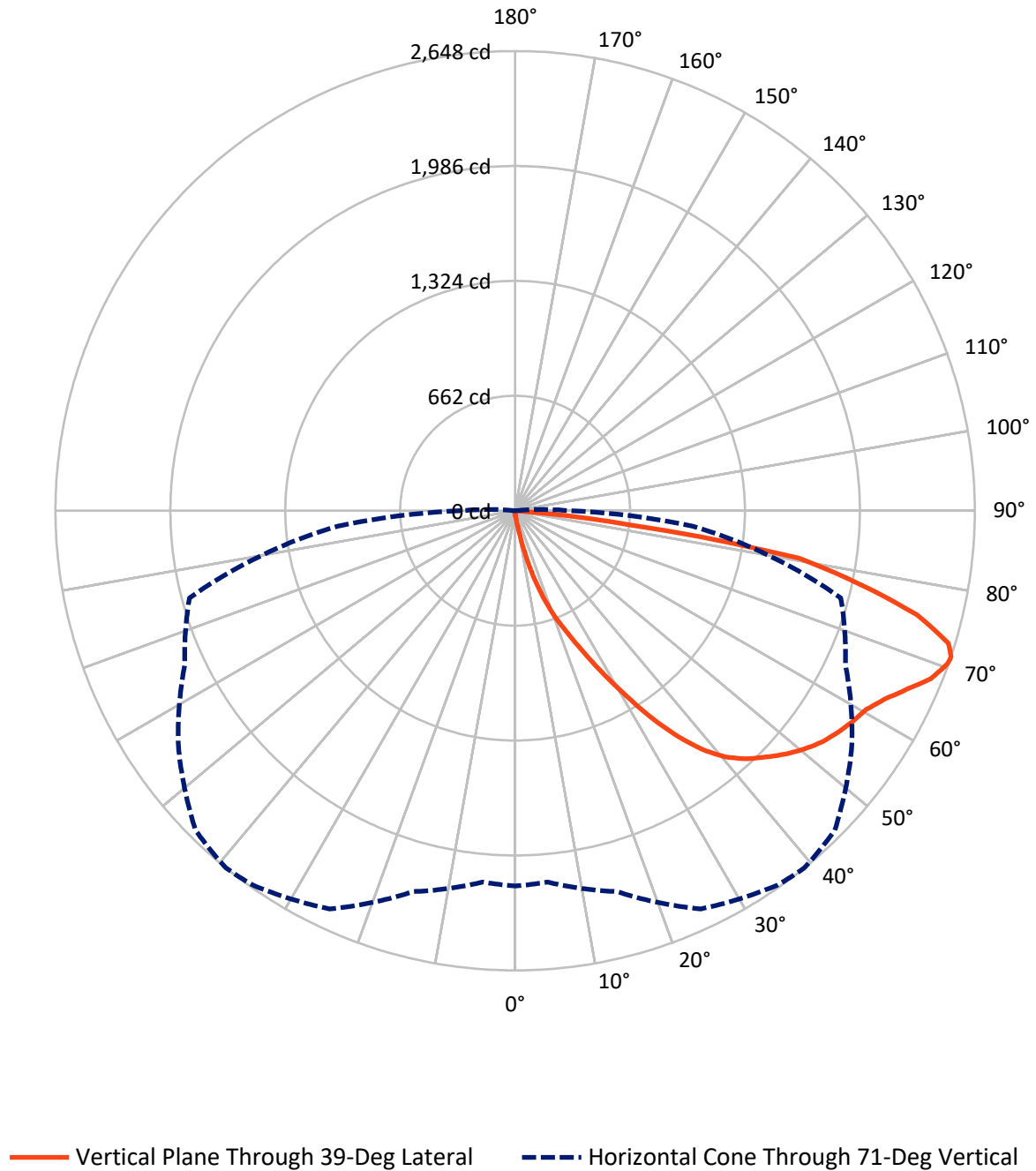


Based on 15 foot mounting height. Maximum calculated value = 4.3 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA1C-935-U-T4BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.0	0.0	15.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4204.5	0.0	4204.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	4219.5	0.0	4219.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.1
10°-20°	45.1	1.1
20°-30°	160.6	3.8
30°-40°	387.1	9.2
40°-50°	647.8	15.4
50°-60°	832.0	19.7
60°-70°	1052.9	25.0
70°-80°	938.7	22.2
80°-90°	151.7	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°	4219.5	100.0
0°-180°	4219.5	100.0



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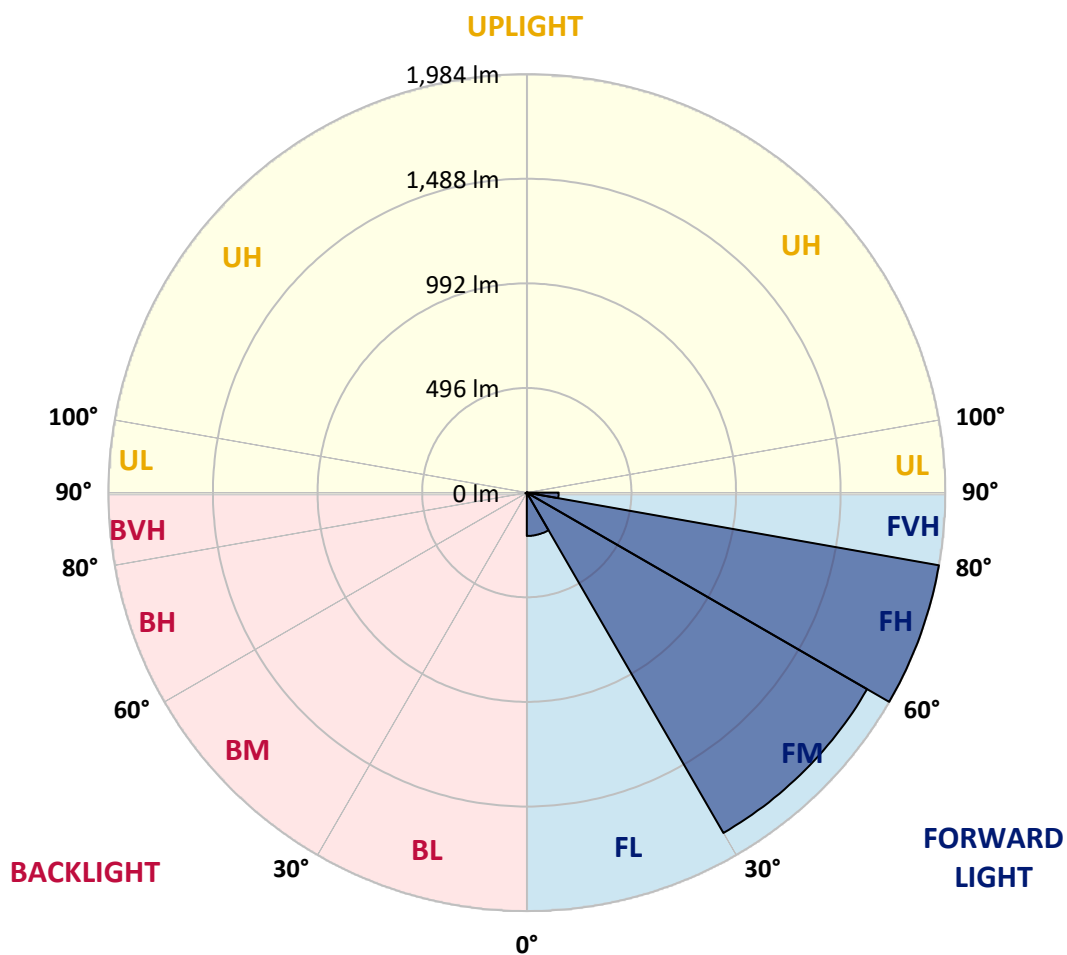
CATALOG NUMBER: GALN-SA1C-935-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	205.6	4.9			
FM	(30°-60°)	1863.4	44.2			
FH	(60°-80°)	1984.4	47.0			G2/5000
FVH	(80°-90°)	151.0	3.6			G2/225
BL	(0°-30°)	3.6	0.1	B0/110		
BM	(30°-60°)	3.5	0.1	B0/220		
BH	(60°-80°)	7.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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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CATALOG NUMBER: GALN-SA1C-935-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
2.5°	26.6	26.6	26.6	25.7	25.7	25.4	25.1	25.1	24.6	24.3	23.7
5°	40.3	39.4	37.4	36.3	34.0	32.6	31.1	29.1	27.1	25.7	24.0
7.5°	91.1	93.1	86.5	74.3	61.7	56.3	47.1	38.0	31.4	27.1	24.3
10°	232.2	231.1	208.8	184.2	142.2	125.4	98.3	62.0	40.6	29.7	24.6
12.5°	395.0	393.9	367.6	334.2	278.8	243.6	192.2	115.7	58.3	33.7	24.6
15°	531.9	527.3	519.0	485.9	421.0	391.6	323.6	204.5	94.3	40.6	25.1
17.5°	622.4	618.4	610.7	598.7	557.6	522.7	468.2	321.3	152.5	52.6	26.3
20°	705.5	702.7	696.4	694.1	667.5	649.0	603.8	455.6	237.6	71.4	28.0
22.5°	819.8	813.8	816.3	802.6	776.6	754.4	726.7	596.1	341.6	102.8	31.1
25°	959.7	956.9	949.7	940.0	904.0	884.6	842.1	728.7	457.9	144.0	34.6
27.5°	1128.8	1125.7	1124.0	1101.7	1060.3	1039.1	979.7	853.8	588.7	201.7	39.1
30°	1323.6	1325.1	1313.9	1285.4	1237.1	1207.4	1146.3	984.9	722.7	269.4	44.0
32.5°	1525.3	1522.4	1505.3	1471.6	1428.5	1400.8	1323.1	1128.5	863.2	358.8	49.7
35°	1742.7	1737.2	1692.1	1653.5	1616.7	1581.8	1511.0	1295.4	1003.7	459.0	57.4
37.5°	1962.0	1936.6	1846.1	1797.2	1771.8	1743.2	1677.3	1473.3	1143.4	571.0	66.8
40°	2127.7	2108.0	2000.6	1910.6	1890.3	1866.1	1816.9	1627.0	1291.9	691.2	78.3
42.5°	2219.4	2208.5	2112.0	2023.2	1975.5	1954.0	1912.0	1761.2	1438.7	824.1	94.8
45°	2258.5	2241.7	2177.1	2135.7	2059.7	2024.3	1974.3	1862.6	1592.1	974.9	118.0
47.5°	2246.5	2236.8	2190.5	2205.7	2150.5	2095.4	2022.0	1940.3	1723.2	1148.0	149.7
50°	2171.1	2162.8	2148.5	2230.5	2223.7	2158.5	2083.7	2001.7	1830.4	1326.5	198.8
52.5°	2027.7	2024.3	2060.9	2211.1	2265.1	2214.2	2143.1	2056.0	1930.3	1513.0	269.1
55°	1842.9	1856.9	1961.5	2180.8	2286.2	2255.4	2195.7	2106.8	2010.6	1679.8	372.8
57.5°	1766.9	1770.7	1901.2	2159.4	2295.7	2291.7	2246.8	2155.4	2084.3	1813.2	531.0
60°	1855.8	1850.1	1918.9	2175.7	2314.5	2324.2	2292.2	2200.5	2148.3	1927.8	741.8
62.5°	2016.3	2013.2	2035.2	2245.1	2369.6	2389.3	2355.3	2233.1	2204.8	2003.2	982.3
65°	2159.7	2153.1	2194.0	2368.2	2466.5	2480.5	2450.8	2288.8	2229.7	2058.0	1208.2
67.5°	2221.7	2220.2	2285.9	2485.3	2568.1	2583.3	2557.3	2365.6	2224.0	2075.4	1307.9
70°	2193.4	2188.0	2293.1	2535.0	2625.6	2642.7	2617.6	2394.2	2162.0	2020.3	1160.3
71°	2162.3	2147.7	2271.7	2531.6	2633.6	2648.1	2604.1	2368.2	2099.7	1942.0	1026.3
72.5°	2065.7	2068.3	2212.8	2495.9	2614.4	2610.1	2528.2	2275.1	2024.6	1764.4	824.3
75°	1828.1	1843.2	2022.3	2345.9	2443.6	2389.1	2263.7	2097.1	1873.8	1265.1	572.4
77.5°	1493.9	1516.4	1713.2	2057.4	2029.7	2024.3	2019.2	1847.8	1600.1	679.5	398.2
80°	713.2	762.1	1033.4	1468.7	1595.6	1657.0	1618.4	1489.0	1237.4	323.6	237.9
82.5°	46.6	46.0	65.1	123.4	520.1	672.4	1068.3	1064.3	862.6	157.7	97.1
85°	22.0	22.6	24.9	28.3	32.8	36.0	49.7	291.3	412.7	75.1	21.1
87.5°	12.9	13.1	15.4	19.7	25.7	28.6	34.0	43.7	53.7	41.4	4.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048743

CATALOG NUMBER: GALN-SA1C-935-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
2.5°	23.4	23.1	22.3	21.4	20.6	20.0	19.7	20.0	20.0	20.3	20.3
5°	23.4	22.6	21.1	19.4	18.3	17.1	16.6	16.3	16.6	16.6	16.6
7.5°	23.1	21.7	19.7	17.7	16.3	14.9	14.3	14.0	14.0	14.3	14.3
10°	22.6	21.1	18.6	16.3	14.6	12.9	12.0	11.1	11.1	11.1	11.4
12.5°	22.3	20.3	17.1	14.9	12.6	10.6	8.9	8.0	8.3	8.3	8.3
15°	21.7	19.4	16.3	13.4	10.6	8.0	6.6	5.7	6.0	6.3	6.0
17.5°	21.7	19.1	15.1	11.7	8.3	6.0	4.9	4.3	4.3	4.6	4.6
20°	21.7	18.6	14.3	10.0	6.3	4.6	3.4	3.1	3.1	3.7	4.0
22.5°	22.3	18.6	13.1	8.3	5.1	3.4	2.6	2.3	2.6	3.1	3.4
25°	23.1	18.3	12.0	7.4	4.3	2.6	2.0	1.4	1.7	2.3	2.6
27.5°	24.0	18.0	10.9	6.6	3.4	2.0	1.4	1.1	0.9	1.1	1.1
30°	24.9	18.0	9.7	5.4	2.9	1.4	0.9	0.6	0.3	0.0	0.0
32.5°	25.4	17.4	8.9	4.3	2.3	1.1	0.6	0.3	0.0	0.0	0.0
35°	26.0	16.9	7.7	3.4	1.7	0.9	0.3	0.0	0.0	0.0	0.0
37.5°	26.6	16.0	6.6	2.9	1.4	0.6	0.0	0.0	0.0	0.0	0.0
40°	27.1	14.9	5.4	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	27.7	14.0	4.6	2.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	29.1	13.4	3.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	31.7	12.9	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	35.4	12.3	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	40.6	12.0	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	49.7	11.7	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	65.4	11.4	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	100.3	10.9	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	179.1	10.6	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	312.2	10.9	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	447.6	11.4	2.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	383.0	10.0	2.0	1.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0
71°	312.2	8.9	2.0	1.1	0.6	0.3	0.3	0.0	0.0	0.0	0.0
72.5°	200.8	6.9	1.7	1.1	0.6	0.6	0.3	0.0	0.0	0.0	0.0
75°	84.8	5.7	1.7	1.1	0.9	0.6	0.6	0.3	0.0	0.0	0.0
77.5°	36.3	4.3	1.7	1.4	1.1	0.9	0.9	0.6	0.3	0.0	0.0
80°	13.7	3.4	2.0	1.7	1.4	1.4	1.1	0.6	0.3	0.0	0.0
82.5°	6.3	2.9	2.0	1.7	1.7	1.4	1.1	0.9	0.6	0.0	0.0
85°	4.0	2.6	2.0	1.7	1.7	1.4	1.4	0.9	0.6	0.0	0.0
87.5°	3.1	2.6	2.0	2.0	1.7	1.7	1.1	0.9	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

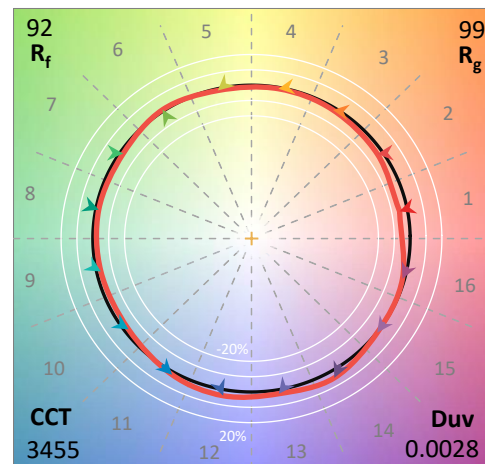
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

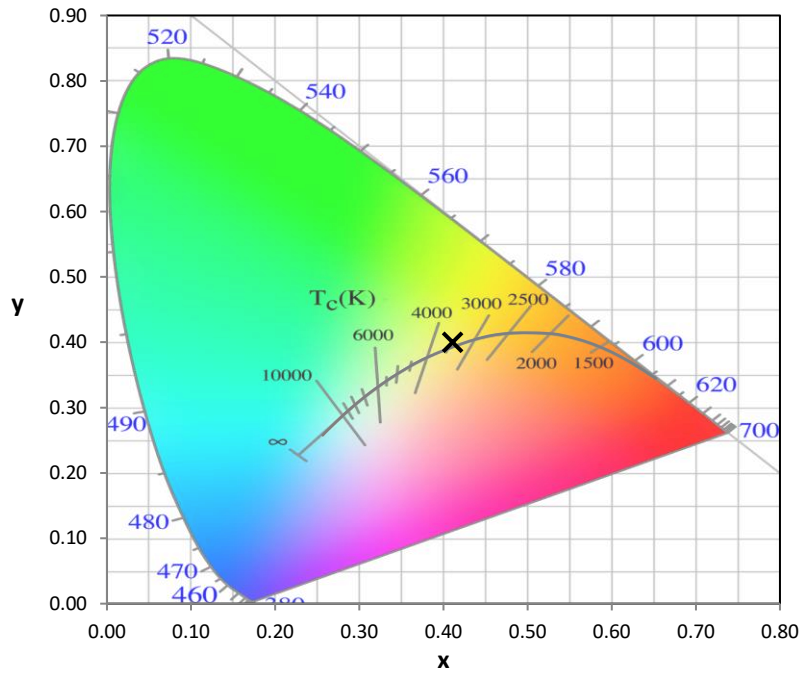
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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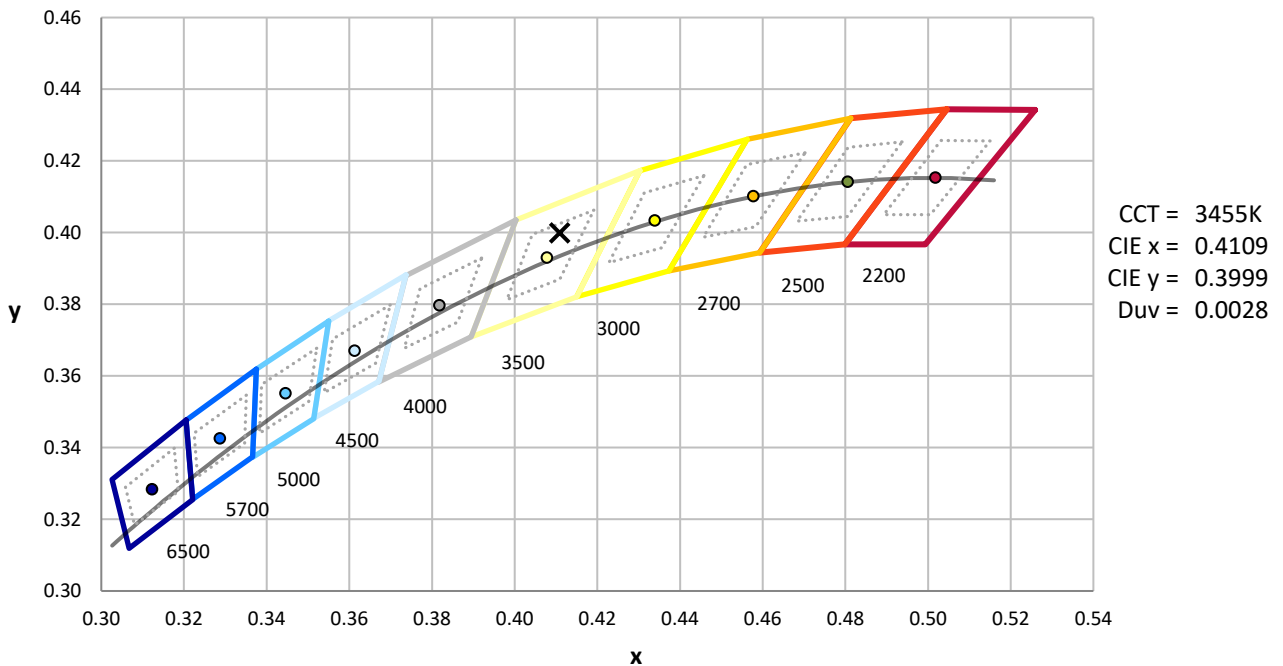
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



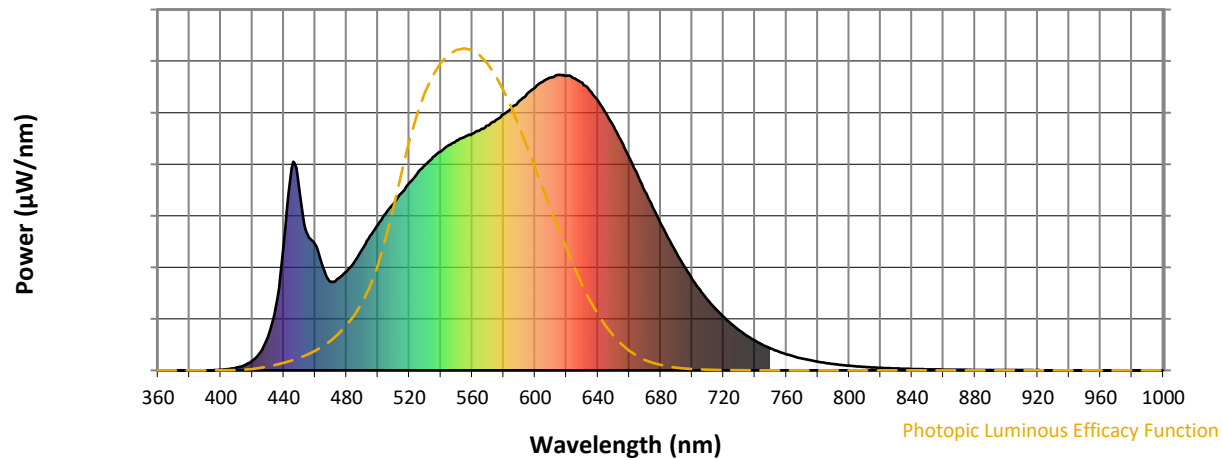
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

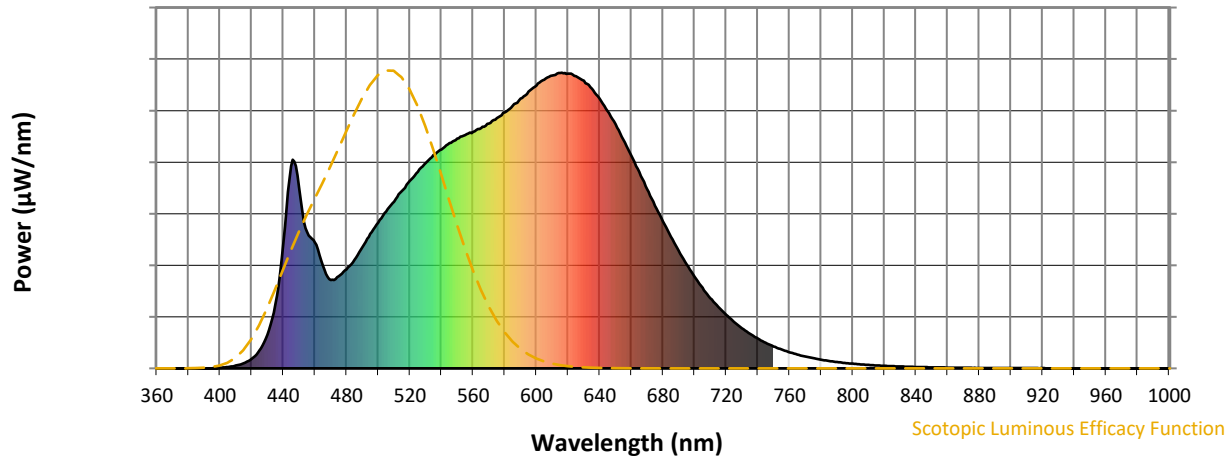


Photopic Lumens: NR

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



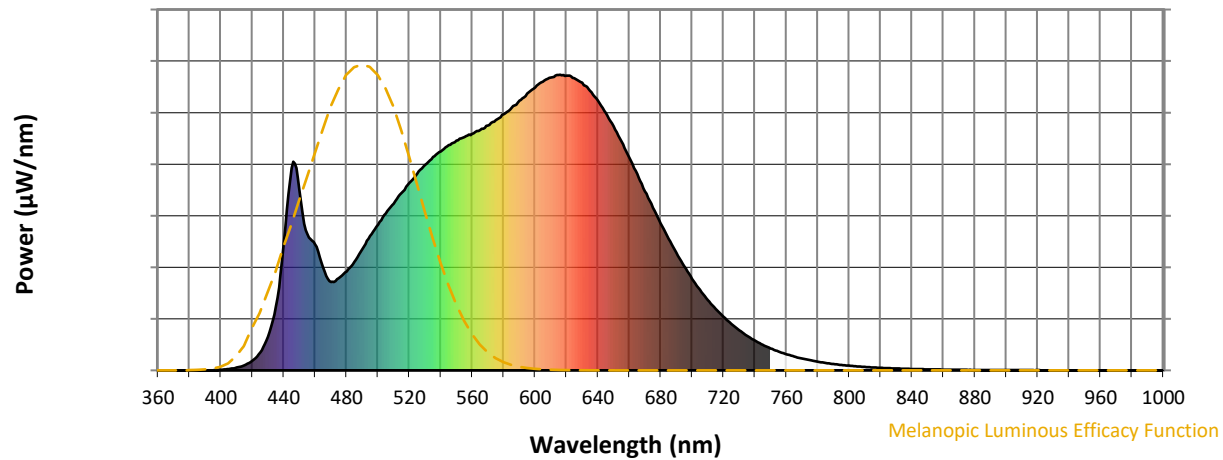
Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

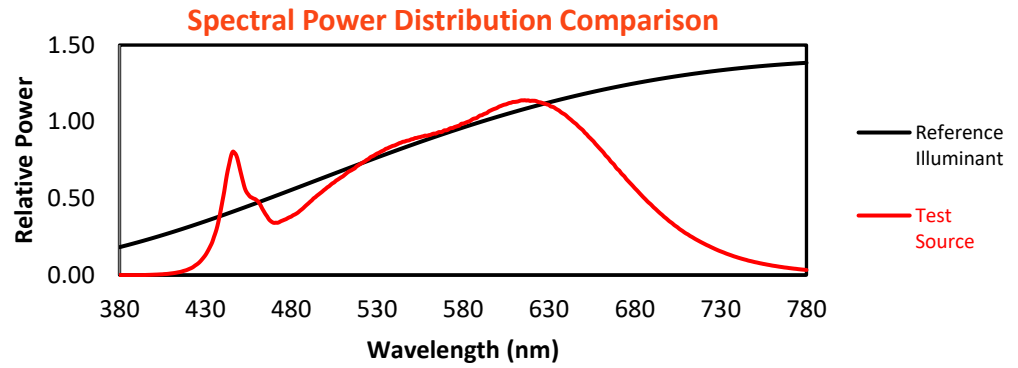
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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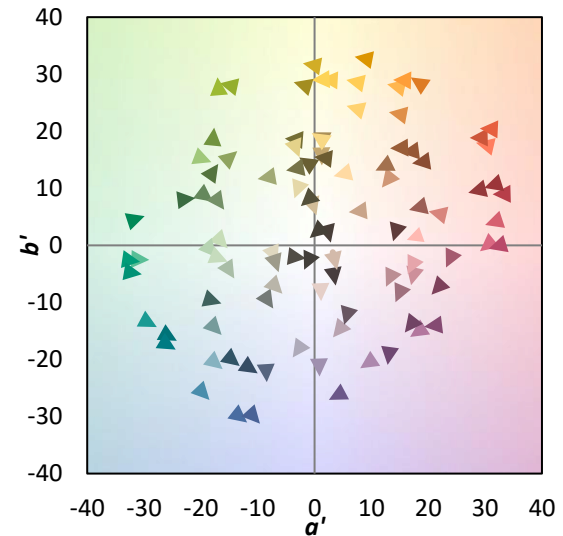
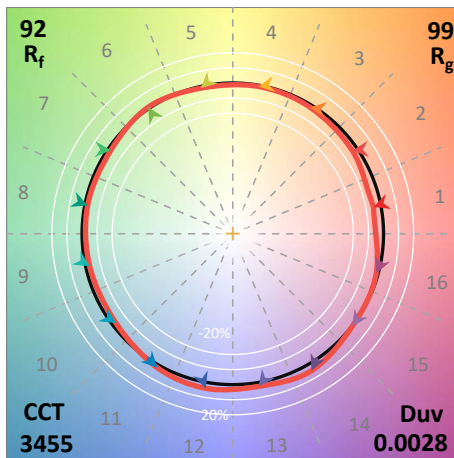
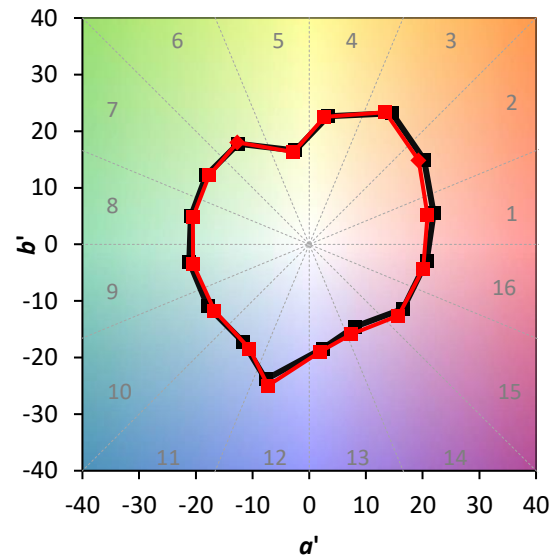
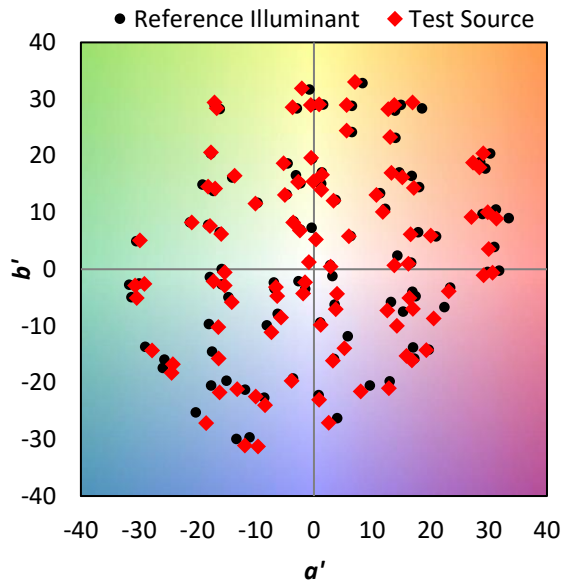
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 CIE $R_a = 92.2$
 $R_9 = 59.8$

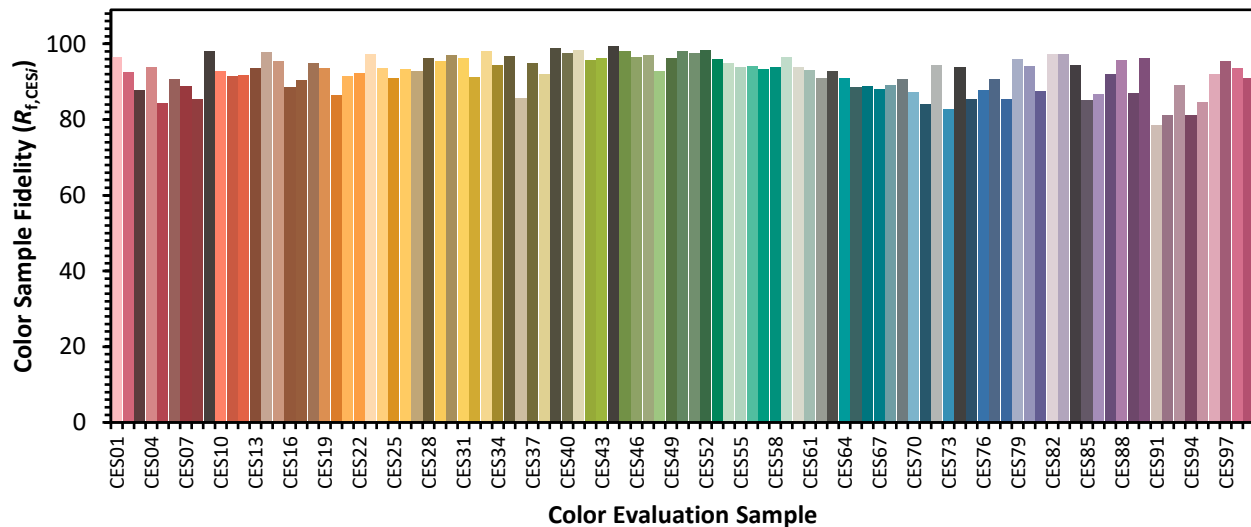


Color Vector Graphics

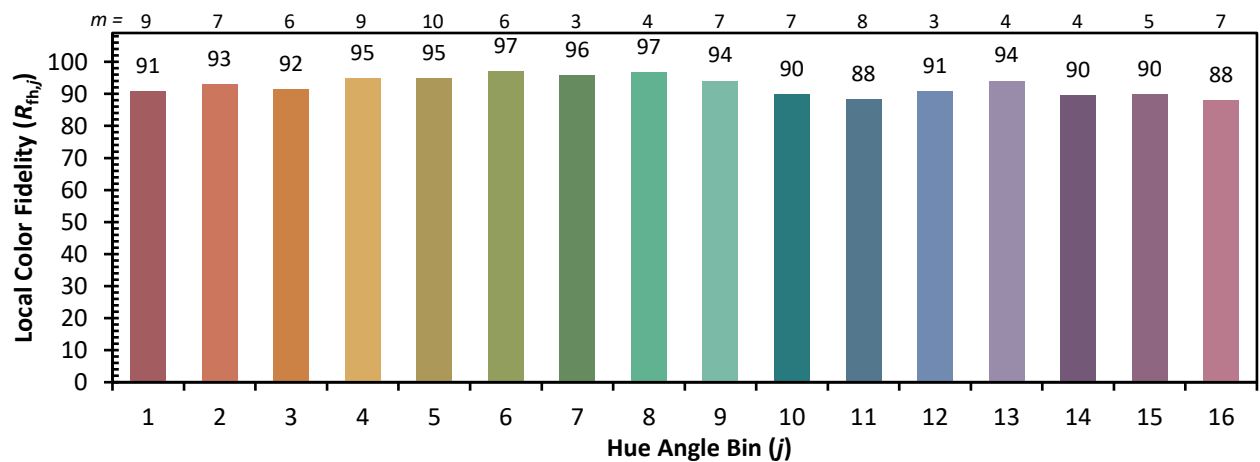
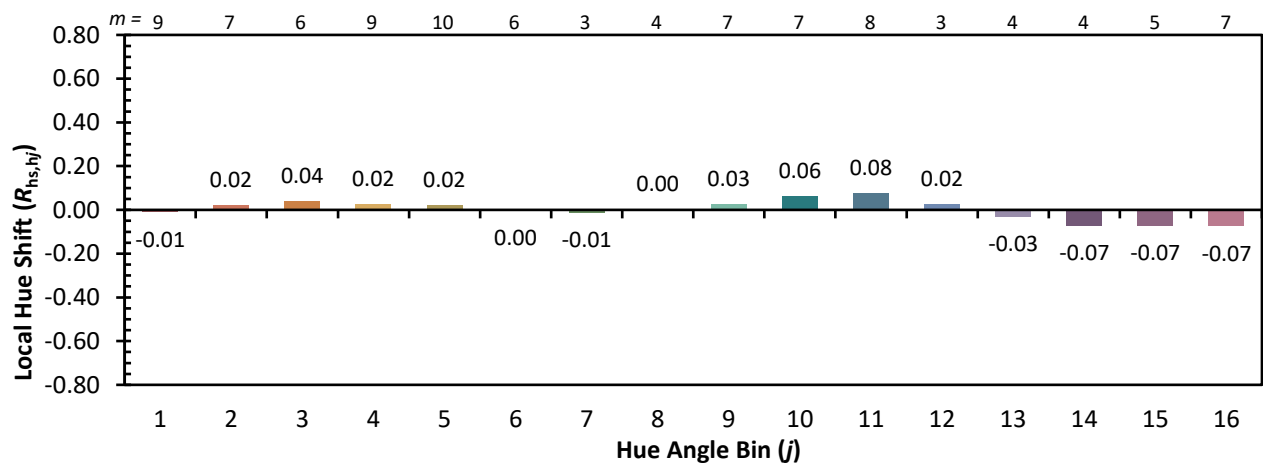
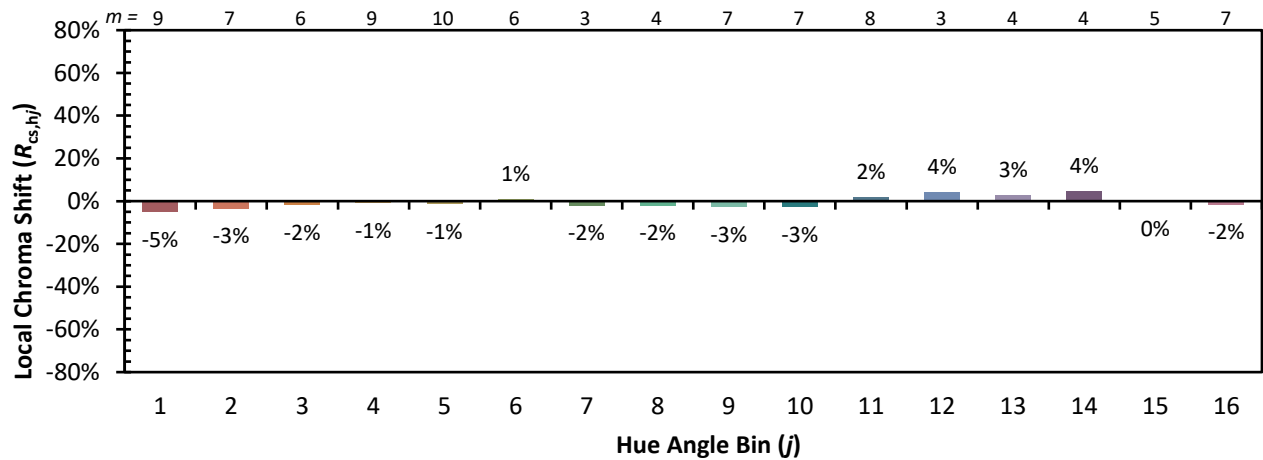


Individual Sample Fidelity Index ($R_{f,i}$)

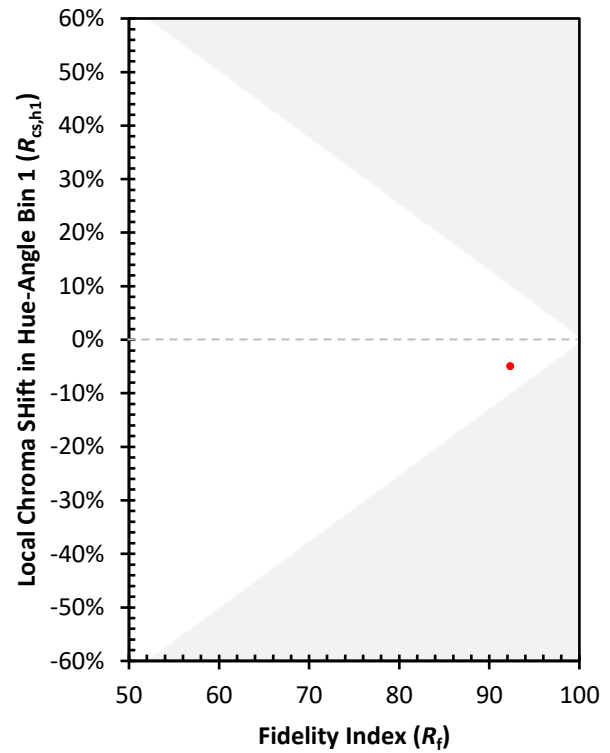
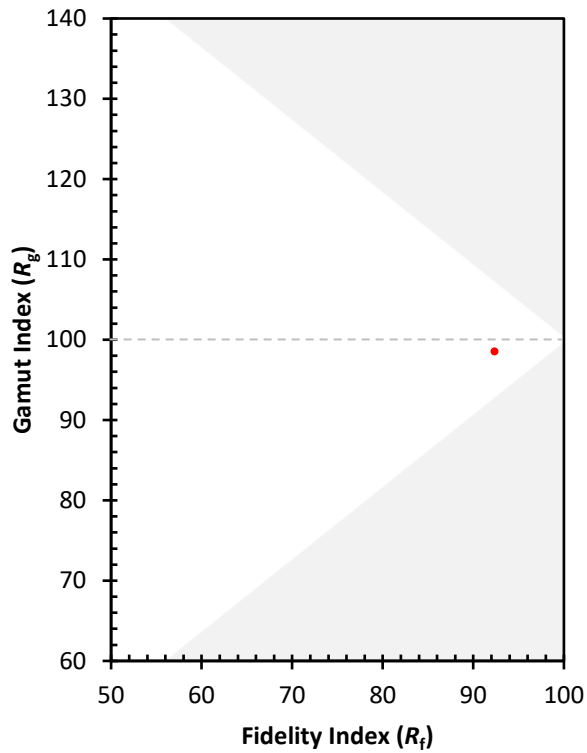
CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)