

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: P1047481

Luminaire Tested: **GALN-SA1A-930-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047481
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-930-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2642.8 lumens
Efficiency: N/A
Efficacy: 91.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
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



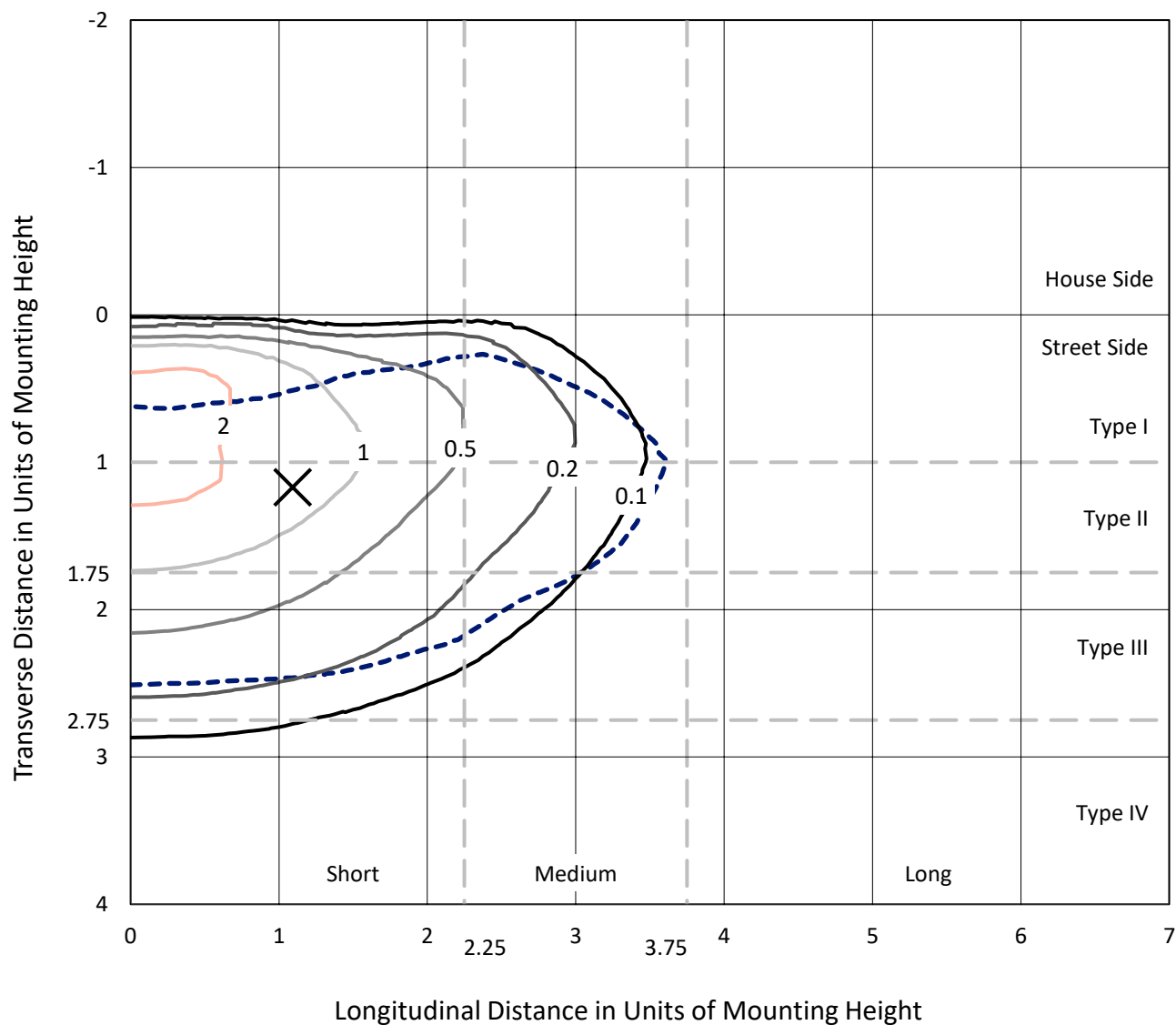
REPORT NUMBER: P1047481

CATALOG NUMBER: GALN-SA1A-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

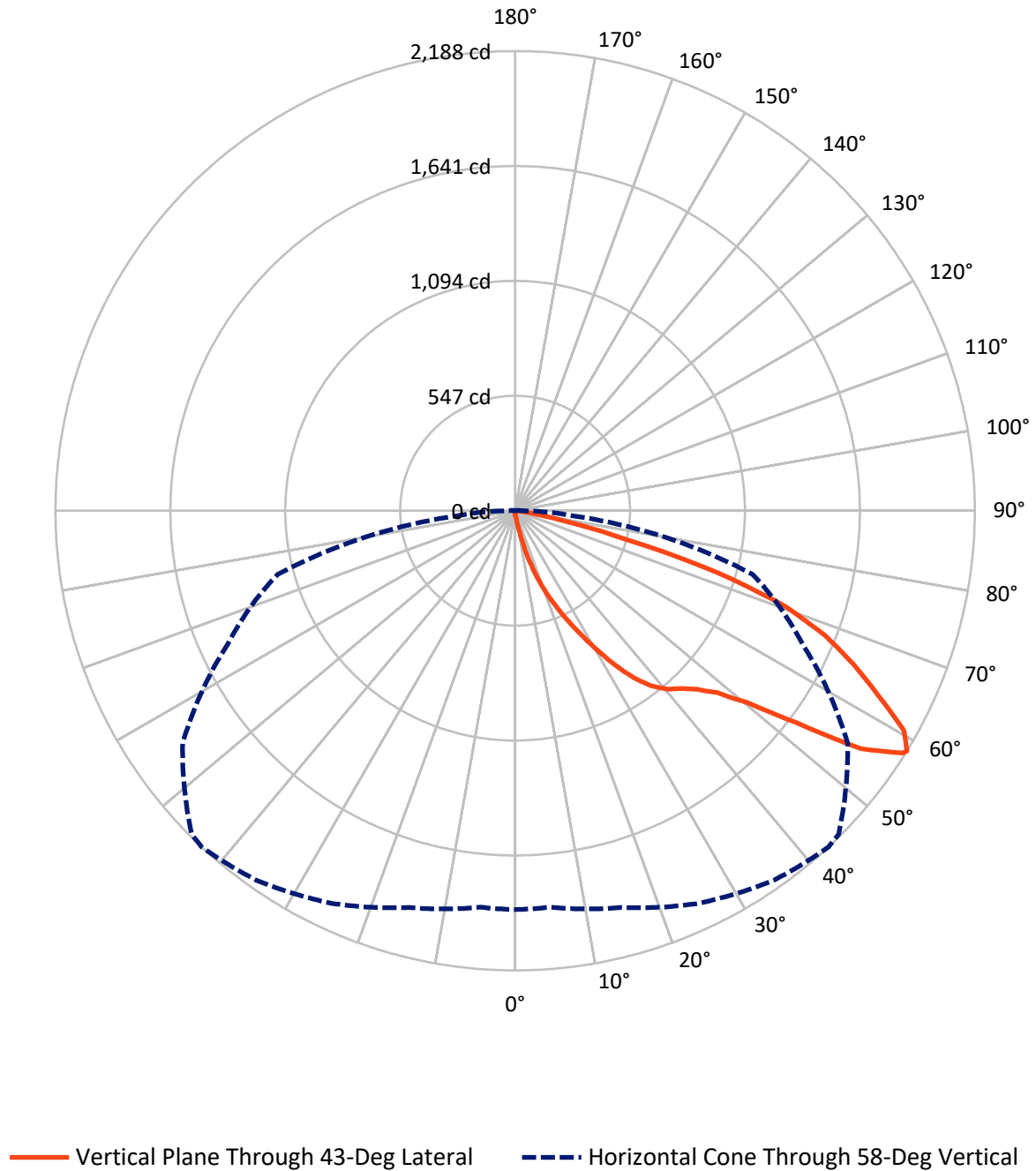


Based on 15 foot mounting height. Maximum calculated value = 3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9.7	0.0	9.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	2633.1	0.0	2633.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	2642.8	0.0	2642.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.5	0.1
10°-20°	30.4	1.1
20°-30°	109.5	4.1
30°-40°	250.5	9.5
40°-50°	422.5	16.0
50°-60°	697.3	26.4
60°-70°	779.3	29.5
70°-80°	321.8	12.2
80°-90°	29.0	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°	2642.8	100.0
0°-180°	2642.8	100.0



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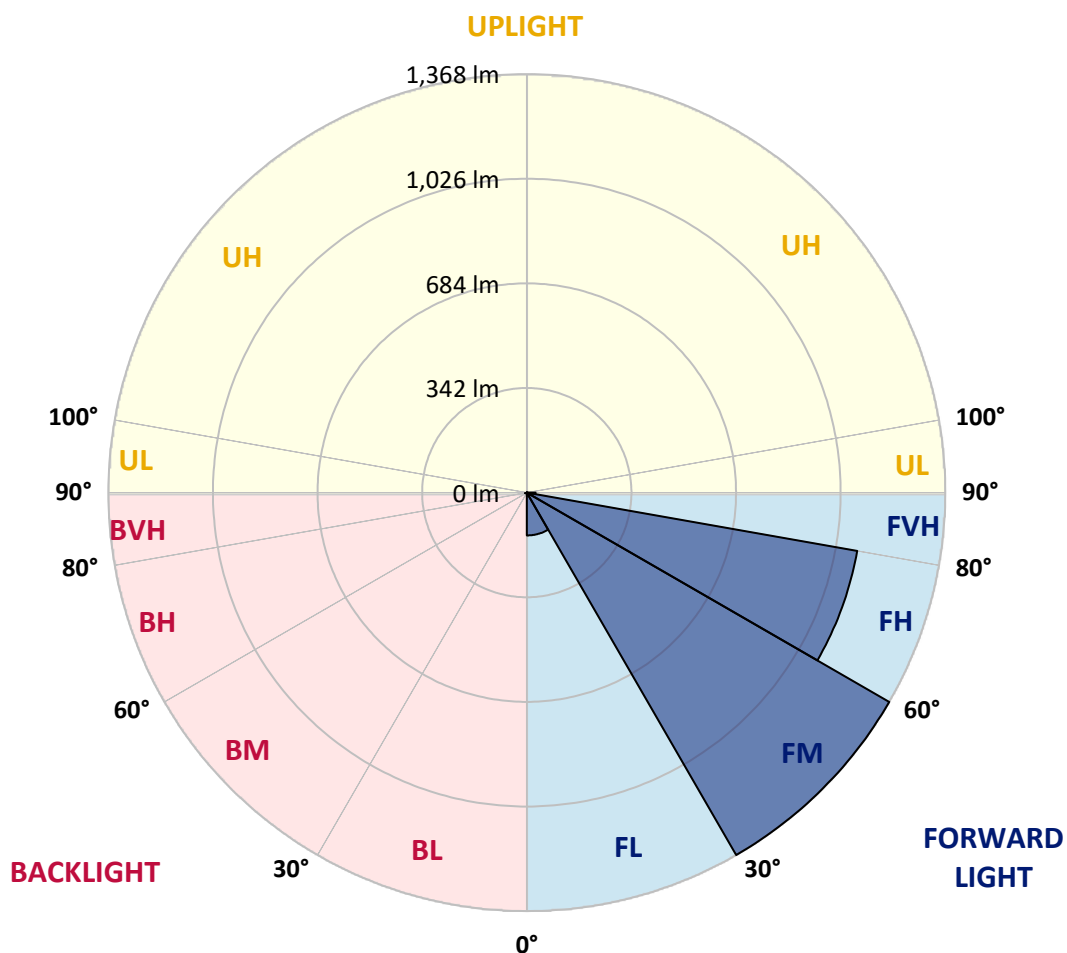
CATALOG NUMBER: GALN-SA1A-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	139.9	5.3			
FM	(30°-60°)	1368.0	51.8			
FH	(60°-80°)	1096.6	41.5			G1/1800
FVH	(80°-90°)	28.6	1.1			G1/100
BL	(0°-30°)	2.5	0.1	B0/110		
BM	(30°-60°)	2.3	0.1	B0/220		
BH	(60°-80°)	4.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.4	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-G1

Type III Short



REPORT NUMBER: P1047481

CATALOG NUMBER: GALN-SA1A-930-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
2.5°	20.7	21.4	20.7	20.7	20.7	20.0	20.0	19.4	19.4	18.7	18.0
5°	30.4	30.4	28.3	27.0	25.6	24.9	24.2	22.8	21.4	20.0	18.7
7.5°	67.7	67.7	61.5	53.2	42.2	35.9	34.6	28.3	24.2	21.4	18.7
10°	161.7	161.7	147.9	125.1	96.8	71.9	64.3	40.8	29.0	22.8	19.4
12.5°	268.9	272.3	255.0	226.0	183.9	140.3	125.1	74.6	38.7	24.9	19.4
15°	364.9	356.7	351.8	324.2	284.1	232.2	212.9	125.8	56.0	28.3	19.4
17.5°	429.9	429.9	423.0	404.3	367.7	322.1	306.2	203.2	90.5	32.5	20.0
20°	506.0	506.0	493.5	480.4	447.9	409.2	394.0	288.9	140.3	41.5	20.0
22.5°	597.9	599.3	585.4	561.9	530.8	488.0	474.8	368.4	203.2	55.3	20.7
25°	709.9	711.2	691.2	669.1	621.4	575.1	555.0	459.6	279.9	77.4	20.7
27.5°	833.6	843.3	813.5	775.5	725.1	667.0	651.8	541.9	356.0	109.2	22.1
30°	987.7	987.7	948.3	895.1	840.5	768.6	749.3	628.3	436.8	151.4	23.5
32.5°	1120.4	1110.1	1059.6	1003.6	945.5	878.5	857.8	718.8	519.8	203.9	26.3
35°	1222.0	1213.0	1150.8	1090.7	1040.2	978.7	953.8	817.0	607.6	263.3	30.4
37.5°	1309.1	1305.7	1221.3	1146.0	1112.8	1058.9	1036.8	909.6	694.0	327.6	35.3
40°	1404.5	1393.4	1303.6	1210.3	1160.5	1117.0	1096.9	984.3	776.9	403.0	42.2
42.5°	1486.1	1472.9	1392.1	1300.8	1215.8	1157.1	1137.7	1047.2	857.8	478.3	51.1
45°	1576.6	1569.7	1488.1	1419.0	1305.7	1211.7	1186.1	1097.6	931.7	568.2	62.9
47.5°	1712.8	1700.3	1624.3	1567.6	1436.3	1294.6	1258.0	1149.4	1002.9	656.6	80.9
50°	1871.1	1862.8	1817.8	1772.9	1642.3	1436.3	1392.7	1224.1	1082.4	761.7	104.4
52.5°	2000.3	1998.9	2004.5	2005.1	1906.3	1674.8	1609.8	1344.4	1173.6	865.4	137.5
55°	1997.5	2003.8	2064.6	2134.4	2142.0	2000.3	1937.4	1546.9	1292.5	993.2	183.9
57.5°	1922.9	1918.1	1982.3	2087.4	2161.4	2176.6	2166.2	1861.4	1471.5	1147.4	255.0
58°	1898.7	1894.6	1955.4	2062.5	2147.5	2188.3	2177.9	1932.6	1511.6	1169.5	274.4
60°	1810.9	1811.6	1847.6	1945.0	2030.0	2126.8	2136.5	2135.8	1711.4	1317.4	371.9
62.5°	1694.8	1689.3	1722.4	1801.9	1876.6	1941.6	1958.1	2149.6	2003.8	1505.4	557.8
65°	1534.4	1526.1	1561.4	1651.3	1731.4	1773.6	1774.3	1964.4	2141.3	1707.2	823.2
67.5°	1236.5	1229.6	1300.1	1415.6	1539.3	1594.6	1619.5	1704.5	2025.2	1844.1	975.3
70°	757.5	772.1	870.2	1051.3	1262.8	1364.4	1401.7	1428.0	1724.5	1823.4	815.6
72.5°	349.7	332.5	416.1	542.6	783.8	1009.8	1048.5	1151.5	1367.2	1582.8	608.2
75°	163.1	156.9	176.3	237.1	355.3	545.3	615.9	919.3	1048.5	1101.1	438.9
77.5°	83.6	84.3	100.2	107.8	146.5	252.3	289.6	604.8	768.6	614.5	294.4
80°	36.6	38.0	38.7	42.2	59.4	97.5	109.9	280.6	525.3	313.1	161.0
82.5°	23.5	24.2	24.2	24.2	28.3	38.7	44.2	112.7	262.0	155.5	49.8
85°	12.4	12.4	13.8	17.3	20.0	23.5	24.9	35.9	86.4	46.3	11.8
87.5°	6.9	7.6	8.3	10.4	13.1	15.9	17.3	24.9	33.2	31.8	2.8
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: P1047481

CATALOG NUMBER: GALN-SA1A-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
2.5°	18.0	17.3	16.6	15.9	15.2	14.5	14.5	14.5	14.5	14.5	14.5
5°	17.3	16.6	15.9	14.5	13.1	12.4	11.8	11.1	11.1	11.1	11.1
7.5°	17.3	16.6	14.5	13.1	11.8	10.4	9.0	9.0	9.0	9.0	9.0
10°	17.3	15.9	13.8	11.8	9.7	8.3	7.6	6.9	6.9	6.9	6.9
12.5°	17.3	15.2	13.1	10.4	8.3	6.9	6.2	5.5	5.5	5.5	5.5
15°	17.3	15.2	12.4	9.7	7.6	5.5	4.8	4.1	4.1	4.1	4.1
17.5°	16.6	14.5	11.8	8.3	6.2	4.1	3.5	2.8	2.8	3.5	3.5
20°	15.9	13.8	10.4	6.9	4.8	3.5	2.1	2.1	2.1	2.1	2.1
22.5°	15.9	13.8	9.7	6.2	4.1	2.1	1.4	1.4	1.4	1.4	2.1
25°	15.9	13.1	8.3	4.8	2.8	1.4	0.7	0.7	0.7	0.7	0.7
27.5°	15.9	13.1	7.6	4.1	2.1	1.4	0.7	0.0	0.0	0.0	0.0
30°	15.2	12.4	6.9	3.5	1.4	0.7	0.0	0.0	0.0	0.0	0.0
32.5°	15.2	11.8	5.5	2.8	1.4	0.7	0.0	0.0	0.0	0.0	0.0
35°	15.9	11.1	4.8	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.7
37.5°	16.6	10.4	4.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	17.3	9.7	4.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	18.7	9.7	3.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	20.0	9.7	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	22.8	10.4	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	24.9	11.1	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	27.6	10.4	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	31.1	10.4	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	33.9	9.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	35.3	9.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	42.2	8.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	65.7	6.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	133.4	6.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	248.8	5.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	278.5	6.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	175.6	4.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	92.6	4.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	46.3	4.8	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	21.4	3.5	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	9.0	2.1	1.4	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.1	2.1	1.4	1.4	0.7	0.7	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	2.1	2.1	1.4	1.4	0.7	0.7	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: SP1-2407-184-14

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

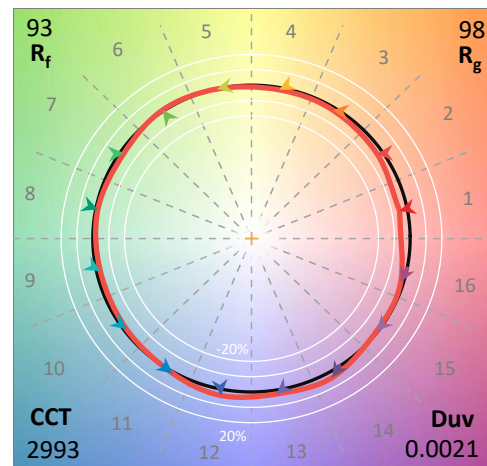
Test Information

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

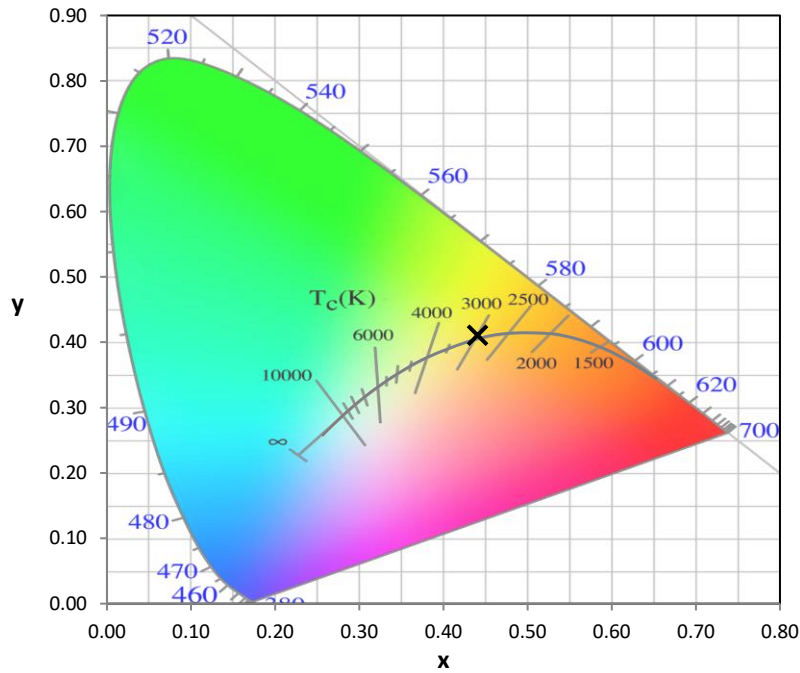
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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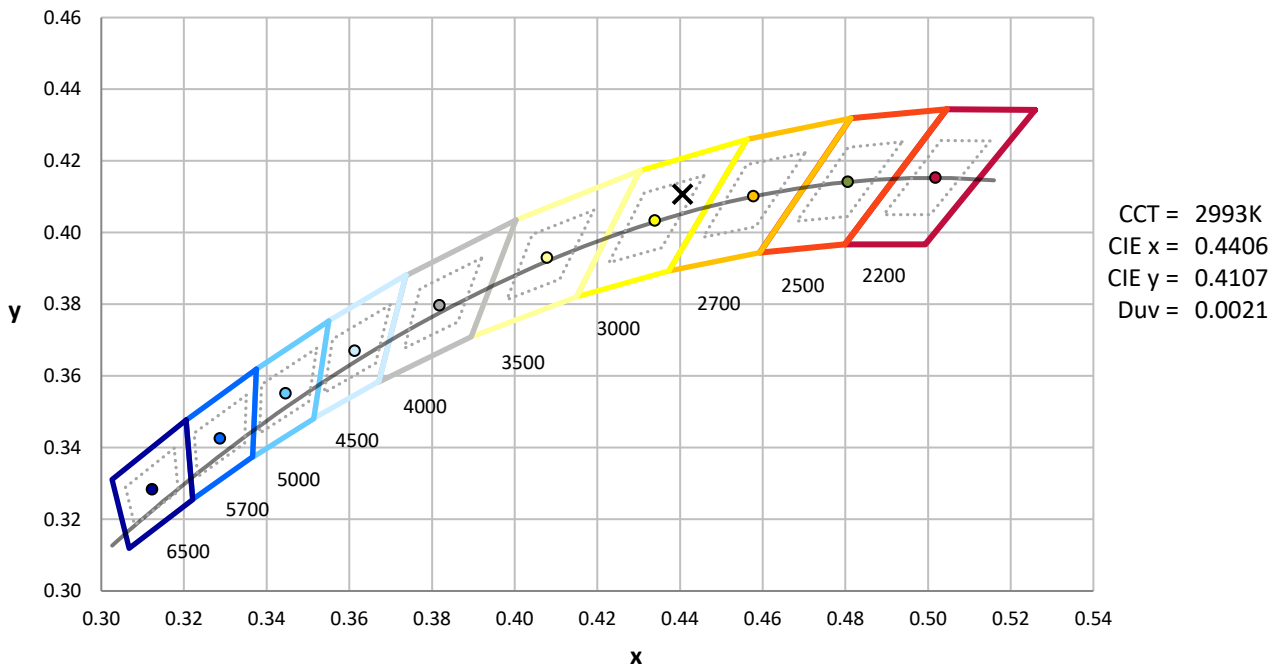
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



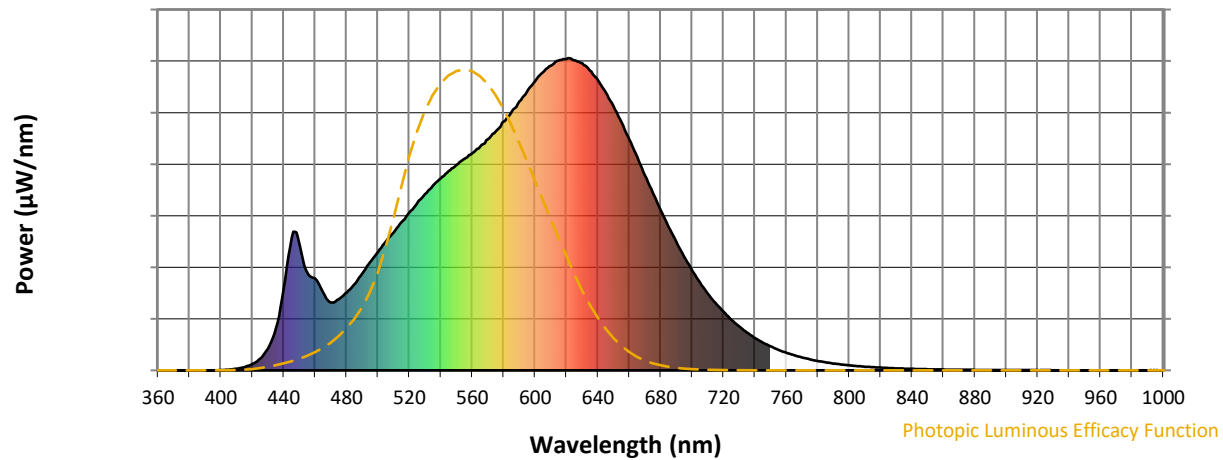
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

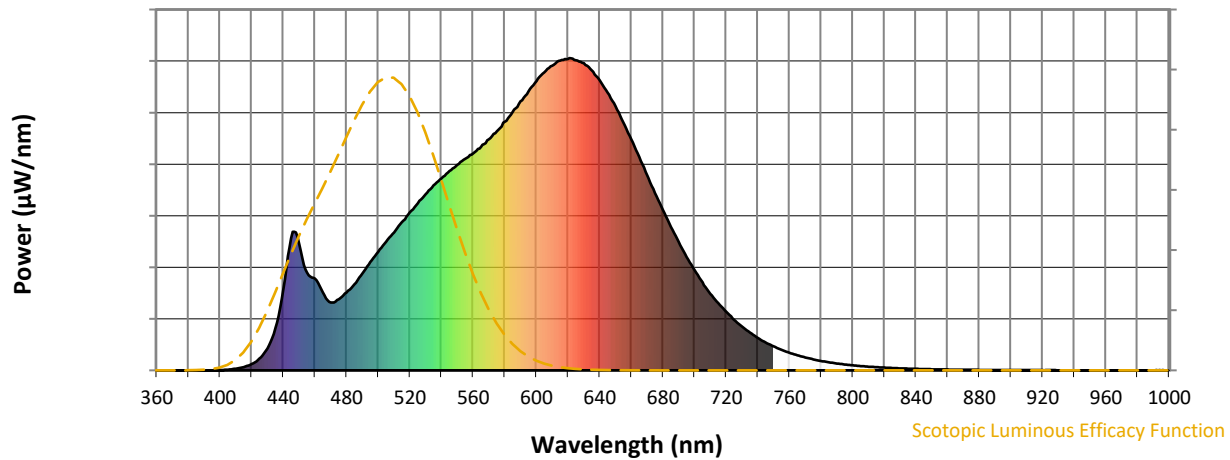


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



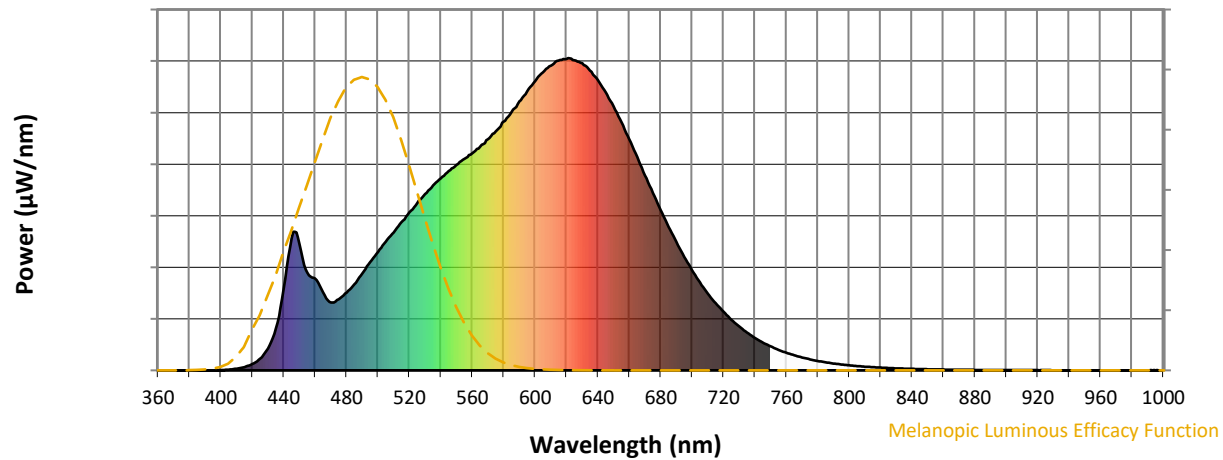
Scotopic Lumens: NR

S/P: 1.39

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

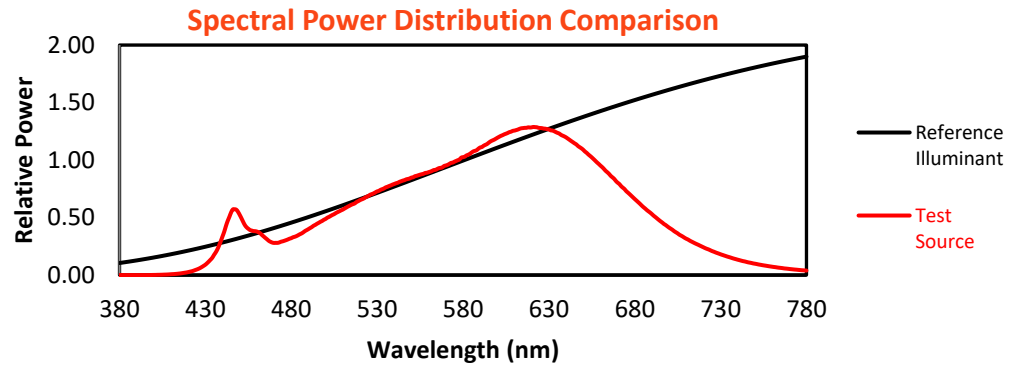
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	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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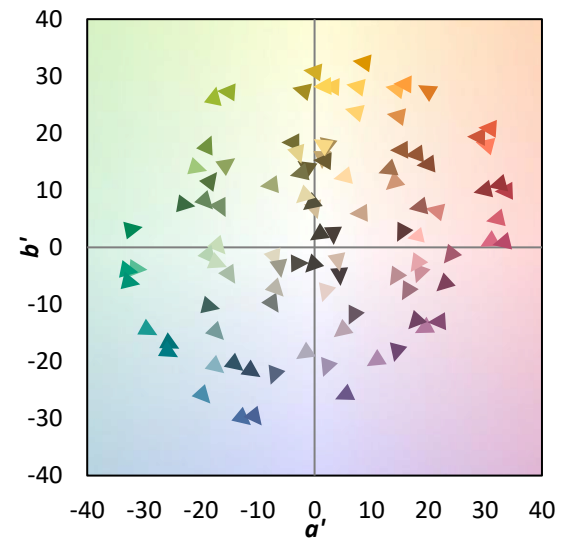
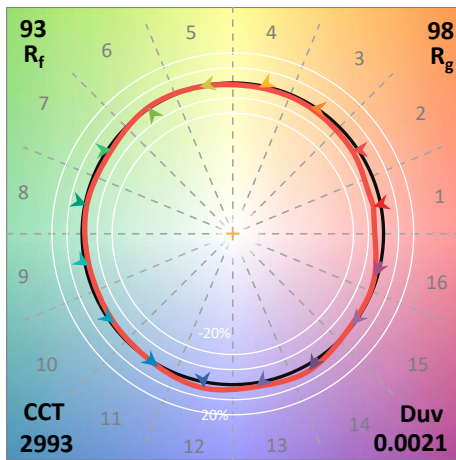
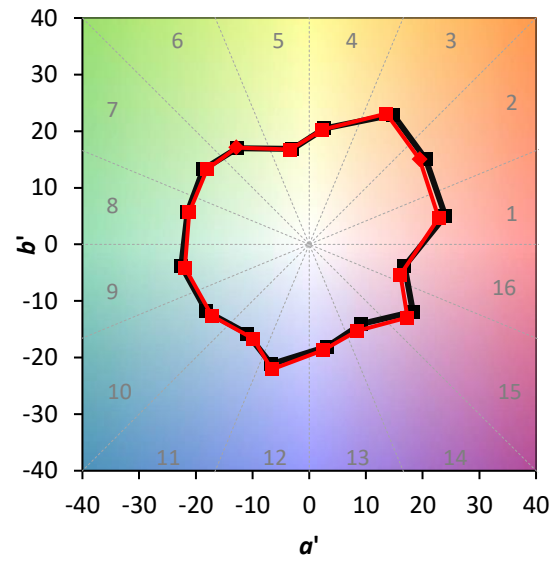
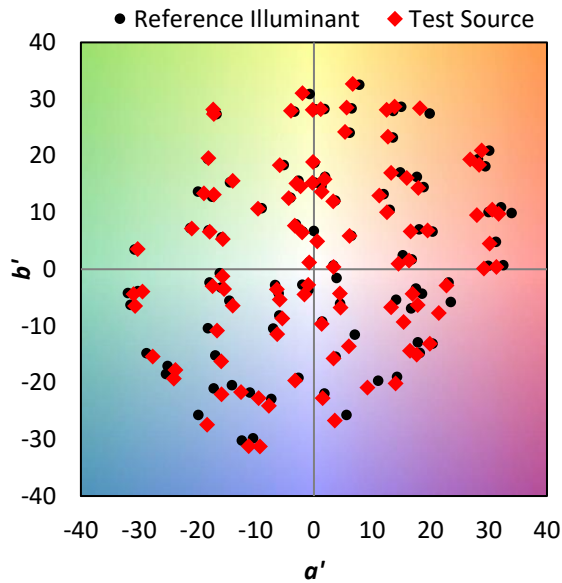
TM-30-18

Summary

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

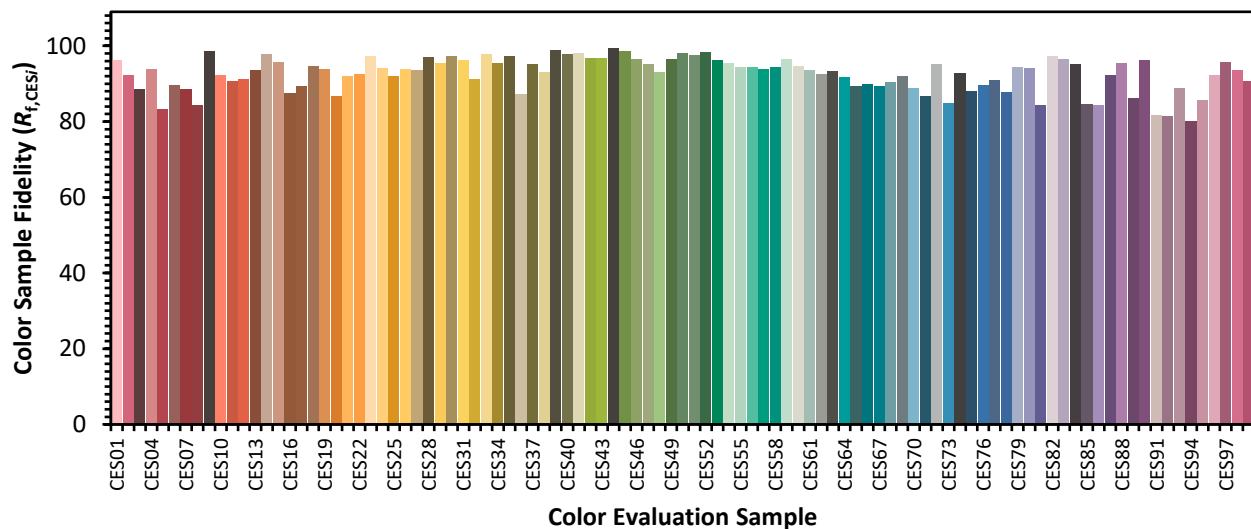


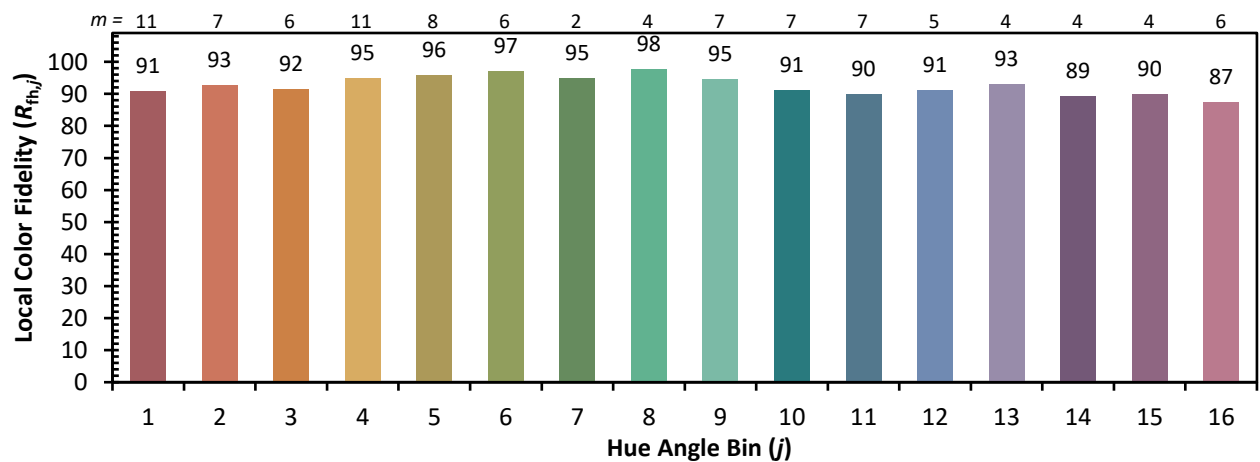
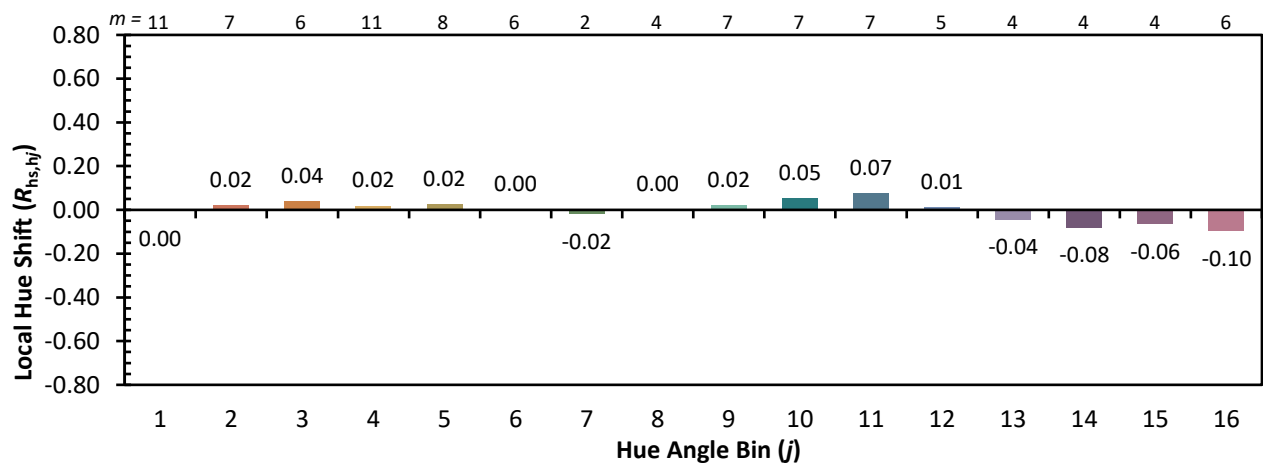
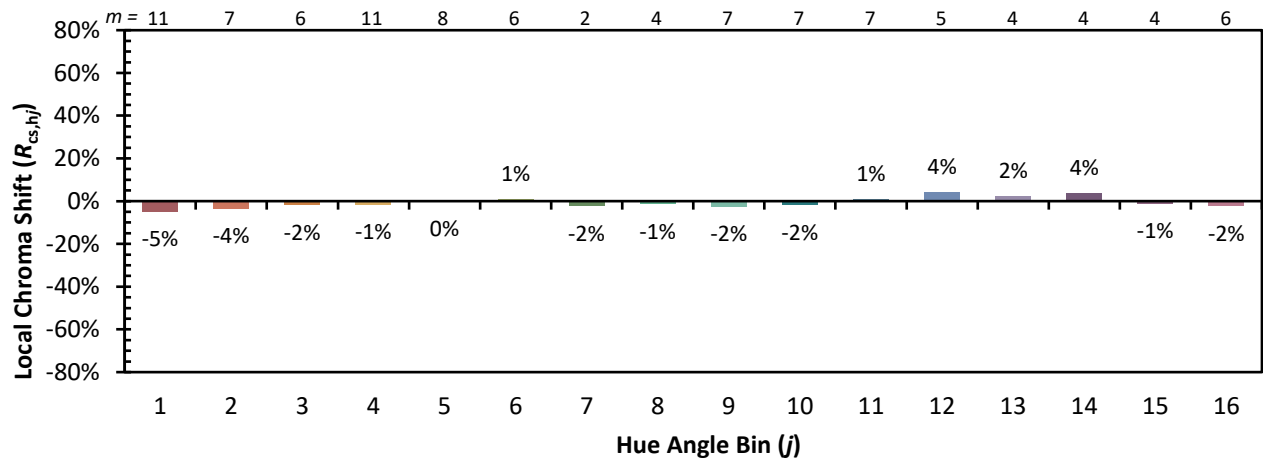
Color Vector Graphics



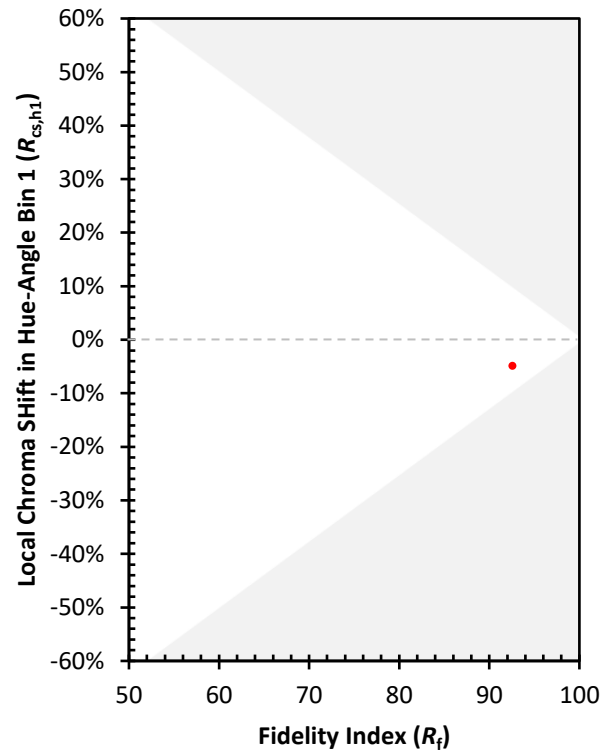
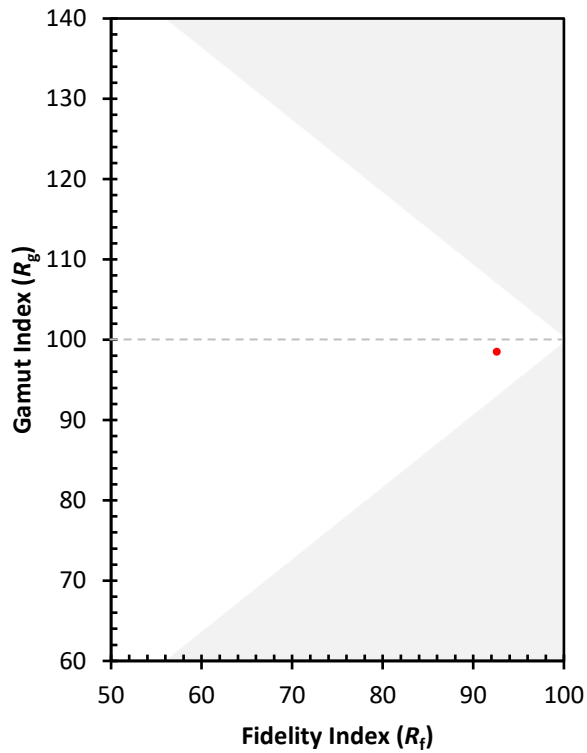
Individual Sample Fidelity Index ($R_{f,i}$)

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)