

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: P1048705

Luminaire Tested: **GALN-SA1A-930-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048705
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 2555.6 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - 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

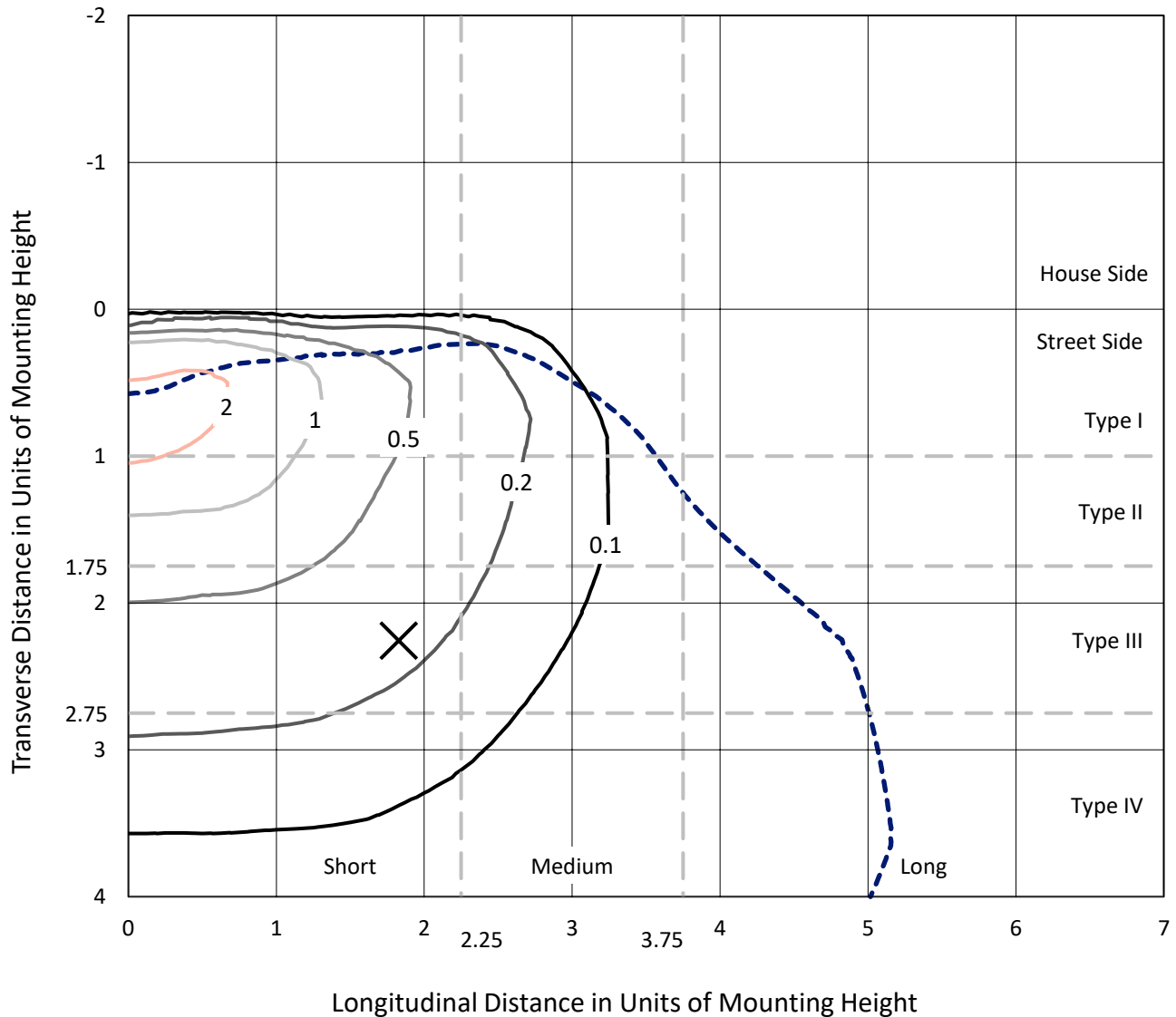


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CATALOG NUMBER: GALN-SA1A-930-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

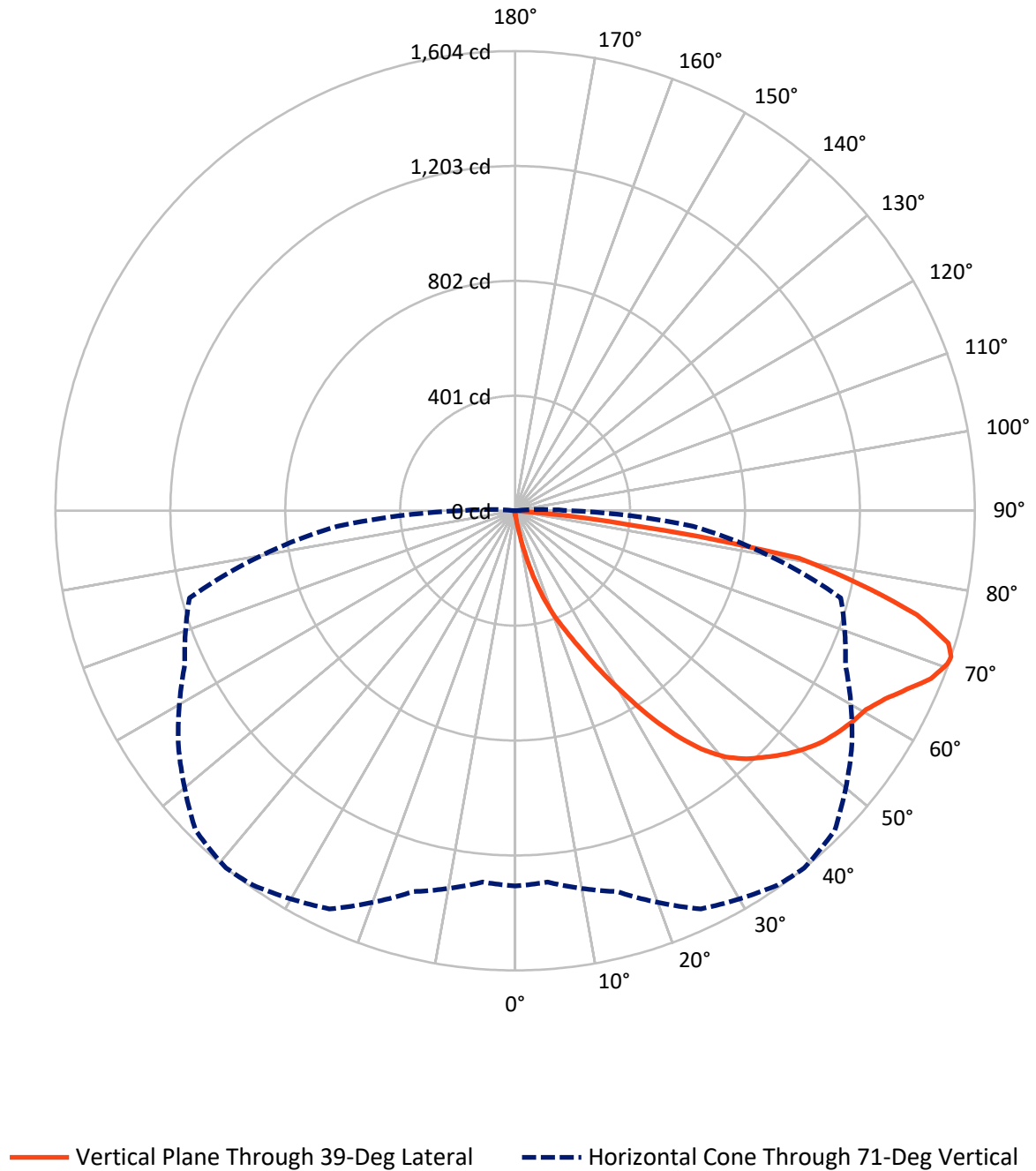


Based on 15 foot mounting height. Maximum calculated value = 2.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9.1	0.0	9.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	2546.5	0.0	2546.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	2555.6	0.0	2555.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.1
10°-20°	27.3	1.1
20°-30°	97.3	3.8
30°-40°	234.4	9.2
40°-50°	392.3	15.4
50°-60°	503.9	19.7
60°-70°	637.7	25.0
70°-80°	568.5	22.2
80°-90°	91.9	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°	2555.6	100.0
0°-180°	2555.6	100.0



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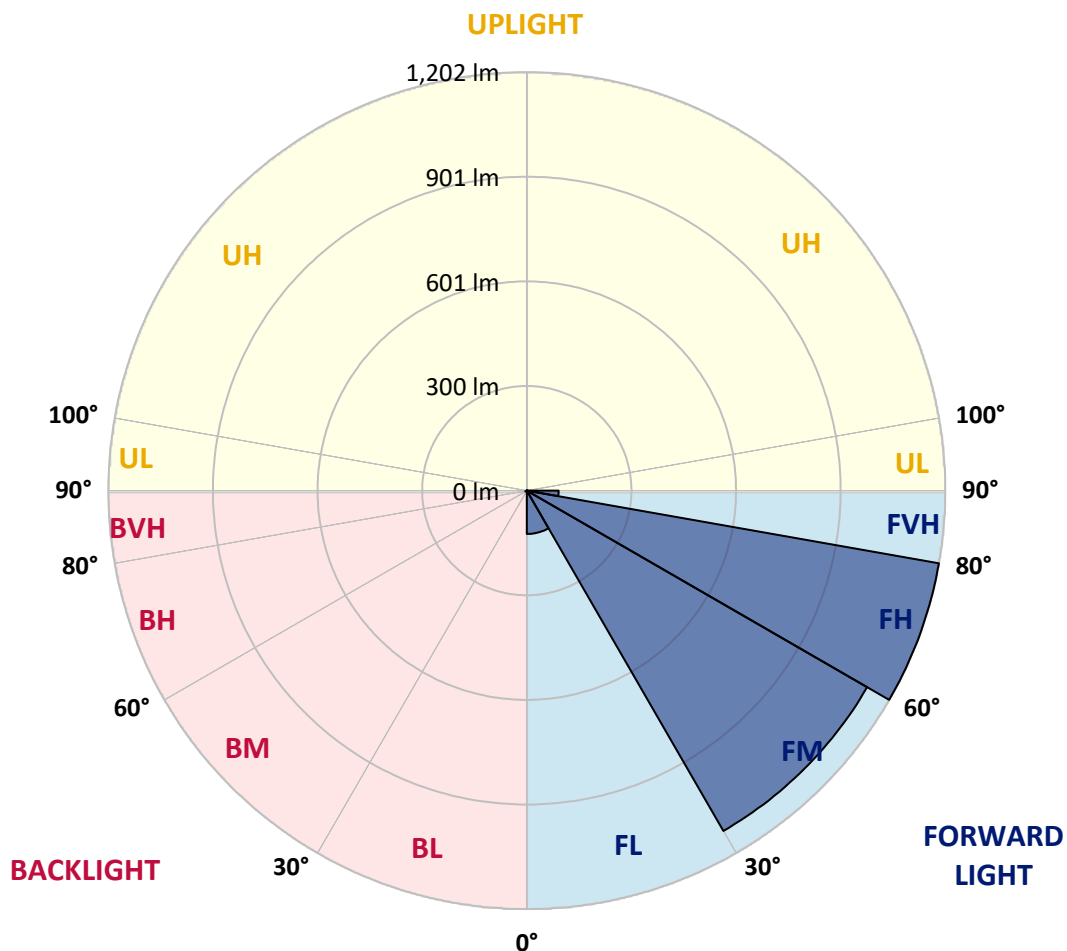
CATALOG NUMBER: GALN-SA1A-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	124.5	4.9			
FM	(30°-60°)	1128.6	44.2			
FH	(60°-80°)	1201.9	47.0			G1/1800
FVH	(80°-90°)	91.5	3.6			G1/100
BL	(0°-30°)	2.2	0.1	B0/110		
BM	(30°-60°)	2.1	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
2.5°	16.1	16.1	16.1	15.6	15.6	15.4	15.2	15.2	14.9	14.7	14.4
5°	24.4	23.9	22.7	22.0	20.6	19.7	18.9	17.6	16.4	15.6	14.5
7.5°	55.2	56.4	52.4	45.0	37.4	34.1	28.5	23.0	19.0	16.4	14.7
10°	140.6	140.0	126.5	111.6	86.2	75.9	59.5	37.5	24.6	18.0	14.9
12.5°	239.3	238.6	222.7	202.4	168.8	147.6	116.4	70.1	35.3	20.4	14.9
15°	322.1	319.4	314.3	294.3	255.0	237.2	196.0	123.9	57.1	24.6	15.2
17.5°	377.0	374.5	369.9	362.6	337.7	316.6	283.5	194.6	92.4	31.8	15.9
20°	427.3	425.6	421.8	420.4	404.3	393.1	365.7	275.9	143.9	43.2	17.0
22.5°	496.5	492.9	494.4	486.1	470.4	456.9	440.1	361.1	206.9	62.3	18.9
25°	581.3	579.5	575.2	569.3	547.5	535.8	510.0	441.3	277.3	87.2	20.9
27.5°	683.7	681.8	680.8	667.3	642.2	629.4	593.4	517.1	356.6	122.1	23.7
30°	801.7	802.5	795.8	778.5	749.3	731.3	694.2	596.5	437.7	163.1	26.6
32.5°	923.8	922.1	911.7	891.3	865.2	848.4	801.3	683.5	522.8	217.3	30.1
35°	1055.5	1052.2	1024.9	1001.5	979.2	958.1	915.2	784.6	607.9	278.0	34.8
37.5°	1188.3	1172.9	1118.1	1088.5	1073.1	1055.8	1015.9	892.3	692.5	345.8	40.5
40°	1288.7	1276.7	1211.7	1157.2	1144.9	1130.2	1100.5	985.4	782.5	418.7	47.4
42.5°	1344.2	1337.6	1279.2	1225.4	1196.5	1183.5	1158.1	1066.7	871.4	499.1	57.4
45°	1367.9	1357.7	1318.6	1293.5	1247.5	1226.1	1195.8	1128.1	964.3	590.4	71.4
47.5°	1360.6	1354.8	1326.7	1335.9	1302.5	1269.1	1224.7	1175.2	1043.7	695.3	90.7
50°	1315.0	1310.0	1301.3	1351.0	1346.8	1307.4	1262.0	1212.4	1108.6	803.4	120.4
52.5°	1228.1	1226.1	1248.2	1339.2	1371.9	1341.1	1298.0	1245.3	1169.1	916.4	163.0
55°	1116.2	1124.7	1188.0	1320.9	1384.7	1366.0	1329.9	1276.0	1217.7	1017.4	225.8
57.5°	1070.2	1072.4	1151.5	1307.9	1390.4	1388.0	1360.8	1305.5	1262.4	1098.2	321.6
60°	1124.0	1120.5	1162.2	1317.7	1401.8	1407.7	1388.3	1332.8	1301.1	1167.6	449.3
62.5°	1221.2	1219.3	1232.6	1359.8	1435.2	1447.1	1426.6	1352.5	1335.4	1213.2	594.9
65°	1308.1	1304.1	1328.8	1434.3	1493.9	1502.3	1484.3	1386.2	1350.4	1246.5	731.8
67.5°	1345.6	1344.7	1384.5	1505.3	1555.4	1564.6	1548.9	1432.8	1347.0	1257.0	792.2
70°	1328.5	1325.2	1388.8	1535.4	1590.2	1600.6	1585.4	1450.1	1309.4	1223.6	702.7
71°	1309.6	1300.8	1375.9	1533.3	1595.1	1603.9	1577.2	1434.3	1271.7	1176.2	621.6
72.5°	1251.1	1252.7	1340.2	1511.7	1583.5	1580.9	1531.2	1377.9	1226.2	1068.6	499.3
75°	1107.2	1116.4	1224.8	1420.8	1480.0	1447.0	1371.0	1270.2	1134.9	766.2	346.7
77.5°	904.8	918.5	1037.7	1246.1	1229.3	1226.1	1222.9	1119.1	969.1	411.6	241.2
80°	432.0	461.6	625.9	889.6	966.4	1003.6	980.2	901.8	749.4	196.0	144.1
82.5°	28.2	27.9	39.4	74.7	315.0	407.2	647.0	644.6	522.5	95.5	58.8
85°	13.3	13.7	15.1	17.1	19.9	21.8	30.1	176.5	250.0	45.5	12.8
87.5°	7.8	8.0	9.3	11.9	15.6	17.3	20.6	26.5	32.5	25.1	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

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CATALOG NUMBER: GALN-SA1A-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
2.5°	14.2	14.0	13.5	13.0	12.5	12.1	11.9	12.1	12.1	12.3	12.3
5°	14.2	13.7	12.8	11.8	11.1	10.4	10.0	9.9	10.0	10.0	10.0
7.5°	14.0	13.1	11.9	10.7	9.9	9.0	8.6	8.5	8.5	8.6	8.6
10°	13.7	12.8	11.2	9.9	8.8	7.8	7.3	6.7	6.7	6.7	6.9
12.5°	13.5	12.3	10.4	9.0	7.6	6.4	5.4	4.8	5.0	5.0	5.0
15°	13.1	11.8	9.9	8.1	6.4	4.8	4.0	3.5	3.6	3.8	3.6
17.5°	13.1	11.6	9.2	7.1	5.0	3.6	2.9	2.6	2.6	2.8	2.8
20°	13.1	11.2	8.6	6.1	3.8	2.8	2.1	1.9	1.9	2.2	2.4
22.5°	13.5	11.2	8.0	5.0	3.1	2.1	1.6	1.4	1.6	1.9	2.1
25°	14.0	11.1	7.3	4.5	2.6	1.6	1.2	0.9	1.0	1.4	1.6
27.5°	14.5	10.9	6.6	4.0	2.1	1.2	0.9	0.7	0.5	0.7	0.7
30°	15.1	10.9	5.9	3.3	1.7	0.9	0.5	0.3	0.2	0.0	0.0
32.5°	15.4	10.6	5.4	2.6	1.4	0.7	0.3	0.2	0.0	0.0	0.0
35°	15.7	10.2	4.7	2.1	1.0	0.5	0.2	0.0	0.0	0.0	0.0
37.5°	16.1	9.7	4.0	1.7	0.9	0.3	0.0	0.0	0.0	0.0	0.0
40°	16.4	9.0	3.3	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	16.8	8.5	2.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	17.6	8.1	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	19.2	7.8	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	21.5	7.4	1.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	24.6	7.3	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	30.1	7.1	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	39.6	6.9	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	60.7	6.6	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	108.5	6.4	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	189.1	6.6	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	271.1	6.9	1.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	232.0	6.1	1.2	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0
71°	189.1	5.4	1.2	0.7	0.3	0.2	0.2	0.0	0.0	0.0	0.0
72.5°	121.6	4.2	1.0	0.7	0.3	0.3	0.2	0.0	0.0	0.0	0.0
75°	51.4	3.5	1.0	0.7	0.5	0.3	0.3	0.2	0.0	0.0	0.0
77.5°	22.0	2.6	1.0	0.9	0.7	0.5	0.5	0.3	0.2	0.0	0.0
80°	8.3	2.1	1.2	1.0	0.9	0.9	0.7	0.3	0.2	0.0	0.0
82.5°	3.8	1.7	1.2	1.0	1.0	0.9	0.7	0.5	0.3	0.0	0.0
85°	2.4	1.6	1.2	1.0	1.0	0.9	0.9	0.5	0.3	0.0	0.0
87.5°	1.9	1.6	1.2	1.2	1.0	1.0	0.7	0.5	0.2	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

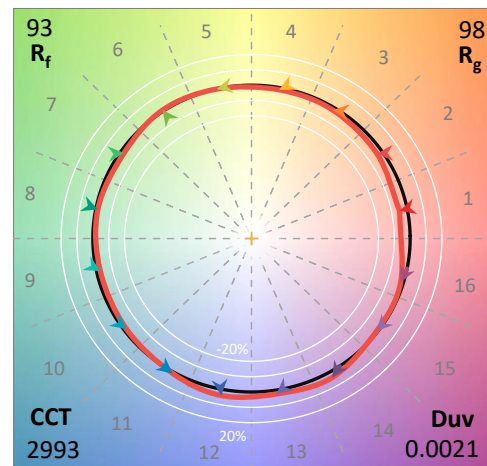
Test Information

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

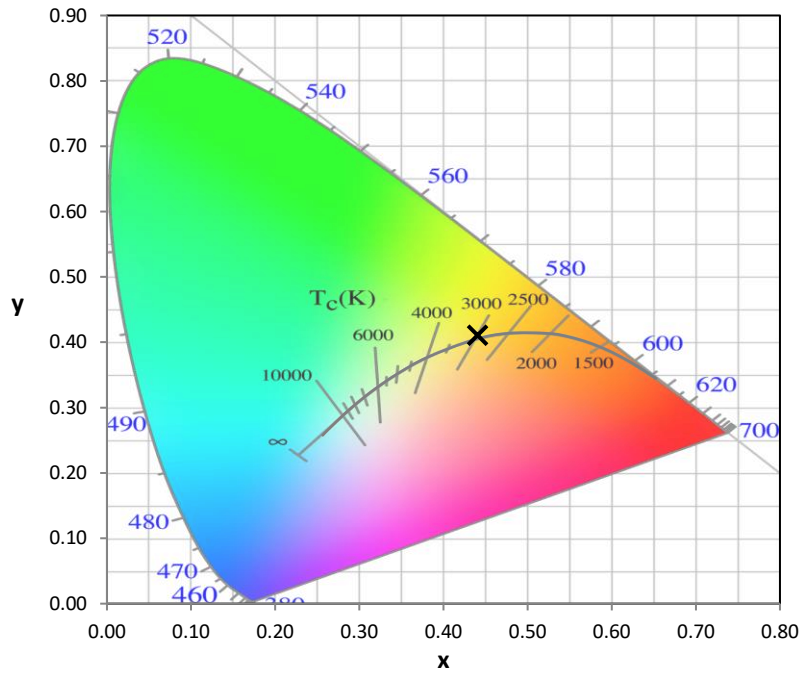
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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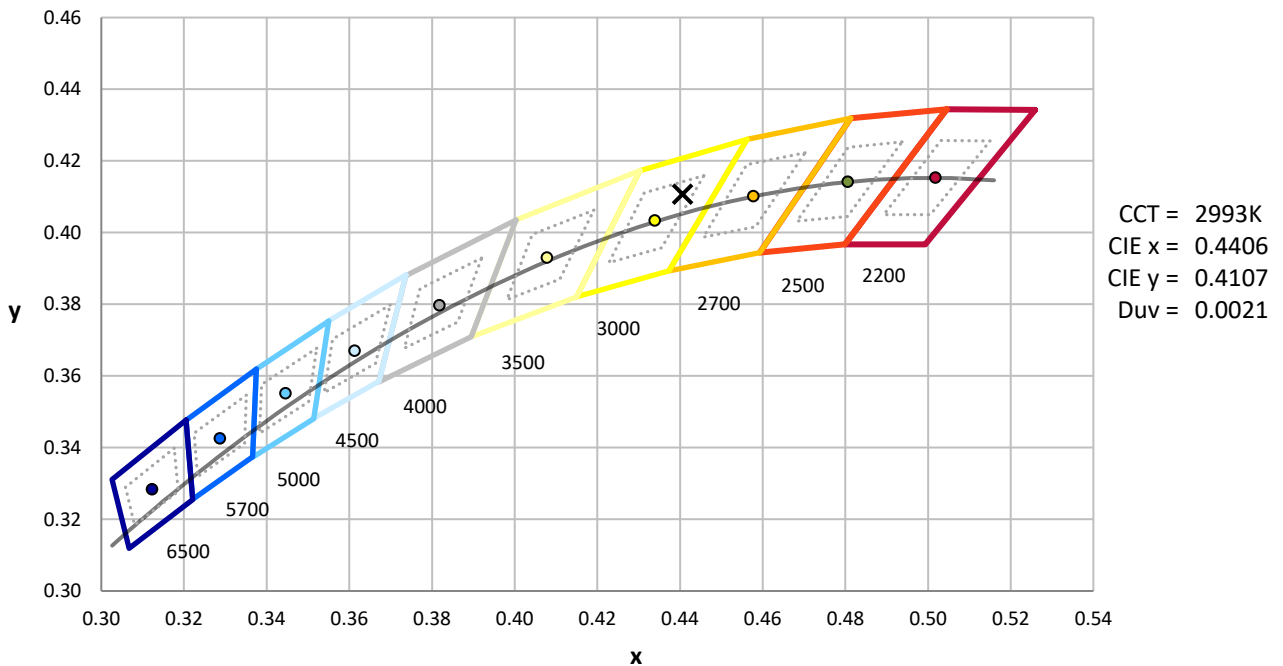
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



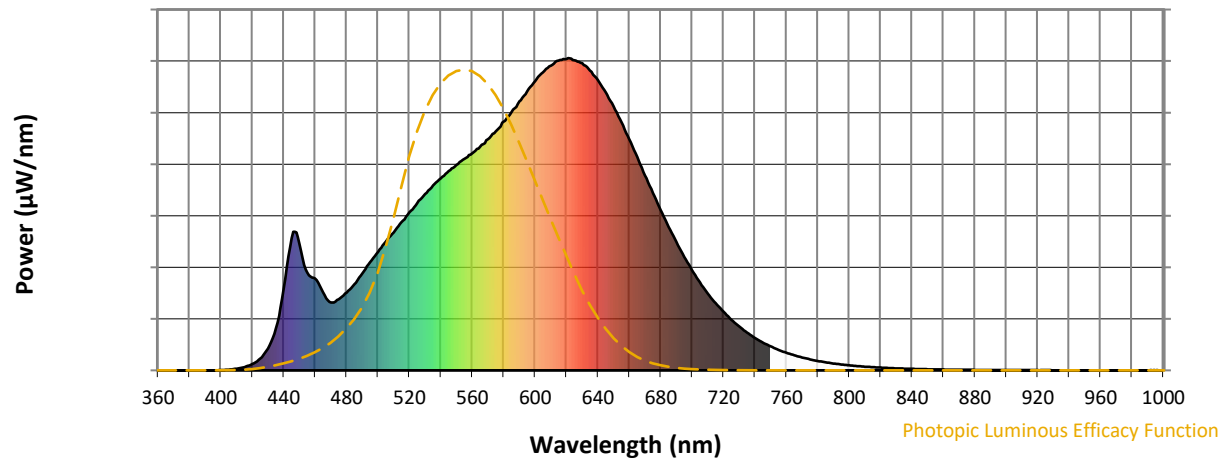
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

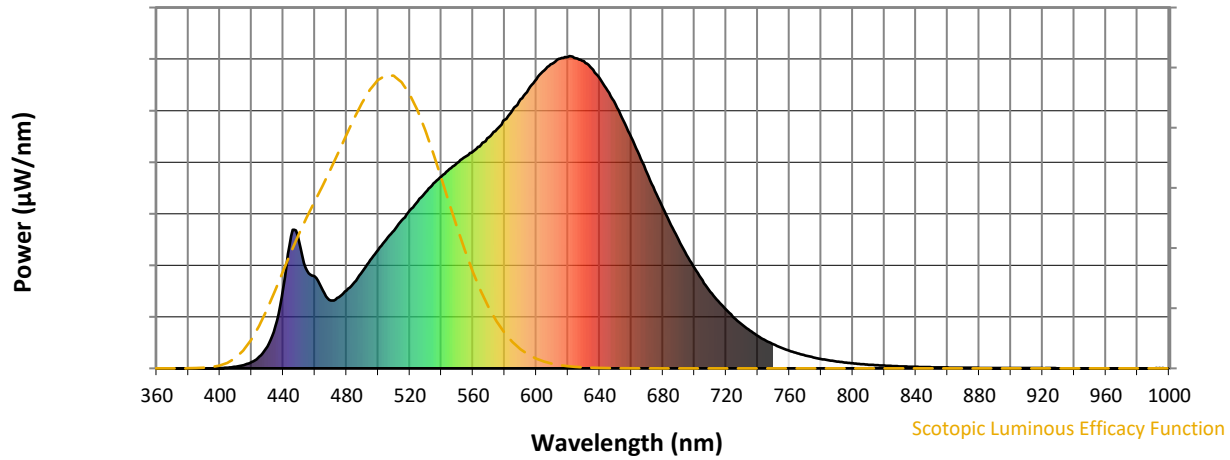


Photopic Lumens: NR

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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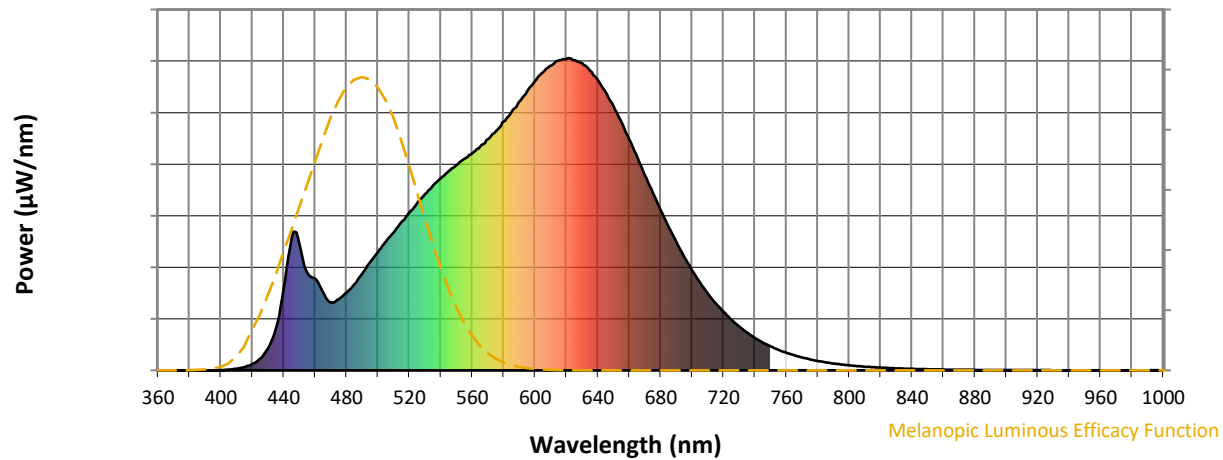
Scotopic Flux vs. Wavelength


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

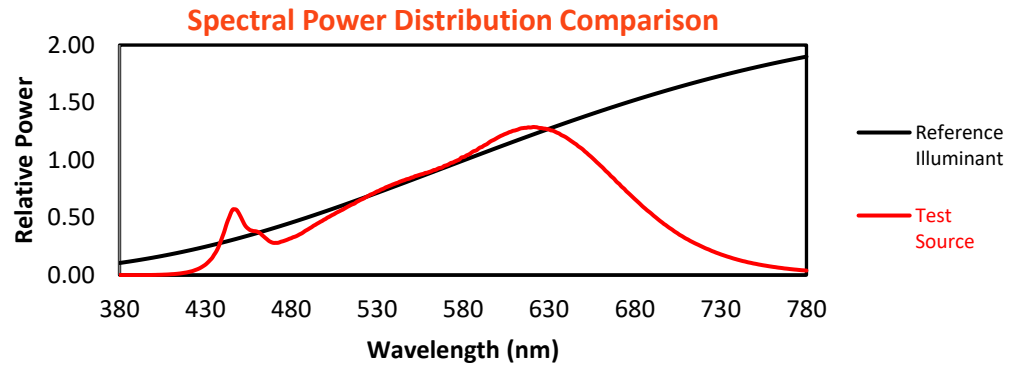
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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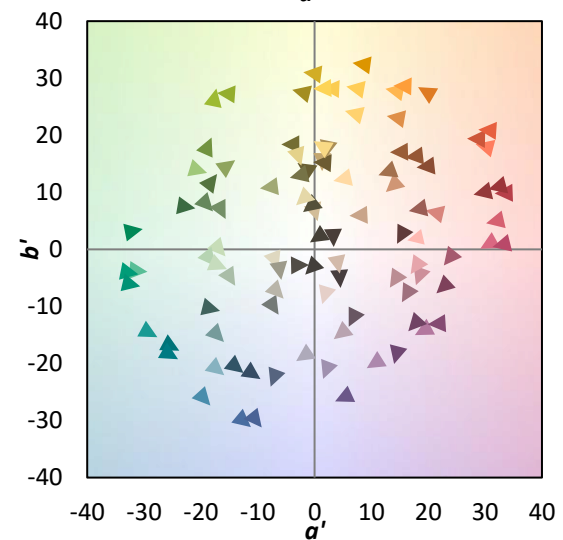
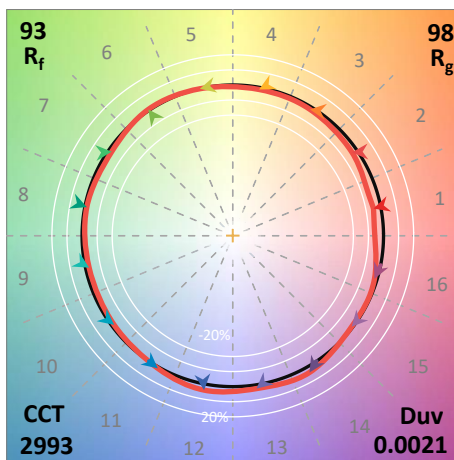
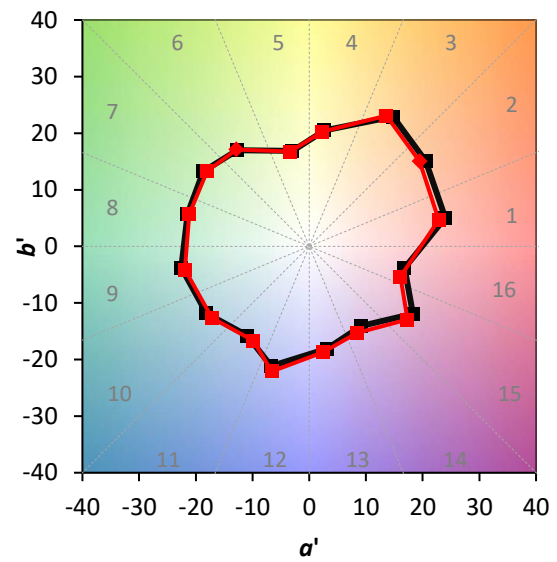
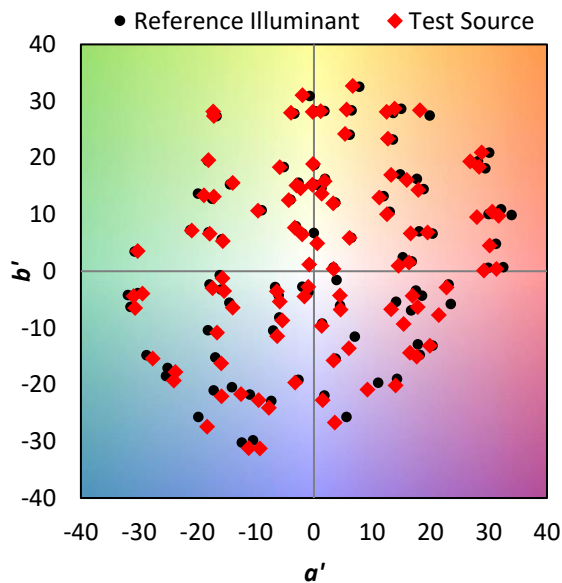
TM-30-18

Summary

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

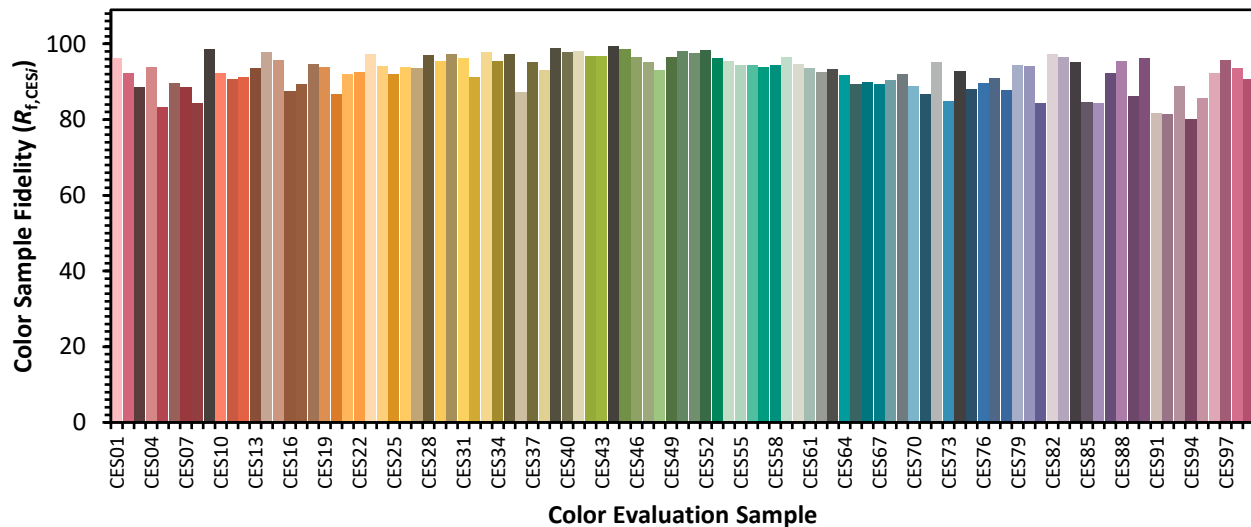


Color Vector Graphics

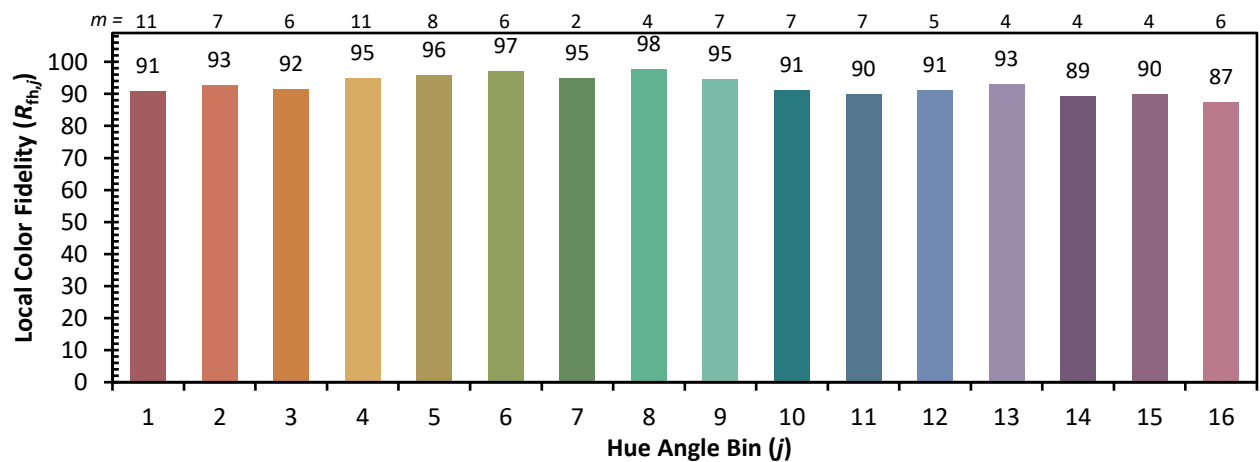
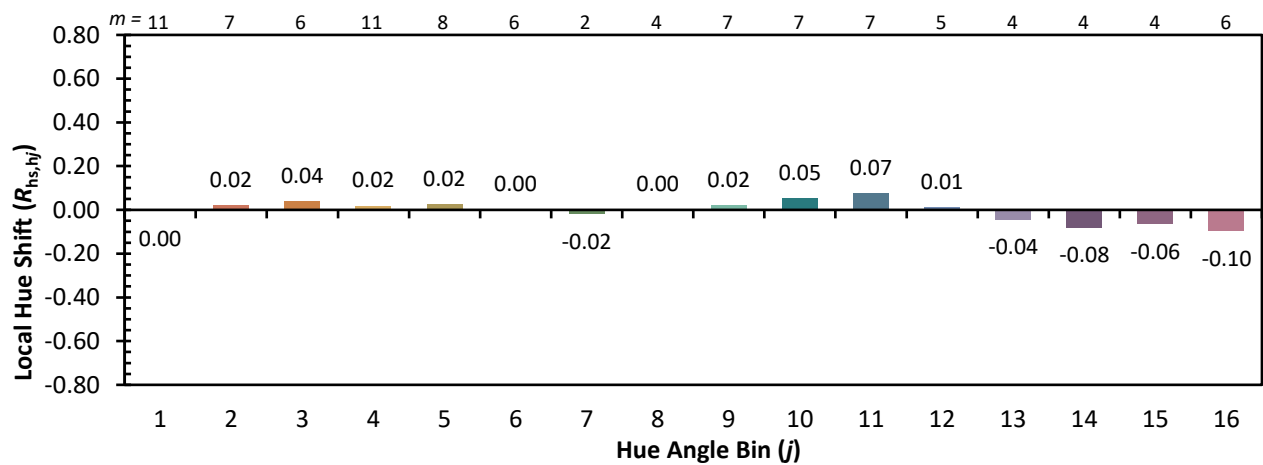
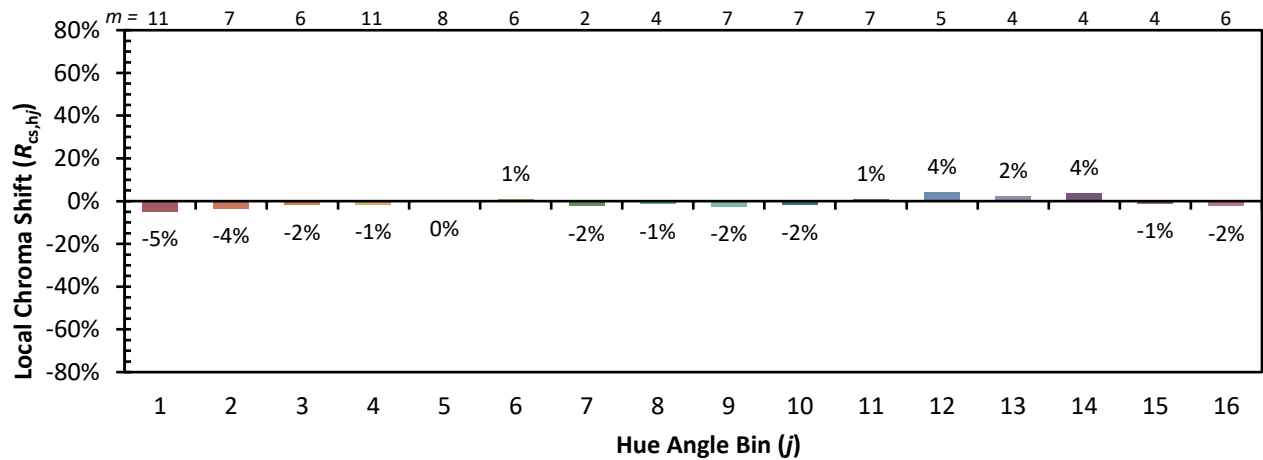


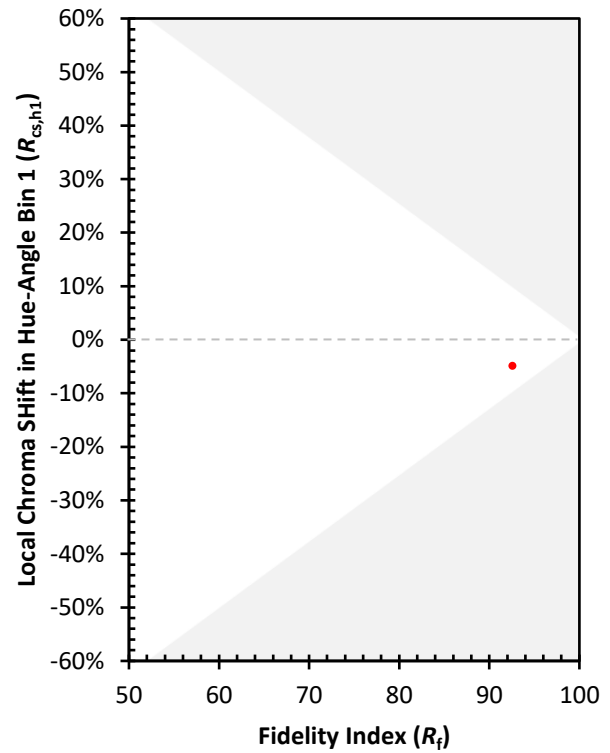
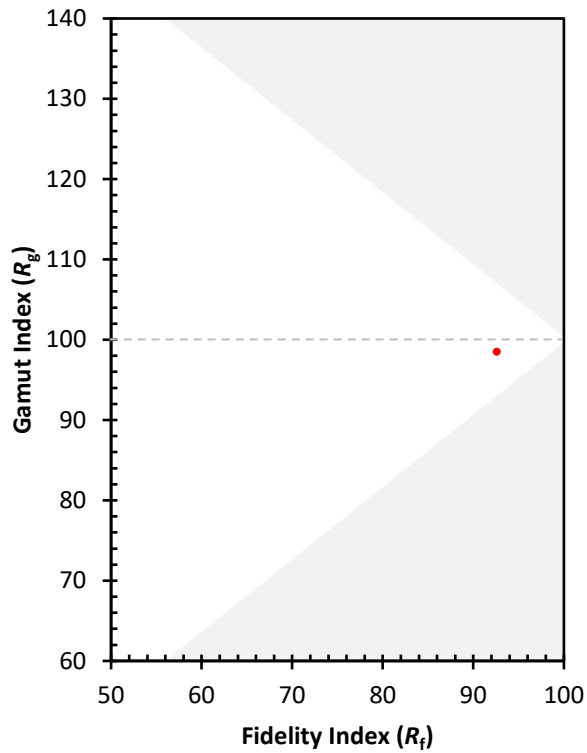
Individual Sample Fidelity Index ($R_{f,i}$)

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)