

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: P1048706

Luminaire Tested: **GALN-SA1B-930-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048706
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-930-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 3194.5 lumens
Efficiency: N/A
Efficacy: 82.5 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): 38.7
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

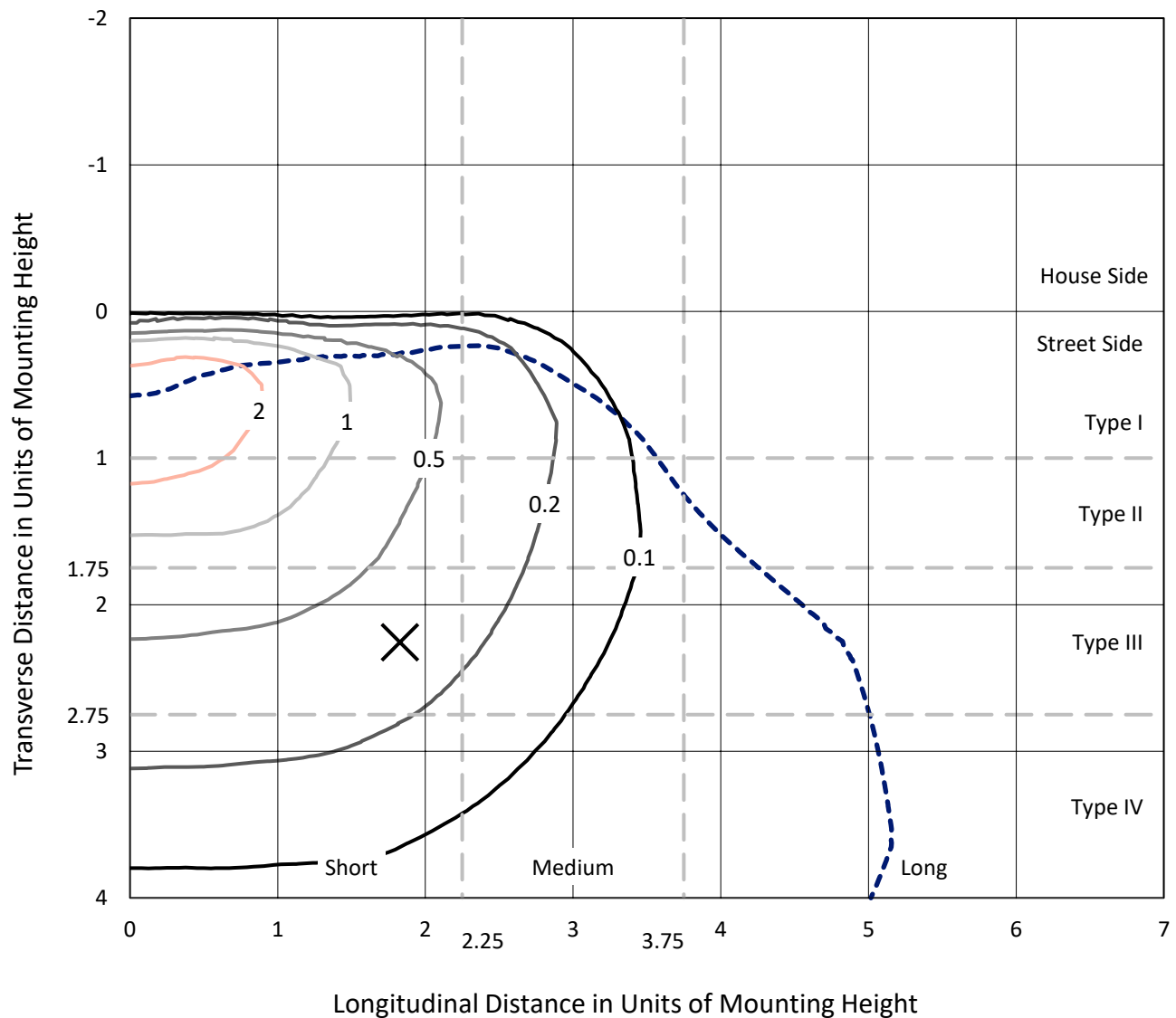


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

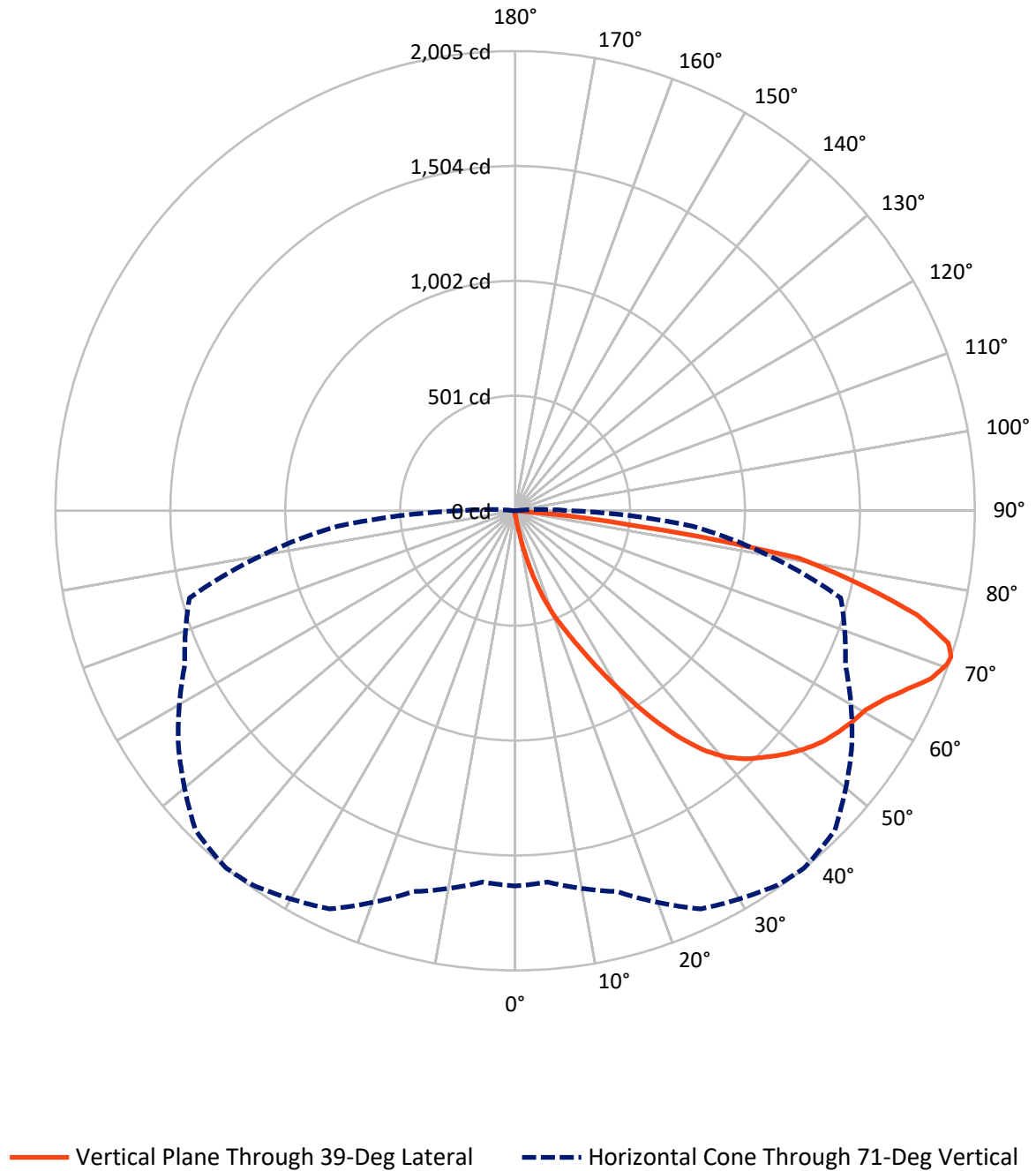


Based on 15 foot mounting height. Maximum calculated value = 3.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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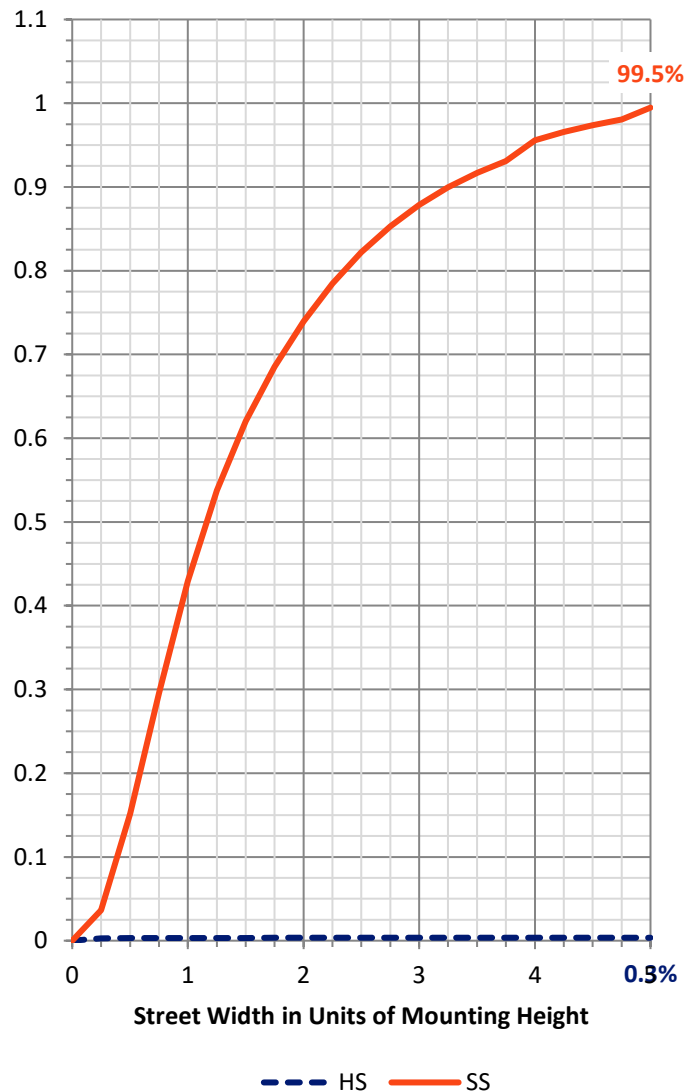
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11.3	0.0	11.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3183.1	0.0	3183.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	3194.5	0.0	3194.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.7	0.1
10°-20°	34.1	1.1
20°-30°	121.6	3.8
30°-40°	293.0	9.2
40°-50°	490.4	15.4
50°-60°	629.9	19.7
60°-70°	797.1	25.0
70°-80°	710.7	22.2
80°-90°	114.9	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°	3194.5	100.0
0°-180°	3194.5	100.0



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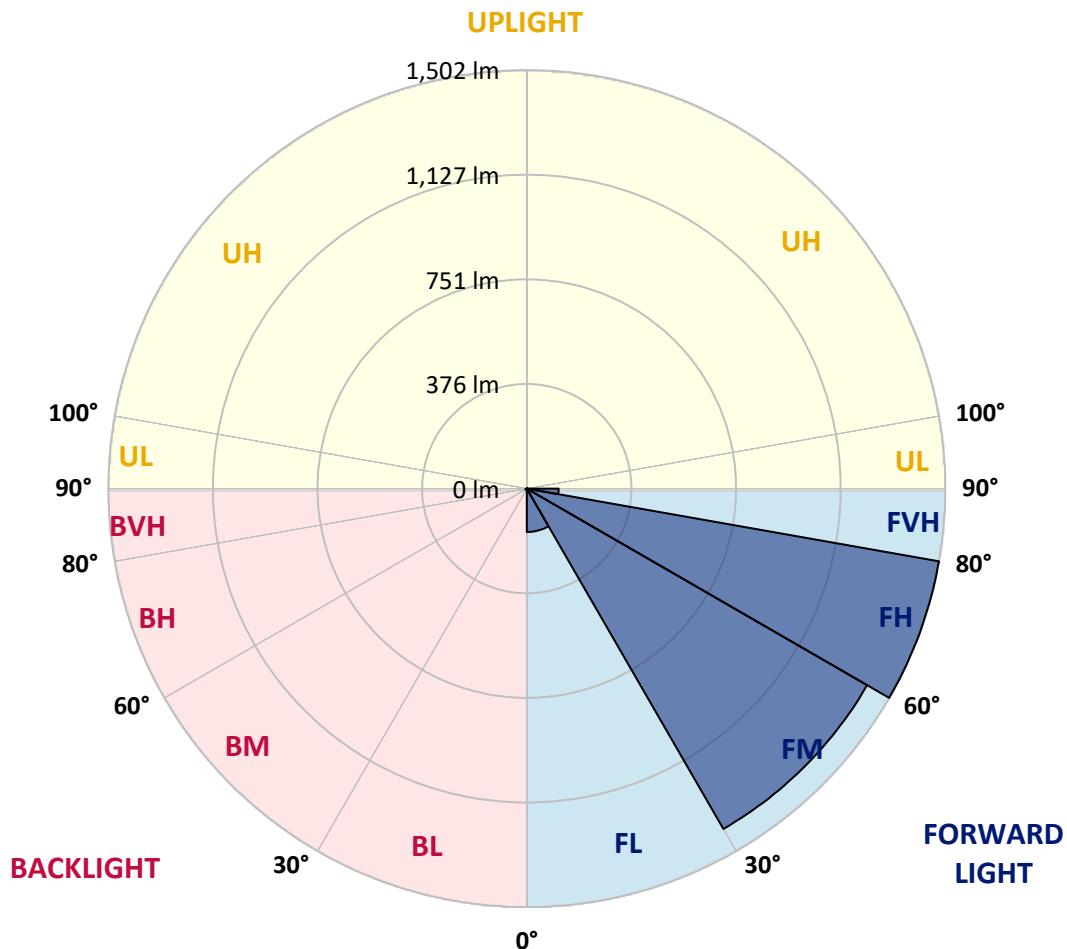
CATALOG NUMBER: GALN-SA1B-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	155.7	4.9			
FM	(30°-60°)	1410.8	44.2			
FH	(60°-80°)	1502.4	47.0			G1/1800
FVH	(80°-90°)	114.4	3.6			G2/225
BL	(0°-30°)	2.7	0.1	B0/110		
BM	(30°-60°)	2.6	0.1	B0/220		
BH	(60°-80°)	5.5	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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-SA1B-930-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
2.5°	20.1	20.1	20.1	19.5	19.5	19.2	19.0	19.0	18.6	18.4	17.9
5°	30.5	29.8	28.3	27.5	25.7	24.7	23.6	22.1	20.5	19.5	18.2
7.5°	69.0	70.5	65.5	56.2	46.7	42.6	35.7	28.8	23.8	20.5	18.4
10°	175.8	174.9	158.1	139.5	107.7	94.9	74.4	46.9	30.7	22.5	18.6
12.5°	299.1	298.2	278.3	253.0	211.1	184.5	145.5	87.6	44.1	25.5	18.6
15°	402.7	399.2	392.9	367.8	318.8	296.5	245.0	154.8	71.4	30.7	19.0
17.5°	471.2	468.2	462.3	453.3	422.1	395.7	354.4	243.3	115.5	39.8	19.9
20°	534.1	532.0	527.2	525.5	505.4	491.3	457.2	344.9	179.9	54.1	21.2
22.5°	620.6	616.1	618.0	607.7	588.0	571.1	550.1	451.3	258.6	77.8	23.6
25°	726.6	724.4	719.0	711.7	684.4	669.7	637.5	551.7	346.6	109.0	26.2
27.5°	854.6	852.2	850.9	834.1	802.7	786.7	741.7	646.4	445.7	152.7	29.6
30°	1002.1	1003.2	994.7	973.1	936.6	914.1	867.8	745.6	547.1	203.9	33.3
32.5°	1154.8	1152.6	1139.6	1114.1	1081.5	1060.5	1001.7	854.4	653.5	271.6	37.6
35°	1319.3	1315.2	1281.1	1251.9	1224.0	1197.6	1144.0	980.7	759.9	347.5	43.5
37.5°	1485.4	1466.2	1397.6	1360.6	1341.4	1319.8	1269.8	1115.4	865.6	432.3	50.6
40°	1610.8	1595.9	1514.6	1446.5	1431.1	1412.8	1375.6	1231.8	978.1	523.3	59.3
42.5°	1680.3	1672.0	1599.0	1531.7	1495.6	1479.4	1447.6	1333.4	1089.3	623.9	71.8
45°	1709.9	1697.1	1648.3	1616.9	1559.4	1532.6	1494.7	1410.2	1205.4	738.1	89.3
47.5°	1700.8	1693.5	1658.4	1669.9	1628.1	1586.4	1530.8	1469.0	1304.6	869.1	113.3
50°	1643.7	1637.4	1626.6	1688.7	1683.5	1634.2	1577.5	1515.5	1385.7	1004.3	150.5
52.5°	1535.2	1532.6	1560.2	1674.0	1714.9	1676.4	1622.5	1556.6	1461.4	1145.5	203.7
55°	1395.2	1405.8	1485.0	1651.1	1730.9	1707.5	1662.3	1595.1	1522.2	1271.8	282.2
57.5°	1337.7	1340.5	1439.4	1634.8	1738.0	1735.0	1701.0	1631.8	1578.0	1372.8	402.0
60°	1405.0	1400.7	1452.8	1647.2	1752.3	1759.6	1735.4	1666.0	1626.4	1459.5	561.6
62.5°	1526.5	1524.1	1540.8	1699.7	1794.0	1808.9	1783.2	1690.6	1669.2	1516.6	743.7
65°	1635.1	1630.1	1661.0	1792.9	1867.3	1877.9	1855.4	1732.8	1688.0	1558.1	914.7
67.5°	1682.0	1680.9	1730.6	1881.6	1944.3	1955.8	1936.1	1791.0	1683.7	1571.3	990.2
70°	1660.6	1656.5	1736.1	1919.2	1987.8	2000.7	1981.7	1812.6	1636.8	1529.5	878.4
71°	1637.0	1626.0	1719.8	1916.6	1993.8	2004.9	1971.6	1792.9	1589.7	1470.3	777.0
72.5°	1563.9	1565.9	1675.3	1889.6	1979.3	1976.1	1914.0	1722.4	1532.8	1335.8	624.1
75°	1384.0	1395.5	1531.0	1776.1	1850.0	1808.7	1713.8	1587.7	1418.6	957.8	433.4
77.5°	1131.0	1148.1	1297.1	1557.6	1536.7	1532.6	1528.7	1398.9	1211.4	514.5	301.5
80°	540.0	577.0	782.4	1112.0	1208.0	1254.5	1225.3	1127.3	936.8	245.0	180.1
82.5°	35.2	34.8	49.3	93.4	393.8	509.1	808.8	805.7	653.1	119.4	73.5
85°	16.7	17.1	18.8	21.4	24.9	27.2	37.6	220.6	312.5	56.9	16.0
87.5°	9.7	9.9	11.7	14.9	19.5	21.6	25.7	33.1	40.7	31.4	3.5
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: P1048706

CATALOG NUMBER: GALN-SA1B-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
2.5°	17.7	17.5	16.9	16.2	15.6	15.1	14.9	15.1	15.1	15.4	15.4
5°	17.7	17.1	16.0	14.7	13.8	13.0	12.5	12.3	12.5	12.5	12.5
7.5°	17.5	16.4	14.9	13.4	12.3	11.2	10.8	10.6	10.6	10.8	10.8
10°	17.1	16.0	14.1	12.3	11.0	9.7	9.1	8.4	8.4	8.4	8.6
12.5°	16.9	15.4	13.0	11.2	9.5	8.0	6.7	6.1	6.3	6.3	6.3
15°	16.4	14.7	12.3	10.2	8.0	6.1	5.0	4.3	4.5	4.8	4.5
17.5°	16.4	14.5	11.5	8.9	6.3	4.5	3.7	3.2	3.2	3.5	3.5
20°	16.4	14.1	10.8	7.6	4.8	3.5	2.6	2.4	2.4	2.8	3.0
22.5°	16.9	14.1	9.9	6.3	3.9	2.6	1.9	1.7	1.9	2.4	2.6
25°	17.5	13.8	9.1	5.6	3.2	1.9	1.5	1.1	1.3	1.7	1.9
27.5°	18.2	13.6	8.2	5.0	2.6	1.5	1.1	0.9	0.6	0.9	0.9
30°	18.8	13.6	7.4	4.1	2.2	1.1	0.6	0.4	0.2	0.0	0.0
32.5°	19.2	13.2	6.7	3.2	1.7	0.9	0.4	0.2	0.0	0.0	0.0
35°	19.7	12.8	5.8	2.6	1.3	0.6	0.2	0.0	0.0	0.0	0.0
37.5°	20.1	12.1	5.0	2.2	1.1	0.4	0.0	0.0	0.0	0.0	0.0
40°	20.5	11.2	4.1	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	21.0	10.6	3.5	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	22.1	10.2	2.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	24.0	9.7	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	26.8	9.3	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	30.7	9.1	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	37.6	8.9	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	49.5	8.6	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	75.9	8.2	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	135.6	8.0	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	236.4	8.2	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	338.9	8.6	1.5	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	290.0	7.6	1.5	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0
71°	236.4	6.7	1.5	0.9	0.4	0.2	0.2	0.0	0.0	0.0	0.0
72.5°	152.0	5.2	1.3	0.9	0.4	0.4	0.2	0.0	0.0	0.0	0.0
75°	64.2	4.3	1.3	0.9	0.6	0.4	0.4	0.2	0.0	0.0	0.0
77.5°	27.5	3.2	1.3	1.1	0.9	0.6	0.6	0.4	0.2	0.0	0.0
80°	10.4	2.6	1.5	1.3	1.1	1.1	0.9	0.4	0.2	0.0	0.0
82.5°	4.8	2.2	1.5	1.3	1.3	1.1	0.9	0.6	0.4	0.0	0.0
85°	3.0	1.9	1.5	1.3	1.3	1.1	1.1	0.6	0.4	0.0	0.0
87.5°	2.4	1.9	1.5	1.5	1.3	1.3	0.9	0.6	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

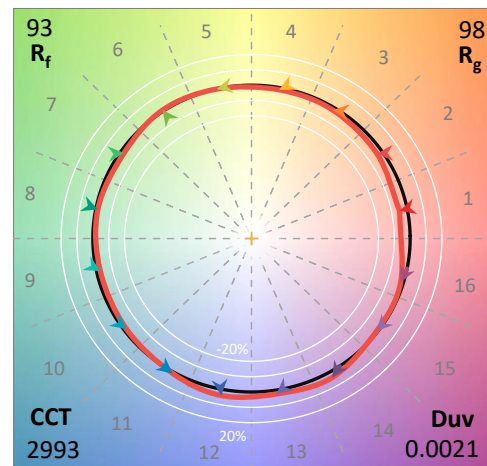
Test Information

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

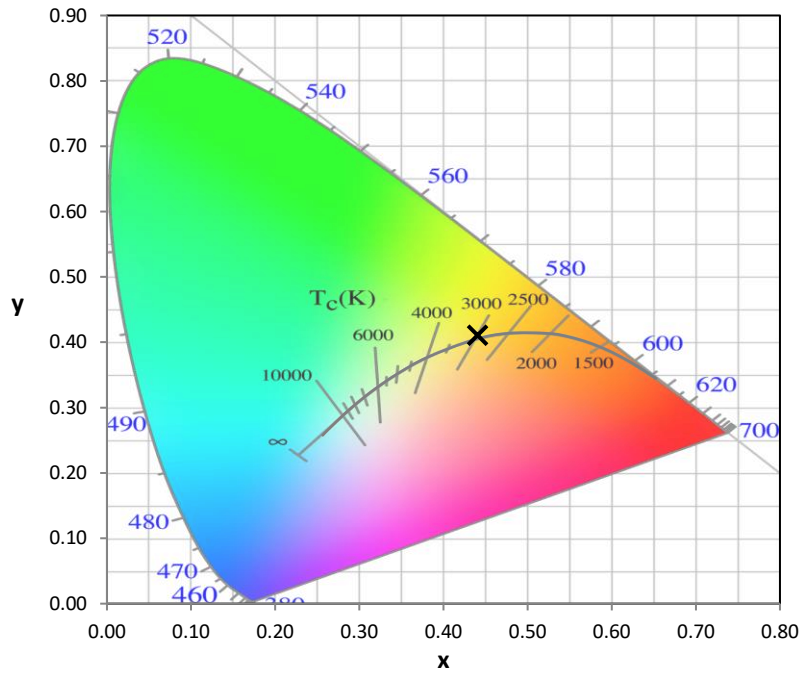
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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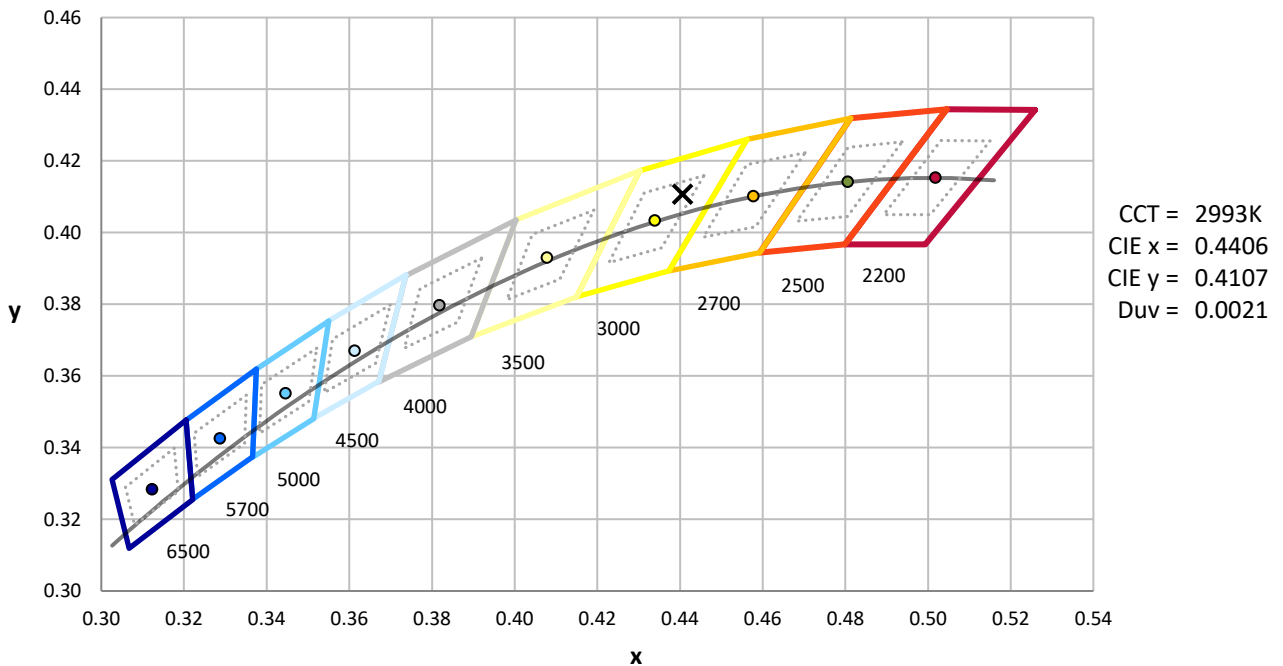
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

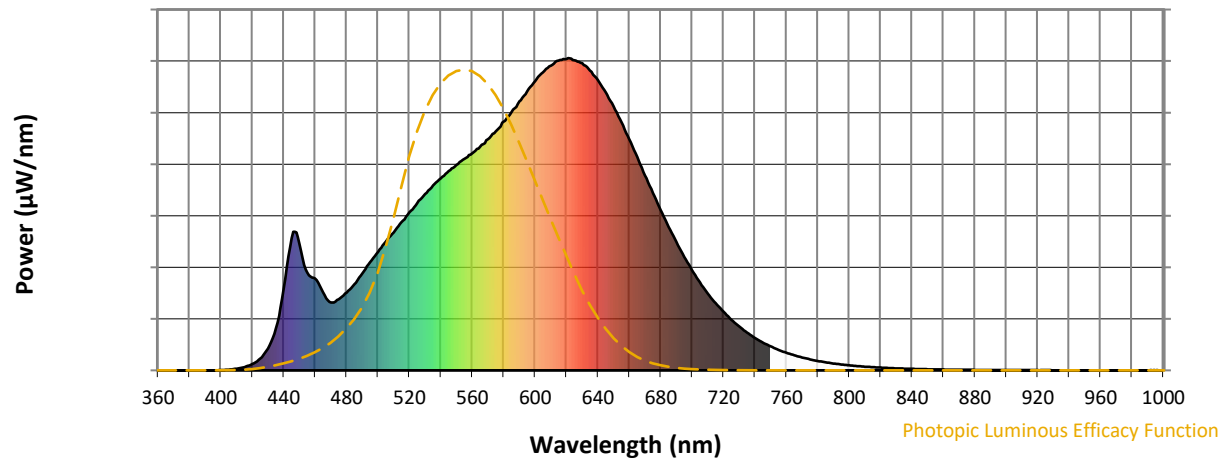


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

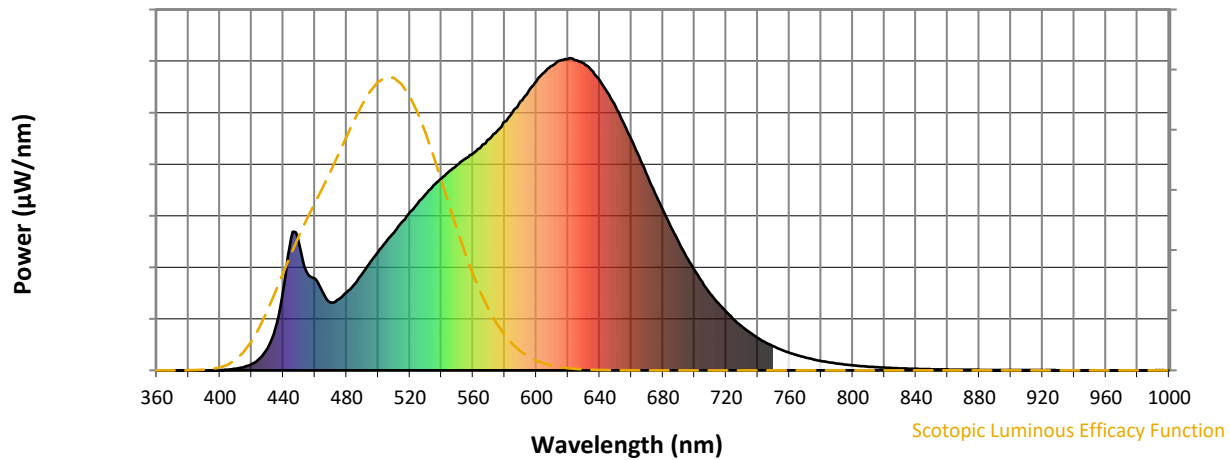
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Photopic Flux vs. Wavelength

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



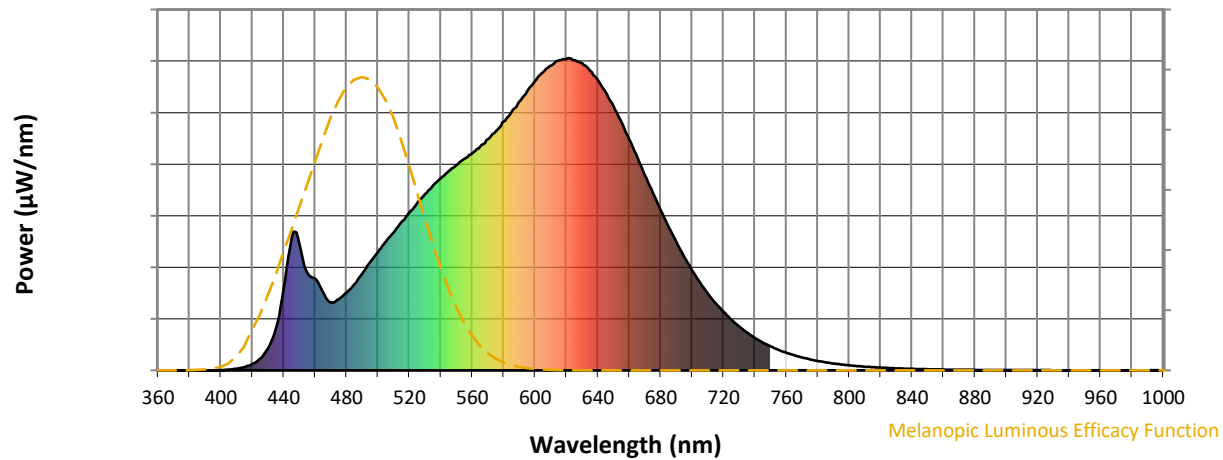
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power 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

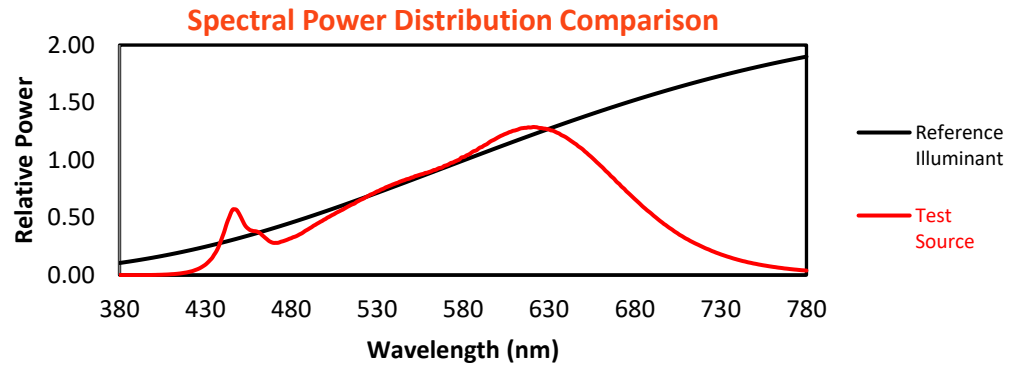
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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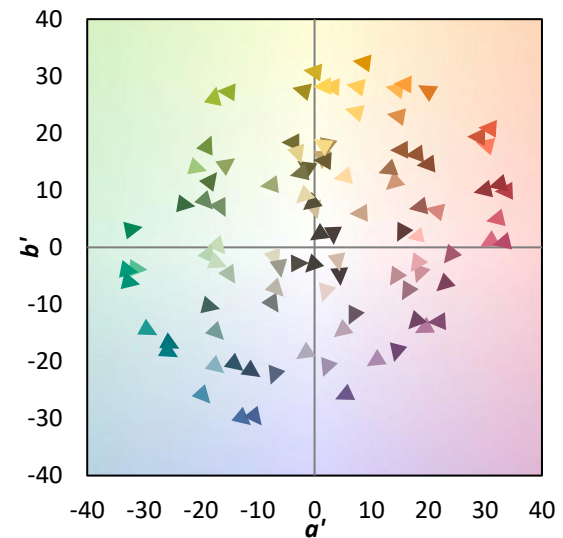
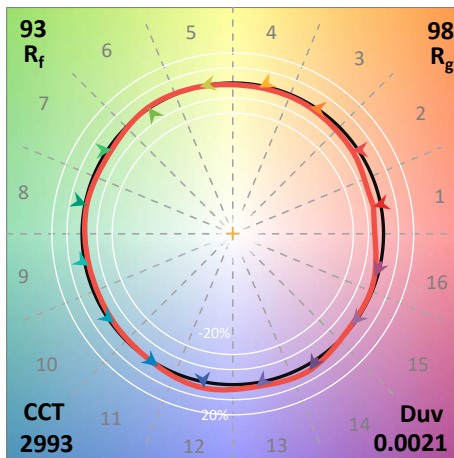
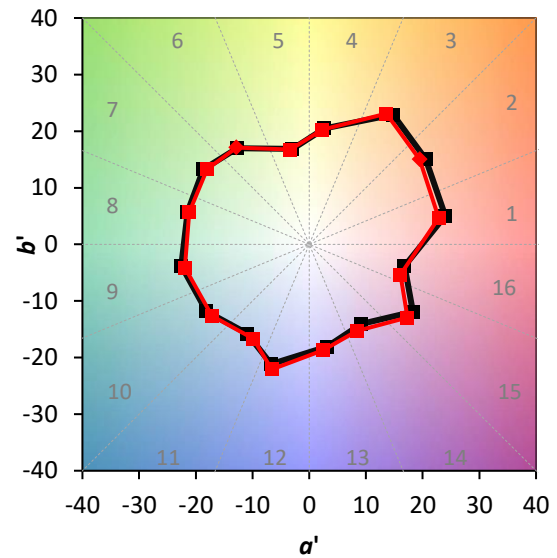
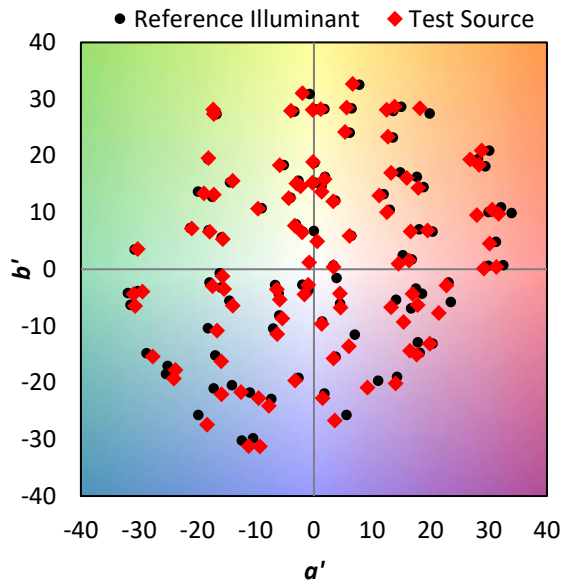
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

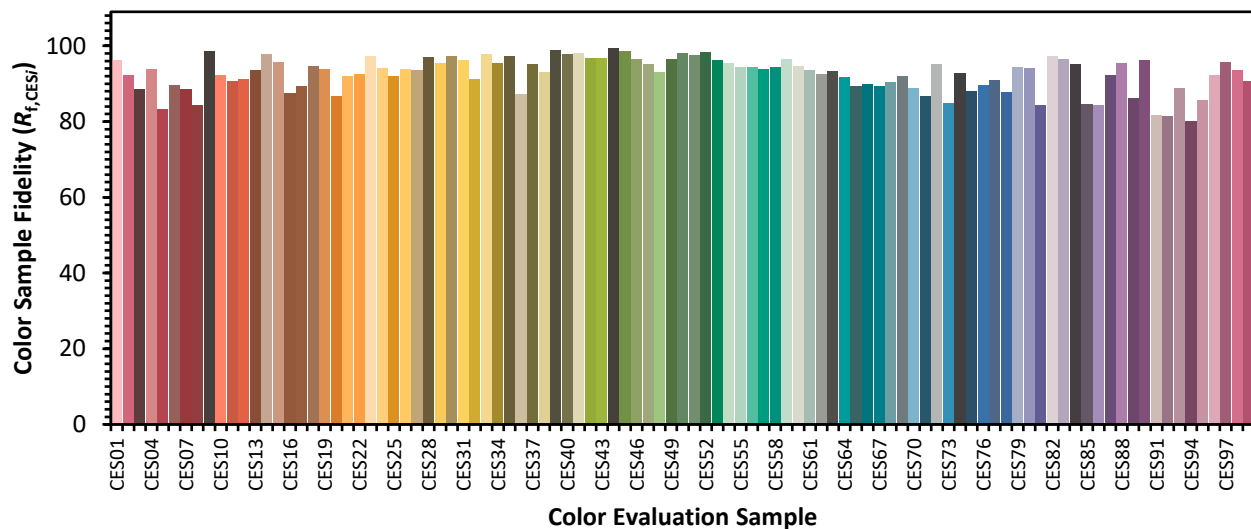


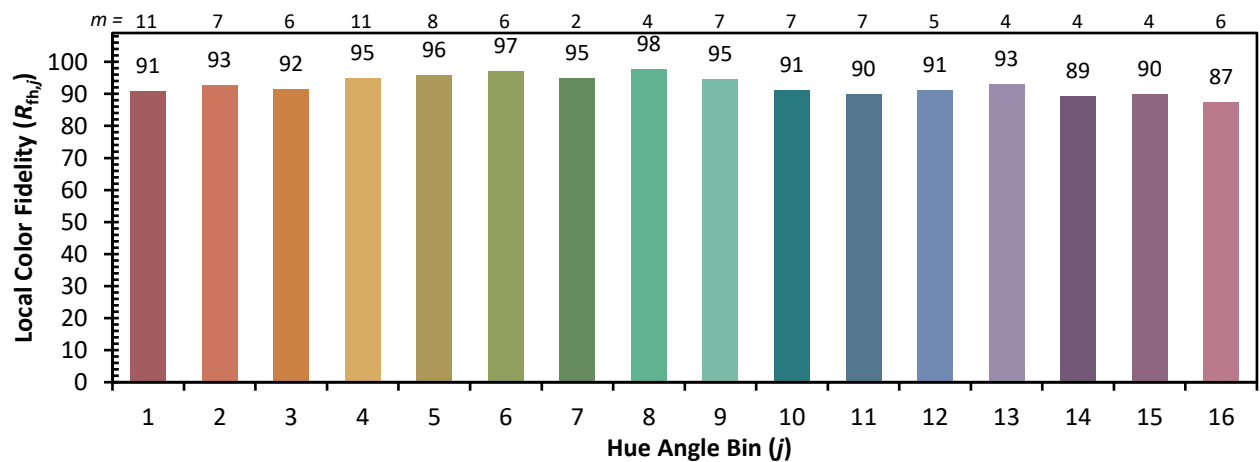
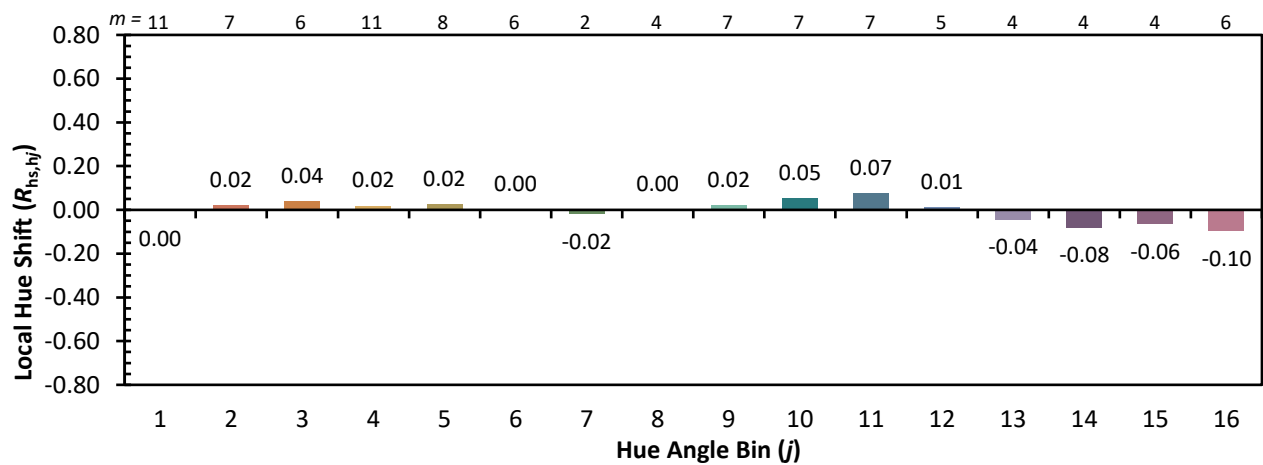
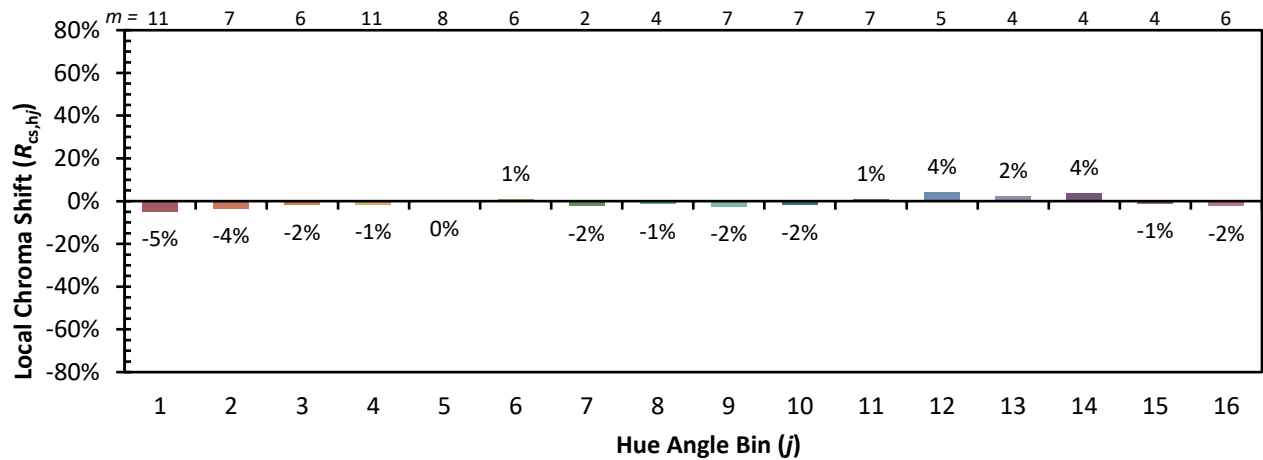
Color Vector Graphics



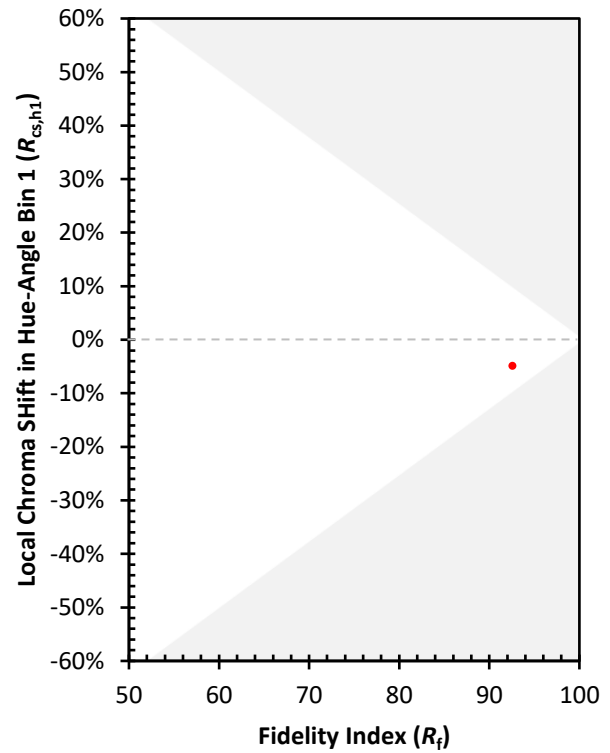
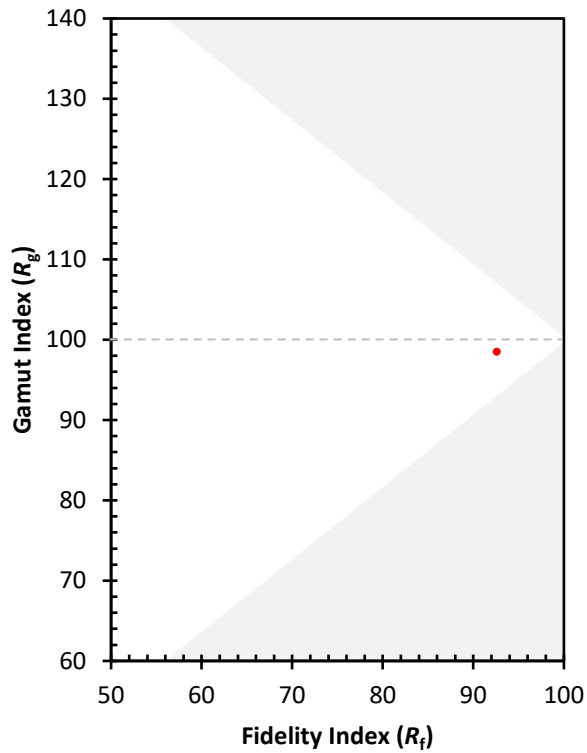
Individual Sample Fidelity Index (R_{fi})

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)