

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: P1048274

Luminaire Tested: **GALN-SA1B-722-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048274
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-722-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3381.7 lumens
Efficiency: N/A
Efficacy: 87.4 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): 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

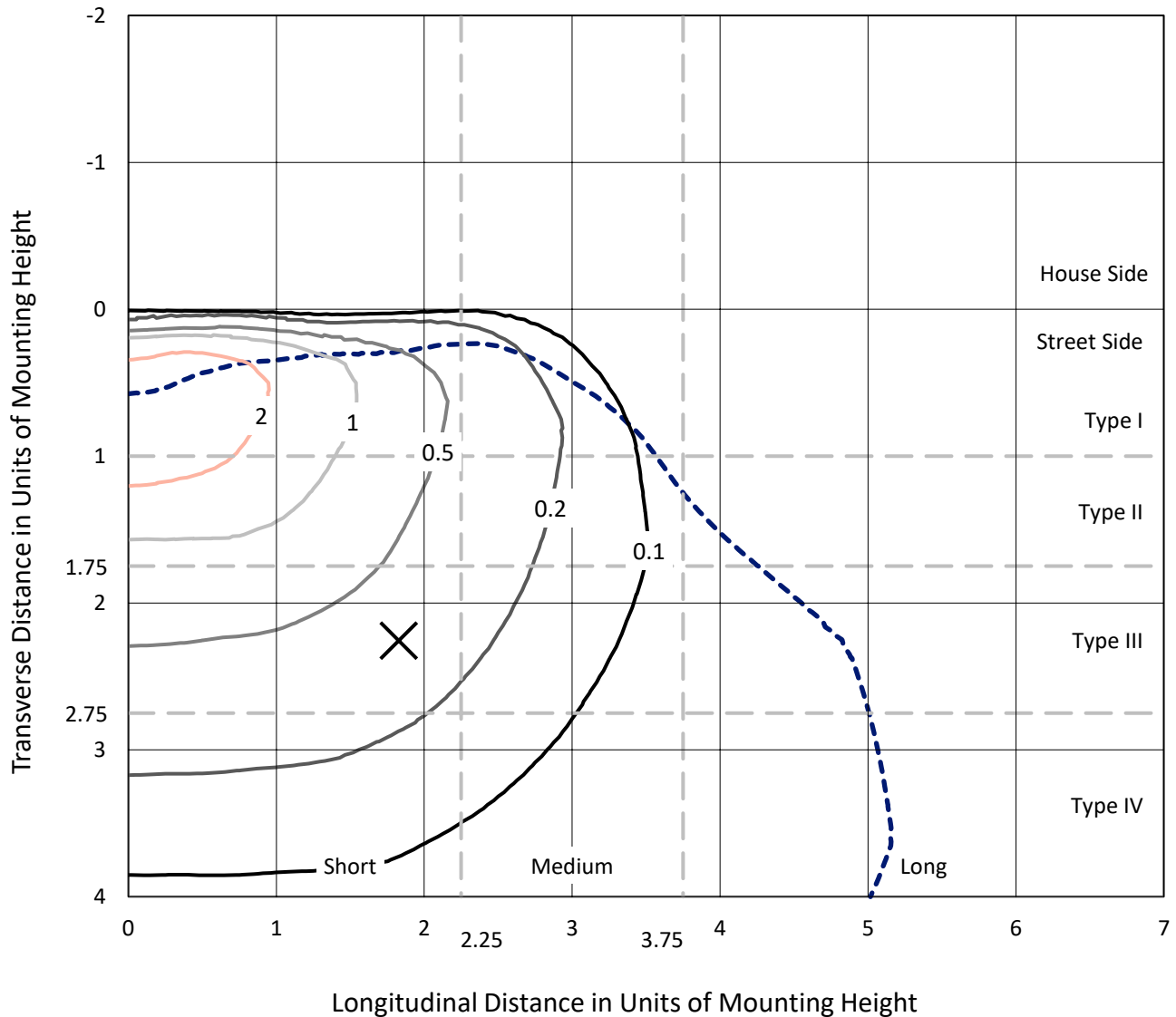


REPORT NUMBER: P1048274

CATALOG NUMBER: GALN-SA1B-722-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

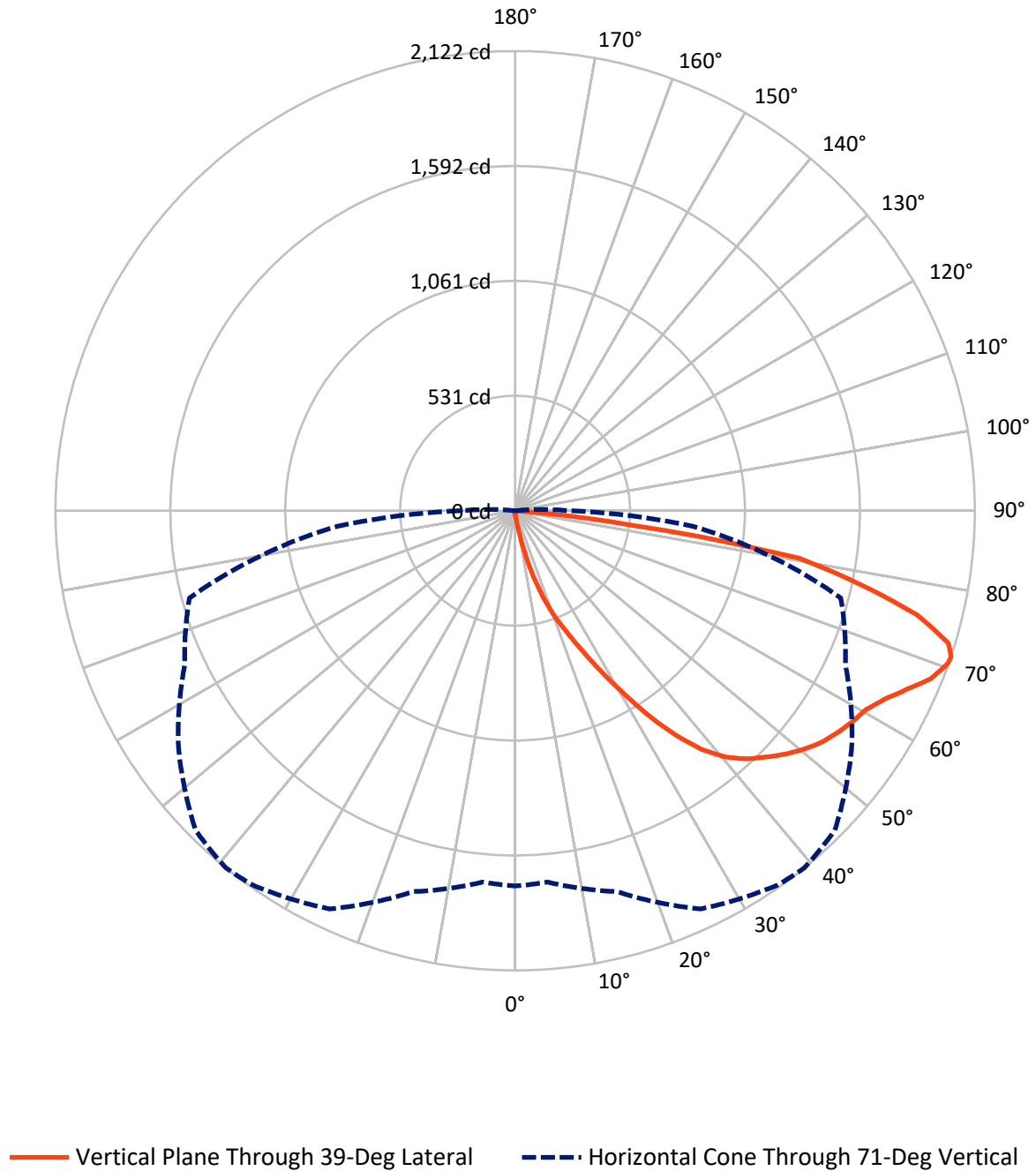


Based on 15 foot mounting height. Maximum calculated value = 3.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048274

CATALOG NUMBER: GALN-SA1B-722-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048274

CATALOG NUMBER: GALN-SA1B-722-U-T4BC

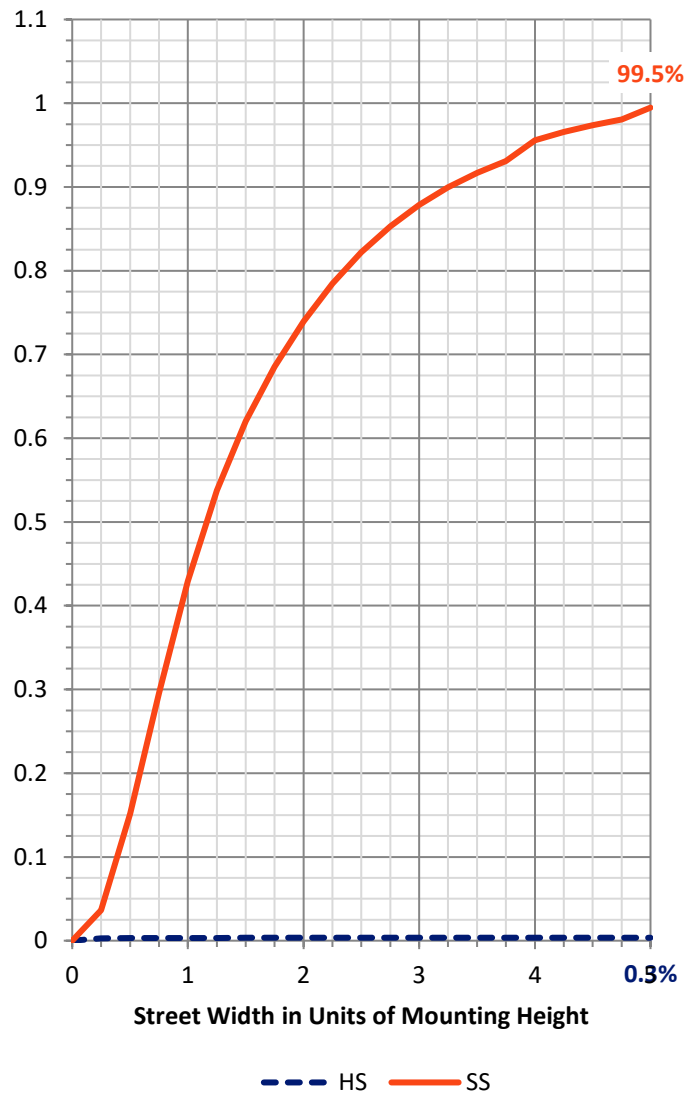
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.0	0.0	12.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3369.7	0.0	3369.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	3381.7	0.0	3381.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.1
10°-20°	36.1	1.1
20°-30°	128.7	3.8
30°-40°	310.2	9.2
40°-50°	519.2	15.4
50°-60°	666.8	19.7
60°-70°	843.9	25.0
70°-80°	752.3	22.2
80°-90°	121.6	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°	3381.7	100.0
0°-180°	3381.7	100.0



REPORT NUMBER: P1048274

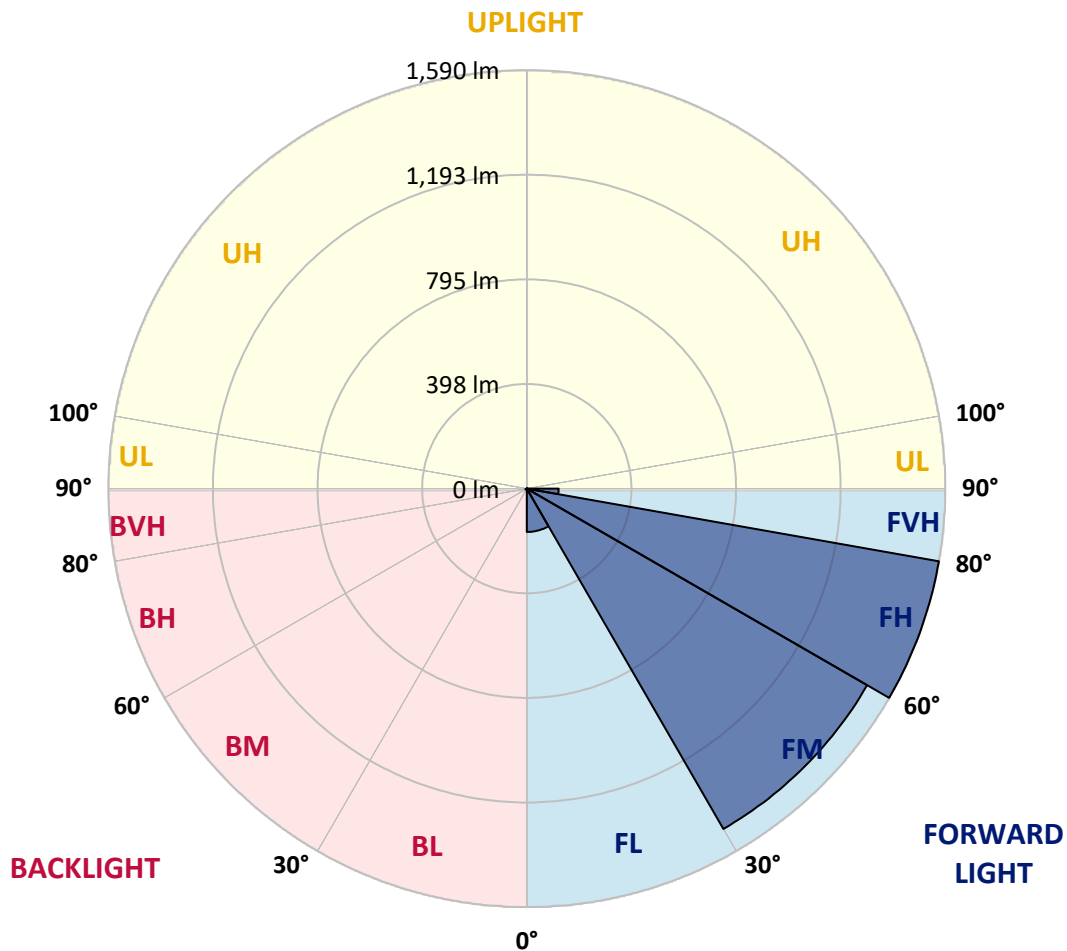
CATALOG NUMBER: GALN-SA1B-722-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	164.8	4.9			
FM	(30°-60°)	1493.4	44.2			
FH	(60°-80°)	1590.4	47.0			G1/1800
FVH	(80°-90°)	121.1	3.6			G2/225
BL	(0°-30°)	2.9	0.1	B0/110		
BM	(30°-60°)	2.8	0.1	B0/220		
BH	(60°-80°)	5.8	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





REPORT NUMBER: P1048274

CATALOG NUMBER: GALN-SA1B-722-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
2.5°	21.3	21.3	21.3	20.6	20.6	20.4	20.1	20.1	19.7	19.5	19.0
5°	32.3	31.6	30.0	29.1	27.2	26.1	25.0	23.4	21.7	20.6	19.2
7.5°	73.0	74.6	69.4	59.5	49.4	45.1	37.8	30.4	25.2	21.7	19.5
10°	186.1	185.2	167.3	147.7	114.0	100.5	78.7	49.7	32.5	23.8	19.7
12.5°	316.6	315.7	294.6	267.8	223.4	195.3	154.1	92.7	46.7	27.0	19.7
15°	426.3	422.6	416.0	389.4	337.4	313.9	259.4	163.9	75.5	32.5	20.1
17.5°	498.8	495.6	489.4	479.8	446.9	418.9	375.2	257.5	122.2	42.1	21.1
20°	565.4	563.1	558.1	556.3	535.0	520.1	483.9	365.1	190.5	57.2	22.4
22.5°	657.0	652.2	654.3	643.3	622.4	604.6	582.4	477.8	273.8	82.4	25.0
25°	769.2	766.9	761.2	753.4	724.5	709.0	674.9	584.0	367.0	115.4	27.7
27.5°	904.7	902.2	900.8	883.0	849.8	832.8	785.2	684.2	471.8	161.6	31.4
30°	1060.8	1062.0	1053.0	1030.2	991.5	967.7	918.7	789.3	579.2	215.9	35.3
32.5°	1222.4	1220.2	1206.4	1179.4	1144.8	1122.6	1060.4	904.5	691.8	287.5	39.8
35°	1396.7	1392.3	1356.1	1325.2	1295.7	1267.8	1211.0	1038.2	804.4	367.9	46.0
37.5°	1572.5	1552.1	1479.5	1440.4	1420.0	1397.1	1344.2	1180.8	916.4	457.6	53.6
40°	1705.2	1689.4	1603.4	1531.3	1515.0	1495.6	1456.2	1303.9	1035.4	554.0	62.7
42.5°	1778.7	1770.0	1692.7	1621.5	1583.2	1566.1	1532.4	1411.5	1153.1	660.4	76.0
45°	1810.1	1796.6	1744.8	1711.7	1650.8	1622.4	1582.3	1492.8	1276.0	781.3	94.5
47.5°	1800.5	1792.7	1755.6	1767.7	1723.6	1679.4	1620.5	1555.1	1381.1	920.0	120.0
50°	1740.0	1733.4	1722.0	1787.7	1782.2	1730.0	1670.0	1604.3	1466.9	1063.1	159.3
52.5°	1625.1	1622.4	1651.7	1772.1	1815.4	1774.6	1717.6	1647.8	1547.1	1212.6	215.6
55°	1477.0	1488.2	1572.0	1747.8	1832.3	1807.6	1759.7	1688.5	1611.4	1346.3	298.7
57.5°	1416.1	1419.1	1523.7	1730.7	1839.9	1836.6	1800.7	1727.5	1670.4	1453.2	425.6
60°	1487.3	1482.7	1537.9	1743.7	1855.0	1862.7	1837.1	1763.6	1721.7	1545.0	594.5
62.5°	1616.0	1613.4	1631.1	1799.3	1899.1	1914.9	1887.7	1789.7	1767.1	1605.4	787.3
65°	1730.9	1725.6	1758.4	1898.0	1976.7	1988.0	1964.2	1834.4	1787.0	1649.4	968.3
67.5°	1780.6	1779.4	1832.1	1991.9	2058.2	2070.4	2049.5	1895.9	1782.4	1663.4	1048.2
70°	1757.9	1753.5	1837.8	2031.7	2104.3	2118.0	2097.8	1918.8	1732.7	1619.2	929.9
71°	1732.9	1721.3	1820.6	2028.9	2110.7	2122.3	2087.1	1898.0	1682.8	1556.4	822.5
72.5°	1655.6	1657.6	1773.5	2000.3	2095.3	2091.9	2026.2	1823.4	1622.6	1414.1	660.7
75°	1465.1	1477.2	1620.8	1880.1	1958.4	1914.7	1814.2	1680.8	1501.7	1013.9	458.8
77.5°	1197.3	1215.4	1373.1	1648.9	1626.7	1622.4	1618.3	1480.9	1282.4	544.6	319.1
80°	571.6	610.8	828.2	1177.1	1278.8	1328.0	1297.1	1193.4	991.7	259.4	190.7
82.5°	37.3	36.9	52.2	98.9	416.9	538.9	856.2	853.0	691.3	126.4	77.8
85°	17.6	18.1	19.9	22.7	26.3	28.8	39.8	233.5	330.8	60.2	16.9
87.5°	10.3	10.5	12.4	15.8	20.6	22.9	27.2	35.0	43.0	33.2	3.7
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: P1048274

CATALOG NUMBER: GALN-SA1B-722-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
2.5°	18.8	18.5	17.9	17.2	16.5	16.0	15.8	16.0	16.0	16.3	16.3
5°	18.8	18.1	16.9	15.6	14.7	13.7	13.3	13.0	13.3	13.3	13.3
7.5°	18.5	17.4	15.8	14.2	13.0	11.9	11.4	11.2	11.2	11.4	11.4
10°	18.1	16.9	14.9	13.0	11.7	10.3	9.6	8.9	8.9	8.9	9.2
12.5°	17.9	16.3	13.7	11.9	10.1	8.5	7.1	6.4	6.6	6.6	6.6
15°	17.4	15.6	13.0	10.8	8.5	6.4	5.3	4.6	4.8	5.0	4.8
17.5°	17.4	15.3	12.1	9.4	6.6	4.8	3.9	3.4	3.4	3.7	3.7
20°	17.4	14.9	11.4	8.0	5.0	3.7	2.7	2.5	2.5	3.0	3.2
22.5°	17.9	14.9	10.5	6.6	4.1	2.7	2.1	1.8	2.1	2.5	2.7
25°	18.5	14.7	9.6	6.0	3.4	2.1	1.6	1.1	1.4	1.8	2.1
27.5°	19.2	14.4	8.7	5.3	2.7	1.6	1.1	0.9	0.7	0.9	0.9
30°	19.9	14.4	7.8	4.3	2.3	1.1	0.7	0.5	0.2	0.0	0.0
32.5°	20.4	14.0	7.1	3.4	1.8	0.9	0.5	0.2	0.0	0.0	0.0
35°	20.8	13.5	6.2	2.7	1.4	0.7	0.2	0.0	0.0	0.0	0.0
37.5°	21.3	12.8	5.3	2.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0
40°	21.7	11.9	4.3	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	22.2	11.2	3.7	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	23.4	10.8	3.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	25.4	10.3	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	28.4	9.8	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	32.5	9.6	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	39.8	9.4	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	52.4	9.2	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	80.4	8.7	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	143.5	8.5	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	250.2	8.7	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	358.7	9.2	1.6	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	307.0	8.0	1.6	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0
71°	250.2	7.1	1.6	0.9	0.5	0.2	0.2	0.0	0.0	0.0	0.0
72.5°	160.9	5.5	1.4	0.9	0.5	0.5	0.2	0.0	0.0	0.0	0.0
75°	68.0	4.6	1.4	0.9	0.7	0.5	0.5	0.2	0.0	0.0	0.0
77.5°	29.1	3.4	1.4	1.1	0.9	0.7	0.7	0.5	0.2	0.0	0.0
80°	11.0	2.7	1.6	1.4	1.1	1.1	0.9	0.5	0.2	0.0	0.0
82.5°	5.0	2.3	1.6	1.4	1.4	1.1	0.9	0.7	0.5	0.0	0.0
85°	3.2	2.1	1.6	1.4	1.4	1.1	1.1	0.7	0.5	0.0	0.0
87.5°	2.5	2.1	1.6	1.6	1.4	1.4	0.9	0.7	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

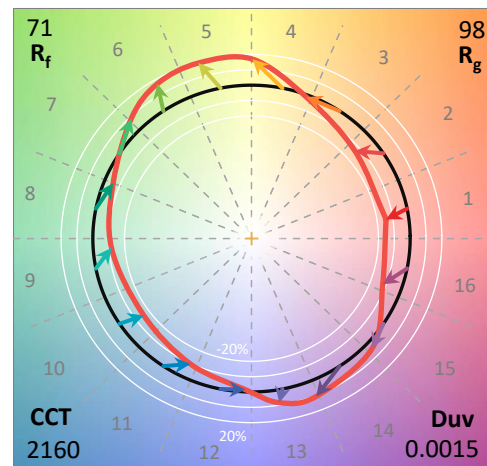
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

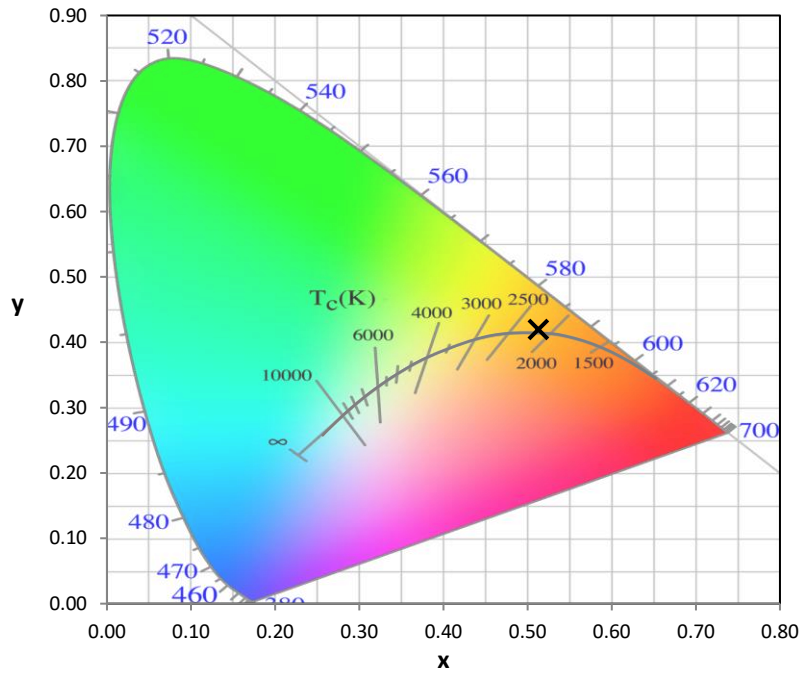
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-2

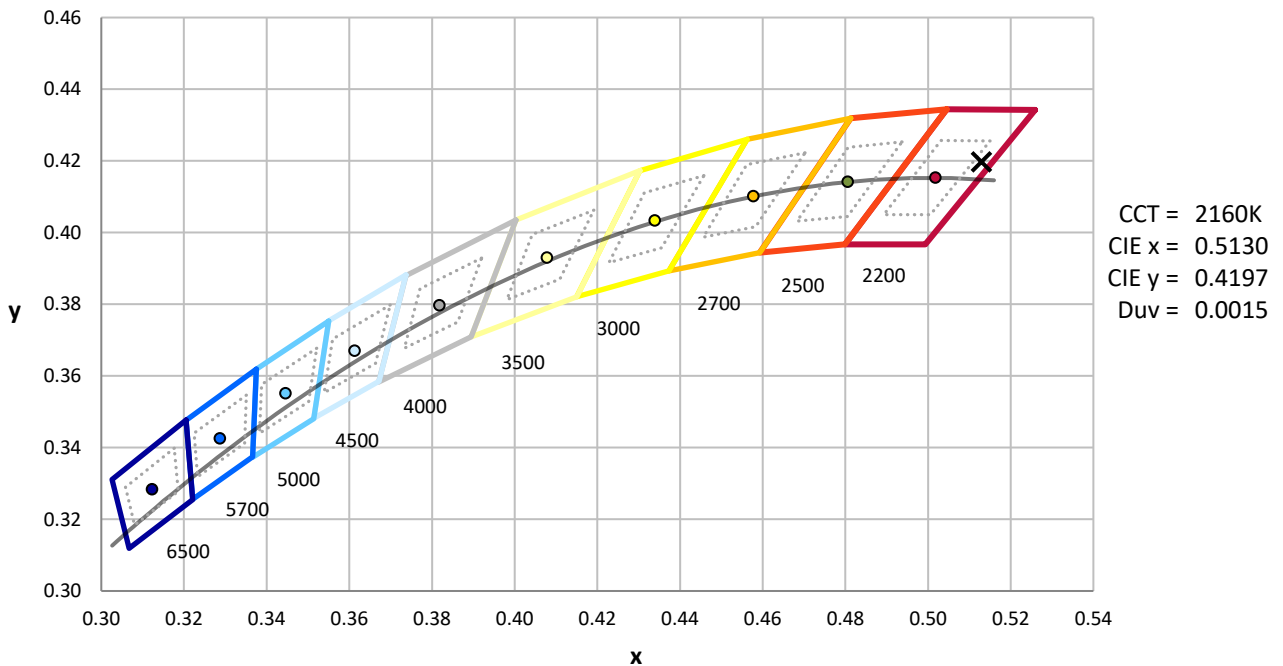
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



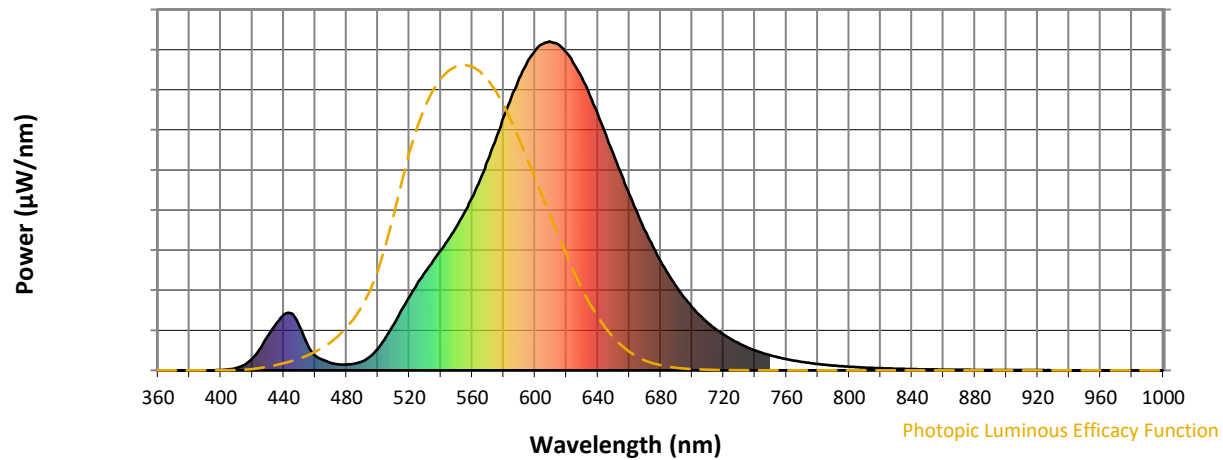
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

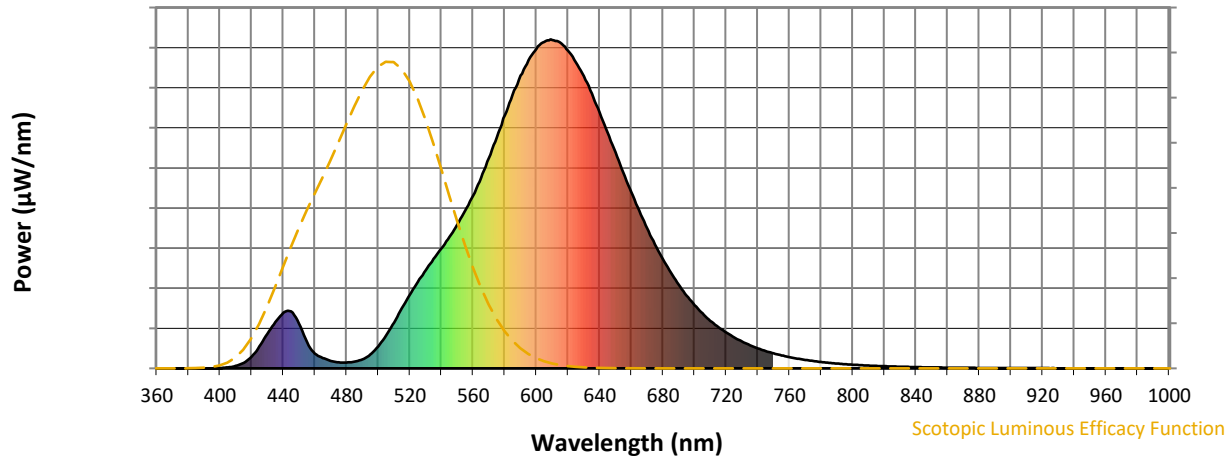


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength



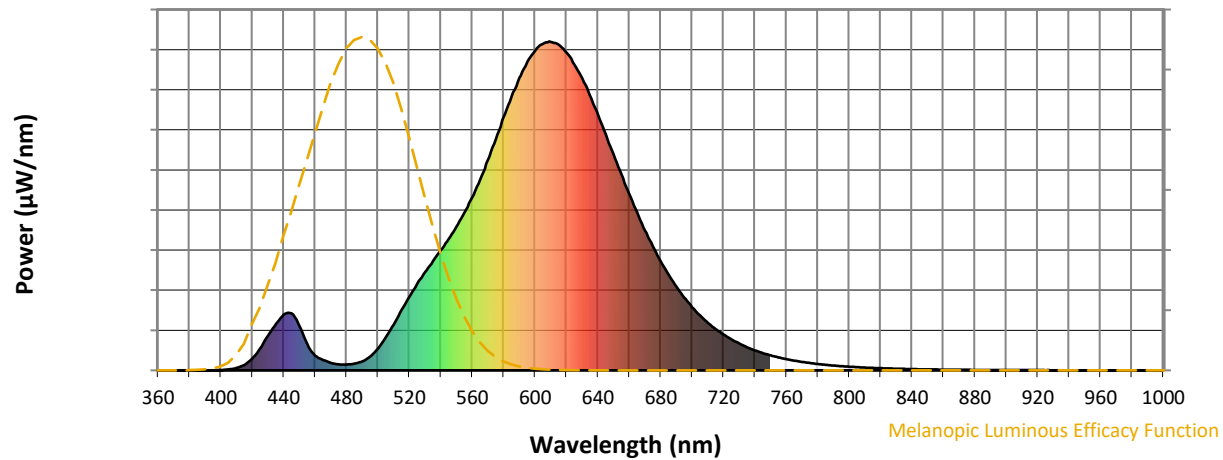
Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

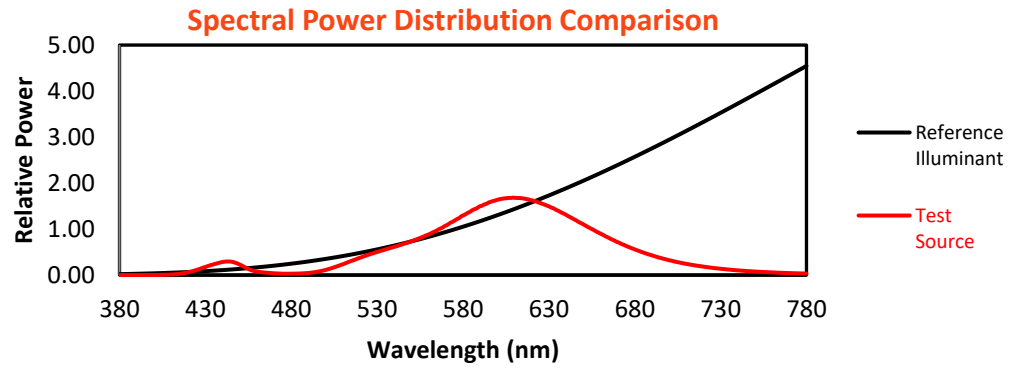
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

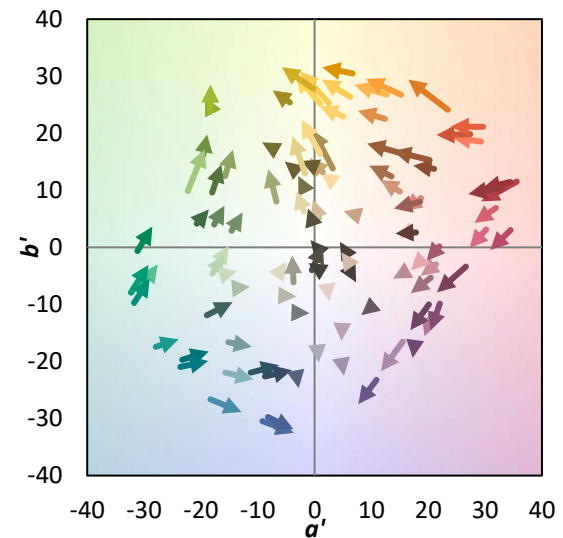
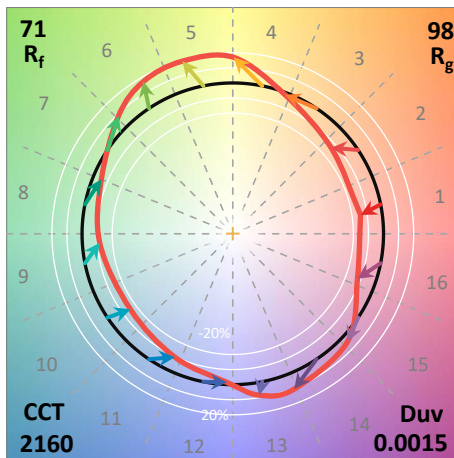
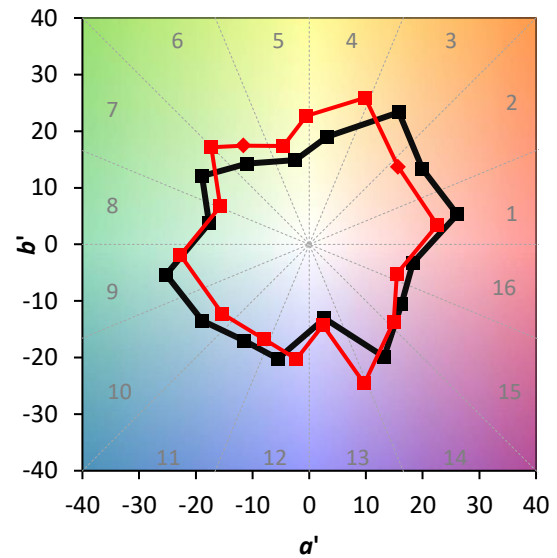
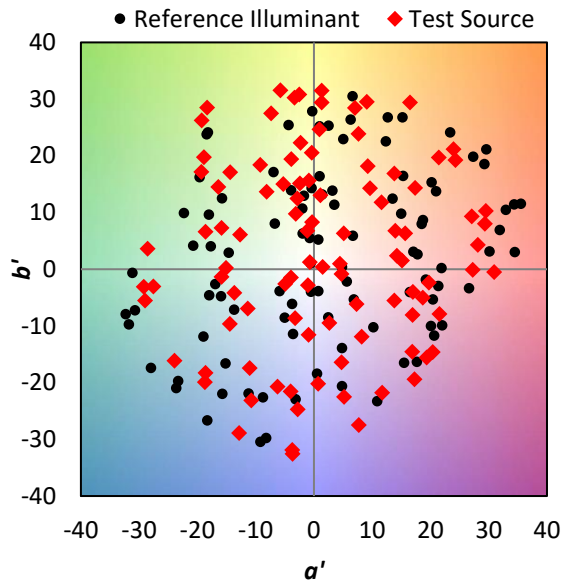
TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE\ R_a = 71.9$
 $R_g = -17.8$

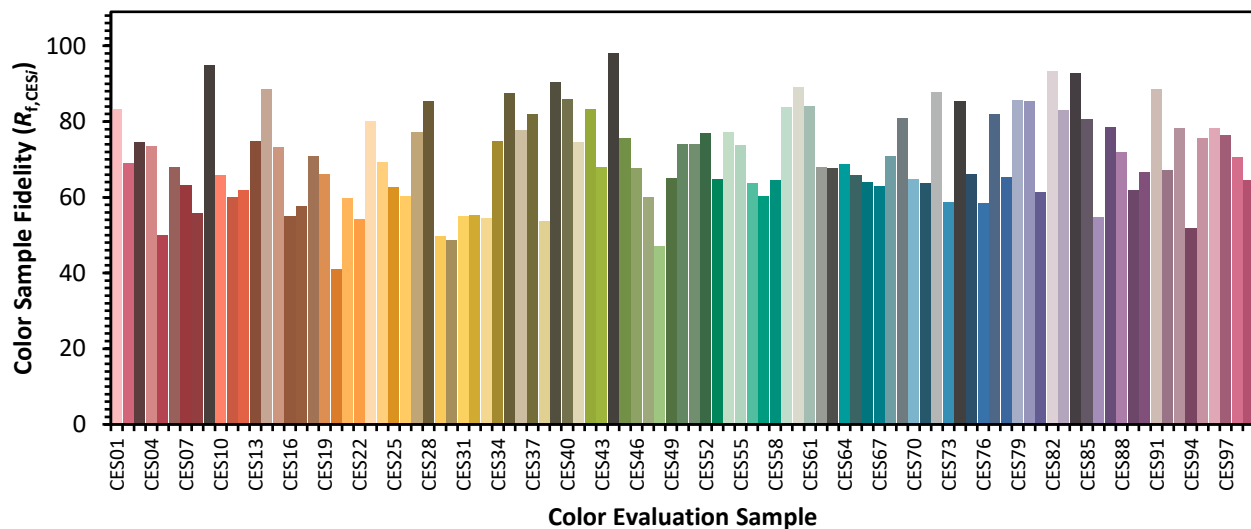


Color Vector Graphics

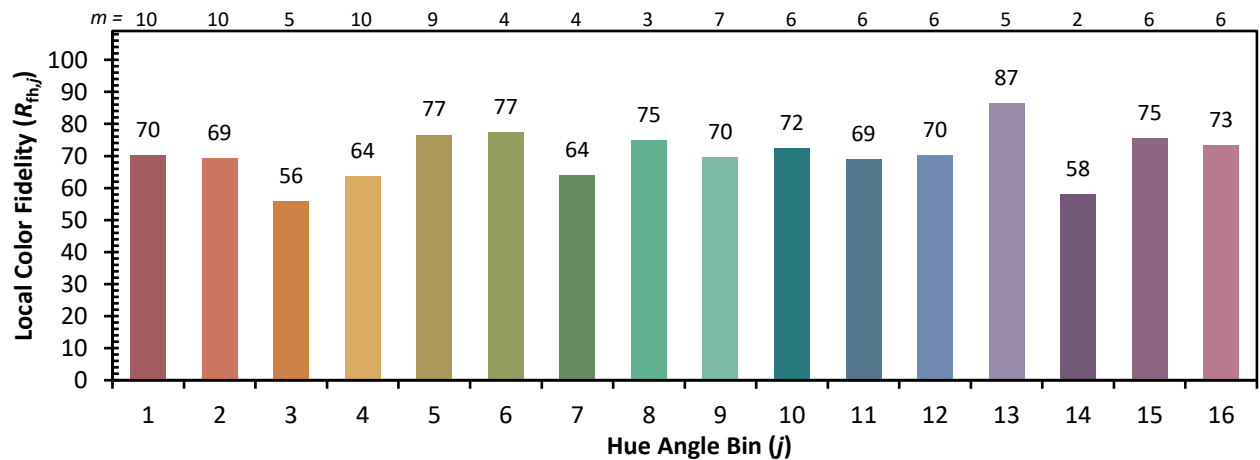
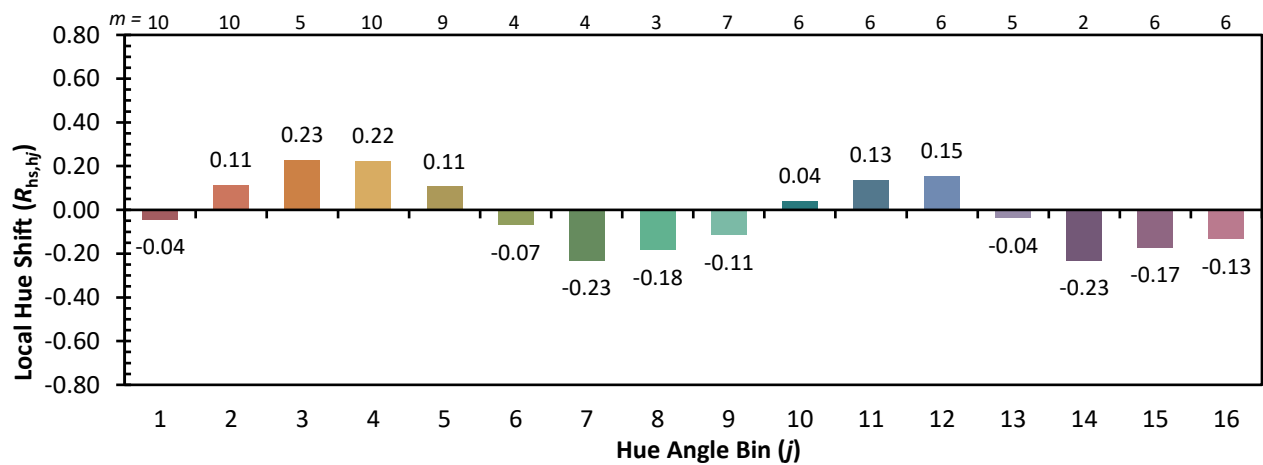
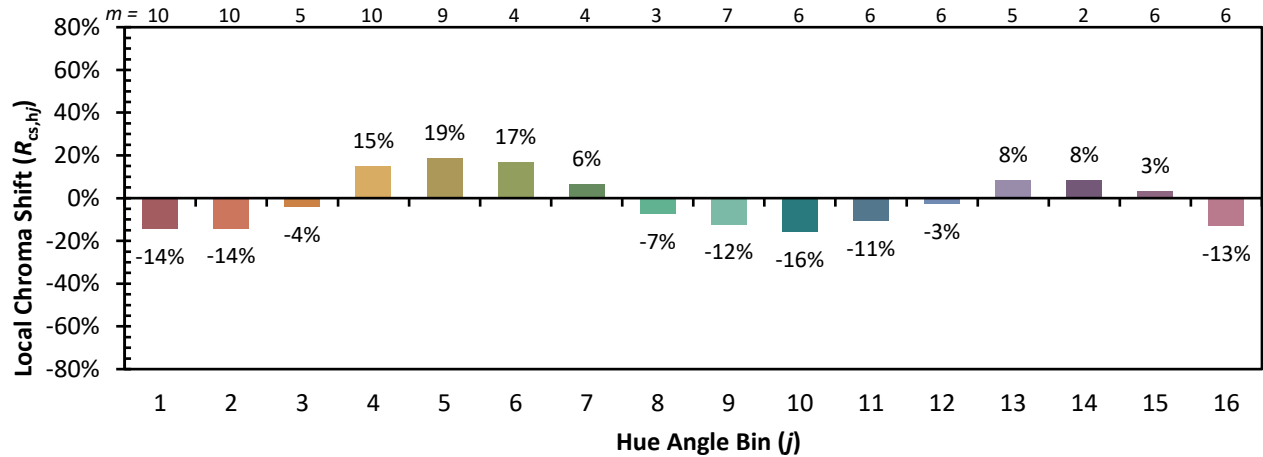


Individual Sample Fidelity Index ($R_{f,i}$)

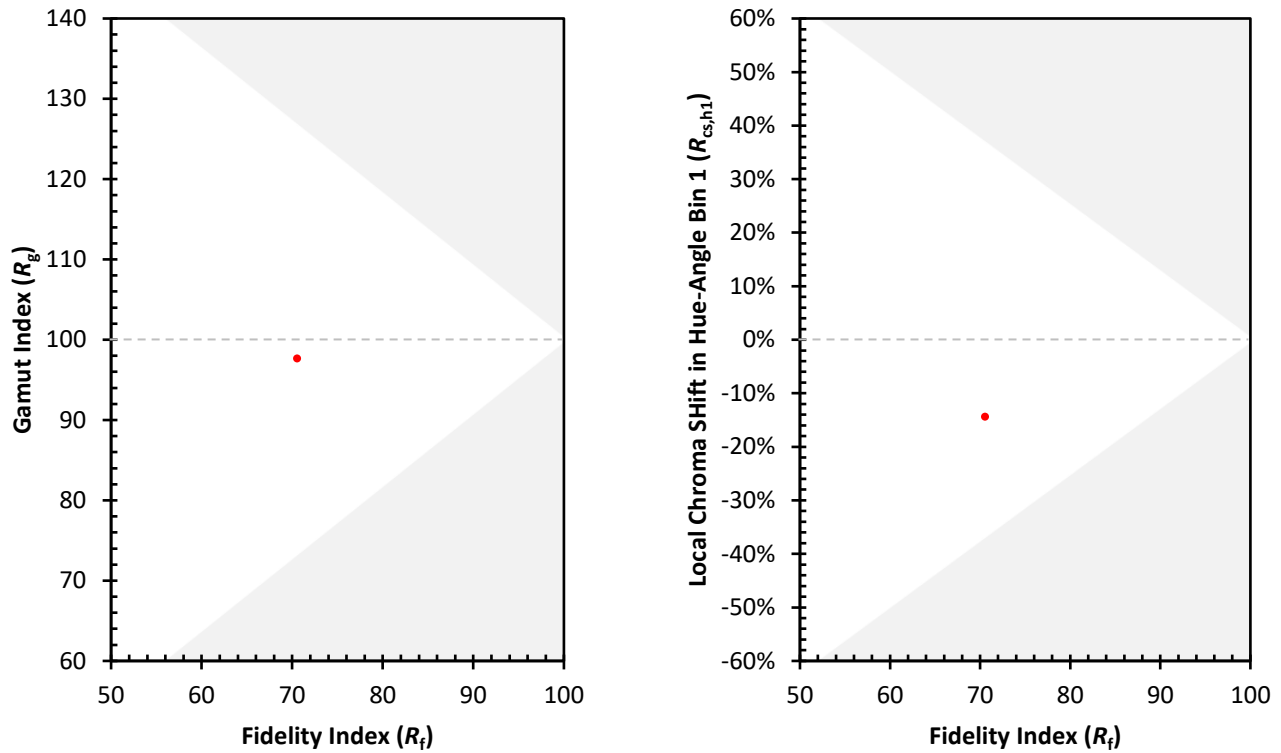
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)