Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1500977

Luminaire Tested: GSS-SB4A-722-U-T3LG

Issue Date: 07/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1500977
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-722-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2200K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14695.5 lumens
Efficiency:	N/A
Efficacy:	128.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

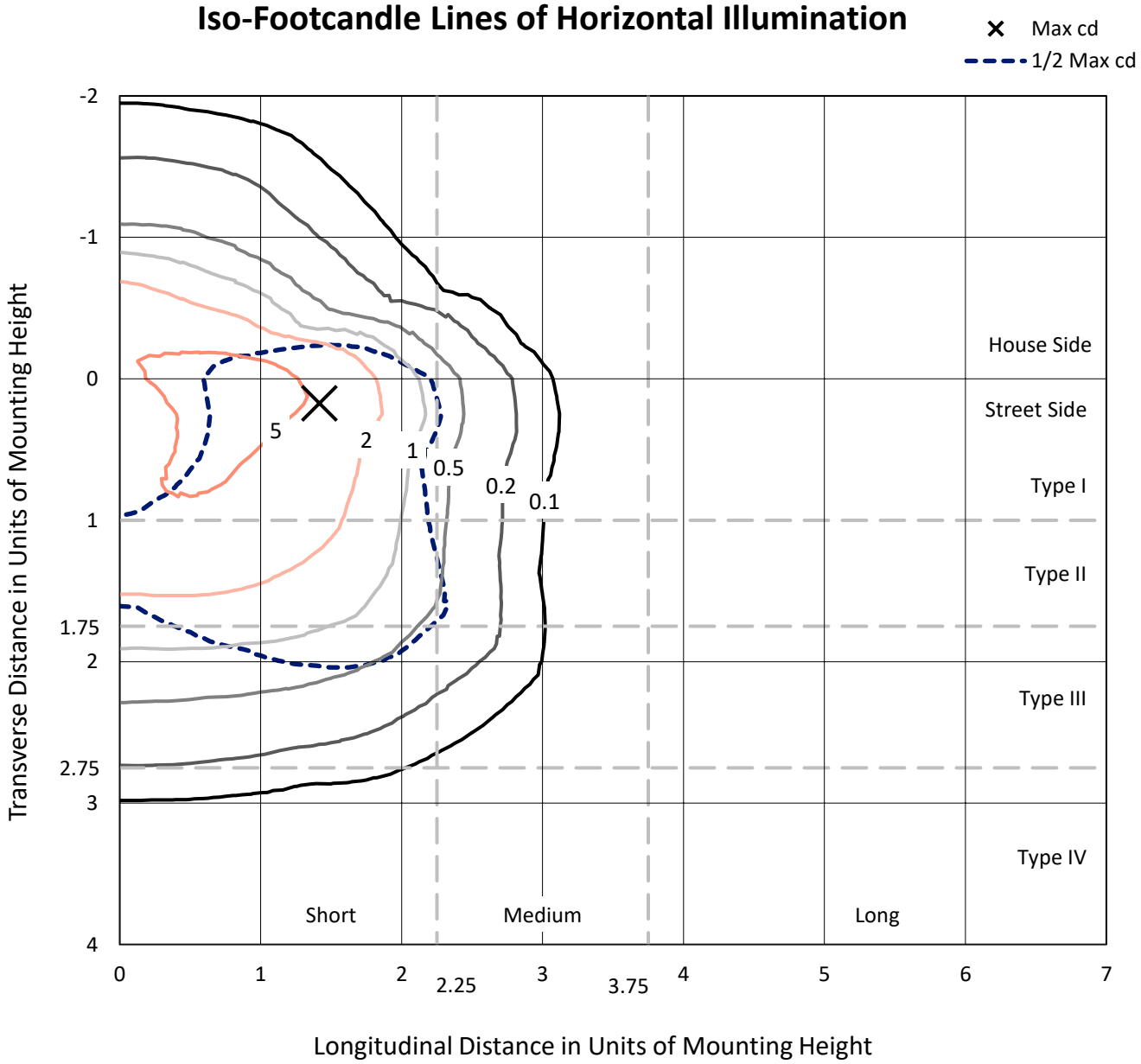
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500977
CATALOG NUMBER: GSS-SB4A-722-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



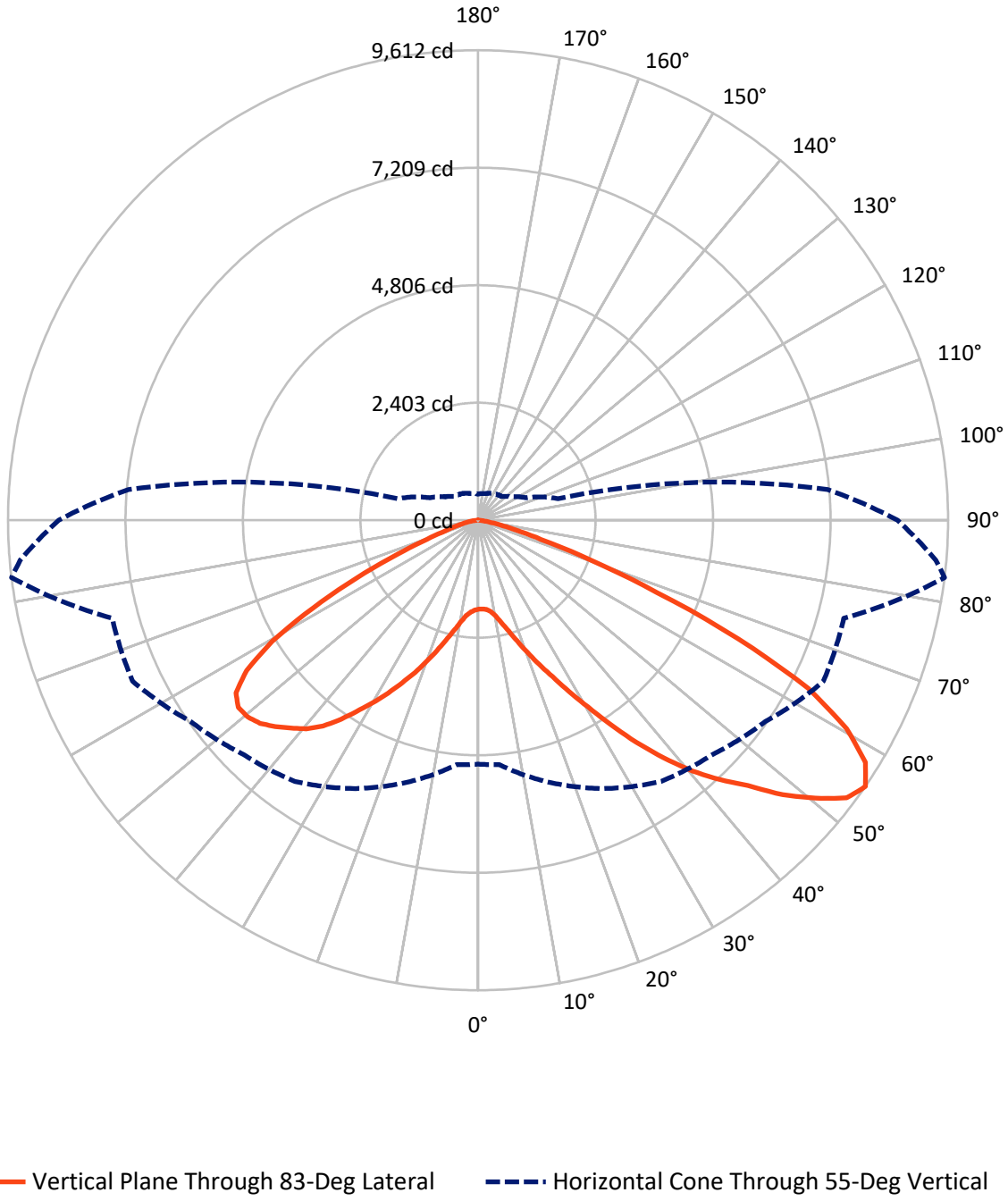
Based on 20 foot mounting height. Maximum calculated value = 7.7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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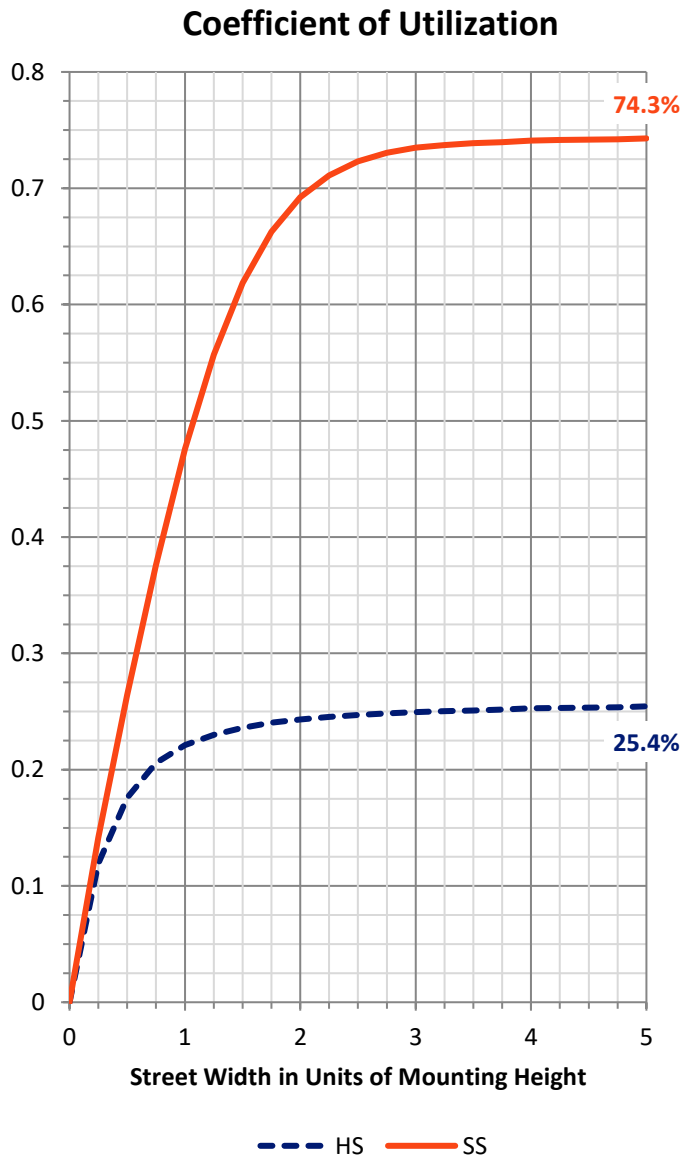
REPORT NUMBER: P1500977
CATALOG NUMBER: GSS-SB4A-722-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3771.2	0.0	3771.2
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	10924.4	0.0	10924.4
	% Fixture	74.3	0.0	74.3
Total	Lumens	14695.5	0.0	14695.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.8	1.2
10°-20°	572.6	3.9
20°-30°	1146.4	7.8
30°-40°	2039.5	13.9
40°-50°	3073.5	20.9
50°-60°	3745.3	25.5
60°-70°	3028.6	20.6
70°-80°	829.5	5.6
80°-90°	84.5	0.6
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°	14695.5	100.0
0°-180°	14695.5	100.0



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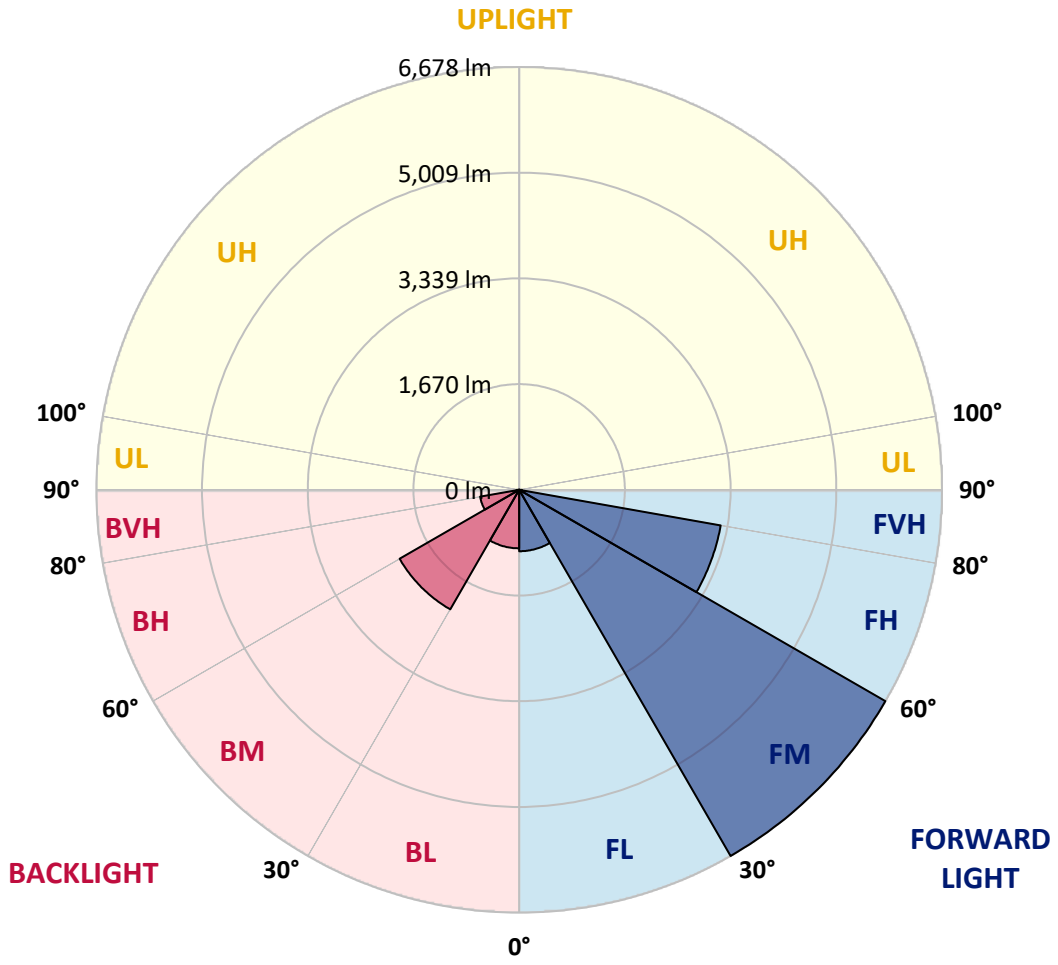
Scaled Data Report

REPORT NUMBER: P1500977
CATALOG NUMBER: GSS-SB4A-722-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	970.3	6.6			
FM	(30°-60°)	6678.1	45.4			
FH	(60°-80°)	3231.9	22.0			G2/5000
FVH	(80°-90°)	44.0	0.3			G1/100
BL	(0°-30°)	924.4	6.3	B2/1000		
BM	(30°-60°)	2180.2	14.8	B2/2500		
BH	(60°-80°)	626.1	4.3	B2/1000		G2/1000
BVH	(80°-90°)	40.5	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2	*1819.2*	1819.2
2.5°	1766.9	1763.6	1760.4	1757.1	1763.6	1773.4	1783.2	1789.8	1806.1	*1819.2*	1812.6
5°	1626.5	1619.9	1626.5	1652.6	1675.5	1714.6	1753.8	1780.0	1815.9	*1832.2*	1838.8
7.5°	1502.4	1495.8	1502.4	1535.0	1574.2	1636.3	1717.9	1783.2	1848.5	*1887.7*	1894.3
10°	1502.4	1505.6	1505.6	1518.7	1538.3	1600.3	1698.3	1822.4	1936.7	*1992.3*	2005.3
12.5°	1551.3	1551.3	1551.3	1567.7	1580.7	1629.7	1740.8	1894.3	2077.2	*2158.8*	2168.6
15°	1616.7	1613.4	1623.2	1633.0	1655.9	1704.8	1815.9	1998.8	2230.7	*2354.8*	2367.8
17.5°	1708.1	1701.6	1711.4	1734.2	1766.9	1822.4	1933.5	2142.5	2443.0	*2599.7*	2619.3
20°	1809.4	1806.1	1825.7	1861.6	1907.3	1975.9	2103.3	2315.6	2684.6	*2883.9*	2919.8
22.5°	1930.2	1923.7	1959.6	2024.9	2087.0	2165.3	2318.8	2540.9	2962.2	*3200.7*	3236.6
25°	2067.4	2067.4	2116.4	2194.7	2289.5	2429.9	2583.4	2828.3	3288.8	*3543.6*	3599.1
27.5°	2292.7	2309.1	2328.6	2410.3	2544.2	2733.6	2896.9	3174.5	3644.8	*3964.9*	3984.5
30°	2658.5	2652.0	2684.6	2740.2	2851.2	3050.4	3295.4	3592.6	4095.5	*4431.9*	4480.9
32.5°	2988.4	2998.2	3043.9	3148.4	3282.3	3452.1	3746.1	4111.9	4585.4	*4974.1*	4997.0
35°	3321.5	3328.0	3416.2	3573.0	3772.2	3961.6	4281.7	4641.0	5117.8	*5578.3*	5640.4
37.5°	3788.5	3782.0	3870.2	4004.1	4271.9	4565.8	4823.9	5166.8	5627.3	*6166.2*	6238.0
40°	4138.0	4173.9	4340.5	4510.3	4761.8	5065.5	5284.4	5607.7	6045.3	*6741.0*	6806.3
42.5°	4497.3	4526.7	4748.7	5003.5	5268.0	5473.8	5643.6	5944.1	6378.5	*7250.5*	7286.4
45°	4794.5	4833.7	5088.4	5411.7	5686.1	5895.1	5953.9	6234.8	6718.1	*7740.4*	7795.9
47.5°	4983.9	5026.4	5326.8	5705.7	5986.6	6208.6	6189.0	6584.2	7080.7	*8390.3*	8370.7
50°	5114.5	5140.7	5467.3	5872.2	6238.0	6385.0	6469.9	6979.4	7453.0	*8935.7*	8863.9
52.5°	5209.2	5251.7	5548.9	5993.1	6378.5	6571.2	6799.8	7436.6	7711.0	*9435.4*	9275.4
55°	*4987.2*	*5019.8*	*5542.4*	*6055.1*	*6522.2*	*6776.9*	*7175.4*	*7792.6*	*7743.7*	*9611.8*	*9396.2*
57.5°	4758.5	4784.7	5268.0	6038.8	6678.9	7031.7	7603.2	7838.4	7453.0	*9340.7*	9069.6
60°	4471.1	4490.7	4974.1	5865.7	6682.2	7230.9	7822.0	7505.2	6914.1	*8658.1*	8400.1
62.5°	3942.0	3942.0	4474.4	5398.7	6518.9	7332.1	7763.2	6874.9	6192.3	*7583.6*	7227.6
65°	3419.5	3396.6	3755.9	4565.8	6084.5	7306.0	7322.3	6078.0	5072.1	*5849.4*	5571.8
67.5°	2851.2	2854.5	3066.8	3706.9	4928.4	6760.6	6391.5	4696.5	3533.8	*3938.8*	3795.1
70°	1930.2	1979.2	2194.7	2691.2	3716.7	4791.2	5088.4	3181.1	2204.5	*2446.2*	2328.6
72.5°	734.8	744.6	996.1	1410.9	2348.2	2880.6	3550.1	1780.0	1290.1	*1348.9*	1355.4
75°	310.3	323.3	424.6	594.4	1041.8	1570.9	1868.1	901.4	783.8	*806.7*	800.2
77.5°	209.0	215.6	258.0	320.1	470.3	630.3	780.6	509.5	480.1	*450.7*	437.6
80°	156.8	156.8	186.2	215.6	264.5	323.3	339.7	258.0	287.4	*238.4*	231.9
82.5°	101.2	107.8	117.6	127.4	150.2	160.0	137.2	140.4	166.6	*124.1*	117.6
85°	49.0	52.3	55.5	58.8	58.8	55.5	49.0	62.1	84.9	*52.3*	49.0
87.5°	6.5	6.5	6.5	6.5	6.5	6.5	3.3	3.3	3.3	*3.3*	3.3
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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Scaled Data Report

REPORT NUMBER: P1500977
CATALOG NUMBER: GSS-SB4A-722-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2	1819.2
2.5°	1822.4	1835.5	1845.3	1851.8	1868.1	1864.9	1874.7	1881.2	1887.7	1897.5	1884.5
5°	1855.1	1877.9	1904.1	1923.7	1943.3	1953.1	1956.3	1962.9	1966.1	1972.7	1969.4
7.5°	1926.9	1953.1	1992.3	2011.8	2028.2	2028.2	2018.4	2015.1	2005.3	2011.8	2011.8
10°	2047.8	2087.0	2129.4	2132.7	2113.1	2090.2	2054.3	2034.7	2008.6	2002.0	1995.5
12.5°	2224.1	2276.4	2309.1	2286.2	2217.6	2132.7	2038.0	1949.8	1881.2	1851.8	1845.3
15°	2423.4	2488.7	2495.2	2429.9	2305.8	2100.0	1900.8	1802.8	1766.9	1766.9	1763.6
17.5°	2697.7	2743.4	2717.3	2560.5	2282.9	1946.5	1802.8	1786.5	1796.3	1809.4	1809.4
20°	2985.1	3037.4	2929.6	2652.0	2142.5	1855.1	1812.6	1825.7	1848.5	1861.6	1858.3
22.5°	3328.0	3354.2	3145.1	2655.2	1992.3	1832.2	1832.2	1848.5	1864.9	1884.5	1884.5
25°	3680.8	3671.0	3344.4	2534.4	1907.3	1825.7	1819.2	1832.2	1838.8	1848.5	1845.3
27.5°	4076.0	4023.7	3497.9	2341.7	1881.2	1806.1	1773.4	1760.4	1766.9	1776.7	1780.0
30°	4529.9	4405.8	3622.0	2220.9	1871.4	1760.4	1682.0	1646.1	1639.5	1652.6	1652.6
32.5°	5055.7	4787.9	3697.1	2204.5	1861.6	1678.7	1574.2	1505.6	1492.6	1499.1	1515.4
35°	5594.6	5248.4	3677.5	2247.0	1864.9	1613.4	1459.9	1368.4	1355.4	1361.9	1378.2
37.5°	6159.6	5686.1	3602.4	2312.3	1838.8	1525.2	1355.4	1244.3	1224.7	1237.8	1244.3
40°	6597.3	6055.1	3416.2	2338.4	1793.0	1414.2	1234.5	1139.8	1087.6	1084.3	1100.6
42.5°	7002.3	6345.8	3213.7	2296.0	1698.3	1296.6	1110.4	1015.7	934.1	872.0	872.0
45°	7407.3	6639.7	3008.0	2175.1	1541.5	1172.5	979.8	852.4	757.7	712.0	715.3
47.5°	7812.2	6923.9	2763.0	1992.3	1384.8	1041.8	839.4	738.1	672.8	636.9	636.9
50°	8187.8	7129.6	2449.5	1701.6	1205.1	911.2	741.4	682.6	633.6	600.9	594.4
52.5°	8517.7	7266.8	2024.9	1348.9	1009.2	764.2	689.1	643.4	607.5	571.5	561.7
55°	*8576.5*	*7175.4*	*1695.0*	*1084.3*	*832.8*	*685.9*	*649.9*	*610.7*	*561.7*	*545.4*	*535.6*
57.5°	8214.0	6692.0	1430.5	914.5	712.0	630.3	617.3	571.5	532.4	516.0	506.2
60°	7596.7	5813.5	1182.3	783.8	633.6	578.1	594.4	548.7	486.6	476.8	467.0
62.5°	6486.2	4536.5	943.9	659.7	574.8	538.9	555.2	489.9	437.6	424.6	421.3
65°	5042.7	3246.4	793.6	581.3	529.1	499.7	493.2	434.4	395.2	385.4	385.4
67.5°	3520.7	2064.1	663.0	532.4	470.3	450.7	447.4	408.2	382.1	372.3	372.3
70°	2155.6	1250.9	558.5	486.6	414.8	378.9	401.7	395.2	356.0	346.2	342.9
72.5°	1120.2	747.9	489.9	447.4	349.5	323.3	359.3	362.5	329.9	342.9	339.7
75°	649.9	519.3	427.8	395.2	277.6	271.1	313.5	346.2	320.1	329.9	323.3
77.5°	372.3	333.1	329.9	323.3	218.8	222.1	280.9	310.3	274.3	284.1	261.3
80°	205.8	215.6	228.6	202.5	153.5	173.1	225.4	248.2	209.0	205.8	189.4
82.5°	107.8	133.9	153.5	130.6	88.2	104.5	153.5	153.5	133.9	127.4	124.1
85°	49.0	55.5	71.9	65.3	32.7	39.2	71.9	78.4	68.6	62.1	58.8
87.5°	3.3	3.3	3.3	3.3	3.3	3.3	6.5	9.8	3.3	3.3	3.3
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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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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

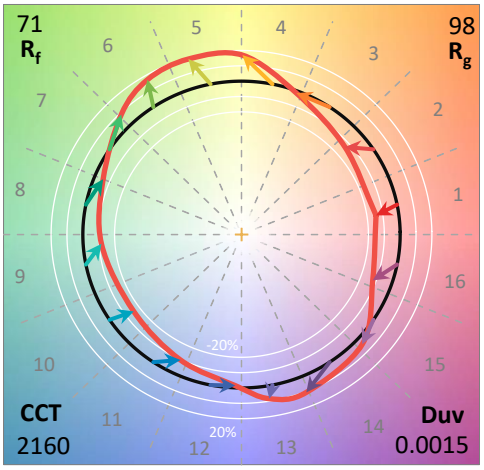
Test Information

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
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

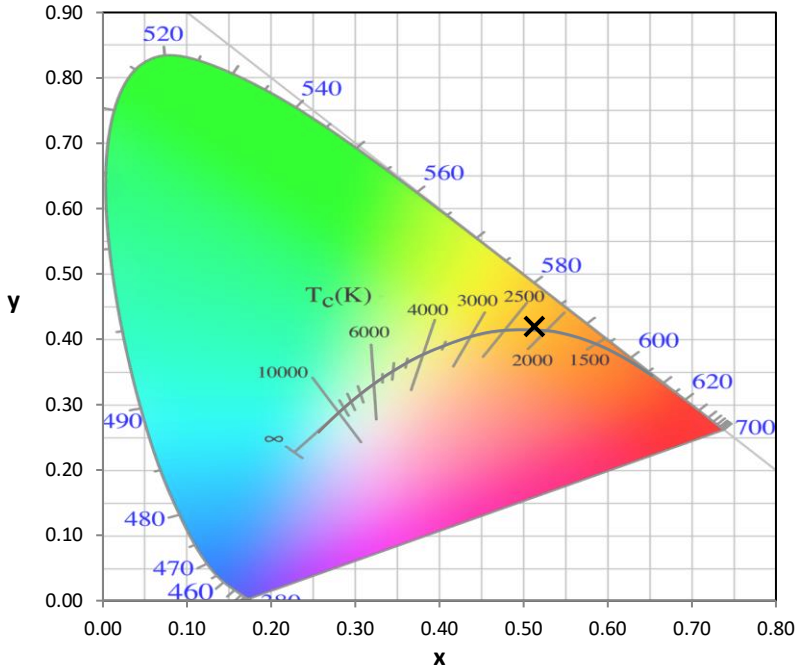
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

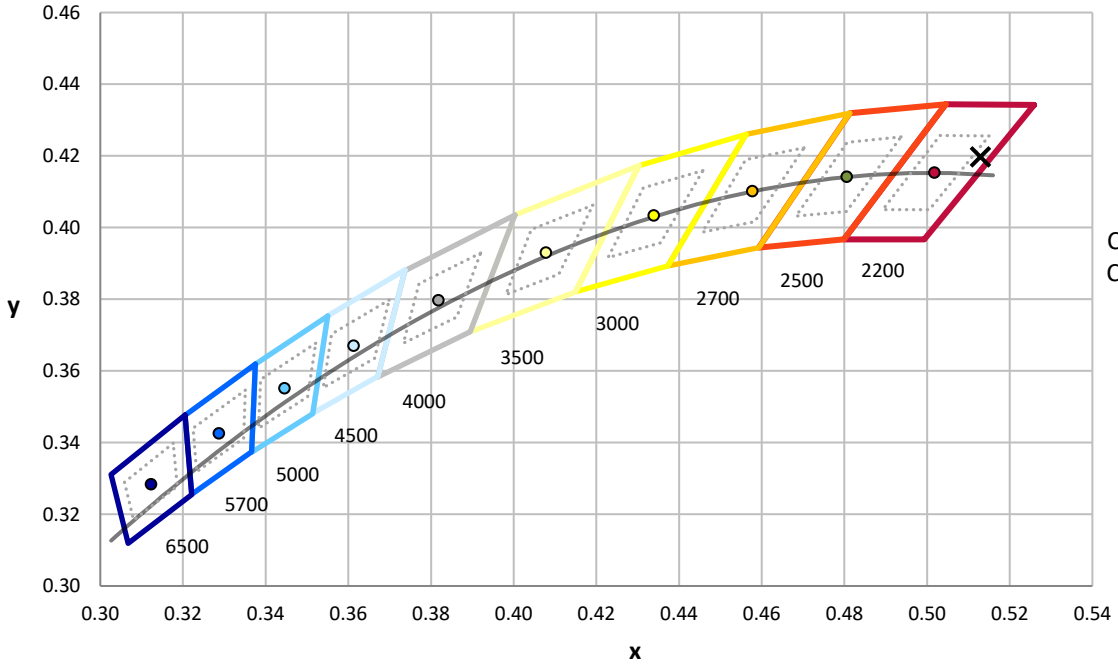
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

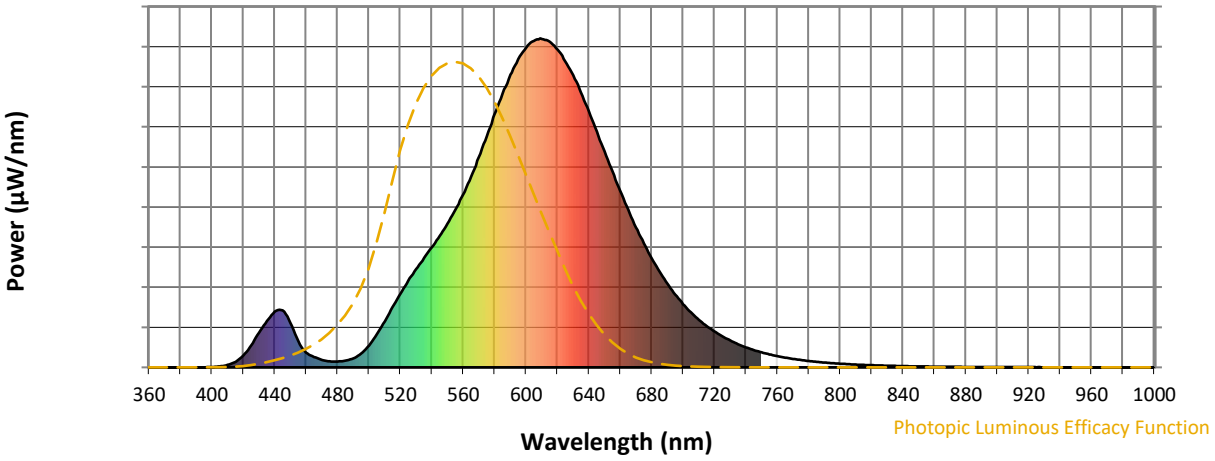


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

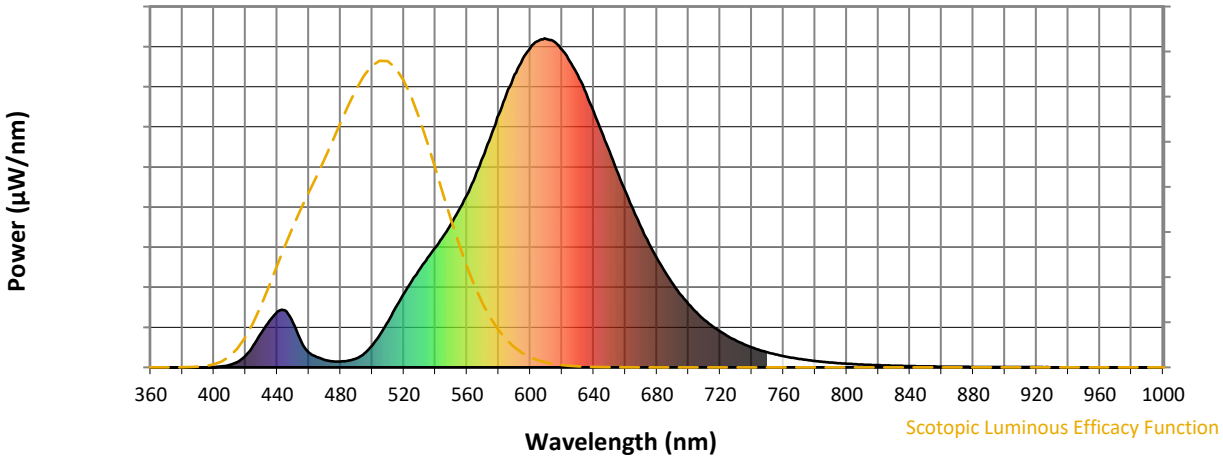


Photopic Lumens: NR

λ (nm)	Power 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			

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Scotopic Flux vs. Wavelength

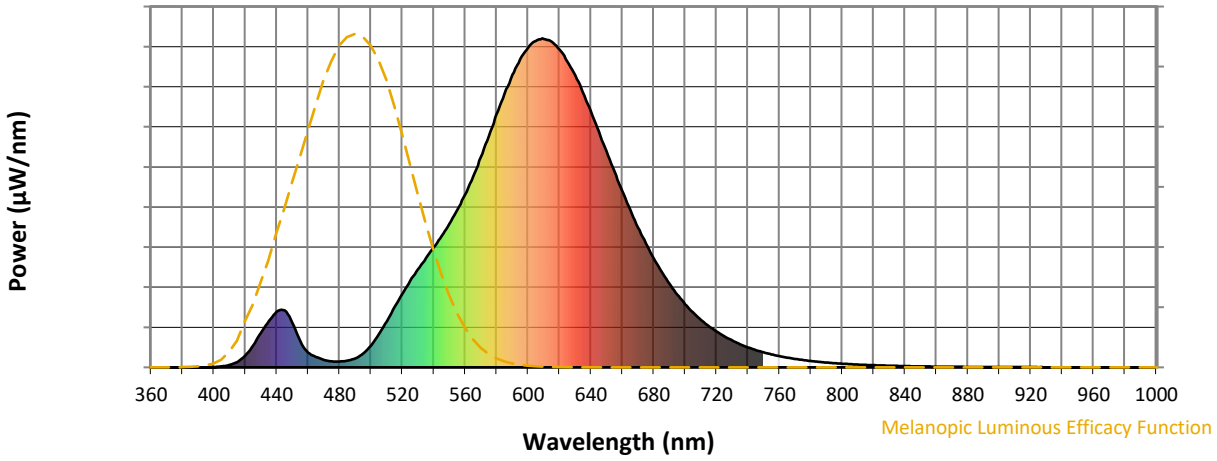


Scotopic Lumens: NR **S/P: 0.8**

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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			

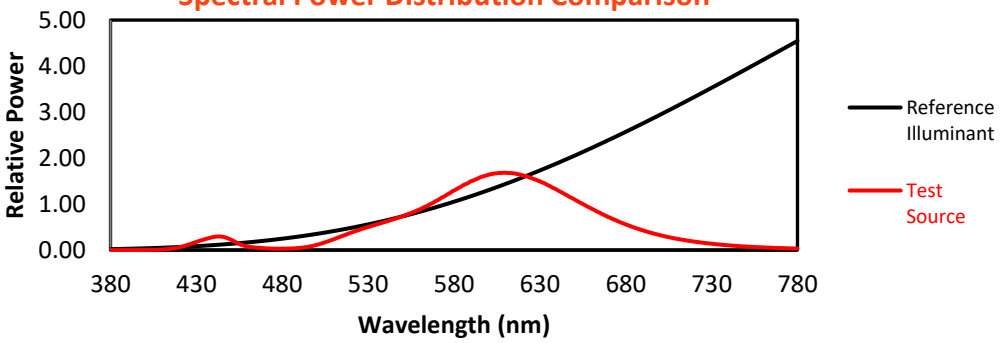
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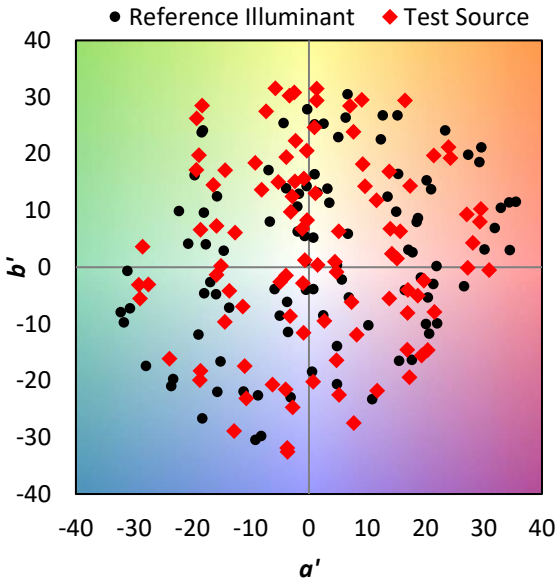
Summary

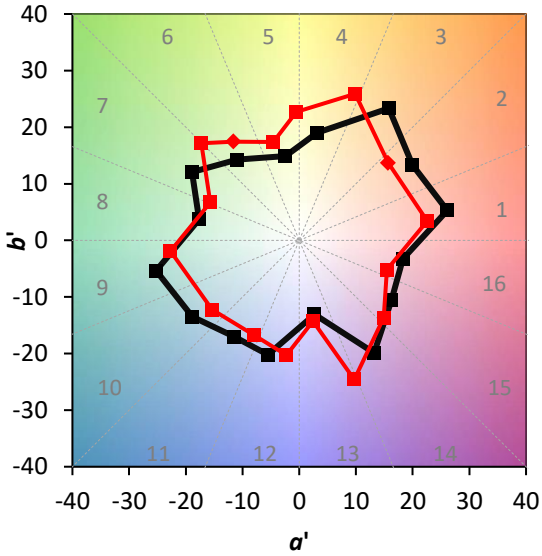
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R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

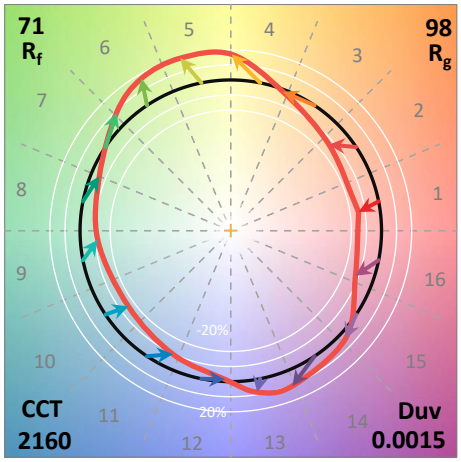
Spectral Power Distribution Comparison

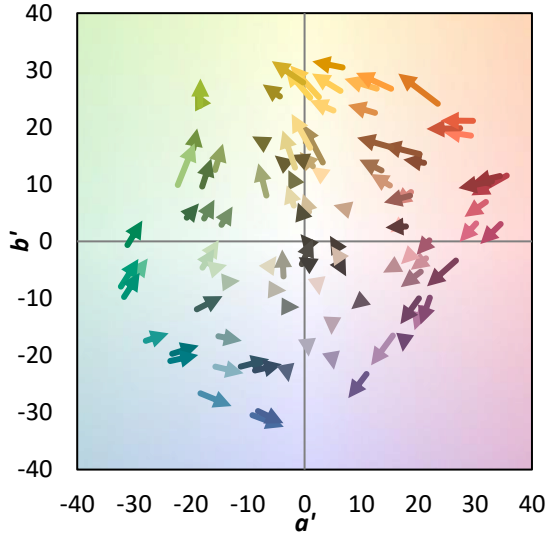


Color Vector Graphics







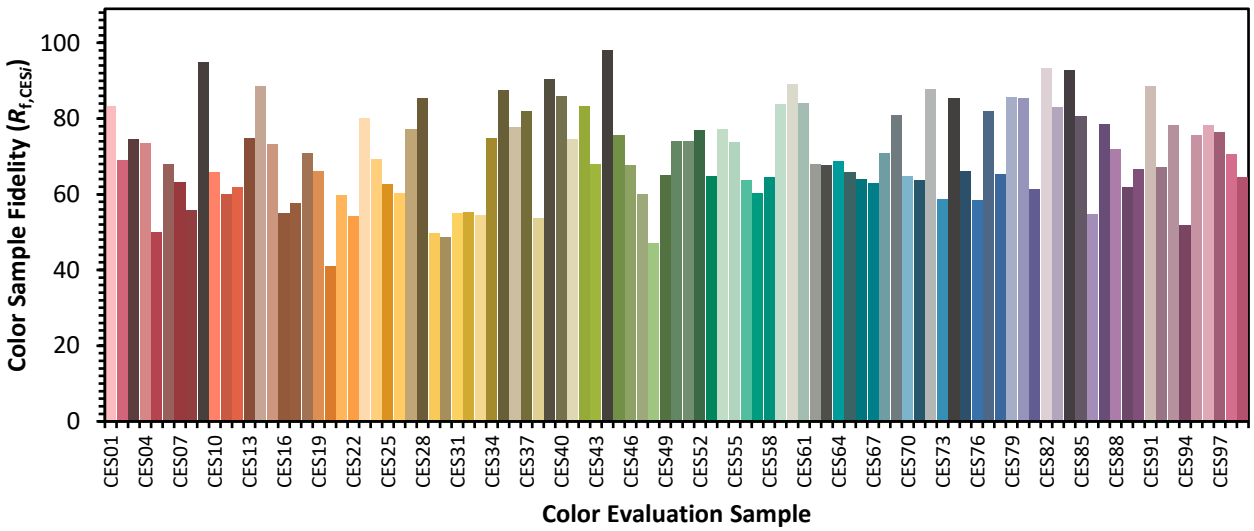


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Individual Sample Fidelity Index ($R_{f,i}$)

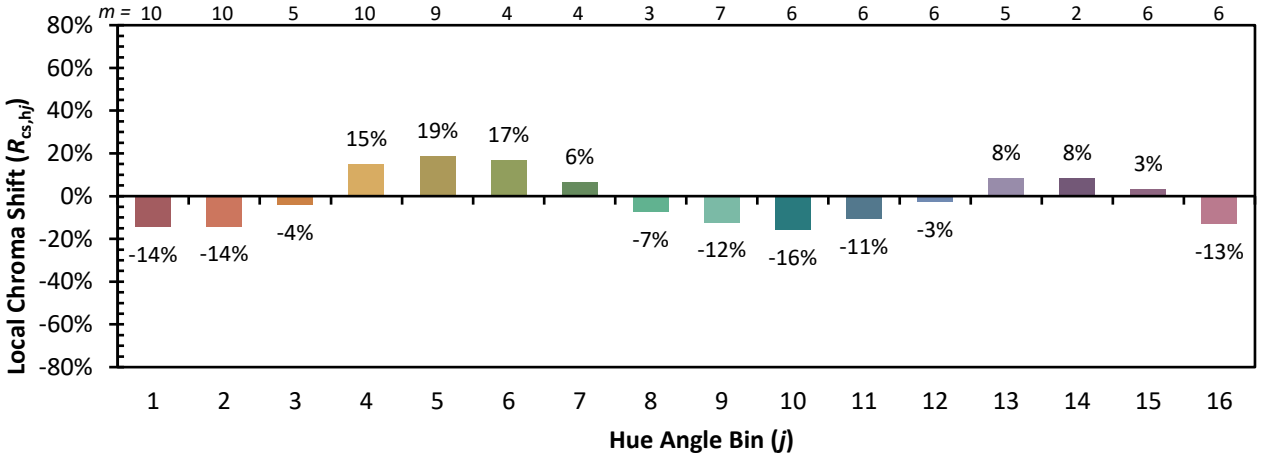
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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	

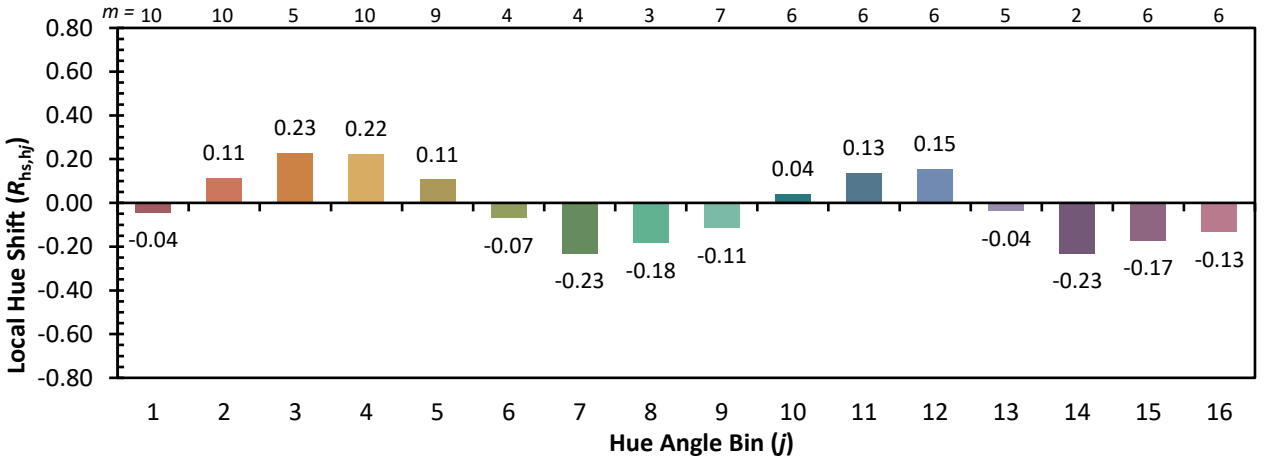


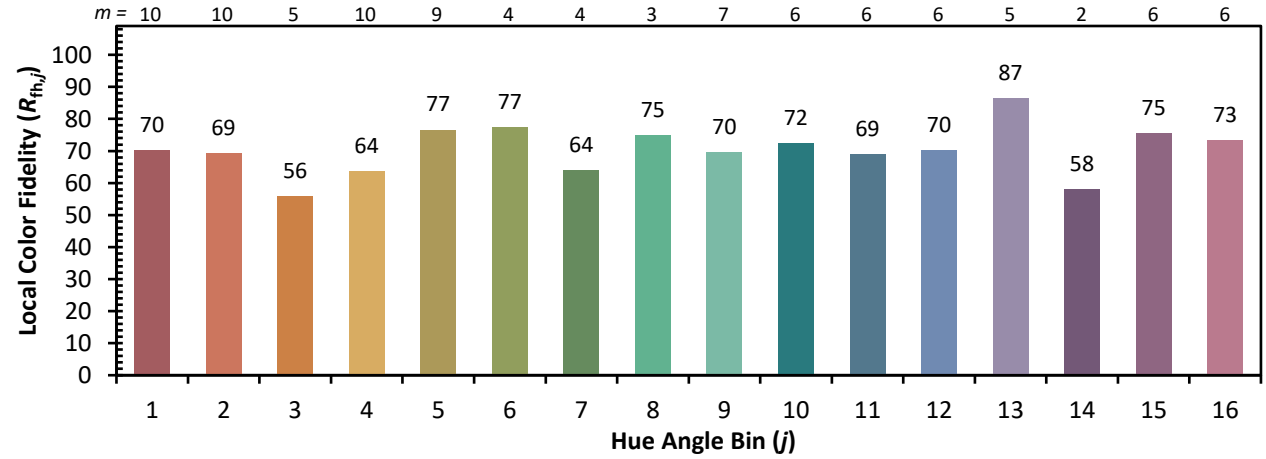
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Color Rendition by Hue-Angle Bin



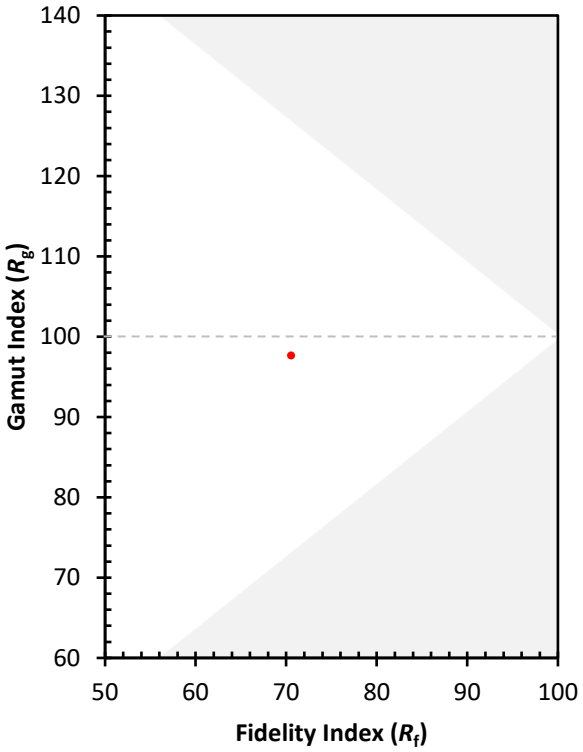


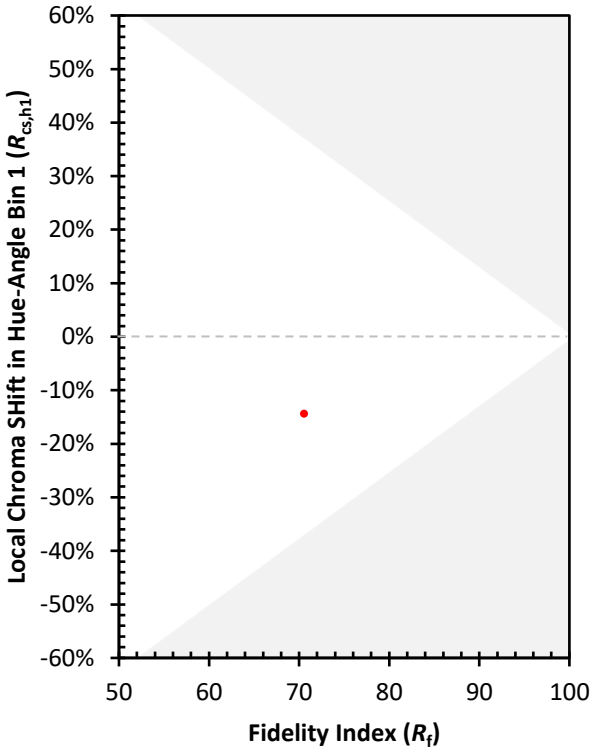


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Measure Comparisons





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