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: P1502153

Luminaire Tested: GSS-SB4A-727-U-T3LG-HSS

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:	P1502153
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-727-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13524.8 lumens
Efficiency:	N/A
Efficacy:	118.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

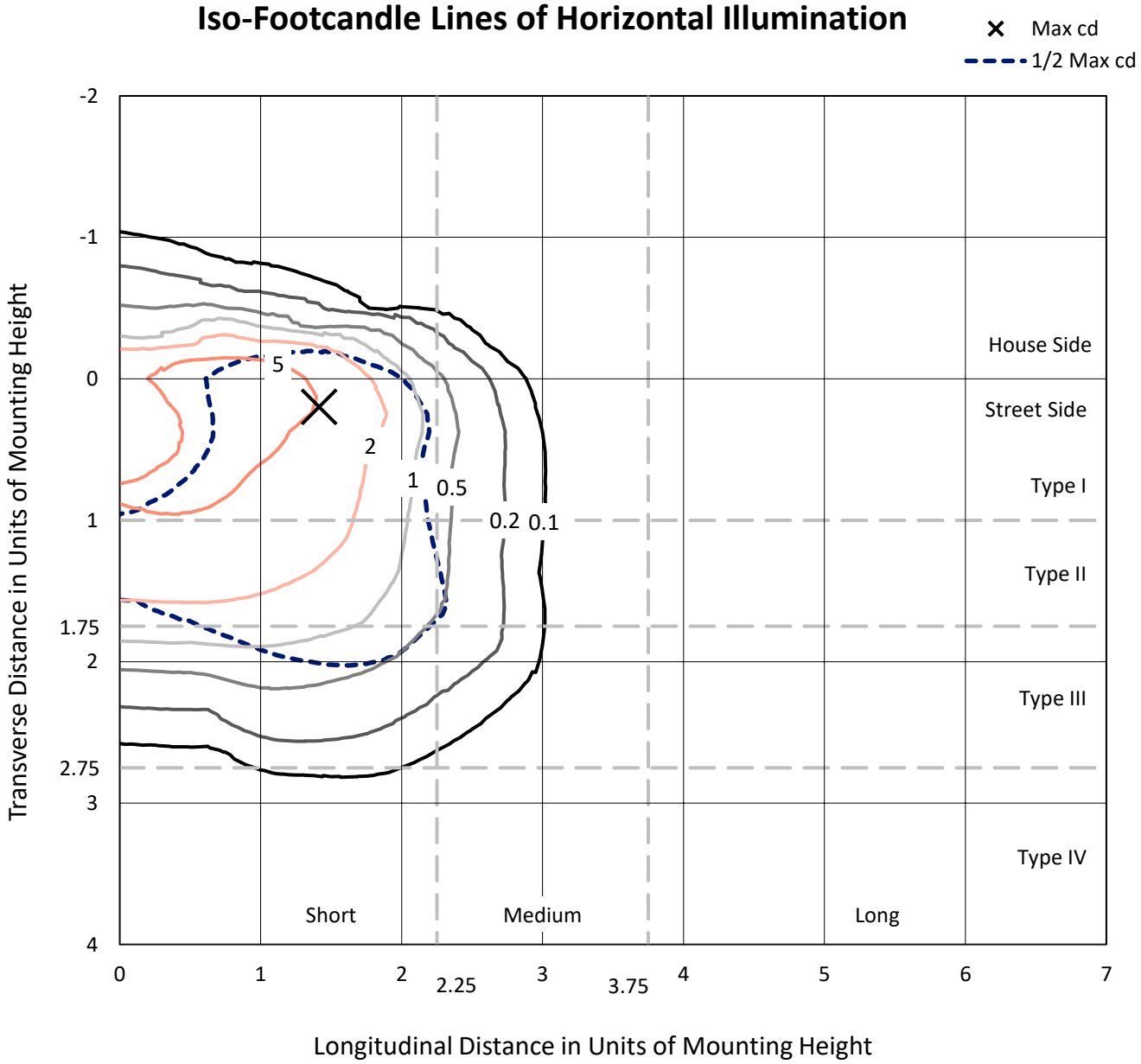
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502153
CATALOG NUMBER: GSS-SB4A-727-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



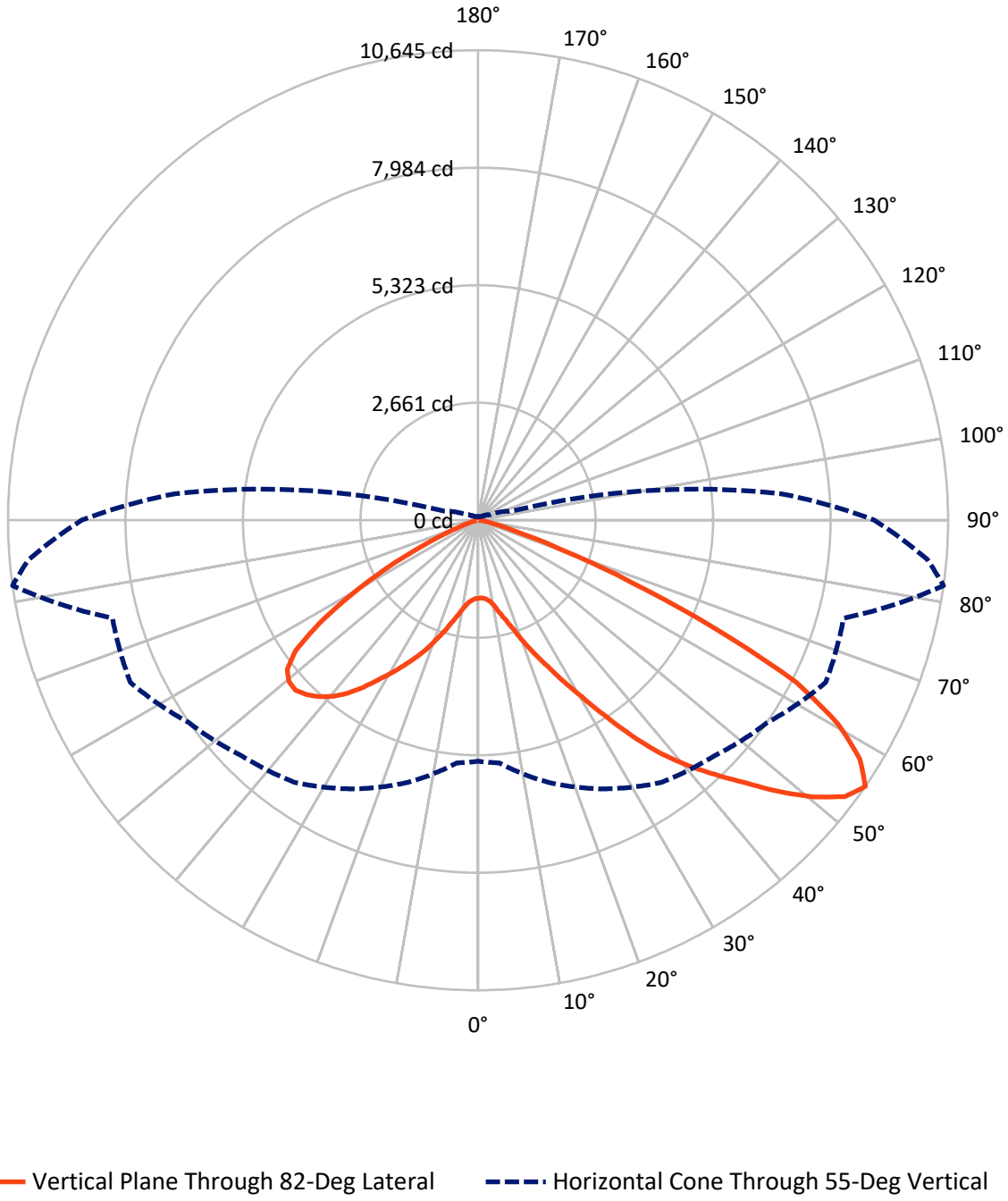
Based on 20 foot mounting height. Maximum calculated value = 8.3 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

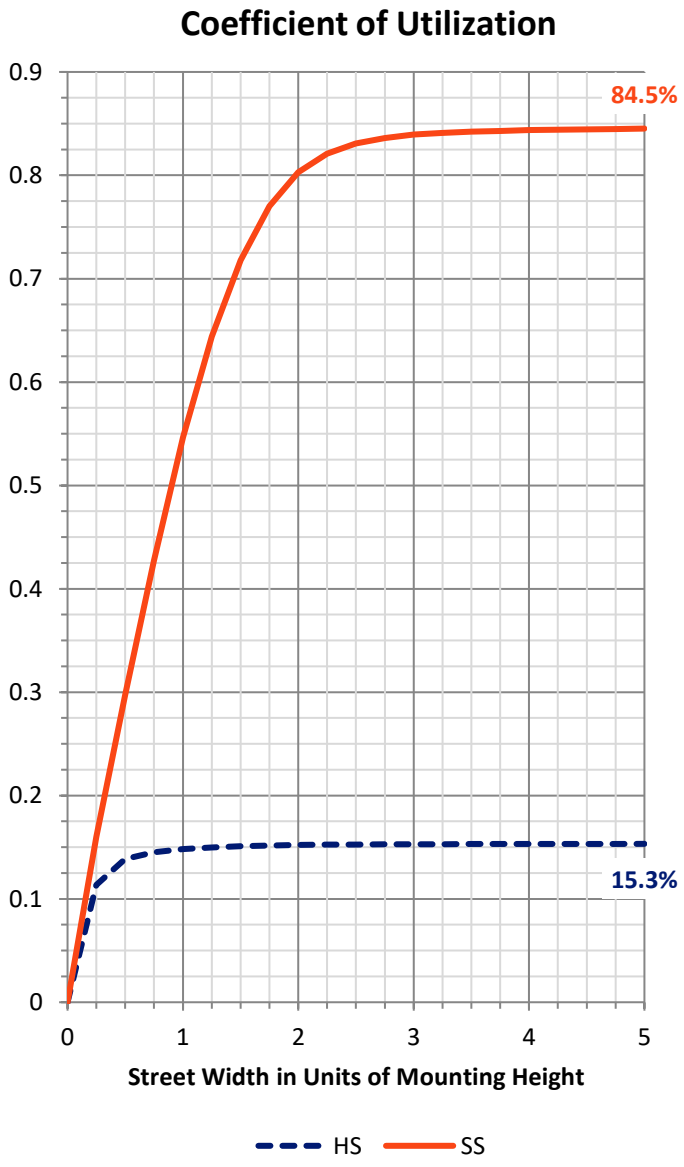
REPORT NUMBER: P1502153
CATALOG NUMBER: GSS-SB4A-727-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2090.5	0.0	2090.5
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	11434.3	0.0	11434.3
	% Fixture	84.5	0.0	84.5
Total	Lumens	13524.8	0.0	13524.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.1	1.2
10°-20°	433.3	3.2
20°-30°	866.2	6.4
30°-40°	1793.6	13.3
40°-50°	2996.3	22.2
50°-60°	3800.2	28.1
60°-70°	2840.9	21.0
70°-80°	601.8	4.4
80°-90°	32.4	0.2
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°	13524.8	100.0
0°-180°	13524.8	100.0



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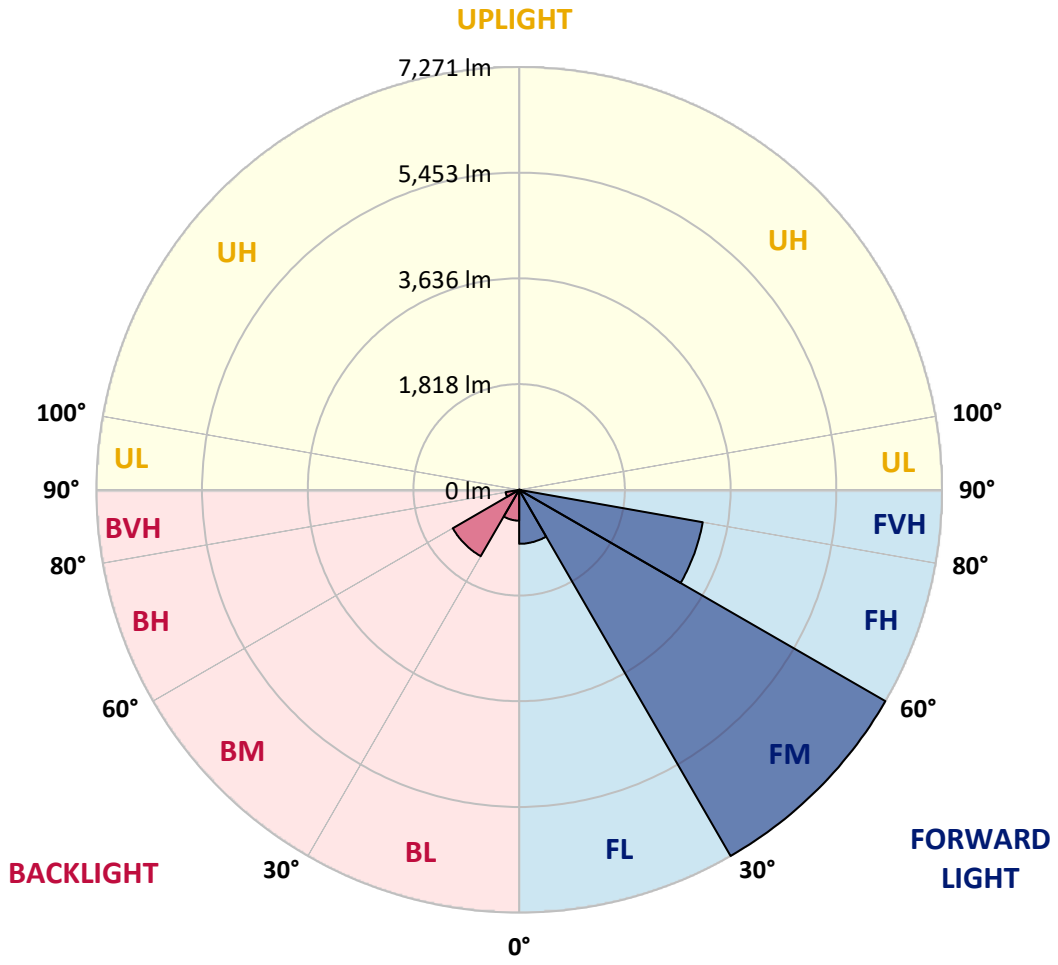
Scaled Data Report

REPORT NUMBER: P1502153
CATALOG NUMBER: GSS-SB4A-727-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	928.8	6.9			
FM	(30°-60°)	7271.1	53.8			
FH	(60°-80°)	3205.3	23.7			G2/5000
FVH	(80°-90°)	29.0	0.2			G1/100
BL	(0°-30°)	530.7	3.9	B2/1000		
BM	(30°-60°)	1319.0	9.8	B2/2500		
BH	(60°-80°)	237.4	1.8	B1/500		G1/500
BVH	(80°-90°)	3.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7	*1765.7*	1765.7
2.5°	1717.9	1721.6	1714.3	1717.9	1725.3	1721.6	1736.3	1747.3	1758.3	*1762.0*	1765.7
5°	1567.4	1571.1	1574.8	1604.1	1622.5	1666.5	1706.9	1732.6	1769.3	*1787.7*	1791.4
7.5°	1387.6	1387.6	1402.2	1439.0	1486.7	1571.1	1662.9	1736.3	1806.0	*1842.7*	1850.1
10°	1354.5	1358.2	1358.2	1383.9	1424.3	1508.7	1626.2	1773.0	1897.8	*1952.9*	1971.2
12.5°	1361.9	1365.5	1369.2	1394.9	1435.3	1508.7	1659.2	1850.1	2044.6	*2136.4*	2147.4
15°	1380.2	1387.6	1398.6	1431.6	1475.7	1571.1	1728.9	1960.2	2220.8	*2338.3*	2367.7
17.5°	1435.3	1439.0	1457.3	1494.0	1563.8	1659.2	1831.7	2103.4	2466.8	*2595.3*	2650.3
20°	1519.7	1527.1	1552.7	1604.1	1684.9	1806.0	1996.9	2290.6	2731.1	*2929.3*	2973.3
22.5°	1626.2	1626.2	1662.9	1743.6	1857.4	1993.2	2224.5	2540.2	3054.1	*3285.4*	3358.8
25°	1802.4	1798.7	1828.1	1919.8	2055.6	2253.9	2488.8	2837.5	3391.8	*3667.1*	3744.2
27.5°	2206.2	2195.1	2184.1	2187.8	2305.3	2558.5	2830.2	3212.0	3810.3	*4133.3*	4192.1
30°	2676.0	2690.7	2676.0	2639.3	2657.7	2892.6	3230.3	3670.8	4280.2	*4643.6*	4720.7
32.5°	3087.1	3094.5	3156.9	3197.3	3212.0	3322.1	3692.8	4225.1	4878.5	*5274.9*	5374.1
35°	3535.0	3546.0	3615.7	3700.2	3832.3	3931.4	4272.8	4867.5	5487.8	*5987.1*	6060.5
37.5°	4056.2	4074.6	4166.4	4287.5	4471.0	4698.6	4882.2	5451.1	6108.2	*6684.5*	6761.6
40°	4515.1	4573.8	4731.7	4885.8	5080.4	5337.3	5458.5	5961.4	6567.1	*7301.2*	7429.7
42.5°	4948.2	4981.3	5234.6	5473.2	5704.4	5913.7	6031.1	6361.5	6974.5	*7873.9*	8017.0
45°	5308.0	5333.7	5616.3	5932.0	6218.3	6427.6	6445.9	6750.6	7378.3	*8479.6*	8589.7
47.5°	5528.2	5568.6	5932.0	6291.8	6607.4	6802.0	6772.6	7246.2	7818.8	*9184.3*	9199.0
50°	5660.4	5686.1	6056.8	6523.0	6912.1	7047.9	7110.3	7719.7	8218.9	*9852.4*	9764.3
52.5°	5755.8	5796.2	6159.6	6655.2	7092.0	7275.5	7499.4	8252.0	8534.6	*10399.4*	10164.5
55°	*5458.5*	*5517.2*	*6144.9*	*6713.9*	*7246.2*	*7554.5*	*7995.0*	*8688.8*	*8571.3*	*10645.3*	*10215.8*
57.5°	5124.4	5135.5	5755.8	6695.5	7418.7	7848.2	8450.2	8721.8	8229.9	*10197.5*	9694.6
60°	4632.6	4698.6	5333.7	6456.9	7448.1	8083.1	8758.5	8321.7	7605.9	*9367.9*	8611.7
62.5°	3252.3	3355.1	4184.7	5829.2	7238.8	8211.6	8707.1	7624.3	6824.0	*8086.8*	7238.8
65°	1820.7	1908.8	2587.9	4702.3	6662.5	8182.2	8178.5	6691.9	5568.6	*5843.9*	5175.8
67.5°	998.5	1068.2	1343.5	3538.7	5286.0	7554.5	7066.3	5106.1	3733.2	*3711.2*	3230.3
70°	697.5	701.1	848.0	2389.7	3799.3	5271.3	5524.6	3424.9	2316.3	*2048.3*	1728.9
72.5°	341.4	345.1	422.1	1126.9	2323.6	2922.0	3788.3	1780.3	1299.5	*1016.8*	866.3
75°	172.5	168.9	231.3	422.1	961.8	1424.3	1670.2	892.0	756.2	*558.0*	495.6
77.5°	110.1	113.8	135.8	231.3	433.2	554.3	513.9	484.5	444.2	*326.7*	282.7
80°	73.4	73.4	91.8	146.8	212.9	264.3	157.8	223.9	260.6	*190.9*	165.2
82.5°	22.0	22.0	55.1	80.8	102.8	106.5	69.7	102.8	146.8	*106.5*	80.8
85°	14.7	14.7	29.4	40.4	44.0	36.7	22.0	44.0	69.7	*47.7*	40.4
87.5°	0.0	0.0	0.0	3.7	3.7	3.7	3.7	3.7	3.7	*3.7*	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

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Scaled Data Report

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CATALOG NUMBER: GSS-SB4A-727-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7	1765.7
2.5°	1769.3	1773.0	1784.0	1787.7	1795.0	1798.7	1798.7	1798.7	1795.0	1798.7	1806.0
5°	1798.7	1817.0	1831.7	1828.1	1828.1	1809.7	1795.0	1765.7	1751.0	1747.3	1751.0
7.5°	1872.1	1886.8	1901.5	1879.5	1824.4	1740.0	1648.2	1574.8	1512.4	1483.0	1494.0
10°	2004.3	2022.6	2022.6	1919.8	1765.7	1567.4	1402.2	1266.4	1163.6	1108.6	1134.3
12.5°	2195.1	2209.8	2173.1	1956.5	1662.9	1336.2	1060.9	833.3	701.1	635.0	620.4
15°	2415.4	2437.4	2312.6	1949.2	1501.4	998.5	660.7	495.6	447.8	433.2	436.8
17.5°	2698.0	2709.1	2466.8	1890.5	1222.4	653.4	469.9	422.1	411.1	403.8	403.8
20°	3046.8	3013.7	2591.6	1791.4	892.0	513.9	433.2	396.4	385.4	381.8	385.4
22.5°	3421.2	3369.8	2694.4	1604.1	675.4	484.5	414.8	374.4	359.7	356.1	356.1
25°	3814.0	3696.5	2775.1	1328.8	631.4	477.2	392.8	341.4	326.7	319.4	319.4
27.5°	4261.8	4059.9	2819.2	1112.3	642.4	466.2	367.1	312.0	290.0	282.7	282.7
30°	4757.4	4463.7	2822.8	1068.2	664.4	451.5	341.4	279.0	257.0	245.9	249.6
32.5°	5359.4	4874.8	2811.8	1137.9	679.1	440.5	312.0	245.9	227.6	216.6	216.6
35°	5983.4	5374.1	2767.8	1270.1	686.4	407.5	275.3	216.6	194.6	190.9	194.6
37.5°	6603.8	5847.6	2705.4	1343.5	649.7	334.0	223.9	187.2	172.5	172.5	172.5
40°	7169.1	6258.7	2621.0	1281.1	517.6	242.3	183.5	161.5	154.2	150.5	154.2
42.5°	7591.2	6625.8	2466.8	1079.2	367.1	194.6	161.5	143.2	135.8	135.8	139.5
45°	8053.7	6978.2	2169.4	792.9	279.0	168.9	139.5	124.8	121.1	121.1	124.8
47.5°	8519.9	7260.8	1883.1	528.6	242.3	150.5	124.8	113.8	110.1	106.5	110.1
50°	8876.0	7396.7	1508.7	385.4	220.2	135.8	113.8	106.5	99.1	95.4	95.4
52.5°	9129.3	7360.0	1104.9	330.4	201.9	124.8	106.5	99.1	88.1	88.1	88.1
55°	*8975.1*	*6890.1*	*796.6*	*297.3*	*187.2*	*117.5*	*102.8*	*91.8*	*84.4*	*80.8*	*80.8*
57.5°	8226.3	5873.3	576.3	268.0	165.2	110.1	99.1	88.1	77.1	73.4	73.4
60°	7150.7	4573.8	429.5	234.9	143.2	106.5	88.1	84.4	73.4	66.1	66.1
62.5°	5843.9	3329.4	334.0	201.9	128.5	91.8	84.4	77.1	66.1	58.7	55.1
65°	4056.2	2125.4	257.0	165.2	121.1	80.8	77.1	66.1	55.1	44.0	44.0
67.5°	2503.5	1262.8	198.2	128.5	95.4	69.7	66.1	58.7	47.7	36.7	36.7
70°	1383.9	668.1	135.8	95.4	73.4	55.1	51.4	51.4	40.4	33.0	29.4
72.5°	664.4	363.4	91.8	80.8	55.1	36.7	40.4	40.4	33.0	25.7	25.7
75°	400.1	216.6	62.4	62.4	36.7	29.4	29.4	33.0	25.7	18.4	18.4
77.5°	227.6	128.5	36.7	47.7	25.7	18.4	22.0	18.4	14.7	11.0	11.0
80°	128.5	73.4	22.0	33.0	14.7	11.0	11.0	7.3	7.3	3.7	3.7
82.5°	62.4	40.4	11.0	11.0	7.3	3.7	3.7	3.7	3.7	0.0	0.0
85°	29.4	7.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

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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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

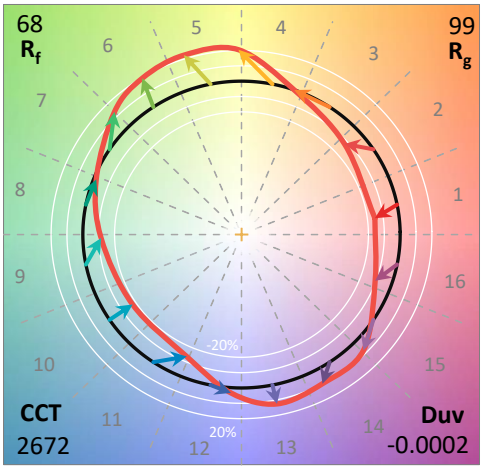
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

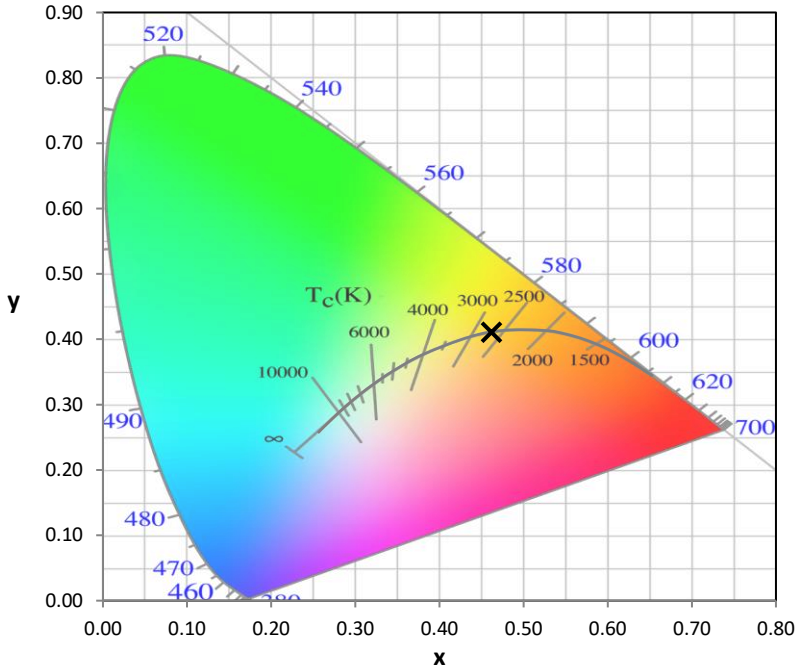
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

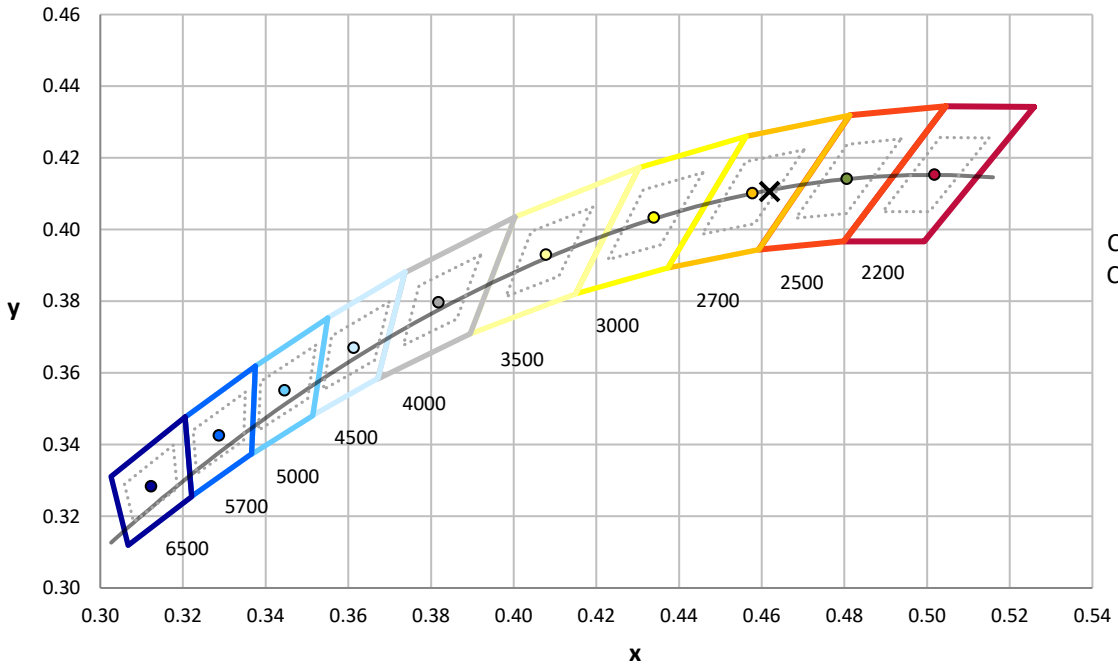
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

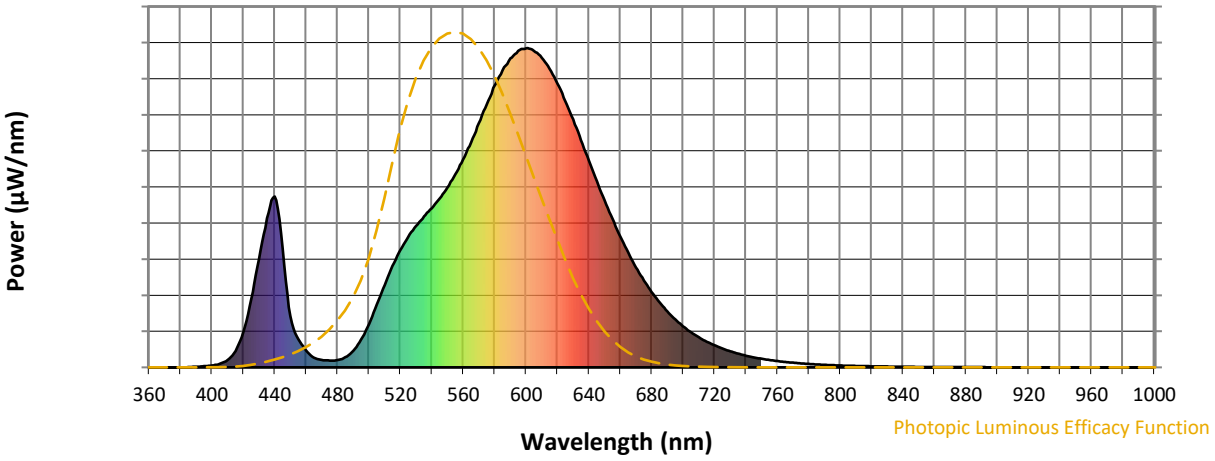


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

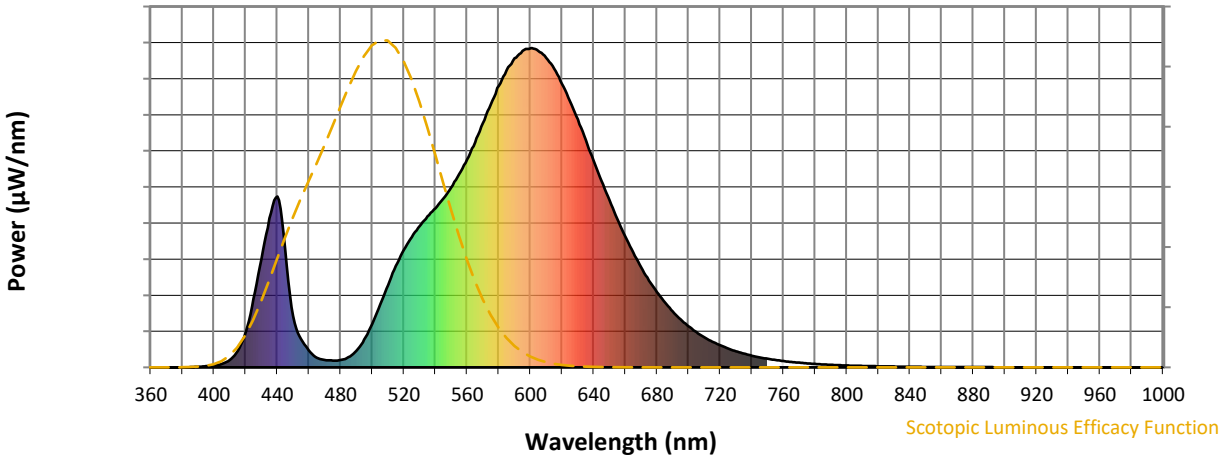


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

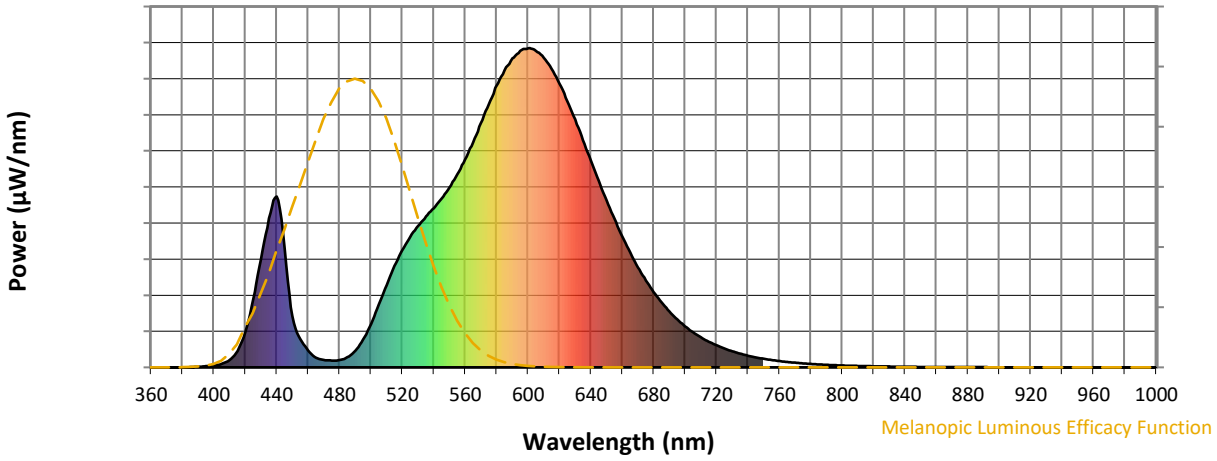


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

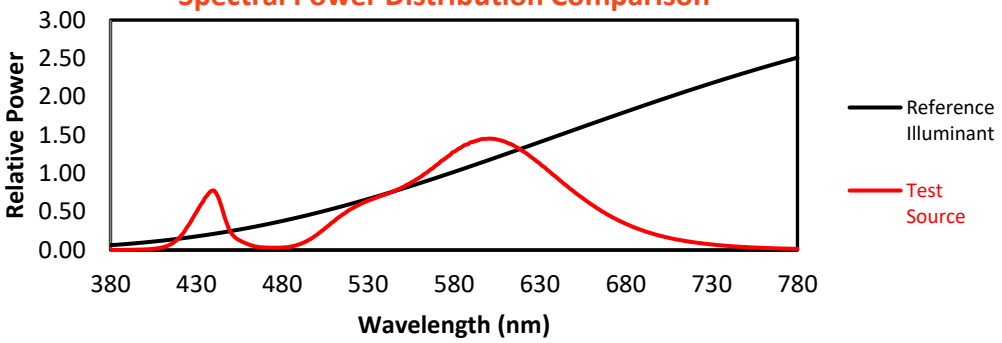
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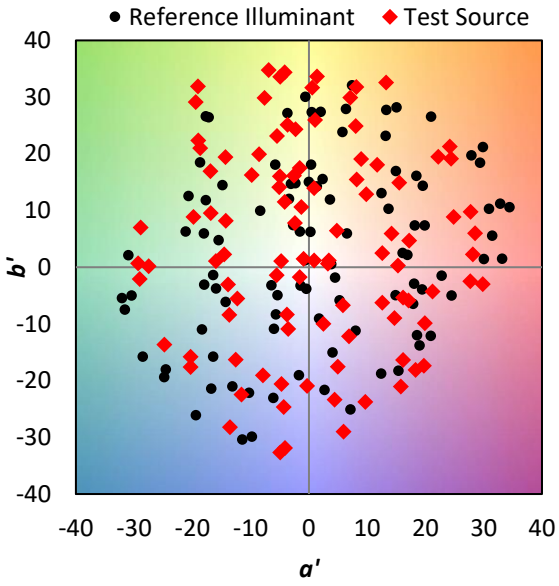
Summary

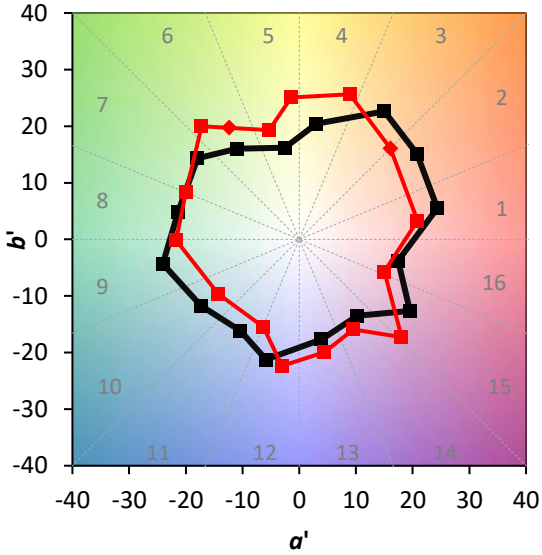
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R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

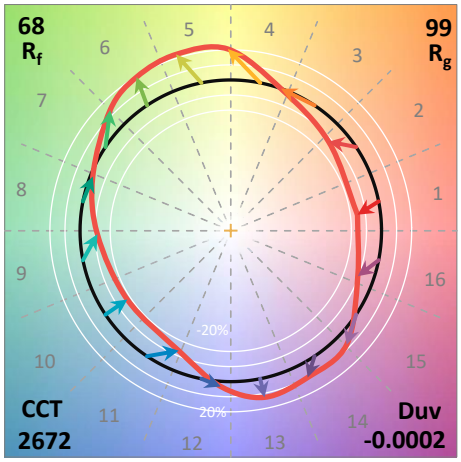
Spectral Power Distribution Comparison

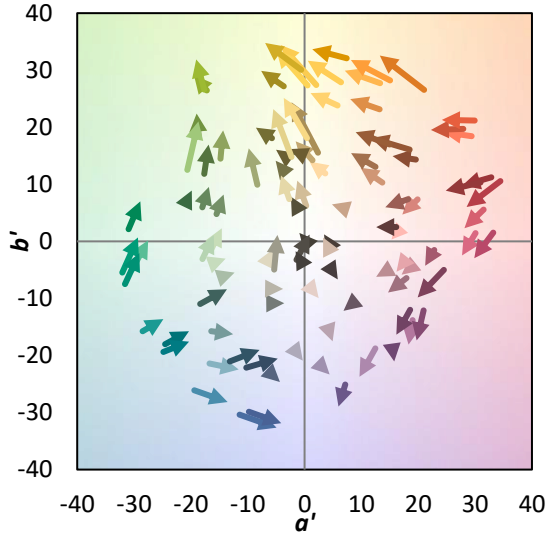


Color Vector Graphics







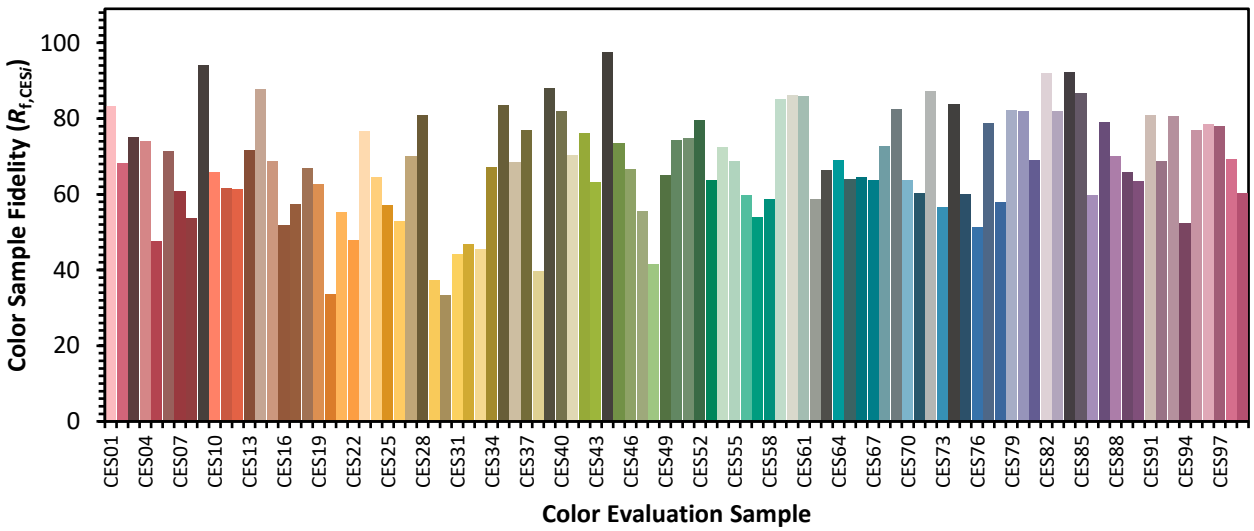


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Individual Sample Fidelity Index ($R_{f,i}$)

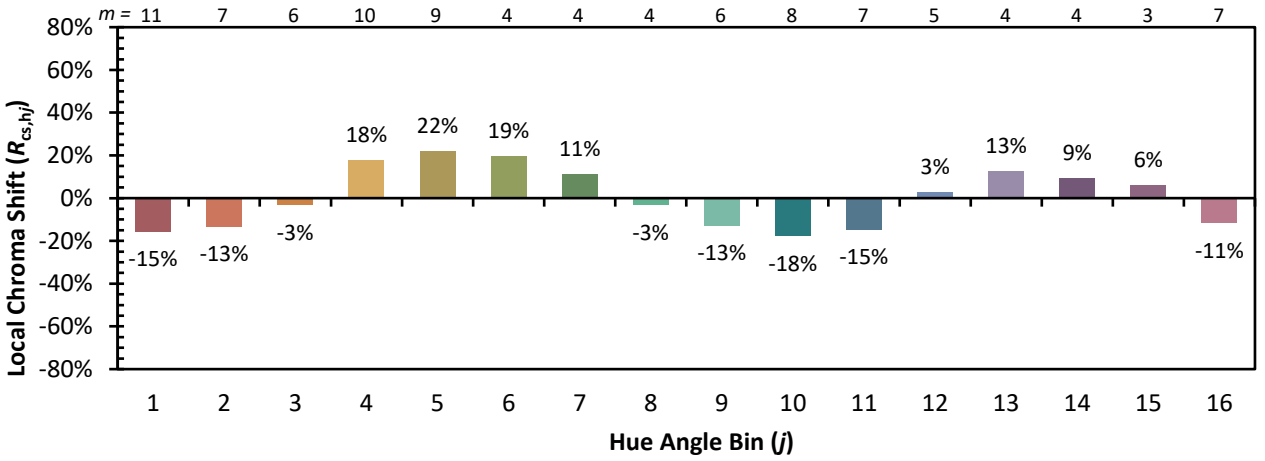
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

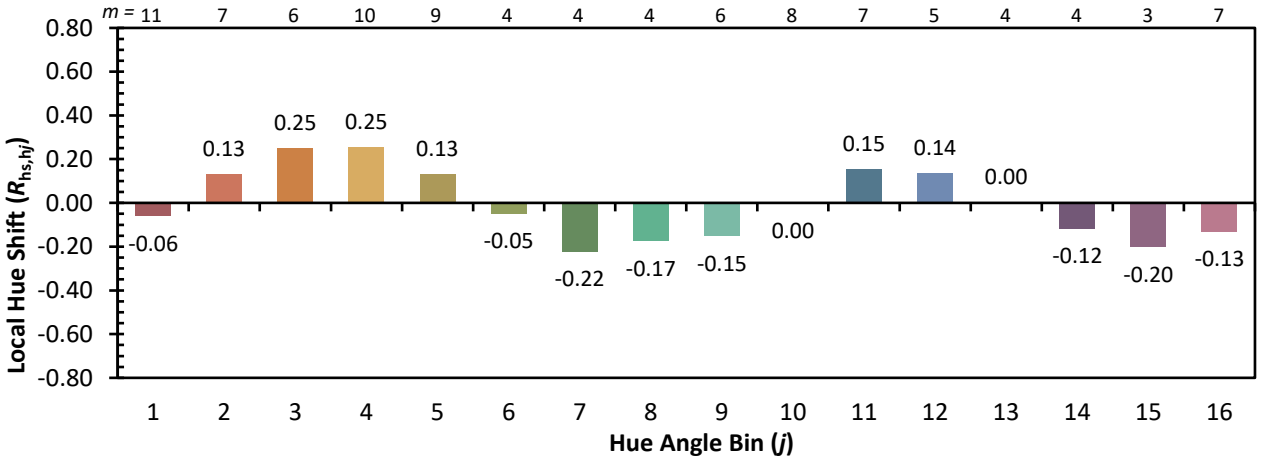


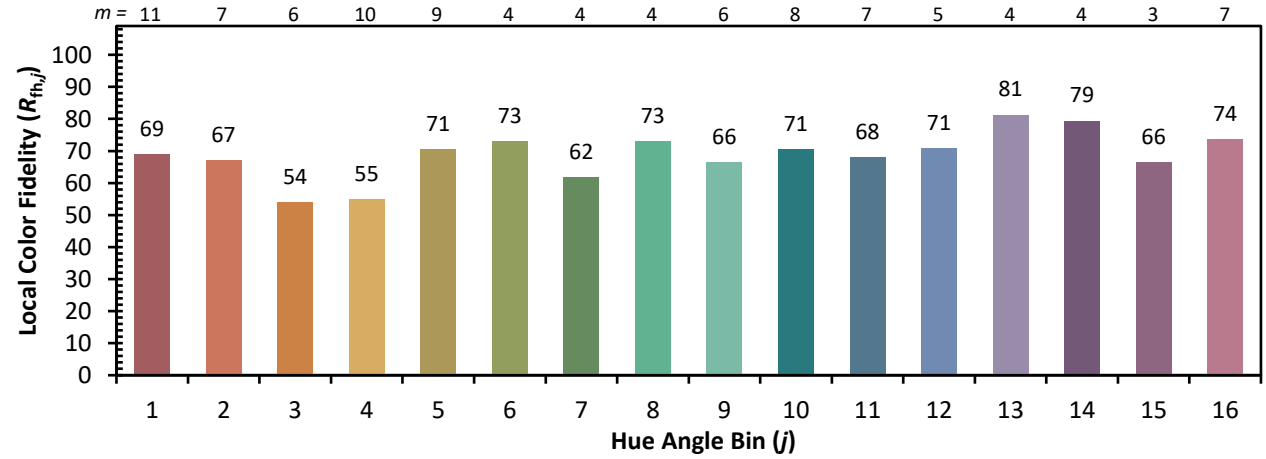
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Color Rendition by Hue-Angle Bin



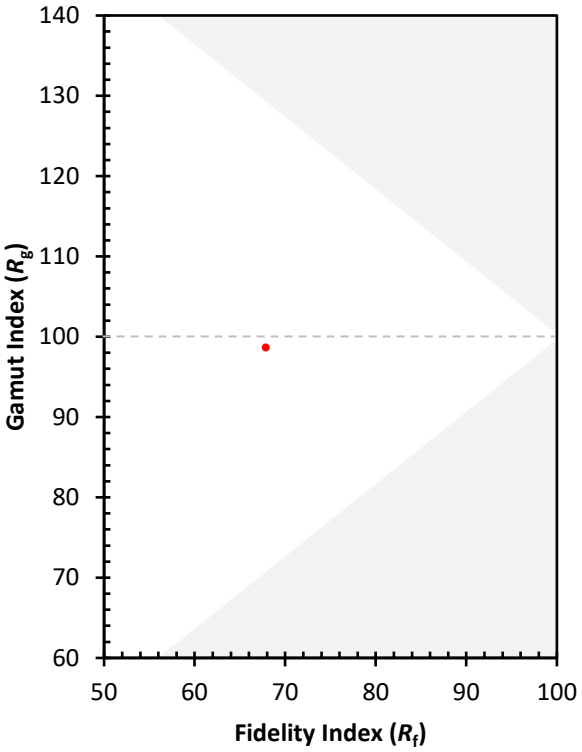


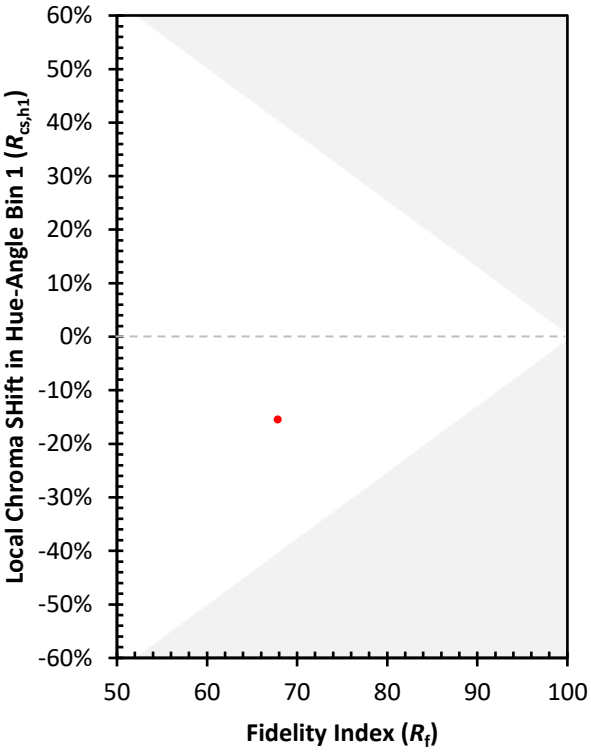


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Measure Comparisons





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