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: P1500974

Luminaire Tested: GSS-SB3B-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:	P1500974
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-722-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 70CRI 2200K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13317.7 lumens
Efficiency:	N/A
Efficacy:	122.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

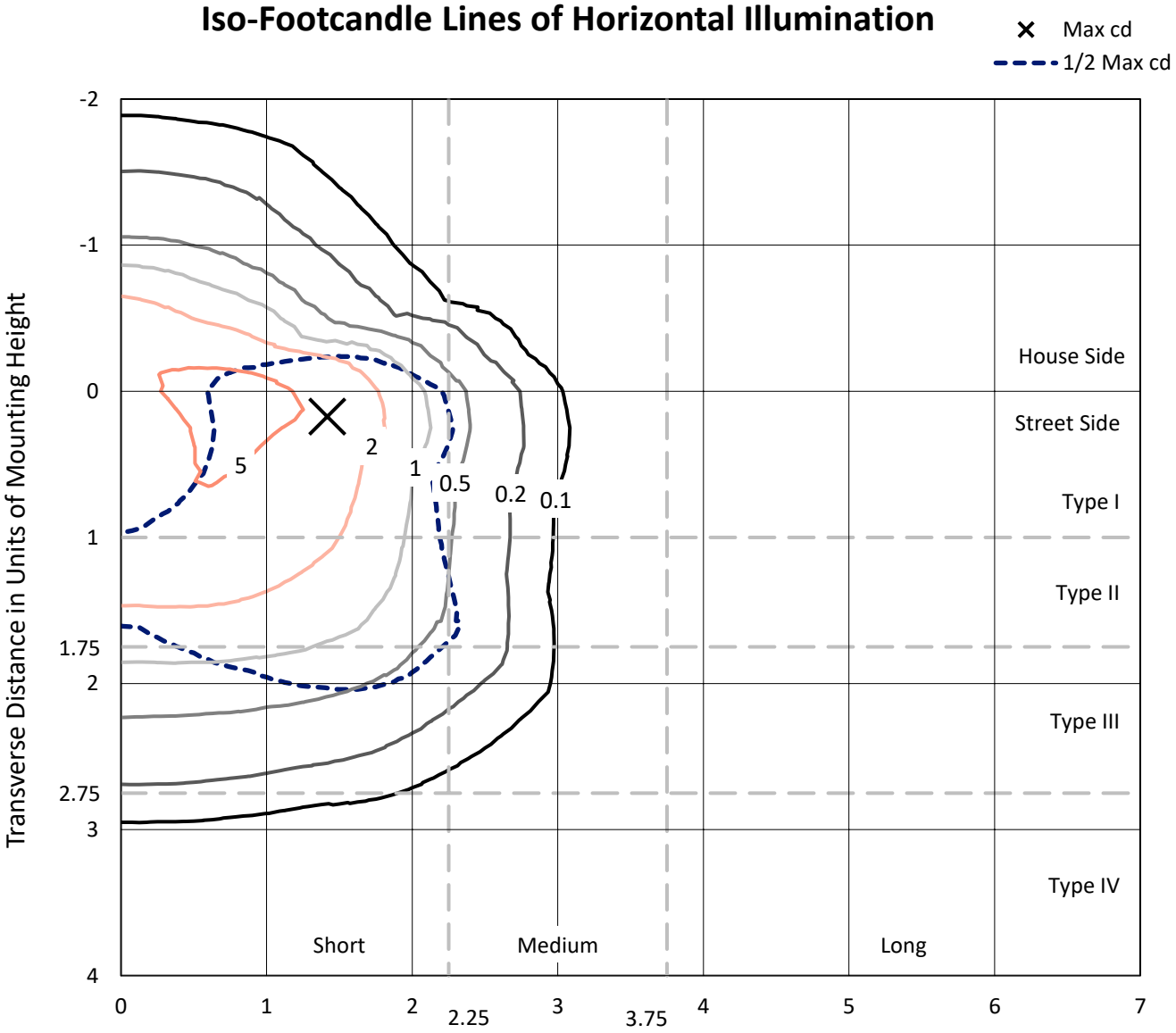
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500974
CATALOG NUMBER: GSS-SB3B-722-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



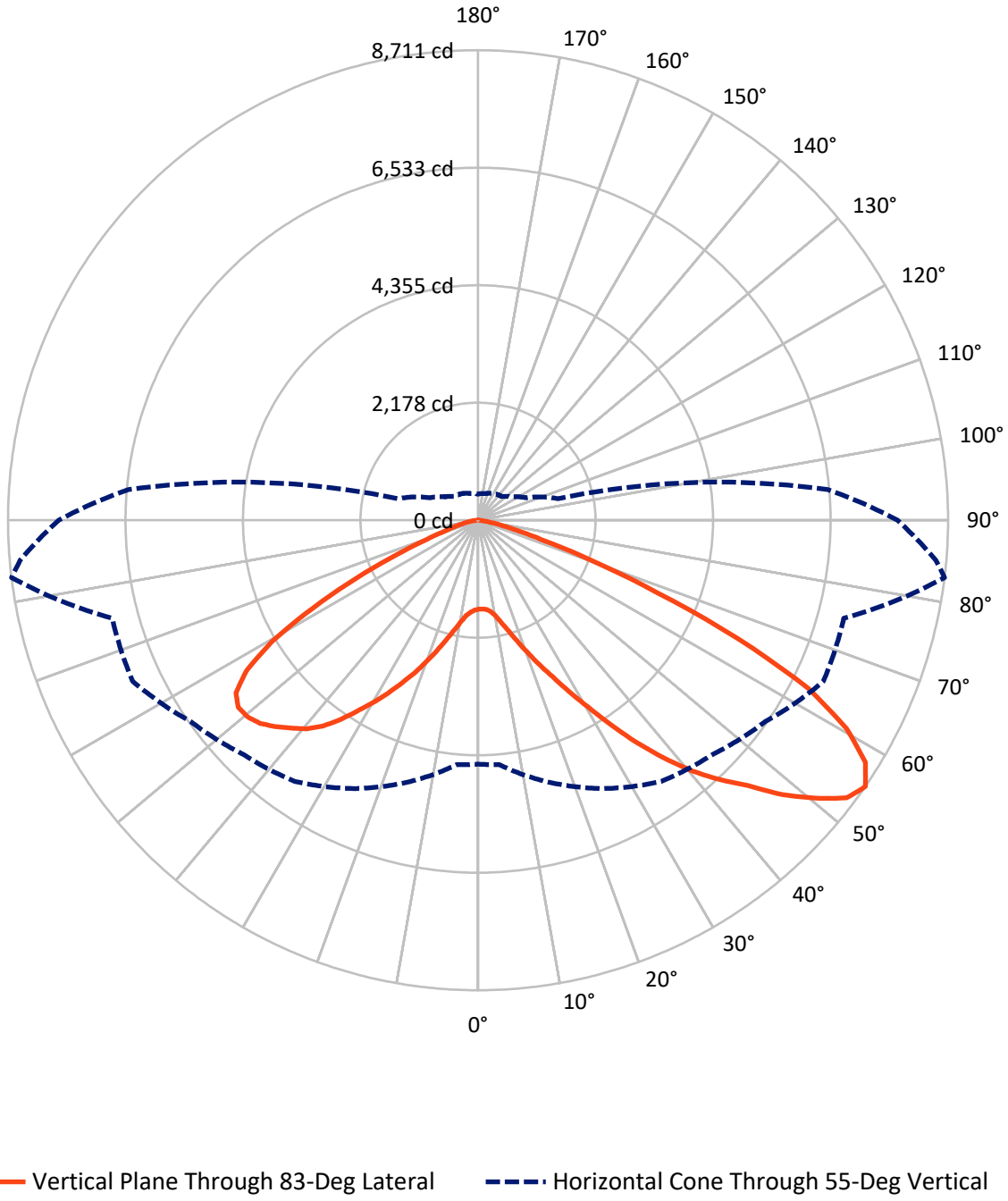
Based on 20 foot mounting height. Maximum calculated value = 7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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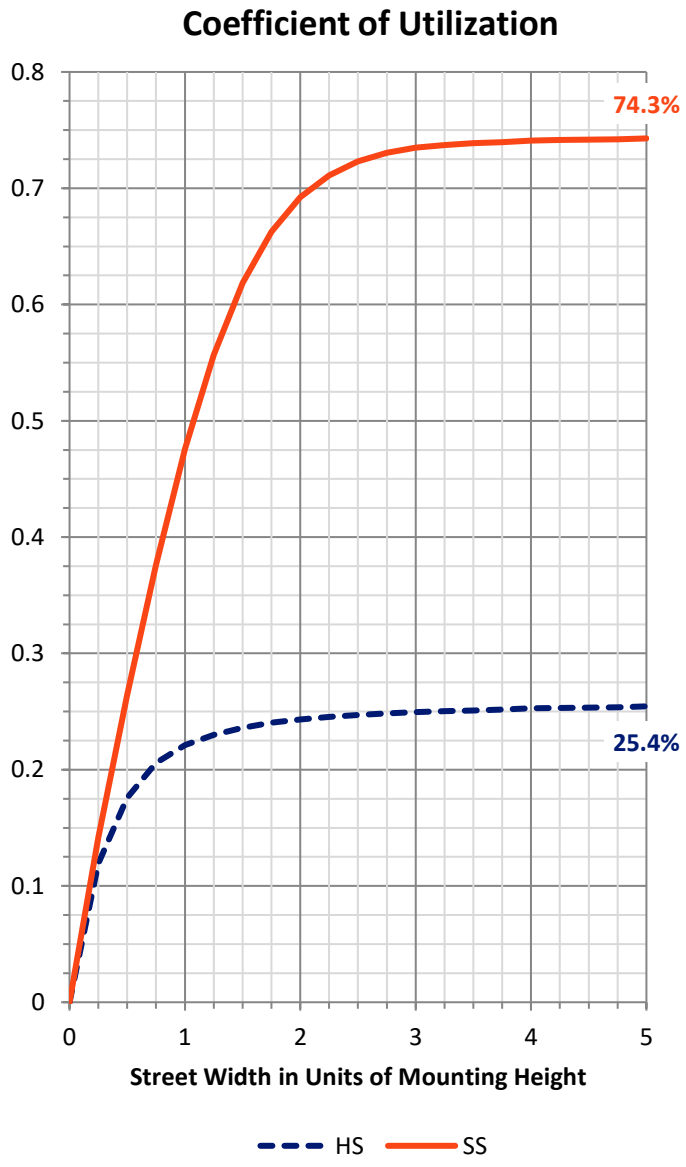
REPORT NUMBER: P1500974
CATALOG NUMBER: GSS-SB3B-722-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3417.6	0.0	3417.6
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	9900.1	0.0	9900.1
	% Fixture	74.3	0.0	74.3
Total	Lumens	13317.7	0.0	13317.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.3	1.2
10°-20°	518.9	3.9
20°-30°	1038.9	7.8
30°-40°	1848.3	13.9
40°-50°	2785.3	20.9
50°-60°	3394.1	25.5
60°-70°	2744.6	20.6
70°-80°	751.7	5.6
80°-90°	76.6	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°	13317.7	100.0
0°-180°	13317.7	100.0



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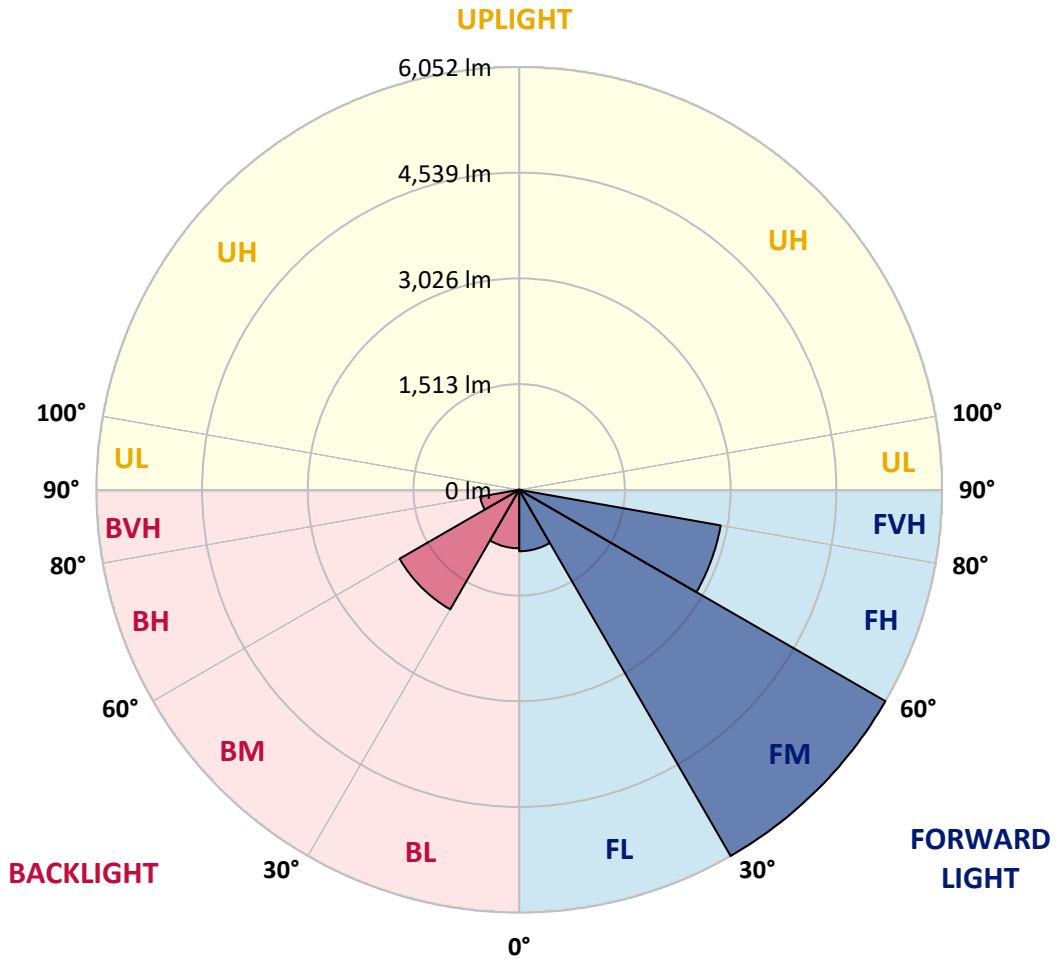
Scaled Data Report

REPORT NUMBER: P1500974
CATALOG NUMBER: GSS-SB3B-722-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	879.3	6.6			
FM	(30°-60°)	6052.0	45.4			
FH	(60°-80°)	2928.9	22.0			G2/5000
FVH	(80°-90°)	39.9	0.3			G1/100
BL	(0°-30°)	837.7	6.3	B2/1000		
BM	(30°-60°)	1975.8	14.8	B2/2500		
BH	(60°-80°)	567.4	4.3	B2/1000		G2/1000
BVH	(80°-90°)	36.7	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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REPORT NUMBER: P1500974
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6	*1648.6*	1648.6
2.5°	1601.2	1598.3	1595.3	1592.4	1598.3	1607.2	1616.0	1622.0	1636.8	*1648.6*	1642.7
5°	1474.0	1468.0	1474.0	1497.6	1518.4	1553.9	1589.4	1613.1	1645.6	*1660.4*	1666.3
7.5°	1361.5	1355.6	1361.5	1391.1	1426.6	1482.8	1556.8	1616.0	1675.2	*1710.7*	1716.7
10°	1361.5	1364.5	1364.5	1376.3	1394.0	1450.3	1539.1	1651.5	1755.1	*1805.5*	1817.3
12.5°	1405.9	1405.9	1405.9	1420.7	1432.5	1476.9	1577.6	1716.7	1882.4	*1956.4*	1965.3
15°	1465.1	1462.1	1471.0	1479.9	1500.6	1545.0	1645.6	1811.4	2021.5	*2134.0*	2145.8
17.5°	1548.0	1542.0	1550.9	1571.6	1601.2	1651.5	1752.2	1941.6	2213.9	*2356.0*	2373.7
20°	1639.7	1636.8	1654.5	1687.1	1728.5	1790.7	1906.1	2098.5	2432.9	*2613.5*	2646.0
22.5°	1749.2	1743.3	1775.9	1835.1	1891.3	1962.3	2101.4	2302.7	2684.5	*2900.6*	2933.1
25°	1873.5	1873.5	1917.9	1989.0	2074.8	2202.1	2341.2	2563.2	2980.5	*3211.3*	3261.7
27.5°	2077.8	2092.6	2110.3	2184.3	2305.7	2477.3	2625.3	2876.9	3303.1	*3593.2*	3610.9
30°	2409.2	2403.3	2432.9	2483.2	2583.9	2764.4	2986.4	3255.7	3711.5	*4016.4*	4060.8
32.5°	2708.2	2717.1	2758.5	2853.2	2974.6	3128.5	3394.9	3726.3	4155.5	*4507.7*	4528.4
35°	3010.1	3016.0	3095.9	3238.0	3418.5	3590.2	3880.3	4205.8	4638.0	*5055.3*	5111.5
37.5°	3433.3	3427.4	3507.3	3628.7	3871.4	4137.8	4371.6	4682.3	5099.7	*5588.0*	5653.2
40°	3750.0	3782.6	3933.5	4087.4	4315.3	4590.6	4788.9	5081.9	5478.5	*6109.0*	6168.2
42.5°	4075.6	4102.2	4303.5	4534.4	4774.1	4960.6	5114.5	5386.8	5780.4	*6570.7*	6603.2
45°	4344.9	4380.5	4611.3	4904.3	5153.0	5342.4	5395.7	5650.2	6088.2	*7014.6*	7065.0
47.5°	4516.6	4555.1	4827.4	5170.7	5425.3	5626.5	5608.8	5966.9	6416.8	*7603.6*	7585.9
50°	4635.0	4658.7	4954.6	5321.7	5653.2	5786.3	5863.3	6325.0	6754.2	*8097.9*	8032.8
52.5°	4720.8	4759.3	5028.6	5431.2	5780.4	5955.0	6162.2	6739.4	6988.0	*8550.8*	8405.7
55°	*4519.6*	*4549.2*	*5022.7*	*5487.4*	*5910.7*	*6141.5*	*6502.6*	*7062.0*	*7017.6*	*8710.6*	*8515.2*
57.5°	4312.4	4336.1	4774.1	5472.6	6052.7	6372.4	6890.3	7103.4	6754.2	*8464.9*	8219.3
60°	4051.9	4069.7	4507.7	5315.7	6055.7	6552.9	7088.6	6801.5	6265.8	*7846.3*	7612.5
62.5°	3572.4	3572.4	4054.9	4892.5	5907.7	6644.7	7035.4	6230.3	5611.7	*6872.6*	6550.0
65°	3098.9	3078.2	3403.7	4137.8	5514.0	6621.0	6635.8	5508.1	4596.5	*5300.9*	5049.4
67.5°	2583.9	2586.8	2779.2	3359.3	4466.3	6126.7	5792.3	4256.1	3202.5	*3569.5*	3439.2
70°	1749.2	1793.6	1989.0	2438.8	3368.2	4342.0	4611.3	2882.8	1997.8	*2216.9*	2110.3
72.5°	665.9	674.8	902.7	1278.6	2128.1	2610.5	3217.3	1613.1	1169.1	*1222.4*	1228.3
75°	281.2	293.0	384.8	538.7	944.2	1423.6	1693.0	816.9	710.3	*731.1*	725.1
77.5°	189.4	195.3	233.8	290.1	426.2	571.2	707.4	461.7	435.1	*408.4*	396.6
80°	142.1	142.1	168.7	195.3	239.7	293.0	307.8	233.8	260.5	*216.1*	210.1
82.5°	91.8	97.7	106.6	115.4	136.1	145.0	124.3	127.3	150.9	*112.5*	106.6
85°	44.4	47.4	50.3	53.3	53.3	50.3	44.4	56.2	77.0	*47.4*	44.4
87.5°	5.9	5.9	5.9	5.9	5.9	5.9	3.0	3.0	3.0	*3.0*	3.0
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

REPORT NUMBER: P1500974
CATALOG NUMBER: GSS-SB3B-722-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6	1648.6
2.5°	1651.5	1663.4	1672.3	1678.2	1693.0	1690.0	1698.9	1704.8	1710.7	1719.6	1707.8
5°	1681.1	1701.9	1725.5	1743.3	1761.1	1769.9	1772.9	1778.8	1781.8	1787.7	1784.7
7.5°	1746.3	1769.9	1805.5	1823.2	1838.0	1838.0	1829.1	1826.2	1817.3	1823.2	1823.2
10°	1855.8	1891.3	1929.8	1932.7	1915.0	1894.3	1861.7	1843.9	1820.3	1814.3	1808.4
12.5°	2015.6	2063.0	2092.6	2071.8	2009.7	1932.7	1846.9	1767.0	1704.8	1678.2	1672.3
15°	2196.1	2255.3	2261.3	2202.1	2089.6	1903.1	1722.6	1633.8	1601.2	1601.2	1598.3
17.5°	2444.8	2486.2	2462.5	2320.5	2068.9	1764.0	1633.8	1619.0	1627.9	1639.7	1639.7
20°	2705.2	2752.6	2654.9	2403.3	1941.6	1681.1	1642.7	1654.5	1675.2	1687.1	1684.1
22.5°	3016.0	3039.7	2850.3	2406.3	1805.5	1660.4	1660.4	1675.2	1690.0	1707.8	1707.8
25°	3335.7	3326.8	3030.8	2296.8	1728.5	1654.5	1648.6	1660.4	1666.3	1675.2	1672.3
27.5°	3693.8	3646.4	3169.9	2122.2	1704.8	1636.8	1607.2	1595.3	1601.2	1610.1	1613.1
30°	4105.2	3992.7	3282.4	2012.6	1695.9	1595.3	1524.3	1491.7	1485.8	1497.6	1497.6
32.5°	4581.7	4339.0	3350.5	1997.8	1687.1	1521.3	1426.6	1364.5	1352.6	1358.5	1373.3
35°	5070.1	4756.3	3332.7	2036.3	1690.0	1462.1	1323.0	1240.1	1228.3	1234.2	1249.0
37.5°	5582.1	5153.0	3264.6	2095.5	1666.3	1382.2	1228.3	1127.7	1109.9	1121.8	1127.7
40°	5978.7	5487.4	3095.9	2119.2	1624.9	1281.6	1118.8	1033.0	985.6	982.6	997.4
42.5°	6345.7	5750.8	2912.4	2080.7	1539.1	1175.0	1006.3	920.5	846.5	790.3	790.3
45°	6712.7	6017.2	2725.9	1971.2	1397.0	1062.6	887.9	772.5	686.7	645.2	648.2
47.5°	7079.8	6274.7	2504.0	1805.5	1254.9	944.2	760.7	668.9	609.7	577.2	577.2
50°	7420.1	6461.2	2219.8	1542.0	1092.2	825.8	671.9	618.6	574.2	544.6	538.7
52.5°	7719.1	6585.5	1835.1	1222.4	914.6	692.6	624.5	583.1	550.5	518.0	509.1
55°	*7772.3*	*6502.6*	*1536.1*	*982.6*	*754.7*	*621.6*	*589.0*	*553.5*	*509.1*	*494.3*	*485.4*
57.5°	7443.8	6064.6	1296.4	828.7	645.2	571.2	559.4	518.0	482.4	467.6	458.8
60°	6884.4	5268.4	1071.4	710.3	574.2	523.9	538.7	497.2	441.0	432.1	423.2
62.5°	5878.1	4111.1	855.4	597.9	520.9	488.4	503.2	444.0	396.6	384.8	381.8
65°	4569.9	2942.0	719.2	526.8	479.5	452.8	446.9	393.6	358.1	349.3	349.3
67.5°	3190.6	1870.6	600.8	482.4	426.2	408.4	405.5	370.0	346.3	337.4	337.4
70°	1953.4	1133.6	506.1	441.0	375.9	343.3	364.1	358.1	322.6	313.7	310.8
72.5°	1015.2	677.8	444.0	405.5	316.7	293.0	325.6	328.5	298.9	310.8	307.8
75°	589.0	470.6	387.7	358.1	251.6	245.7	284.1	313.7	290.1	298.9	293.0
77.5°	337.4	301.9	298.9	293.0	198.3	201.3	254.5	281.2	248.6	257.5	236.8
80°	186.5	195.3	207.2	183.5	139.1	156.9	204.2	224.9	189.4	186.5	171.7
82.5°	97.7	121.4	139.1	118.4	79.9	94.7	139.1	139.1	121.4	115.4	112.5
85°	44.4	50.3	65.1	59.2	29.6	35.5	65.1	71.0	62.2	56.2	53.3
87.5°	3.0	3.0	3.0	3.0	3.0	3.0	5.9	8.9	3.0	3.0	3.0
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: SP1-2407-184-2

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

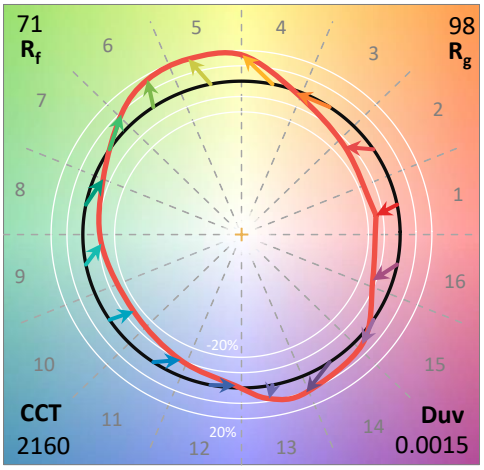
Test Information

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

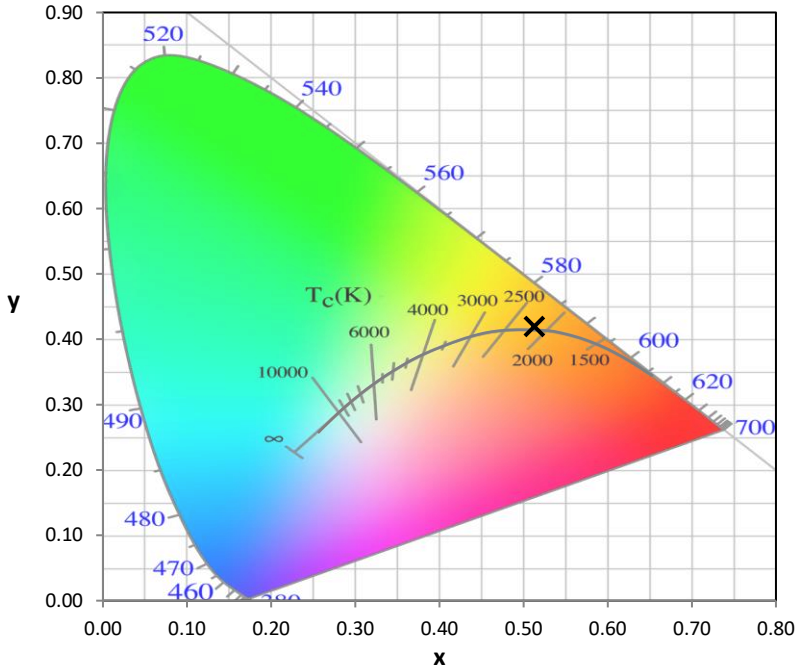
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

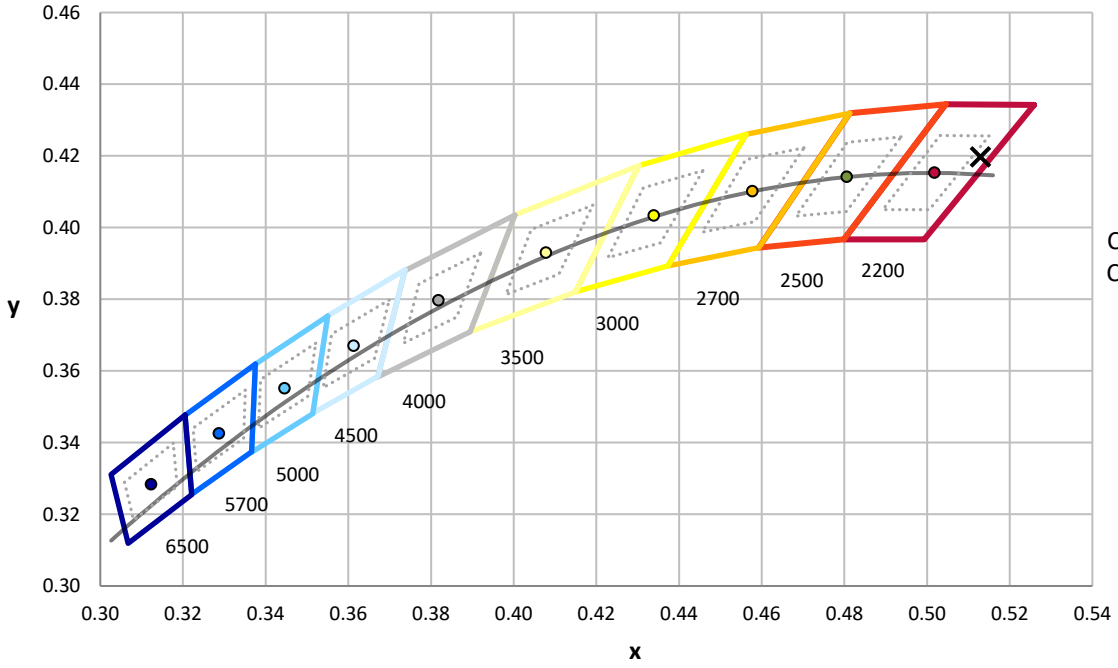
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

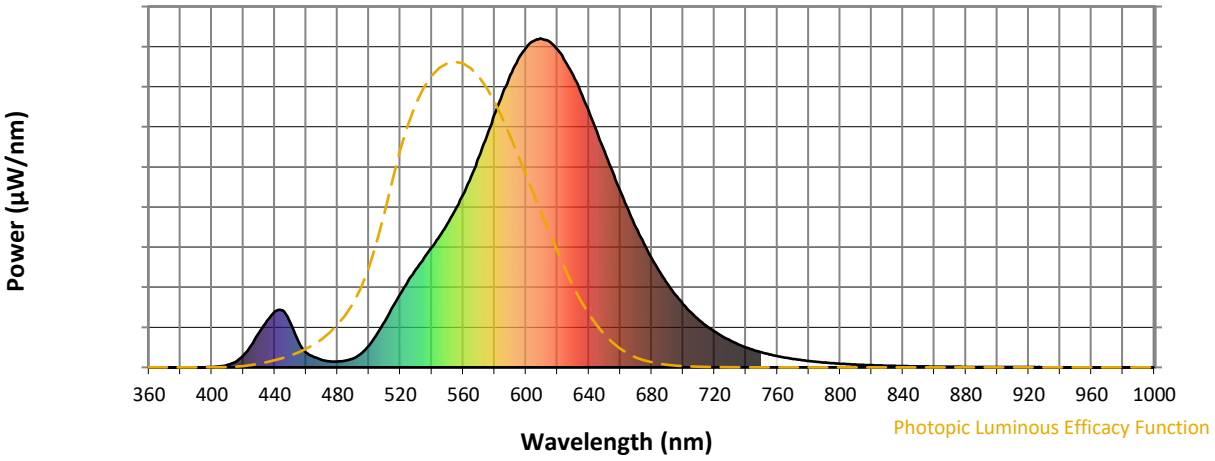


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

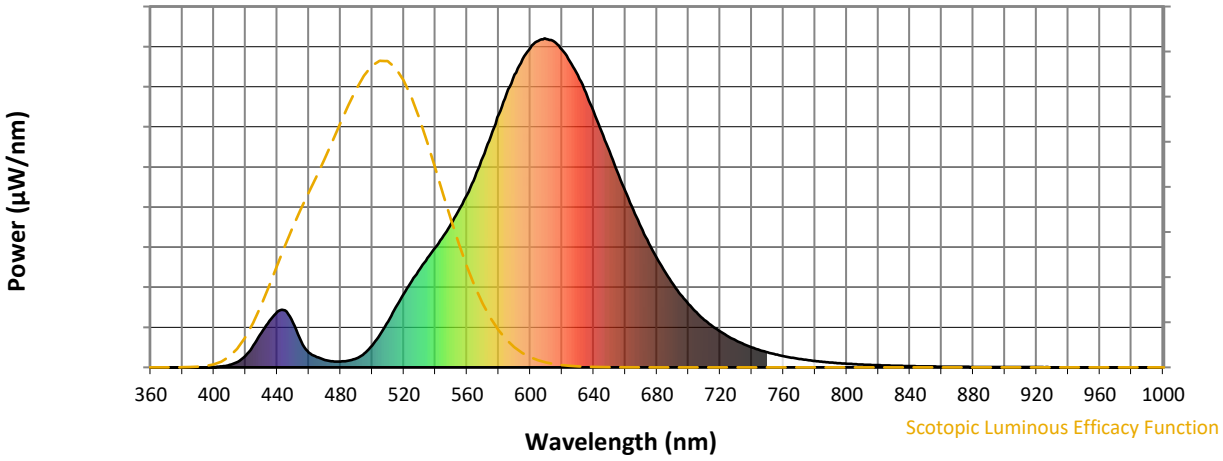


Photopic Lumens: NR

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

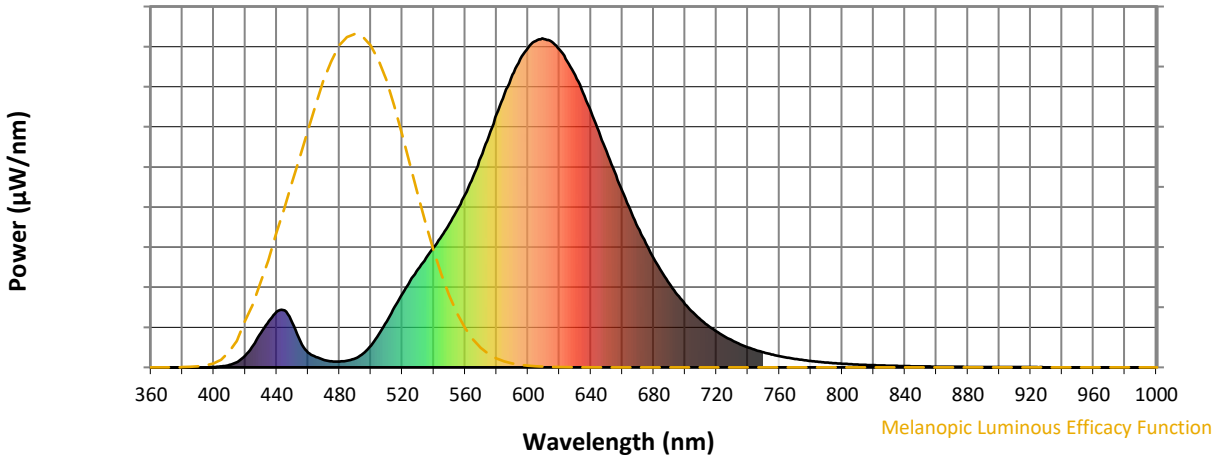


Scotopic Lumens: NR **S/P: 0.8**

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			

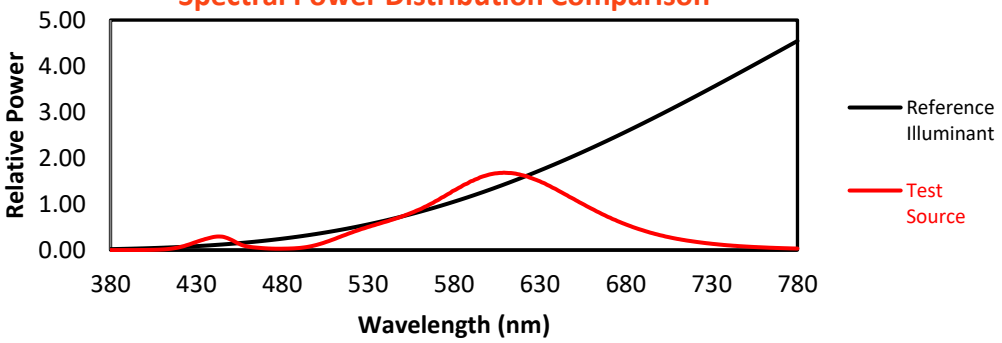
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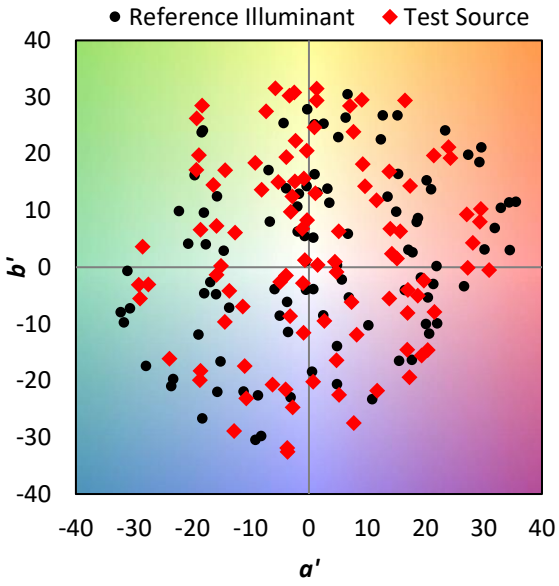
Summary

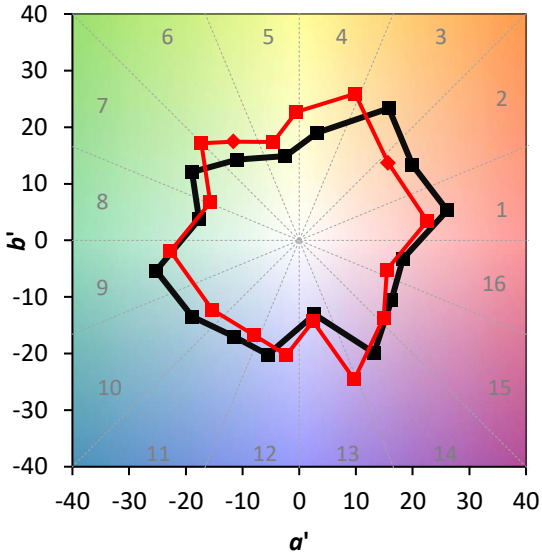
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

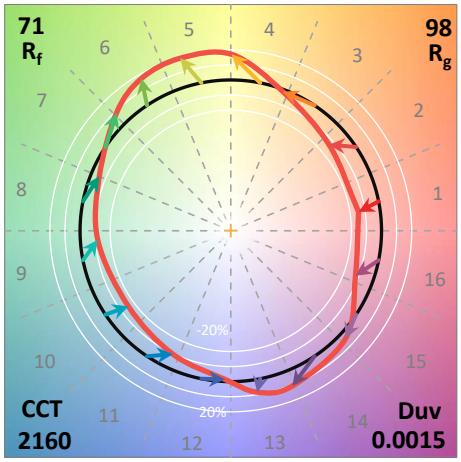
Spectral Power Distribution Comparison

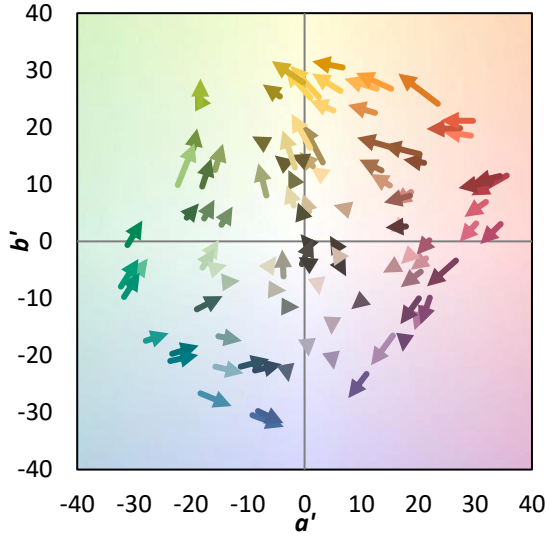


Color Vector Graphics







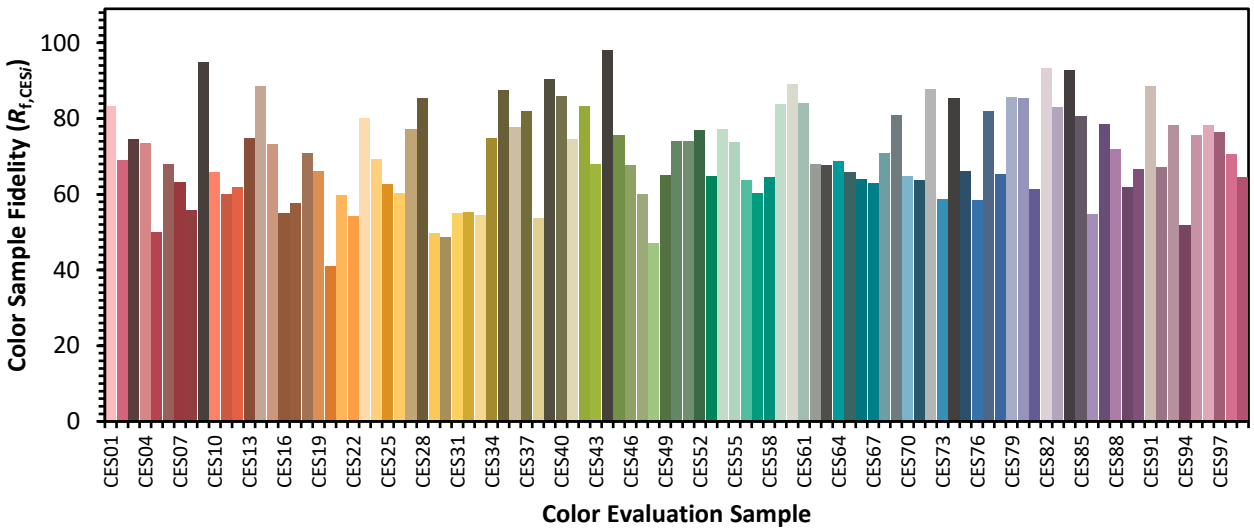


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Individual Sample Fidelity Index ($R_{f,i}$)

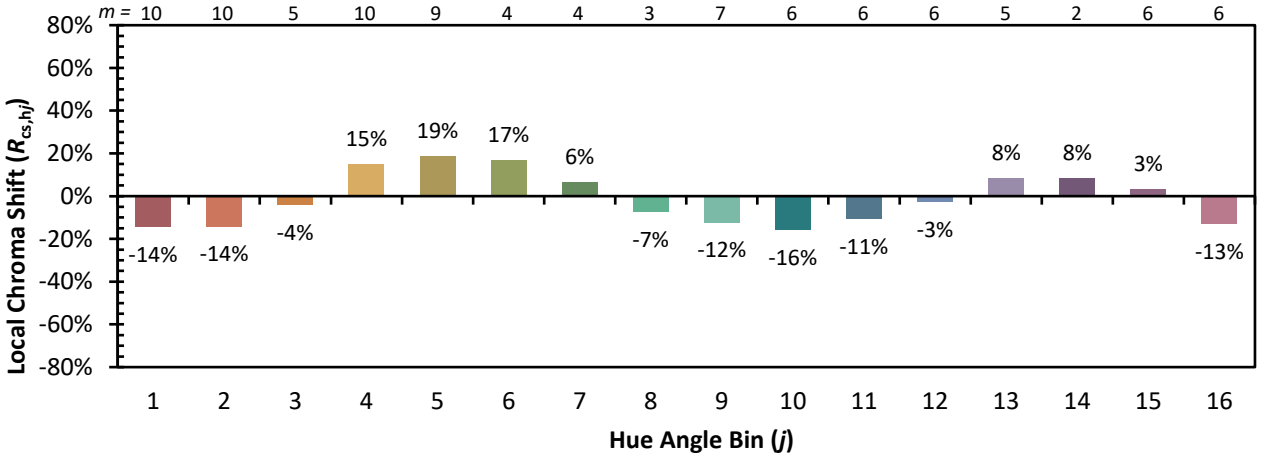
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

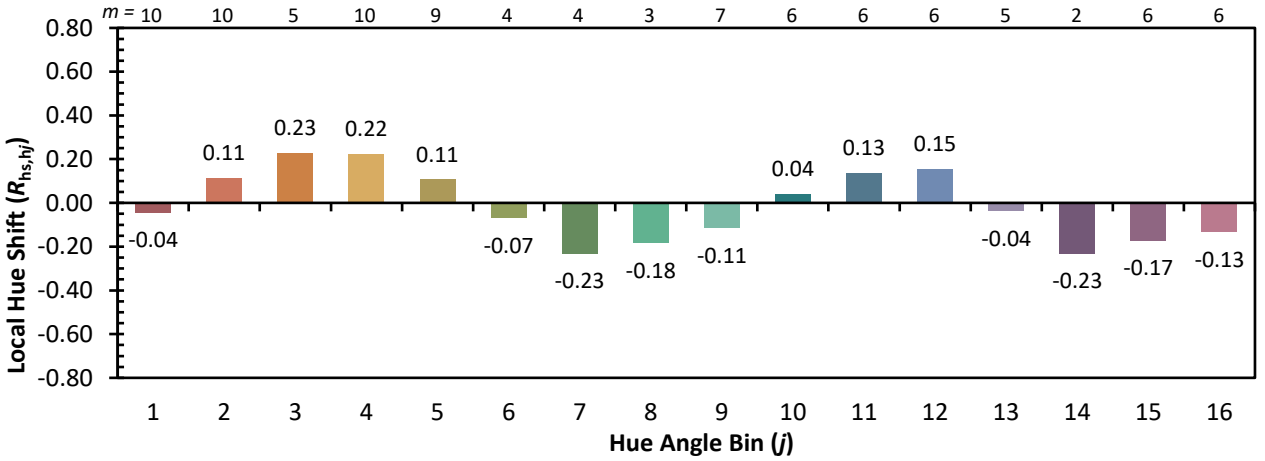


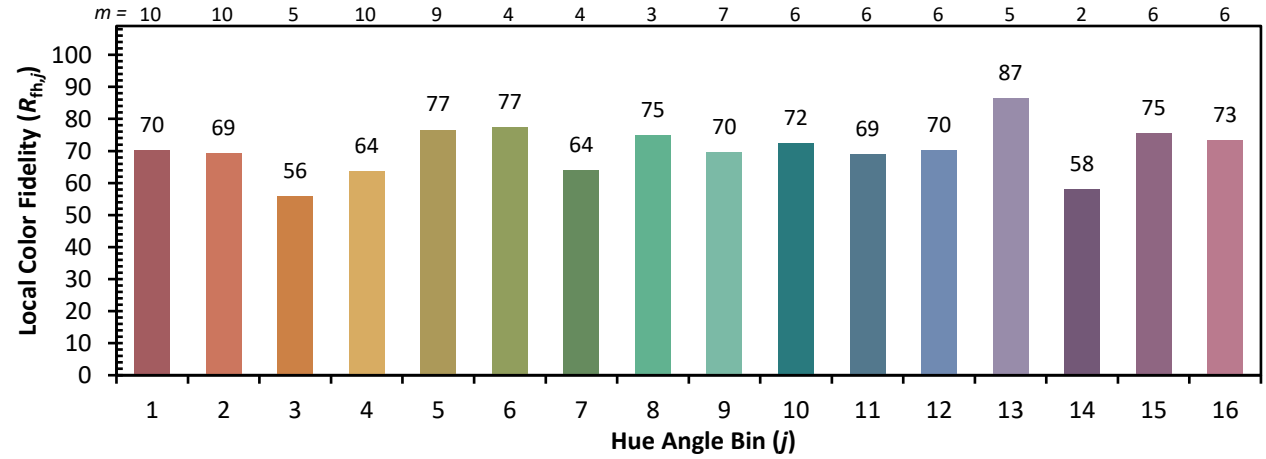
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Color Rendition by Hue-Angle Bin



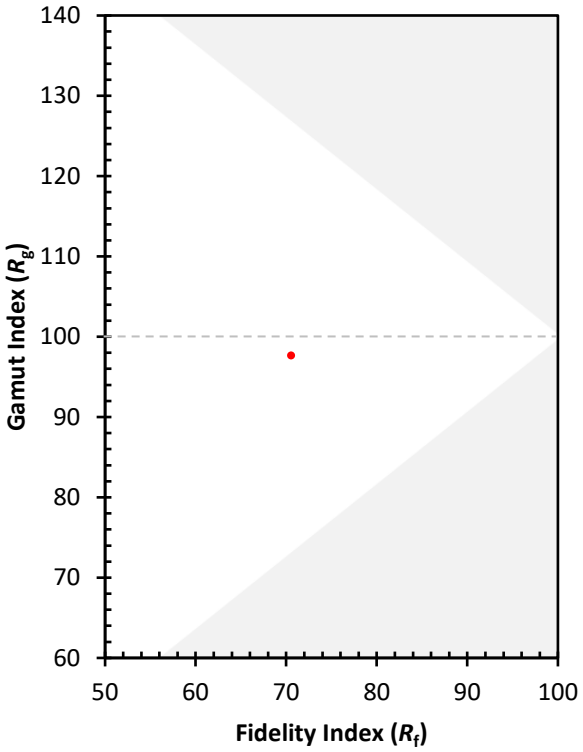


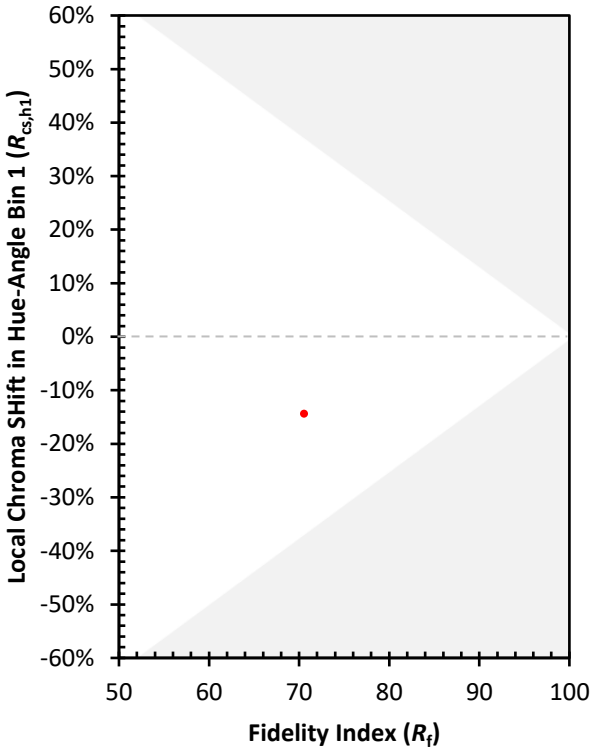


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Measure Comparisons





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