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: P1502129

Luminaire Tested: GSS-SB4A-722-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:	P1502129
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-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2200K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12044.3 lumens
Efficiency:	N/A
Efficacy:	105.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

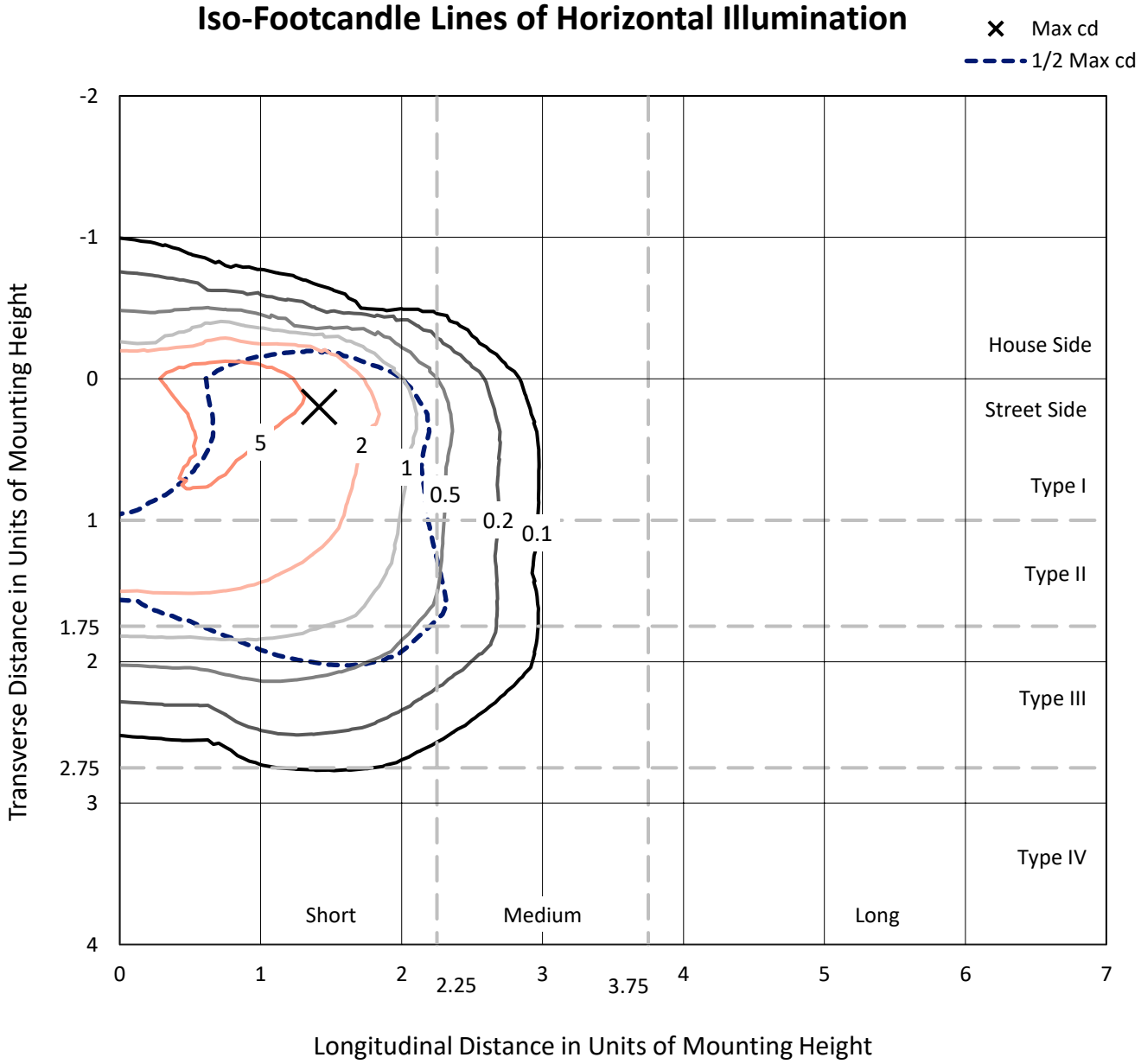
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502129
CATALOG NUMBER: GSS-SB4A-722-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



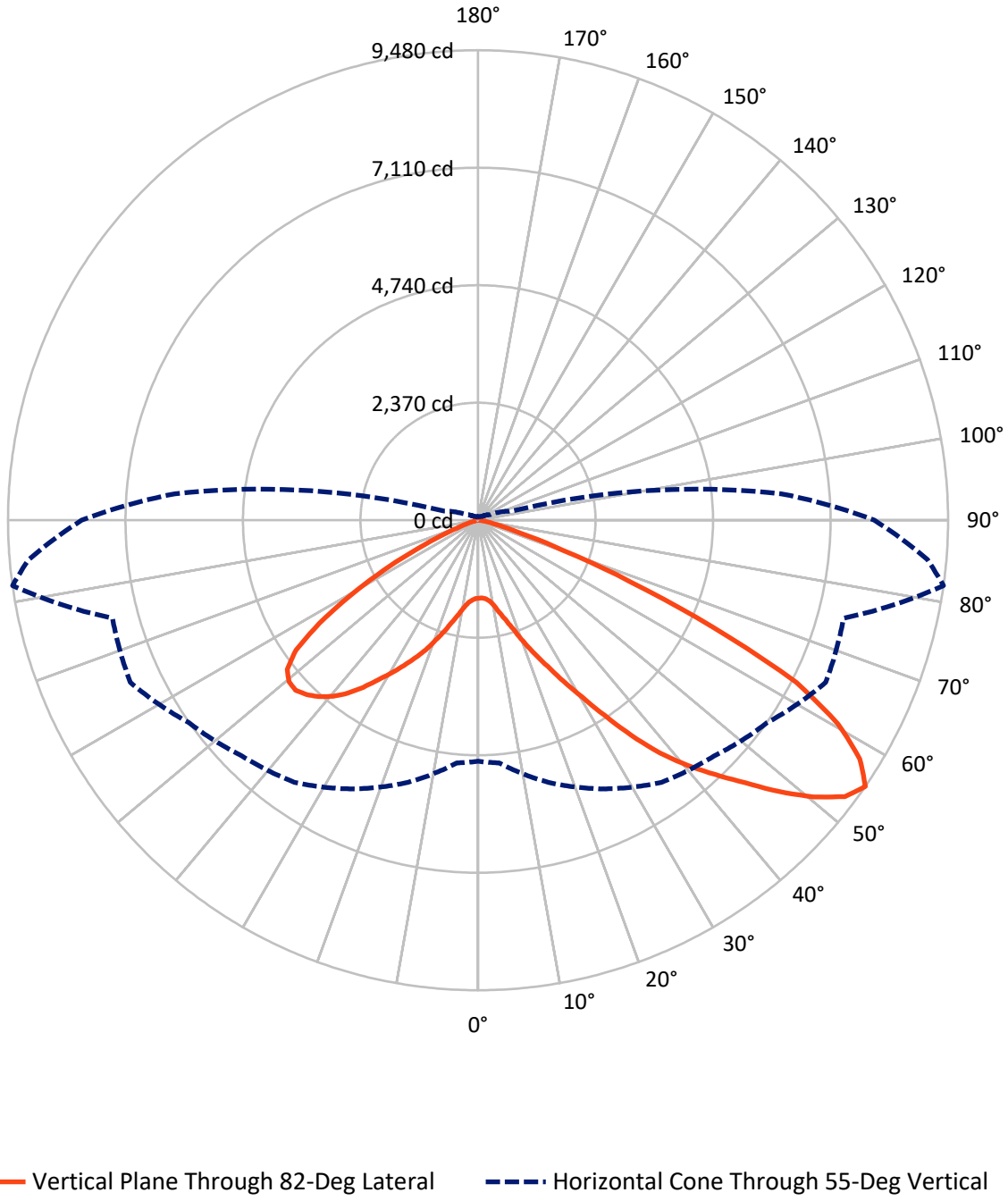
Based on 20 foot mounting height. Maximum calculated value = 7.3 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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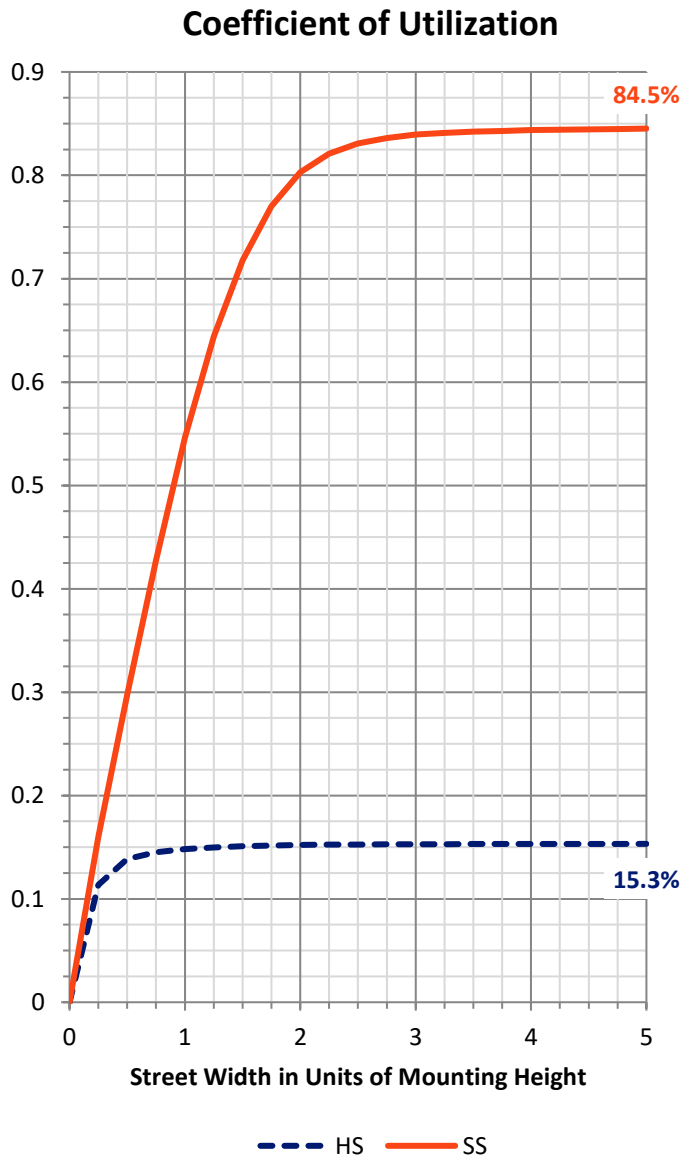
REPORT NUMBER: P1502129
CATALOG NUMBER: GSS-SB4A-722-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1861.7	0.0	1861.7
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	10182.7	0.0	10182.7
	% Fixture	84.5	0.0	84.5
Total	Lumens	12044.3	0.0	12044.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.6	1.2
10°-20°	385.8	3.2
20°-30°	771.3	6.4
30°-40°	1597.3	13.3
40°-50°	2668.3	22.2
50°-60°	3384.3	28.1
60°-70°	2530.0	21.0
70°-80°	535.9	4.4
80°-90°	28.9	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°	12044.3	100.0
0°-180°	12044.3	100.0



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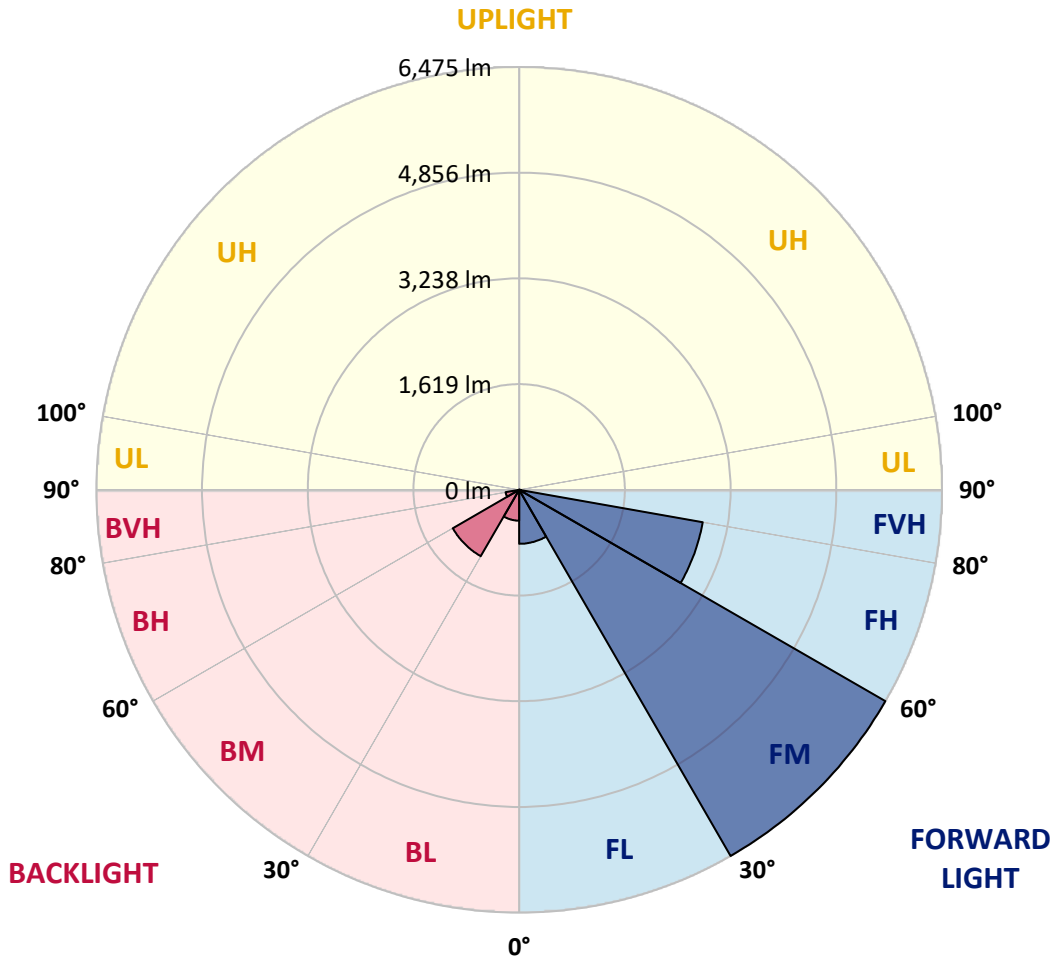
Scaled Data Report

REPORT NUMBER: P1502129
CATALOG NUMBER: GSS-SB4A-722-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	827.2	6.9			
FM	(30°-60°)	6475.2	53.8			
FH	(60°-80°)	2854.5	23.7			G2/5000
FVH	(80°-90°)	25.8	0.2			G1/100
BL	(0°-30°)	472.6	3.9	B1/500		
BM	(30°-60°)	1174.6	9.8	B2/2500		
BH	(60°-80°)	211.4	1.8	B1/500		G1/500
BVH	(80°-90°)	3.1	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°	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	*1572.4*	1572.4
2.5°	1529.9	1533.2	1526.6	1529.9	1536.4	1533.2	1546.2	1556.0	1565.8	*1569.1*	1572.4
5°	1395.9	1399.1	1402.4	1428.5	1444.9	1484.1	1520.1	1543.0	1575.6	*1592.0*	1595.3
7.5°	1235.7	1235.7	1248.8	1281.4	1323.9	1399.1	1480.8	1546.2	1608.3	*1641.0*	1647.6
10°	1206.3	1209.5	1209.5	1232.4	1268.4	1343.6	1448.2	1578.9	1690.1	*1739.1*	1755.4
12.5°	1212.8	1216.1	1219.3	1242.2	1278.2	1343.6	1477.6	1647.6	1820.8	*1902.5*	1912.4
15°	1229.1	1235.7	1245.5	1274.9	1314.1	1399.1	1539.7	1745.6	1977.7	*2082.3*	2108.5
17.5°	1278.2	1281.4	1297.8	1330.5	1392.6	1477.6	1631.2	1873.1	2196.8	*2311.2*	2360.2
20°	1353.4	1359.9	1382.8	1428.5	1500.5	1608.3	1778.3	2039.8	2432.1	*2608.6*	2647.9
22.5°	1448.2	1448.2	1480.8	1552.8	1654.1	1775.1	1981.0	2262.1	2719.8	*2925.7*	2991.1
25°	1605.1	1601.8	1628.0	1709.7	1830.6	2007.2	2216.4	2526.9	3020.5	*3265.7*	3334.4
27.5°	1964.7	1954.9	1945.0	1948.3	2052.9	2278.5	2520.4	2860.4	3393.2	*3680.9*	3733.2
30°	2383.1	2396.2	2383.1	2350.4	2366.7	2576.0	2876.7	3269.0	3811.6	*4135.3*	4203.9
32.5°	2749.2	2755.8	2811.3	2847.3	2860.4	2958.4	3288.6	3762.6	4344.5	*4697.5*	4785.8
35°	3148.0	3157.8	3219.9	3295.1	3412.8	3501.1	3805.1	4334.7	4887.1	*5331.7*	5397.1
37.5°	3612.2	3628.6	3710.3	3818.2	3981.6	4184.3	4347.7	4854.4	5439.6	*5952.8*	6021.5
40°	4020.8	4073.2	4213.7	4351.0	4524.3	4753.1	4861.0	5308.8	5848.2	*6502.0*	6616.4
42.5°	4406.6	4436.0	4661.6	4874.1	5080.0	5266.3	5370.9	5665.1	6211.1	*7012.0*	7139.5
45°	4726.9	4749.8	5001.5	5282.7	5537.7	5724.0	5740.3	6011.7	6570.7	*7551.3*	7649.4
47.5°	4923.1	4959.0	5282.7	5603.0	5884.2	6057.4	6031.3	6453.0	6962.9	*8179.0*	8192.1
50°	5040.8	5063.7	5393.8	5809.0	6155.5	6276.4	6332.0	6874.7	7319.2	*8773.9*	8695.5
52.5°	5125.8	5161.7	5485.4	5926.7	6315.7	6479.1	6678.5	7348.7	7600.4	*9261.0*	9051.8
55°	*4861.0*	*4913.3*	*5472.3*	*5979.0*	*6453.0*	*6727.6*	*7119.8*	*7737.7*	*7633.1*	*9480.0*	*9097.6*
57.5°	4563.5	4573.3	5125.8	5962.6	6606.6	6989.1	7525.2	7767.1	7329.1	*9081.2*	8633.4
60°	4125.5	4184.3	4749.8	5750.1	6632.8	7198.3	7799.8	7410.8	6773.3	*8342.4*	7669.0
62.5°	2896.3	2987.8	3726.6	5191.1	6446.4	7312.7	7754.0	6789.7	6077.0	*7201.6*	6446.4
65°	1621.4	1699.9	2304.6	4187.6	5933.2	7286.6	7283.3	5959.4	4959.0	*5204.2*	4609.3
67.5°	889.2	951.3	1196.4	3151.3	4707.3	6727.6	6292.8	4547.2	3324.6	*3304.9*	2876.7
70°	621.1	624.4	755.1	2128.1	3383.4	4694.3	4919.8	3050.0	2062.7	*1824.1*	1539.7
72.5°	304.0	307.3	375.9	1003.6	2069.3	2602.1	3373.6	1585.5	1157.2	*905.5*	771.5
75°	153.6	150.4	205.9	375.9	856.5	1268.4	1487.4	794.4	673.4	*496.9*	441.3
77.5°	98.1	101.3	121.0	205.9	385.7	493.6	457.7	431.5	395.5	*290.9*	251.7
80°	65.4	65.4	81.7	130.8	189.6	235.4	140.6	199.4	232.1	*170.0*	147.1
82.5°	19.6	19.6	49.0	71.9	91.5	94.8	62.1	91.5	130.8	*94.8*	71.9
85°	13.1	13.1	26.2	36.0	39.2	32.7	19.6	39.2	62.1	*42.5*	36.0
87.5°	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	*3.3*	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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REPORT NUMBER: P1502129
CATALOG NUMBER: GSS-SB4A-722-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4
2.5°	1575.6	1578.9	1588.7	1592.0	1598.5	1601.8	1601.8	1601.8	1598.5	1601.8	1608.3
5°	1601.8	1618.1	1631.2	1628.0	1628.0	1611.6	1598.5	1572.4	1559.3	1556.0	1559.3
7.5°	1667.2	1680.3	1693.3	1673.7	1624.7	1549.5	1467.8	1402.4	1346.8	1320.7	1330.5
10°	1784.9	1801.2	1801.2	1709.7	1572.4	1395.9	1248.8	1127.8	1036.3	987.2	1010.1
12.5°	1954.9	1967.9	1935.2	1742.4	1480.8	1189.9	944.7	742.1	624.4	565.5	552.5
15°	2151.0	2170.6	2059.5	1735.8	1337.0	889.2	588.4	441.3	398.8	385.7	389.0
17.5°	2402.7	2412.5	2196.8	1683.5	1088.6	581.9	418.4	375.9	366.1	359.6	359.6
20°	2713.3	2683.8	2307.9	1595.3	794.4	457.7	385.7	353.0	343.2	340.0	343.2
22.5°	3046.7	3000.9	2399.4	1428.5	601.5	431.5	369.4	333.4	320.4	317.1	317.1
25°	3396.5	3291.9	2471.3	1183.4	562.3	425.0	349.8	304.0	290.9	284.4	284.4
27.5°	3795.3	3615.5	2510.6	990.5	572.1	415.2	326.9	277.9	258.2	251.7	251.7
30°	4236.6	3975.1	2513.8	951.3	591.7	402.1	304.0	248.4	228.8	219.0	222.3
32.5°	4772.7	4341.2	2504.0	1013.4	604.8	392.3	277.9	219.0	202.7	192.9	192.9
35°	5328.4	4785.8	2464.8	1131.1	611.3	362.9	245.2	192.9	173.3	170.0	173.3
37.5°	5880.9	5207.5	2409.2	1196.4	578.6	297.5	199.4	166.7	153.6	153.6	153.6
40°	6384.3	5573.6	2334.1	1140.9	460.9	215.8	163.4	143.8	137.3	134.0	137.3
42.5°	6760.3	5900.5	2196.8	961.1	326.9	173.3	143.8	127.5	121.0	121.0	124.2
45°	7172.1	6214.3	1932.0	706.1	248.4	150.4	124.2	111.1	107.9	107.9	111.1
47.5°	7587.3	6466.0	1677.0	470.7	215.8	134.0	111.1	101.3	98.1	94.8	98.1
50°	7904.4	6587.0	1343.6	343.2	196.1	121.0	101.3	94.8	88.3	85.0	85.0
52.5°	8130.0	6554.3	984.0	294.2	179.8	111.1	94.8	88.3	78.5	78.5	78.5
55°	*7992.7*	*6135.9*	*709.4*	*264.8*	*166.7*	*104.6*	*91.5*	*81.7*	*75.2*	*71.9*	*71.9*
57.5°	7325.8	5230.4	513.2	238.6	147.1	98.1	88.3	78.5	68.6	65.4	65.4
60°	6368.0	4073.2	382.5	209.2	127.5	94.8	78.5	75.2	65.4	58.8	58.8
62.5°	5204.2	2965.0	297.5	179.8	114.4	81.7	75.2	68.6	58.8	52.3	49.0
65°	3612.2	1892.7	228.8	147.1	107.9	71.9	68.6	58.8	49.0	39.2	39.2
67.5°	2229.4	1124.5	176.5	114.4	85.0	62.1	58.8	52.3	42.5	32.7	32.7
70°	1232.4	595.0	121.0	85.0	65.4	49.0	45.8	45.8	36.0	29.4	26.2
72.5°	591.7	323.6	81.7	71.9	49.0	32.7	36.0	36.0	29.4	22.9	22.9
75°	356.3	192.9	55.6	55.6	32.7	26.2	26.2	29.4	22.9	16.3	16.3
77.5°	202.7	114.4	32.7	42.5	22.9	16.3	19.6	16.3	13.1	9.8	9.8
80°	114.4	65.4	19.6	29.4	13.1	9.8	9.8	6.5	6.5	3.3	3.3
82.5°	55.6	36.0	9.8	9.8	6.5	3.3	3.3	3.3	3.3	0.0	0.0
85°	26.2	6.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	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: SP1-2407-184-2

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

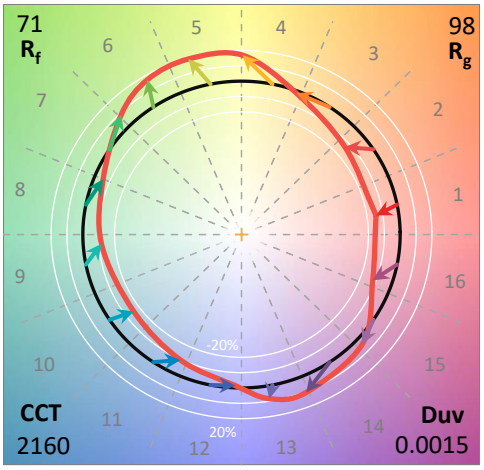
Test Information

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

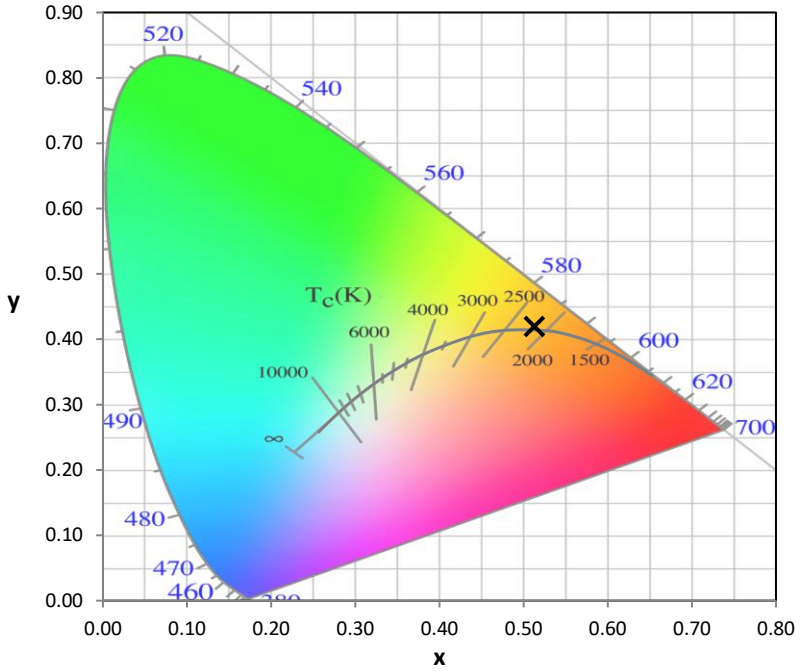
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

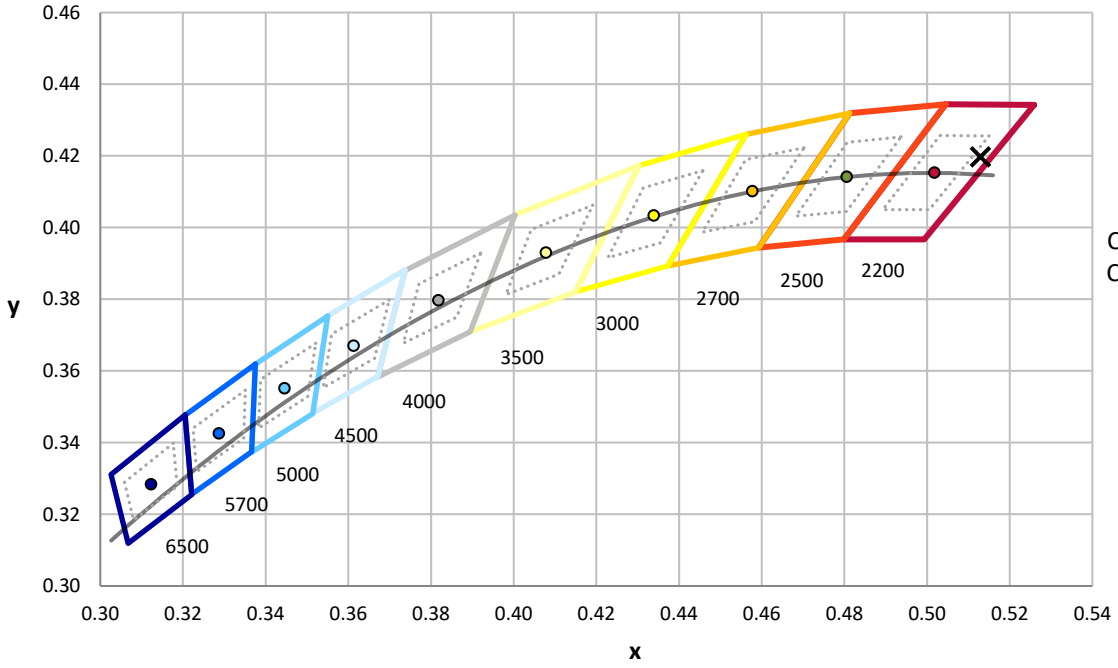
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

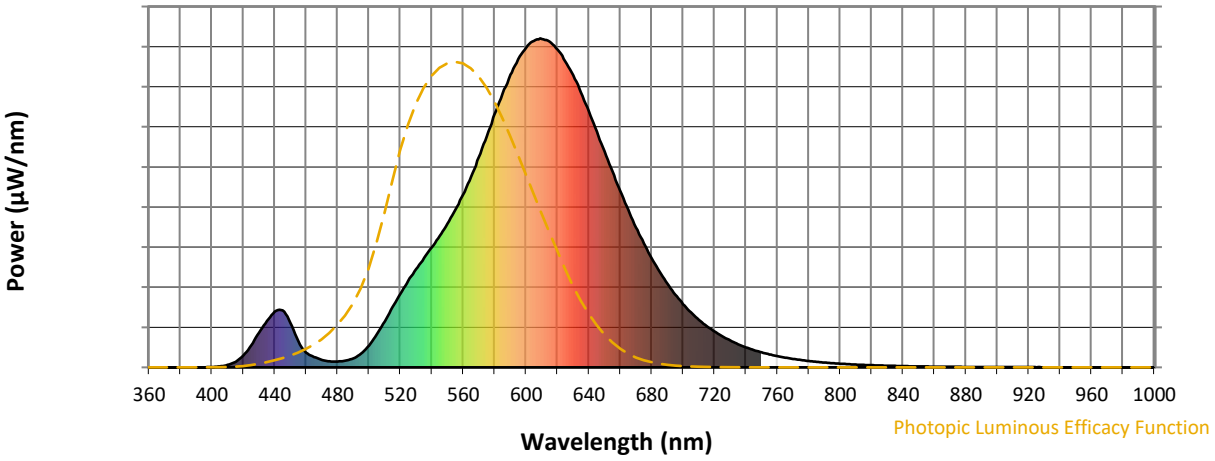


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

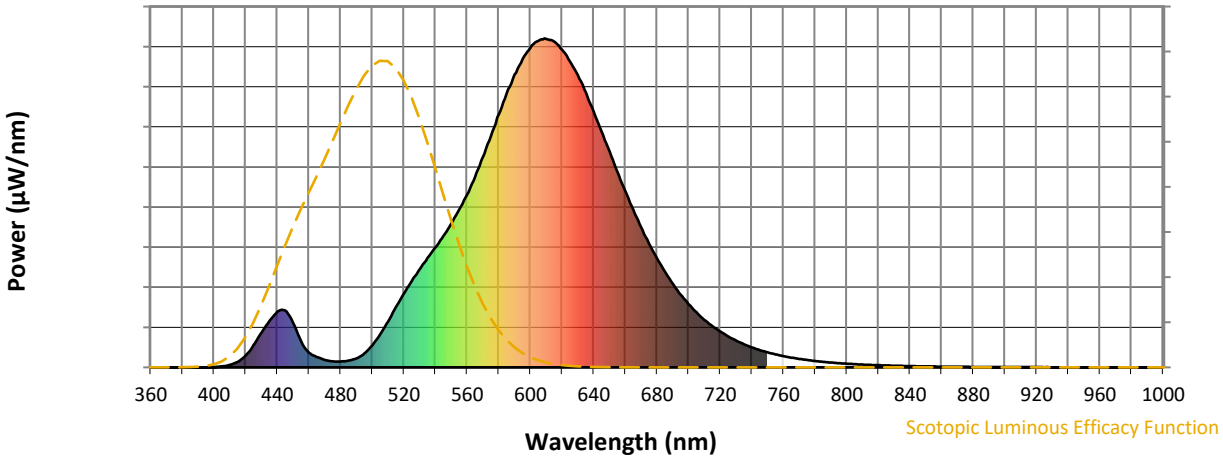


Photopic Lumens: NR

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

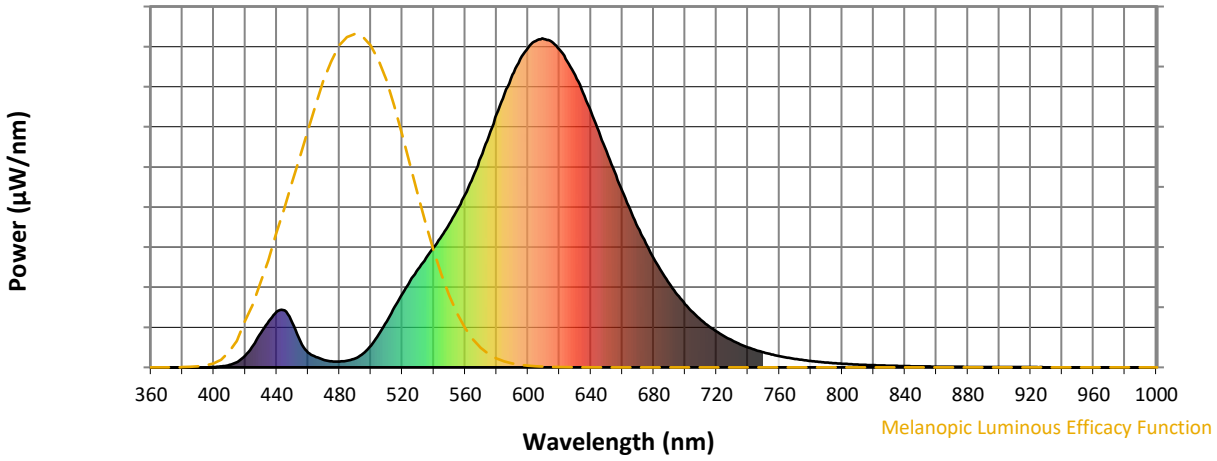


Scotopic Lumens: NR **S/P: 0.8**

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			

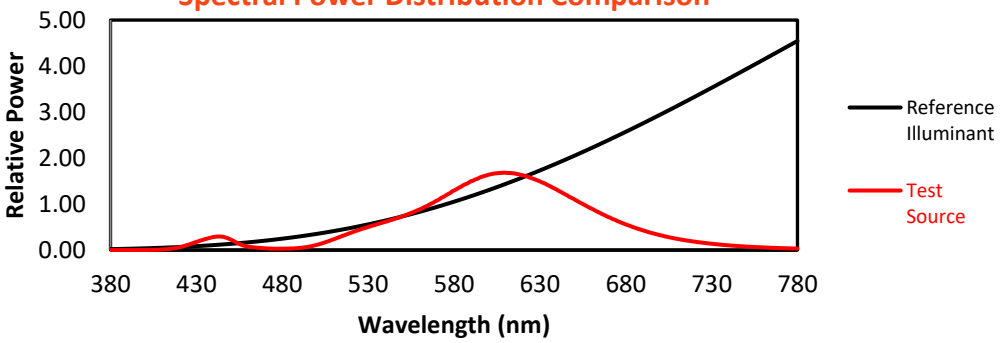
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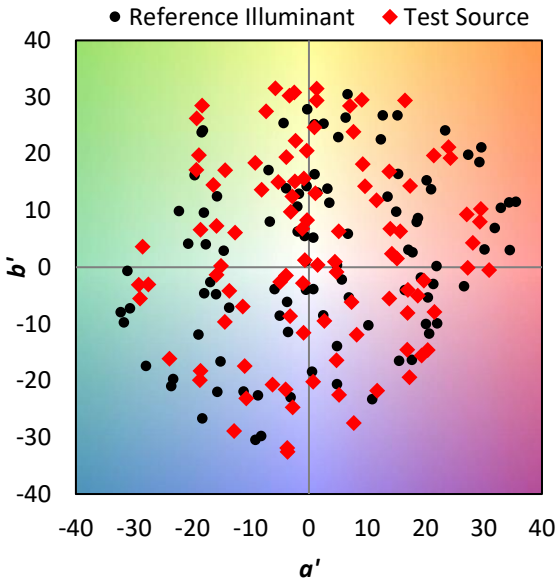
Summary

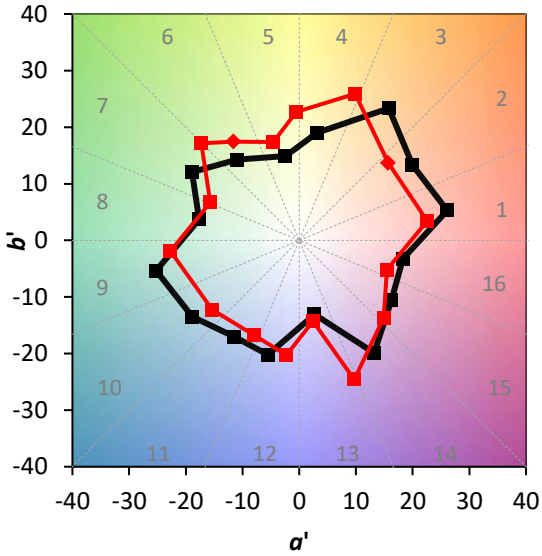
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R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

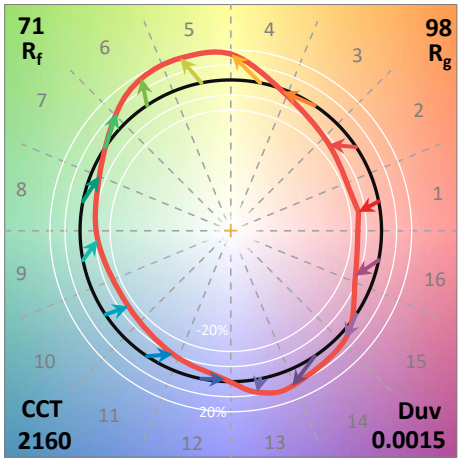
Spectral Power Distribution Comparison

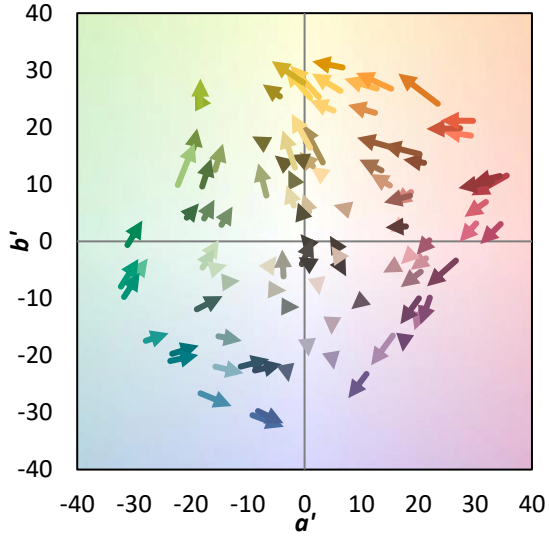


Color Vector Graphics







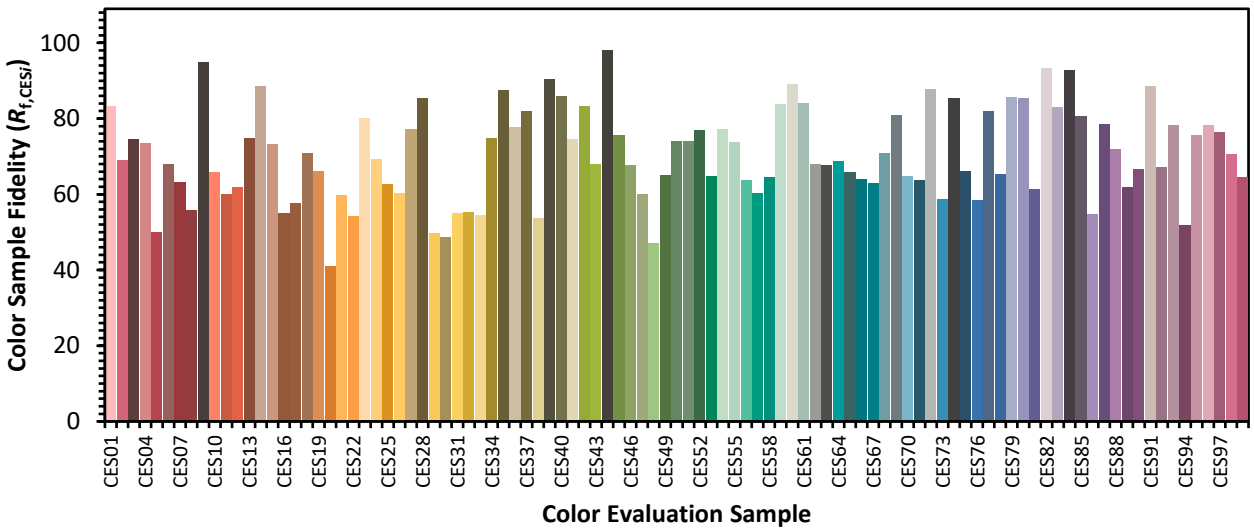


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Individual Sample Fidelity Index ($R_{f,i}$)

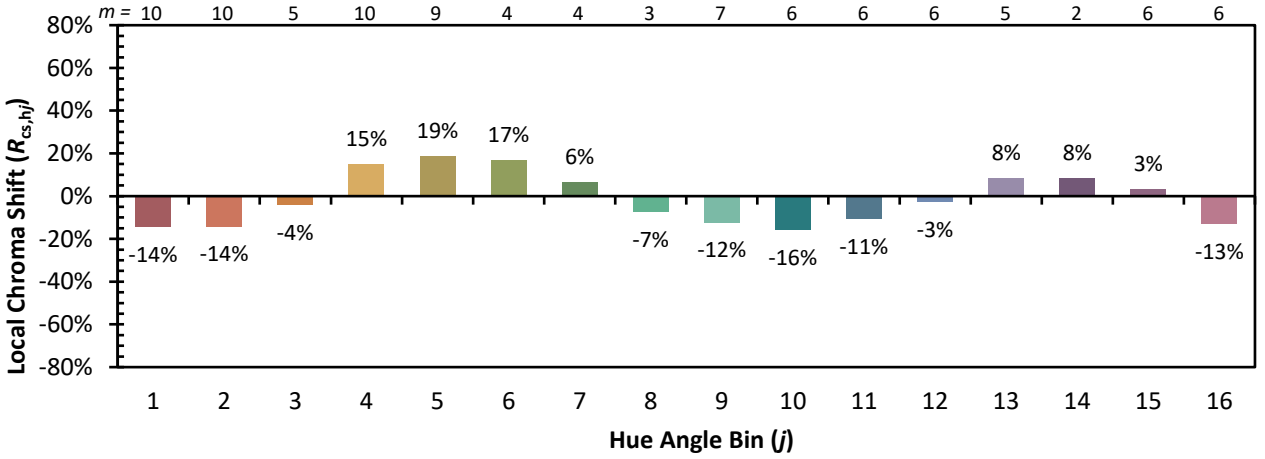
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

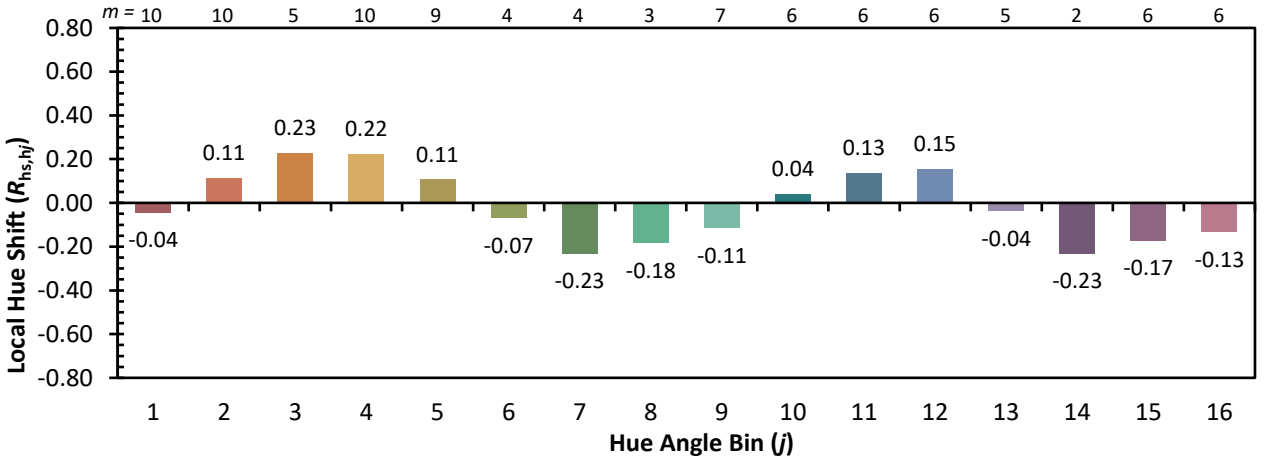


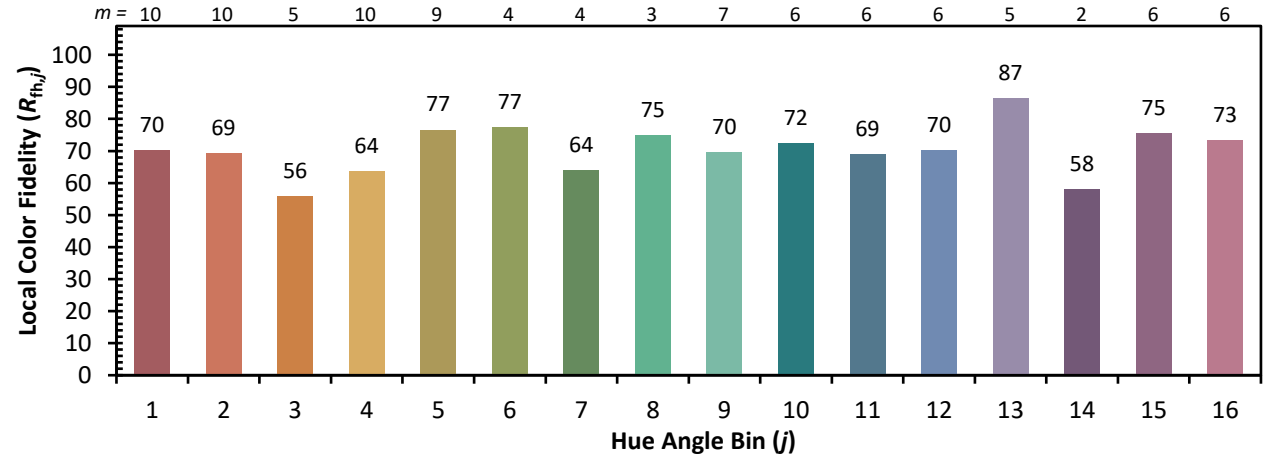
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Color Rendition by Hue-Angle Bin



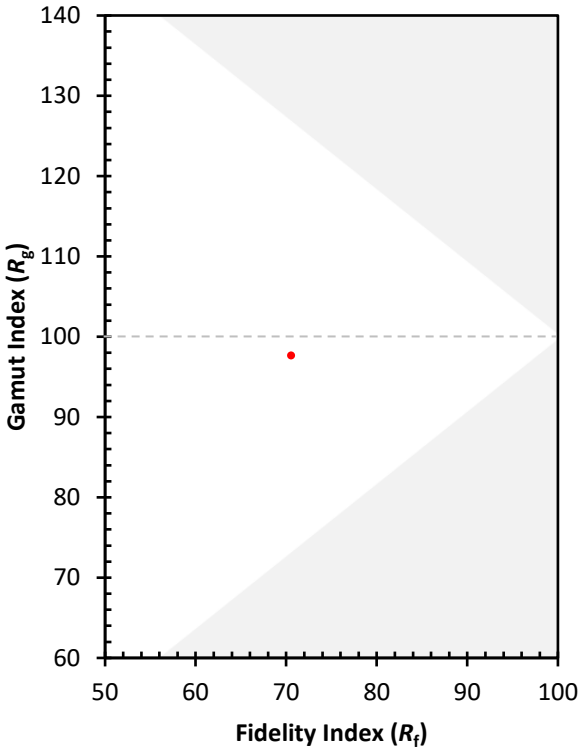


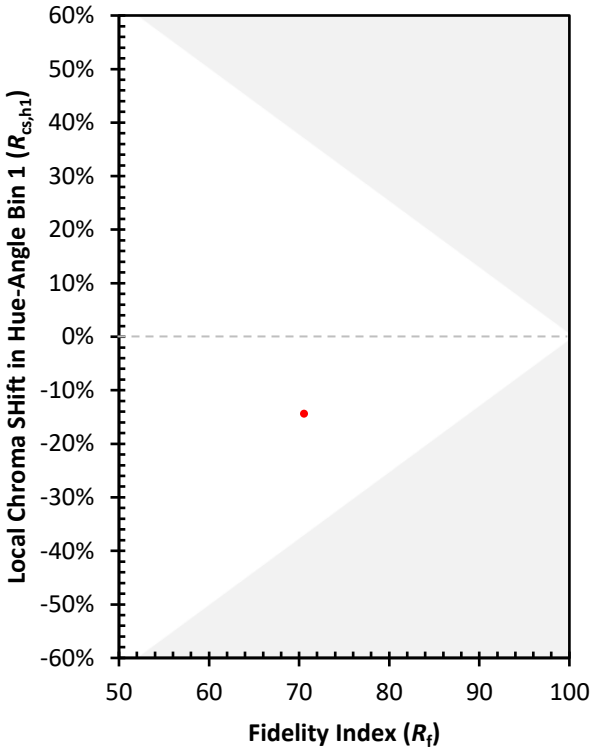


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Measure Comparisons





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