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: P1359934

Luminaire Tested: **GSS-SB4D-722-U-T3**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1359934
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-722-U-T3
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 2200K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25842.9 lumens
Efficiency:	N/A
Efficacy:	108.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G4

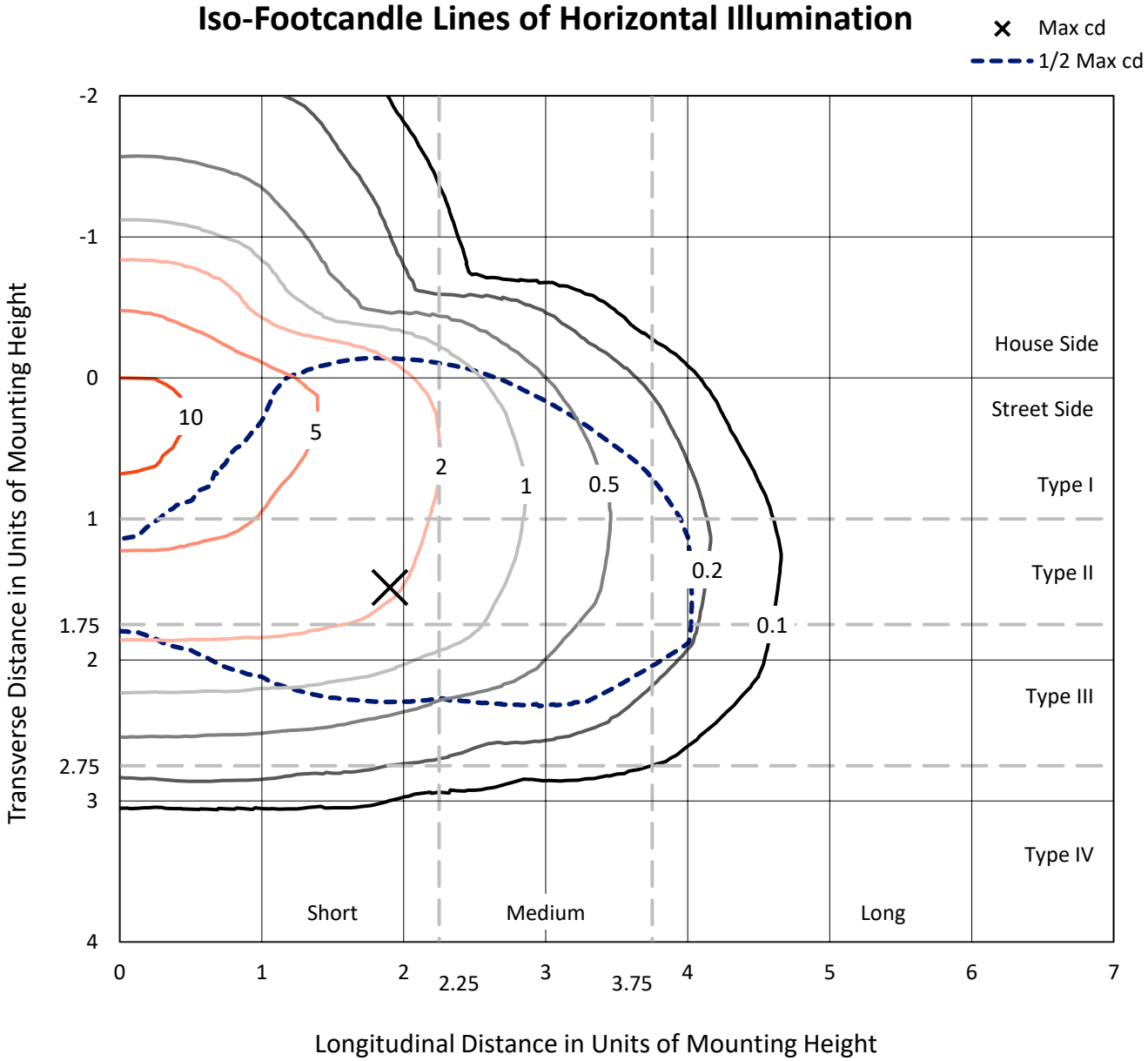
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1359934
CATALOG NUMBER: GSS-SB4D-722-U-T3

Iso-Footcandle Lines of Horizontal Illumination



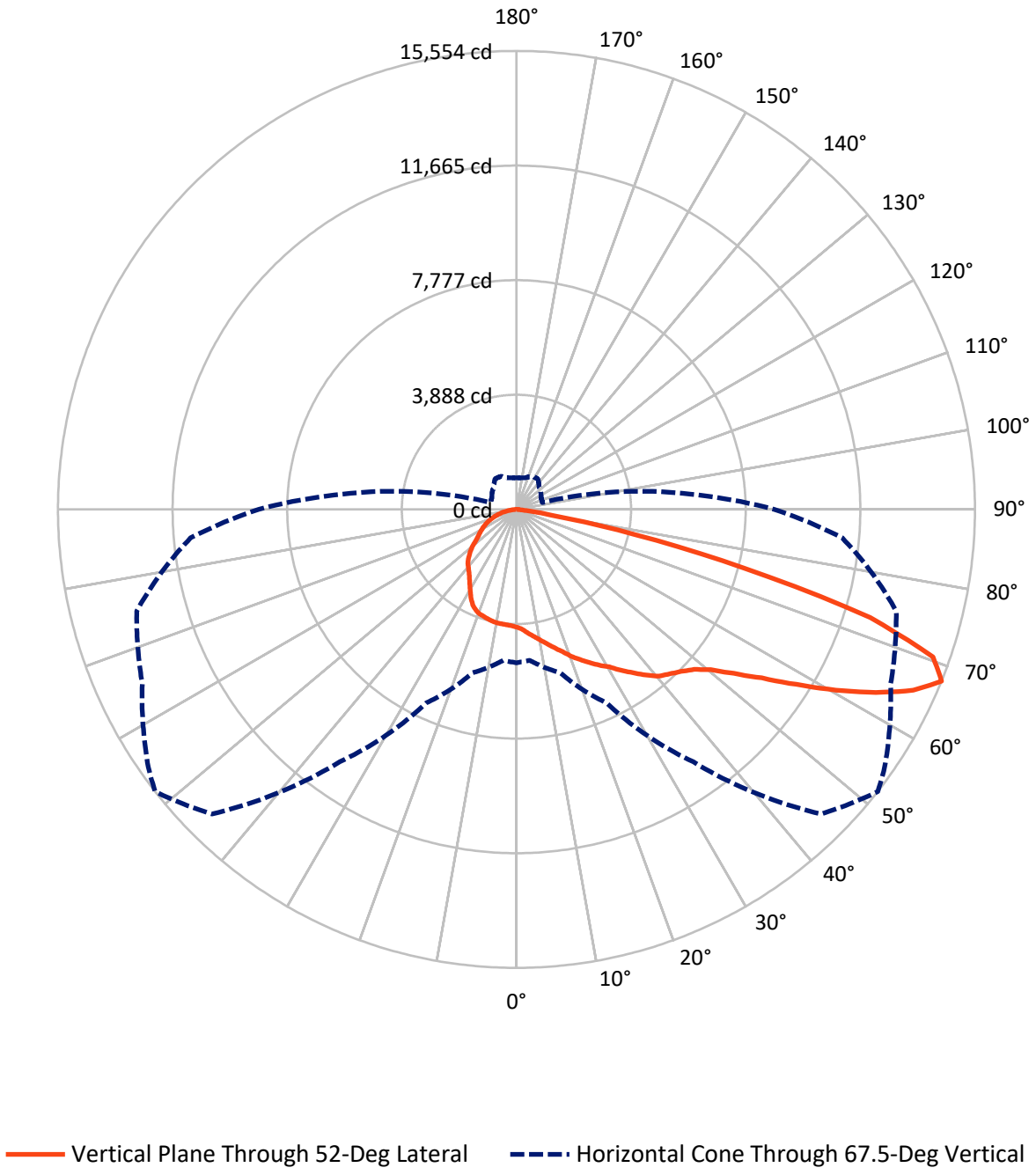
Based on 20 foot mounting height. Maximum calculated value = 11.3 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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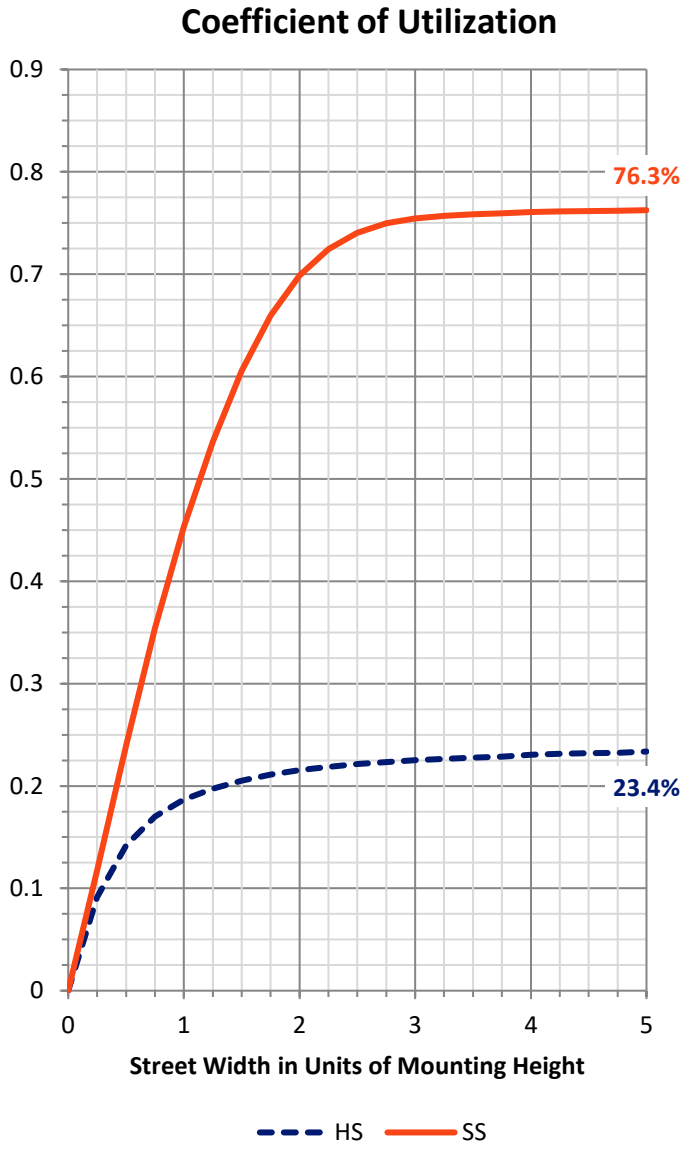
REPORT NUMBER: P1359934
CATALOG NUMBER: GSS-SB4D-722-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6114.0	0.0	6114.0
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	19728.9	0.0	19728.9
	% Fixture	76.3	0.0	76.3
Total	Lumens	25842.9	0.0	25842.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	392.1	1.5
10°-20°	1236.9	4.8
20°-30°	2114.7	8.2
30°-40°	3067.7	11.9
40°-50°	3984.9	15.4
50°-60°	5399.3	20.9
60°-70°	6298.2	24.4
70°-80°	3105.3	12.0
80°-90°	243.7	0.9
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°	25842.9	100.0
0°-180°	25842.9	100.0



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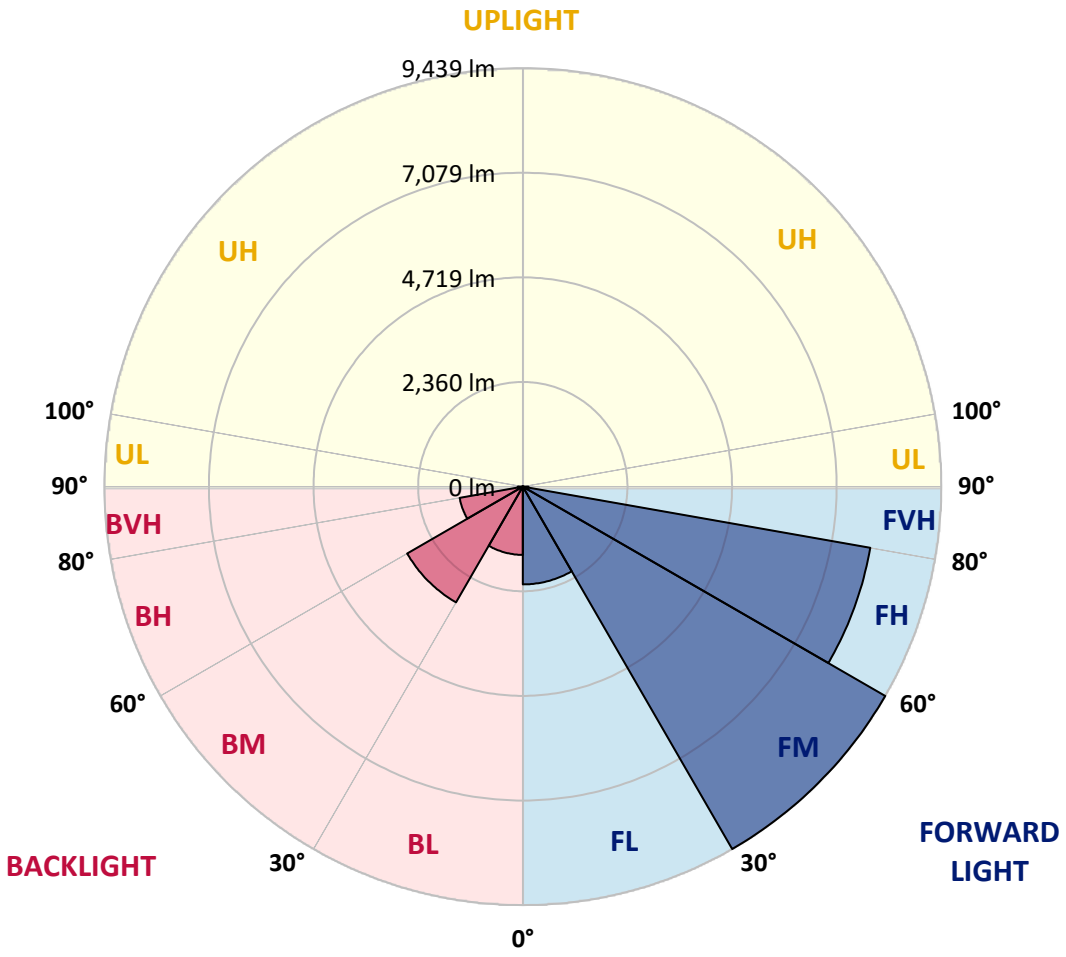
Scaled Data Report

REPORT NUMBER: P1359934
CATALOG NUMBER: GSS-SB4D-722-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2204.6	8.5			
FM	(30°-60°)	9438.6	36.5			
FH	(60°-80°)	7957.7	30.8			G4/12000
FVH	(80°-90°)	127.9	0.5			G2/225
BL	(0°-30°)	1539.0	6.0	B3/2500		
BM	(30°-60°)	3013.4	11.7	B3/5000		
BH	(60°-80°)	1445.8	5.6	B3/2500		G3/2500
BVH	(80°-90°)	115.8	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	52°	55°	65°	75°	85°
0°	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2
2.5°	4120.0	4114.3	4108.5	4085.5	4085.5	4091.3	4079.8	4085.5	4079.8	4051.0	4028.0
5°	4350.2	4298.4	4286.9	4275.4	4286.9	4252.4	4223.6	4206.3	4143.1	4125.8	4056.7
7.5°	4448.0	4453.8	4448.0	4425.0	4407.7	4407.7	4361.7	4338.7	4298.4	4229.4	4114.3
10°	4586.1	4580.4	4563.1	4574.6	4609.1	4551.6	4517.1	4499.8	4430.8	4332.9	4223.6
12.5°	4833.6	4793.3	4781.8	4764.5	4758.8	4724.2	4683.9	4689.7	4609.1	4459.5	4344.4
15°	5046.5	5000.4	5052.2	5017.7	4971.7	4919.9	4879.6	4845.1	4753.0	4614.9	4471.0
17.5°	5247.9	5224.8	5247.9	5247.9	5242.1	5155.8	5075.2	5046.5	4937.1	4781.8	4591.9
20°	5403.2	5403.2	5443.5	5443.5	5426.2	5374.5	5322.7	5288.1	5132.8	4931.4	4712.7
22.5°	5604.6	5512.6	5598.9	5604.6	5610.4	5570.1	5535.6	5489.5	5328.4	5086.7	4810.5
25°	5794.5	5719.7	5771.5	5737.0	5760.0	5777.3	5760.0	5742.7	5564.3	5288.1	4954.4
27.5°	6093.7	6018.9	6053.5	5972.9	5972.9	5955.6	5984.4	6007.4	5811.8	5483.8	5081.0
30°	6542.6	6456.3	6427.5	6329.7	6231.8	6191.6	6203.1	6243.3	6111.0	5673.7	5207.6
32.5°	6928.1	6882.1	6859.0	6778.5	6657.7	6473.5	6502.3	6502.3	6364.2	5811.8	5270.9
35°	7244.6	7233.1	7238.8	7129.5	7106.5	6807.3	6807.3	6795.8	6542.6	5995.9	5437.8
37.5°	7451.7	7388.4	7417.2	7457.5	7382.7	7181.3	7129.5	7100.7	6790.0	6191.6	5656.4
40°	7405.7	7359.7	7469.0	7543.8	7486.3	7446.0	7440.2	7382.7	7037.4	6439.0	5978.7
42.5°	7399.9	7359.7	7492.0	7572.6	7543.8	7607.1	7624.4	7664.6	7353.9	6830.3	6439.0
45°	7423.0	7405.7	7624.4	7727.9	7658.9	7745.2	7843.0	7877.5	7756.7	7307.9	7014.4
47.5°	7612.9	7589.8	7843.0	7963.9	8021.4	8171.0	8107.7	8165.3	8234.3	7986.9	7676.2
50°	7797.0	7820.0	8159.5	8274.6	8556.5	8763.7	8545.0	8637.1	8867.3	8775.2	8562.3
52.5°	8090.5	8096.2	8430.0	8717.7	9258.6	9454.2	9241.3	9252.8	9563.5	9736.2	9454.2
55°	8165.3	8228.6	8677.4	9275.8	10052.7	10190.8	10092.9	10052.7	10420.9	10656.8	10351.9
57.5°	8159.5	8125.0	8683.1	9511.8	10656.8	11146.0	11203.5	11094.2	11404.9	11502.7	11335.8
60°	7946.6	8015.7	8625.6	9678.6	11220.8	12308.3	12446.4	12302.6	12452.2	12480.9	12014.8
62.5°	7296.4	7319.4	8153.8	9684.4	11663.8	13275.0	13683.6	13522.5	13384.4	13027.6	12164.5
65°	6237.6	6197.3	6997.2	8884.5	11744.4	14207.2	14794.1	14794.1	13896.5	13211.7	11848.0
67.5°	5201.8	5138.5	5737.0	7244.6	10455.4	14615.8	15553.7	15248.7	14005.8	13338.3	11094.2
70°	2508.8	2687.2	3602.2	5127.0	7992.6	12342.8	14989.8	15104.9	13919.5	12941.3	9632.6
72.5°	897.7	857.4	1294.7	2198.1	4425.0	8055.9	12550.0	13562.7	13315.3	11801.9	7889.1
75°	414.3	420.1	540.9	765.3	1432.8	3930.1	7981.1	9339.1	11404.9	9811.0	5903.8
77.5°	322.2	322.2	368.3	437.3	592.7	1271.7	4079.8	5242.1	7371.2	6076.5	2813.8
80°	235.9	241.7	247.4	287.7	362.5	477.6	1214.1	1818.3	2687.2	1950.7	914.9
82.5°	166.9	166.9	161.1	161.1	195.6	212.9	328.0	460.3	788.3	535.1	241.7
85°	69.1	80.6	69.1	69.1	69.1	86.3	103.6	120.8	172.6	149.6	103.6
87.5°	11.5	11.5	11.5	17.3	23.0	28.8	34.5	40.3	46.0	46.0	46.0
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-SB4D-722-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2	3999.2
2.5°	4016.5	4016.5	3999.2	3970.4	3958.9	3941.7	3935.9	3930.1	3918.6	3941.7	3930.1
5°	4039.5	4016.5	3993.4	3947.4	3941.7	3912.9	3884.1	3878.4	3861.1	3878.4	3878.4
7.5°	4091.3	4056.7	4004.9	3958.9	3918.6	3912.9	3861.1	3815.1	3815.1	3820.8	3815.1
10°	4183.3	4143.1	4091.3	4004.9	3930.1	3861.1	3774.8	3717.2	3723.0	3723.0	3711.5
12.5°	4304.2	4246.6	4154.6	4028.0	3912.9	3803.6	3700.0	3682.7	3677.0	3688.5	3653.9
15°	4396.2	4344.4	4194.8	4051.0	3872.6	3763.3	3653.9	3613.7	3619.4	3607.9	3579.1
17.5°	4511.3	4430.8	4246.6	4033.7	3826.6	3723.0	3596.4	3510.1	3464.1	3469.8	3464.1
20°	4620.7	4505.6	4286.9	4033.7	3815.1	3630.9	3469.8	3354.7	3256.9	3239.6	3233.9
22.5°	4701.2	4586.1	4332.9	4039.5	3746.0	3527.3	3291.4	3141.8	2998.0	2974.9	2969.2
25°	4816.3	4666.7	4384.7	3999.2	3653.9	3354.7	3061.3	2894.4	2767.8	2744.8	2744.8
27.5°	4914.1	4753.0	4453.8	3958.9	3504.3	3118.8	2842.6	2675.7	2595.2	2554.9	2554.9
30°	5017.7	4839.3	4511.3	3838.1	3302.9	2882.9	2670.0	2560.6	2468.6	2428.3	2411.0
32.5°	5132.8	4983.2	4522.8	3717.2	3101.5	2727.5	2549.1	2457.1	2359.2	2301.7	2295.9
35°	5276.6	5167.3	4482.6	3538.9	2900.1	2606.7	2434.0	2330.5	2232.6	2175.1	2186.6
37.5°	5506.8	5380.2	4361.7	3285.7	2733.3	2531.9	2342.0	2192.4	2077.3	1985.2	1991.0
40°	5846.3	5639.2	4183.3	2980.7	2612.4	2445.6	2232.6	2060.0	1893.1	1755.0	1755.0
42.5°	6231.8	5869.3	3964.7	2698.7	2520.4	2336.2	2117.6	1898.9	1663.0	1519.1	1513.4
45°	6663.4	6070.7	3711.5	2468.6	2370.7	2203.9	1967.9	1657.2	1501.9	1427.1	1421.3
47.5°	7238.8	6289.4	3412.3	2267.2	2198.1	2071.5	1743.5	1519.1	1427.1	1369.5	1363.8
50°	7779.7	6525.3	3164.8	2071.5	2014.0	1916.2	1588.2	1461.6	1386.8	1340.7	1329.2
52.5°	8406.9	6767.0	2888.6	1881.6	1806.8	1674.5	1553.6	1432.8	1363.8	1329.2	1317.7
55°	9028.4	7106.5	2583.7	1709.0	1622.7	1565.2	1519.1	1415.5	1346.5	1323.5	1306.2
57.5°	9736.2	7434.5	2209.6	1524.9	1490.3	1484.6	1513.4	1409.8	1352.2	1312.0	1288.9
60°	10104.4	7578.3	1818.3	1358.0	1363.8	1398.3	1490.3	1409.8	1317.7	1248.7	1219.9
62.5°	9977.8	7284.9	1438.6	1191.1	1242.9	1306.2	1450.1	1358.0	1242.9	1191.1	1156.6
65°	9471.5	6784.2	1122.1	1047.3	1133.6	1191.1	1352.2	1283.2	1168.1	1116.3	1110.6
67.5°	*8740.7*	*5915.4*	*909.2*	*920.7*	*1007.0*	*1081.8*	*1265.9*	*1237.2*	*1104.8*	*1070.3*	*1070.3*
70°	7348.2	4753.0	748.1	805.6	880.4	961.0	1202.6	1162.4	1024.3	1007.0	1007.0
72.5°	5742.7	3354.7	638.7	707.8	730.8	845.9	1116.3	1076.0	995.5	1035.8	1041.5
75°	4051.0	2042.8	546.7	598.4	621.5	696.3	1035.8	1053.0	978.2	1110.6	1133.6
77.5°	1841.4	897.7	425.8	471.8	500.6	592.7	891.9	978.2	845.9	845.9	799.8
80°	644.5	379.8	339.5	339.5	362.5	460.3	742.3	805.6	679.0	598.4	575.4
82.5°	235.9	207.2	253.2	253.2	230.2	282.0	494.9	535.1	489.1	425.8	420.1
85°	92.1	97.8	155.4	155.4	115.1	138.1	276.2	287.7	276.2	241.7	241.7
87.5°	40.3	40.3	46.0	46.0	40.3	34.5	51.8	51.8	34.5	23.0	11.5
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

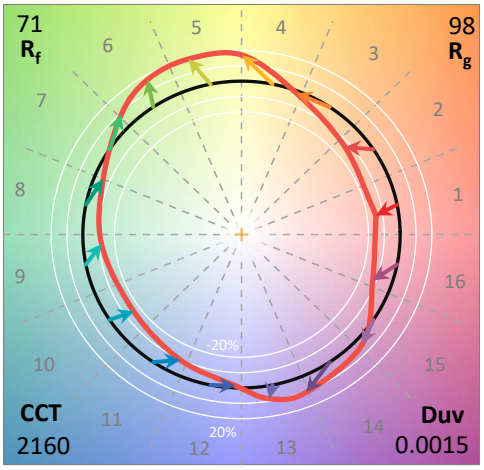
Test Information

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

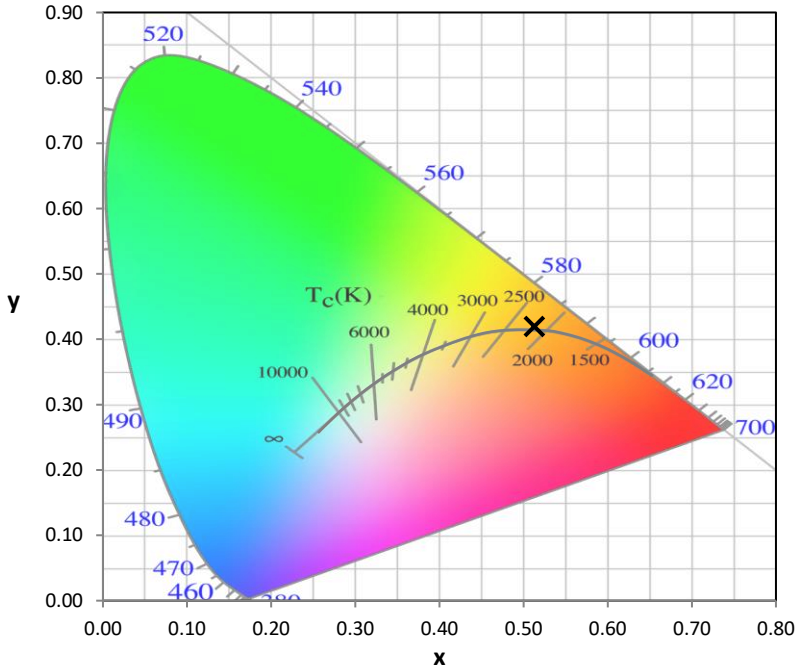
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

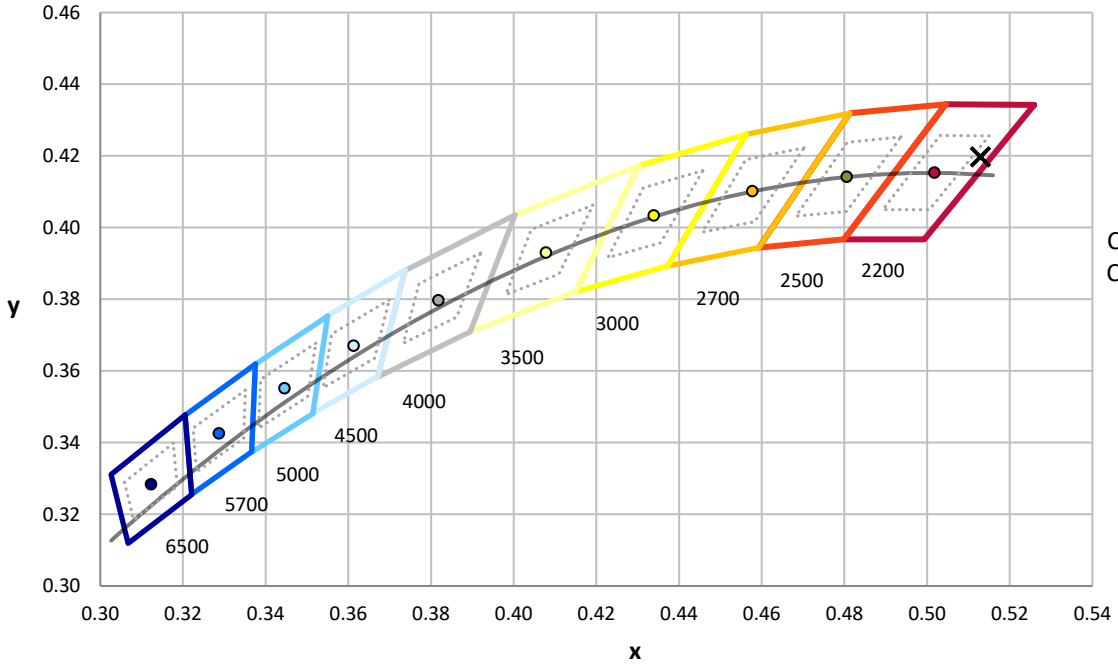
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

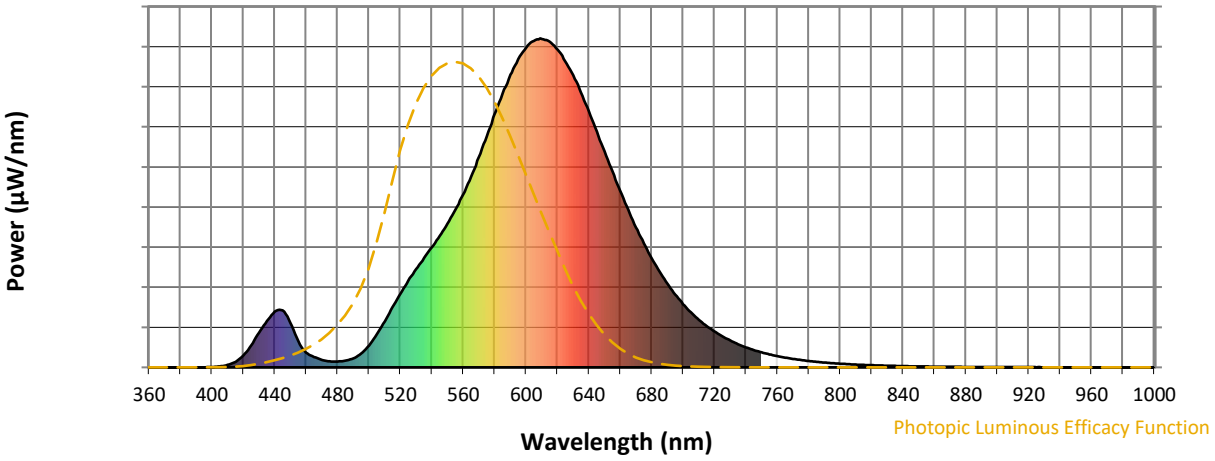


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

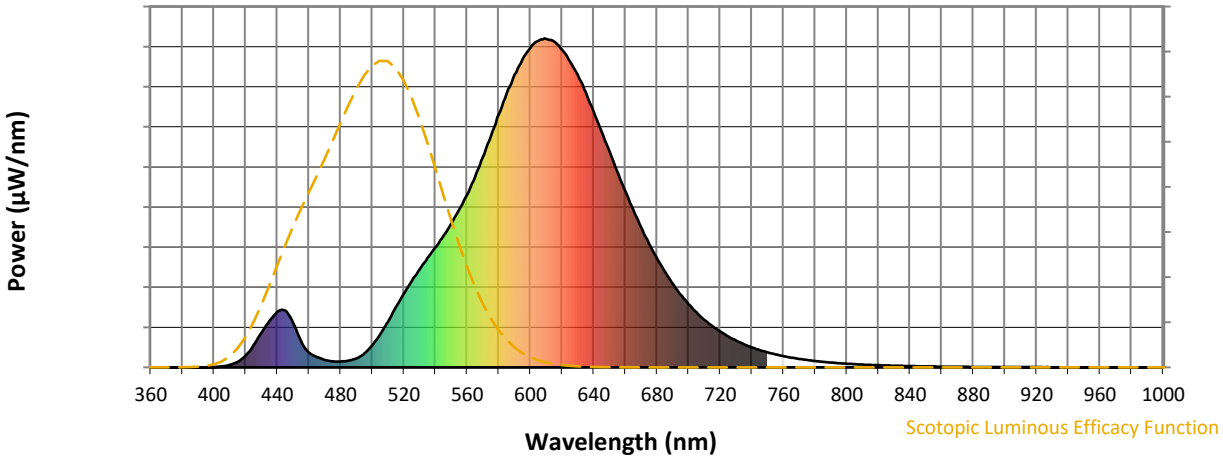


Photopic Lumens: NR

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

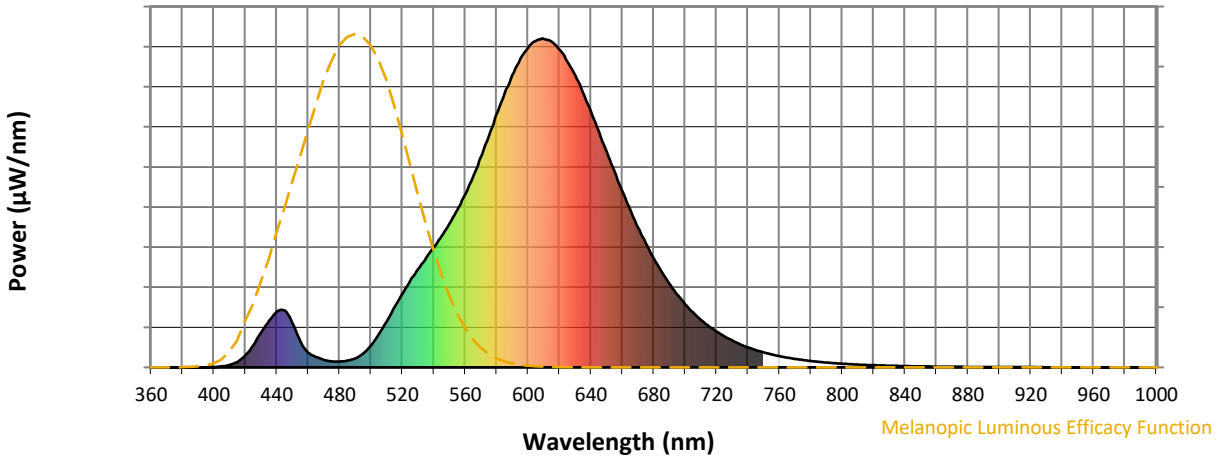


Scotopic Lumens: NR **S/P: 0.8**

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			

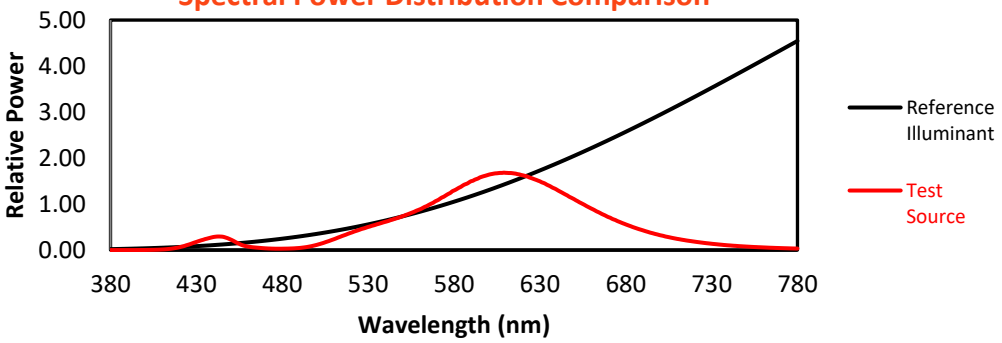
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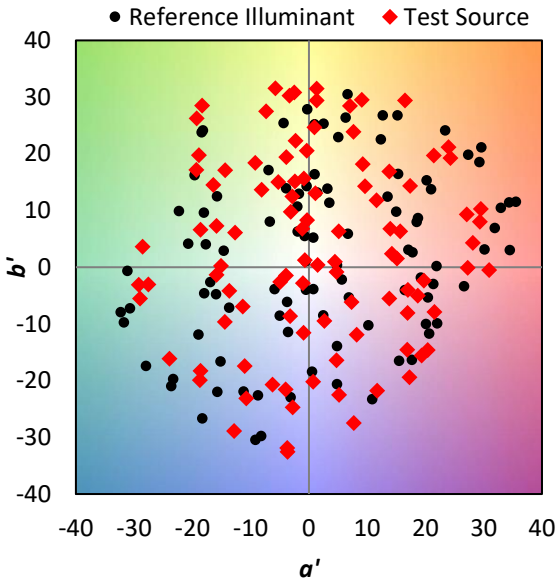
Summary

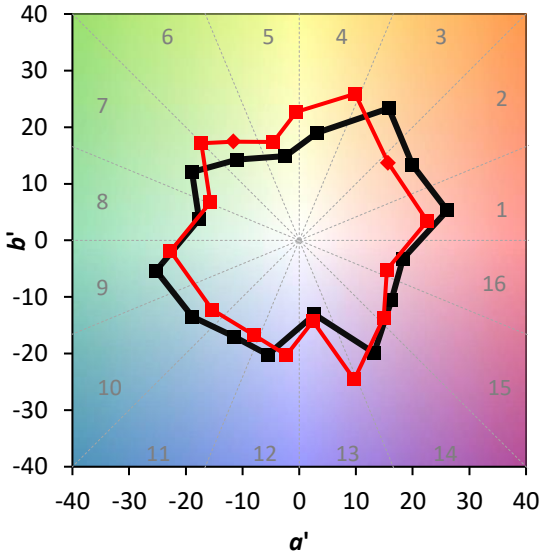
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

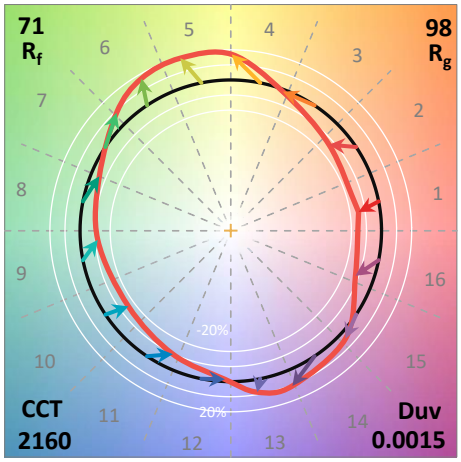
Spectral Power Distribution Comparison

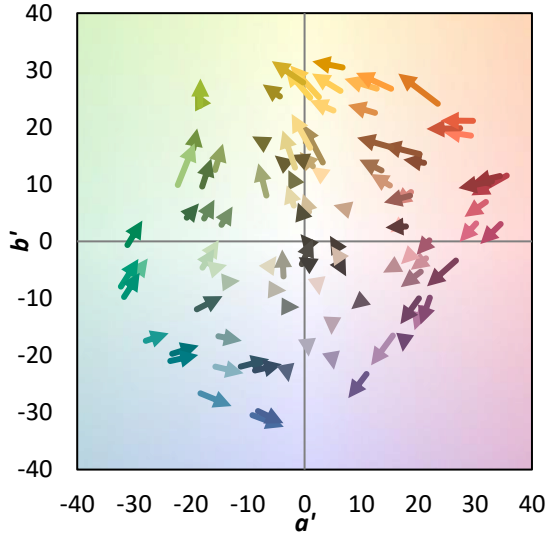


Color Vector Graphics







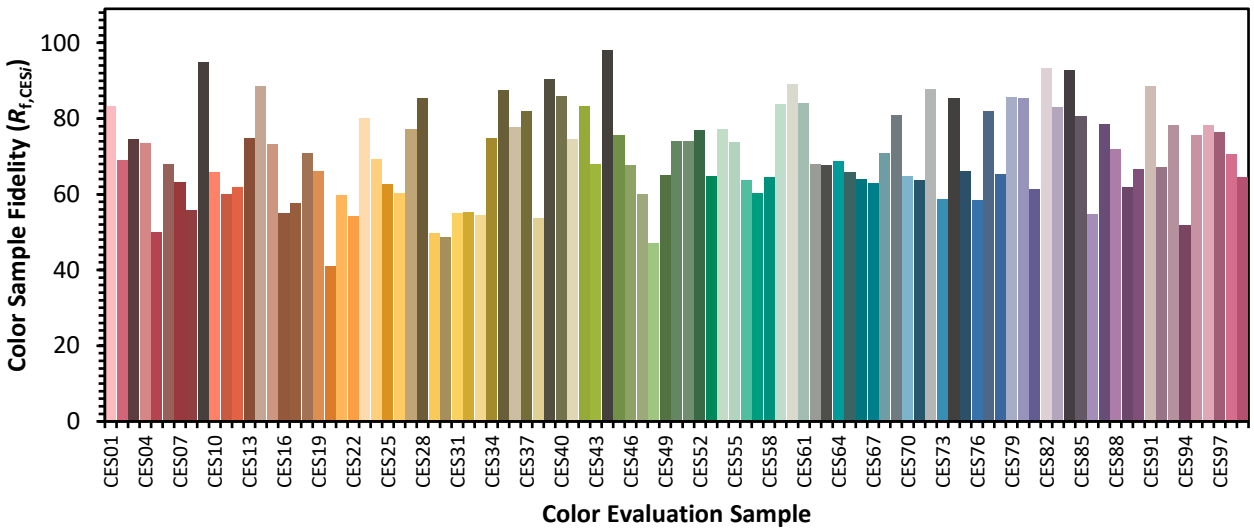


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Individual Sample Fidelity Index ($R_{f,i}$)

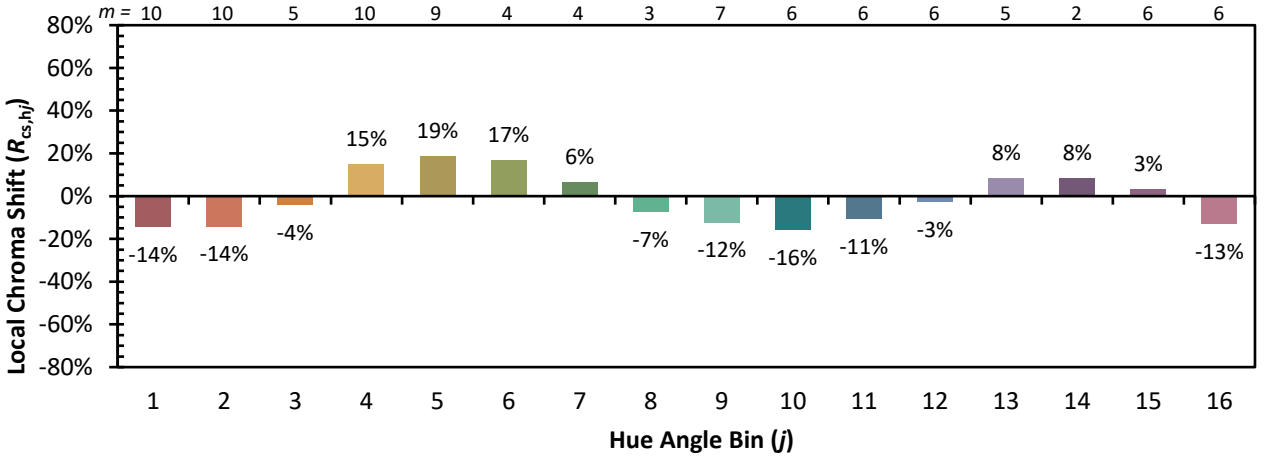
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

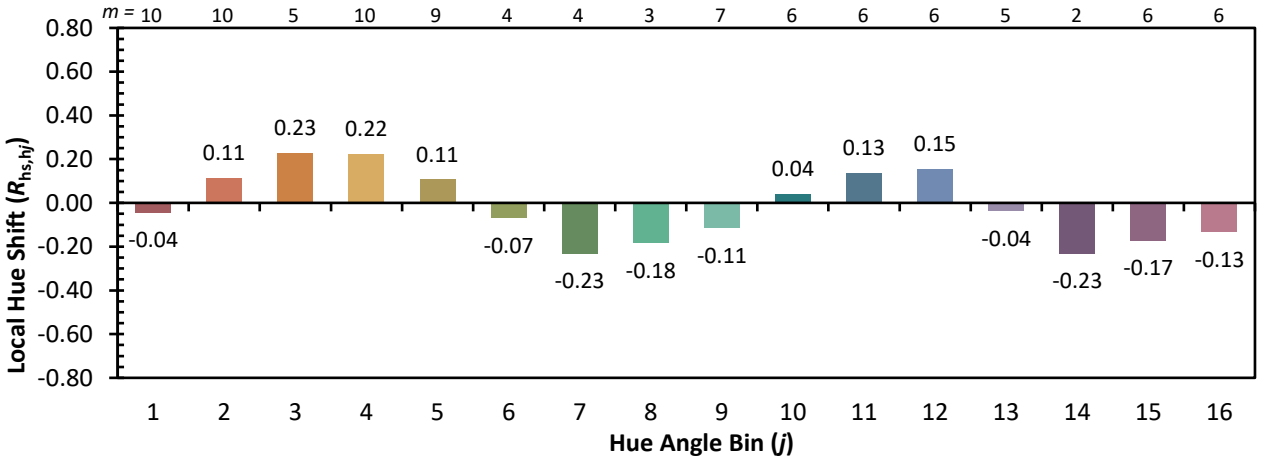


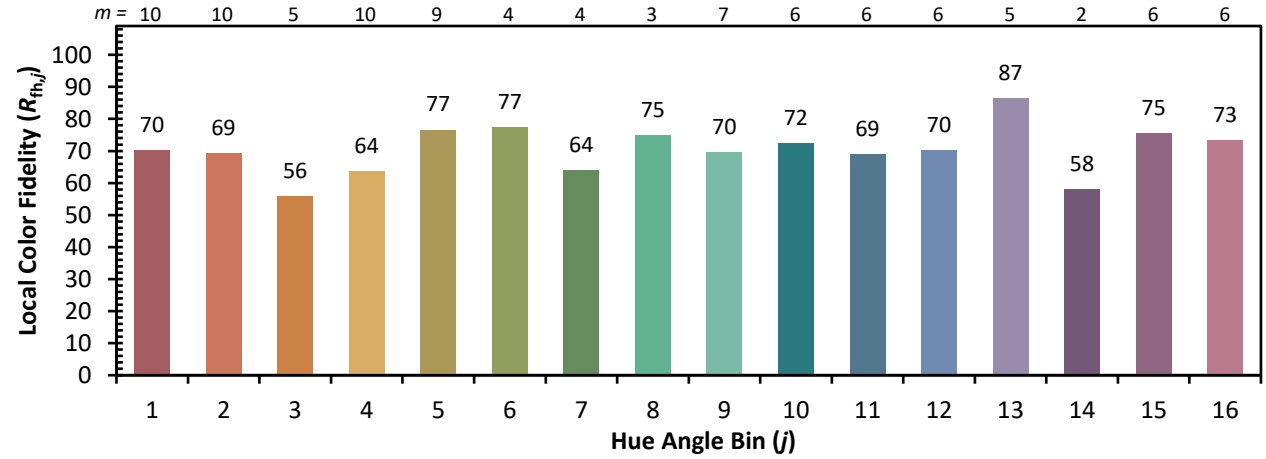
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Color Rendition by Hue-Angle Bin



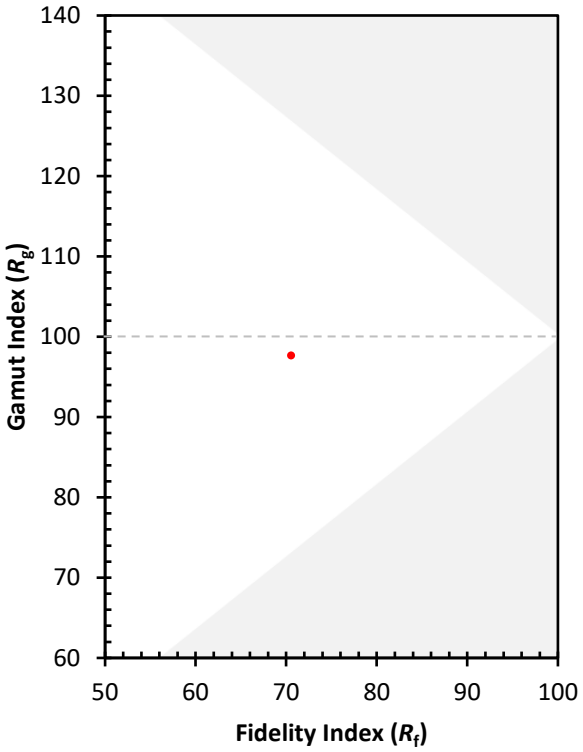


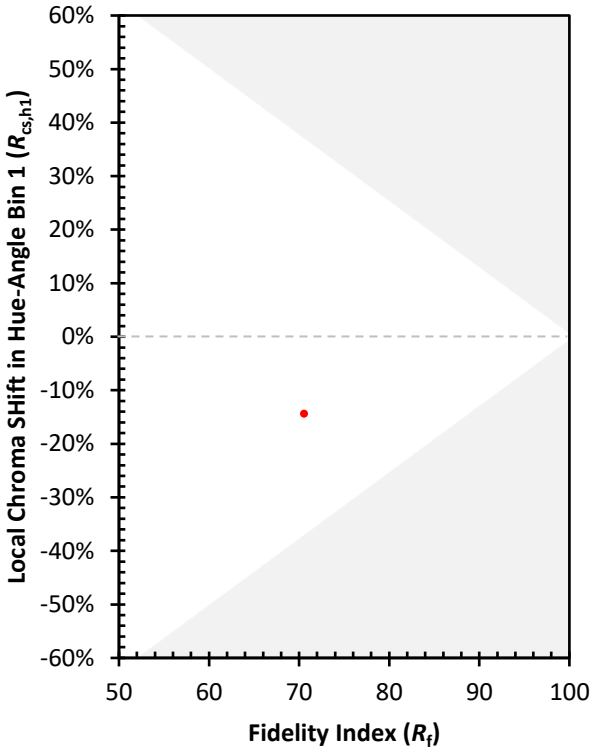


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Measure Comparisons





(END OF REPORT)