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: P1357628

Luminaire Tested: **GSS-SB4B-722-U-T4FT**

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:	P1357628
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-722-U-T4FT
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2200K FIXTURE w/ TYPE IV FORWARD THROW DISTRIBUTION OPTIC
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17149.6 lumens
Efficiency:	N/A
Efficacy:	115.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

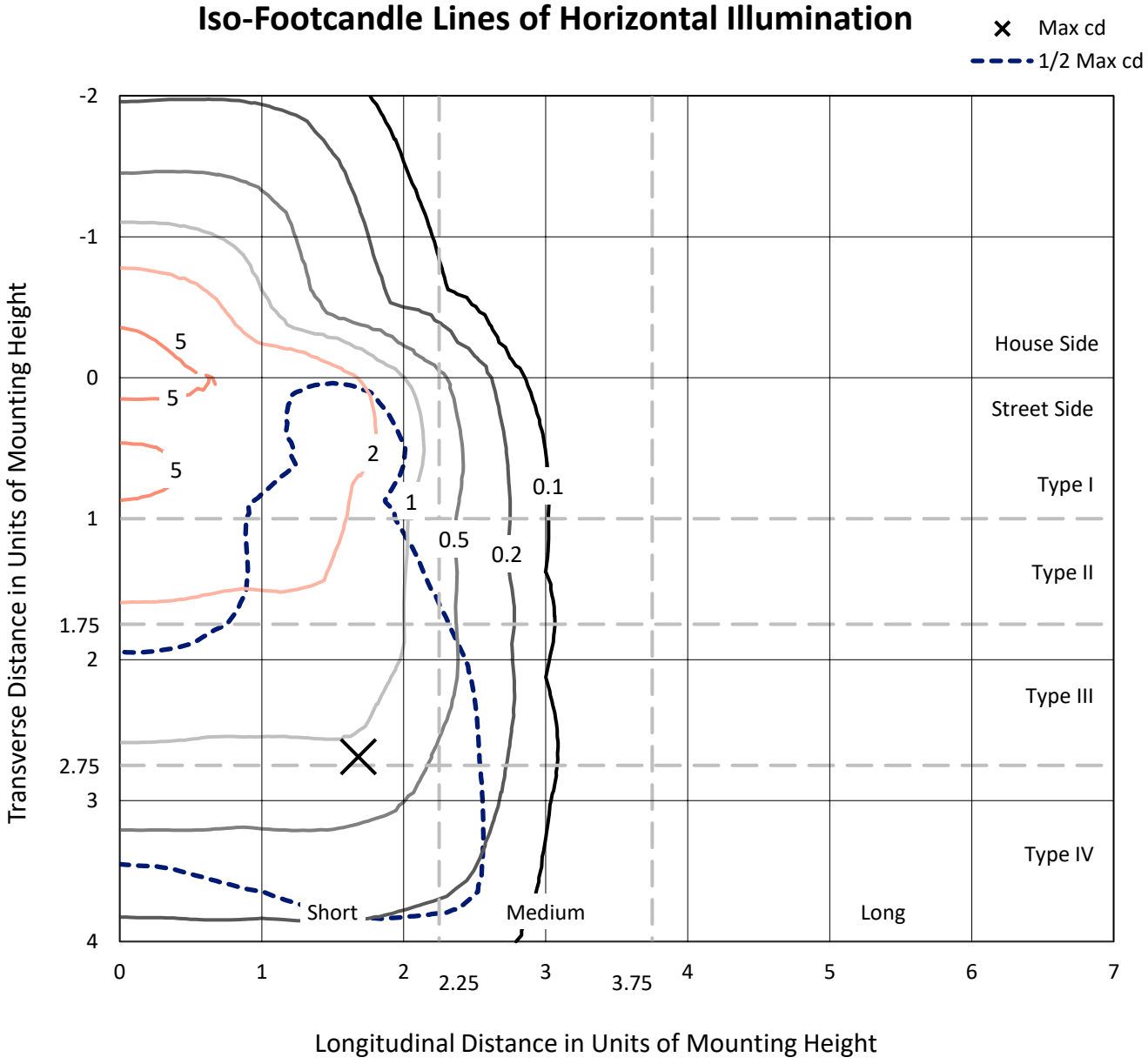
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1357628
CATALOG NUMBER: GSS-SB4B-722-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



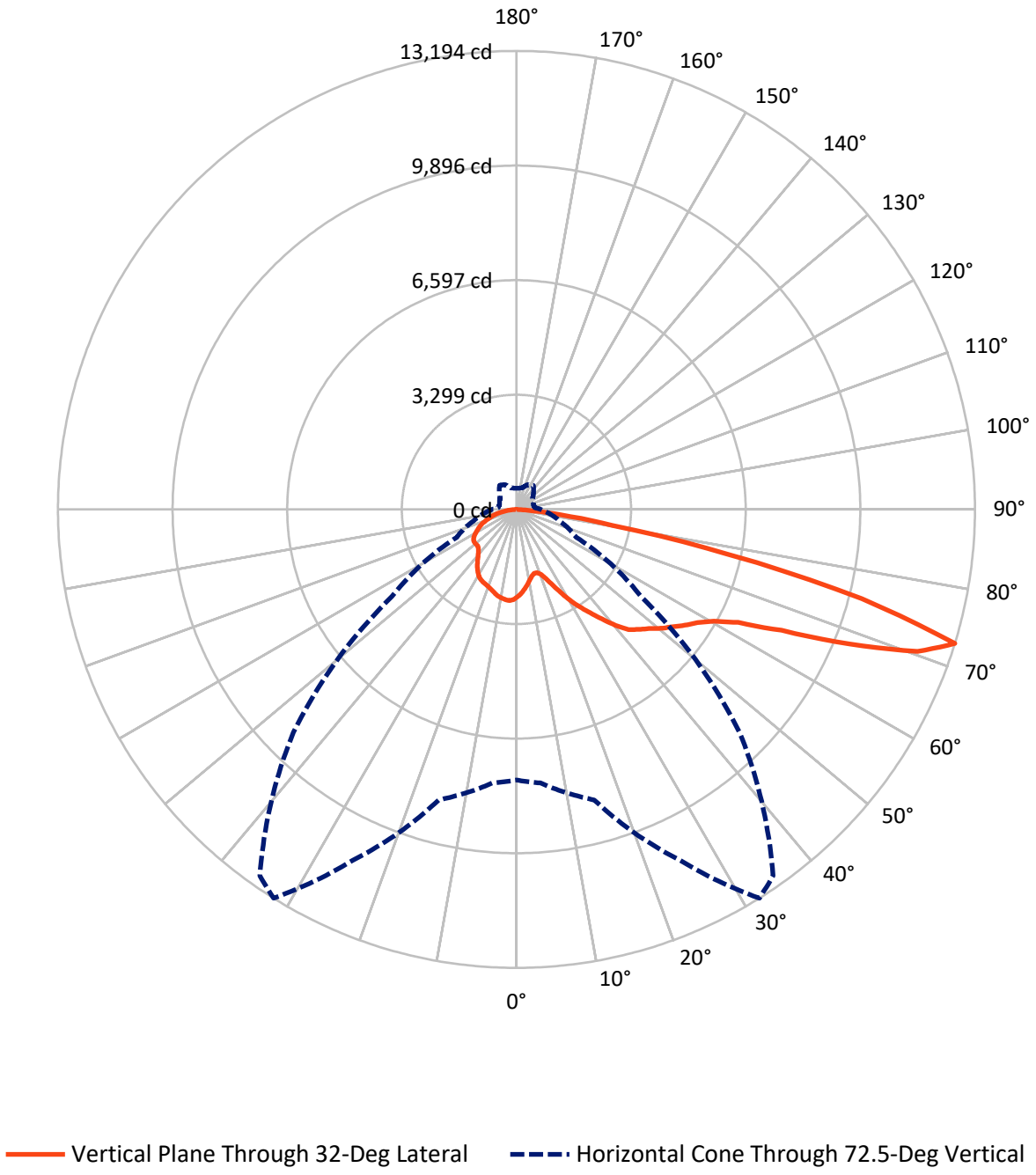
Based on 20 foot mounting height. Maximum calculated value = 6.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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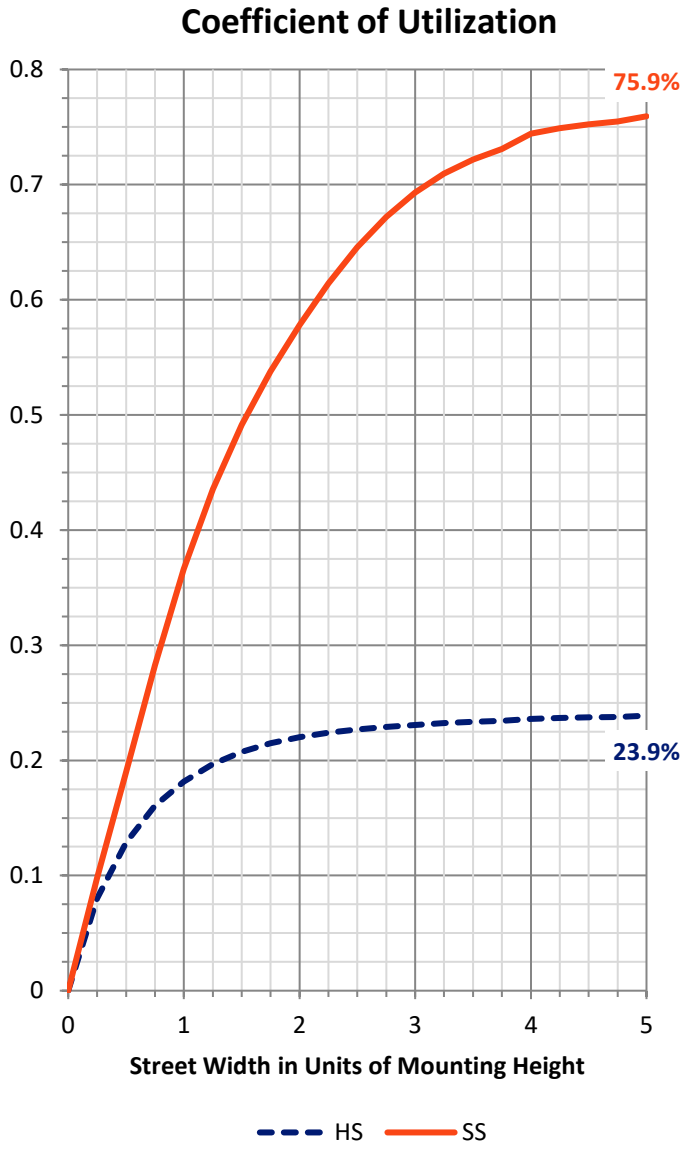
REPORT NUMBER: P1357628
CATALOG NUMBER: GSS-SB4B-722-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4135.9	0.0	4135.9
	% Fixture	24.1	0.0	24.1
Street Side	Lumens	13013.7	0.0	13013.7
	% Fixture	75.9	0.0	75.9
Total	Lumens	17149.6	0.0	17149.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.6	1.4
10°-20°	668.5	3.9
20°-30°	1158.3	6.8
30°-40°	1829.6	10.7
40°-50°	2666.6	15.5
50°-60°	3614.9	21.1
60°-70°	4160.3	24.3
70°-80°	2603.4	15.2
80°-90°	212.4	1.2
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°	17149.6	100.0
0°-180°	17149.6	100.0



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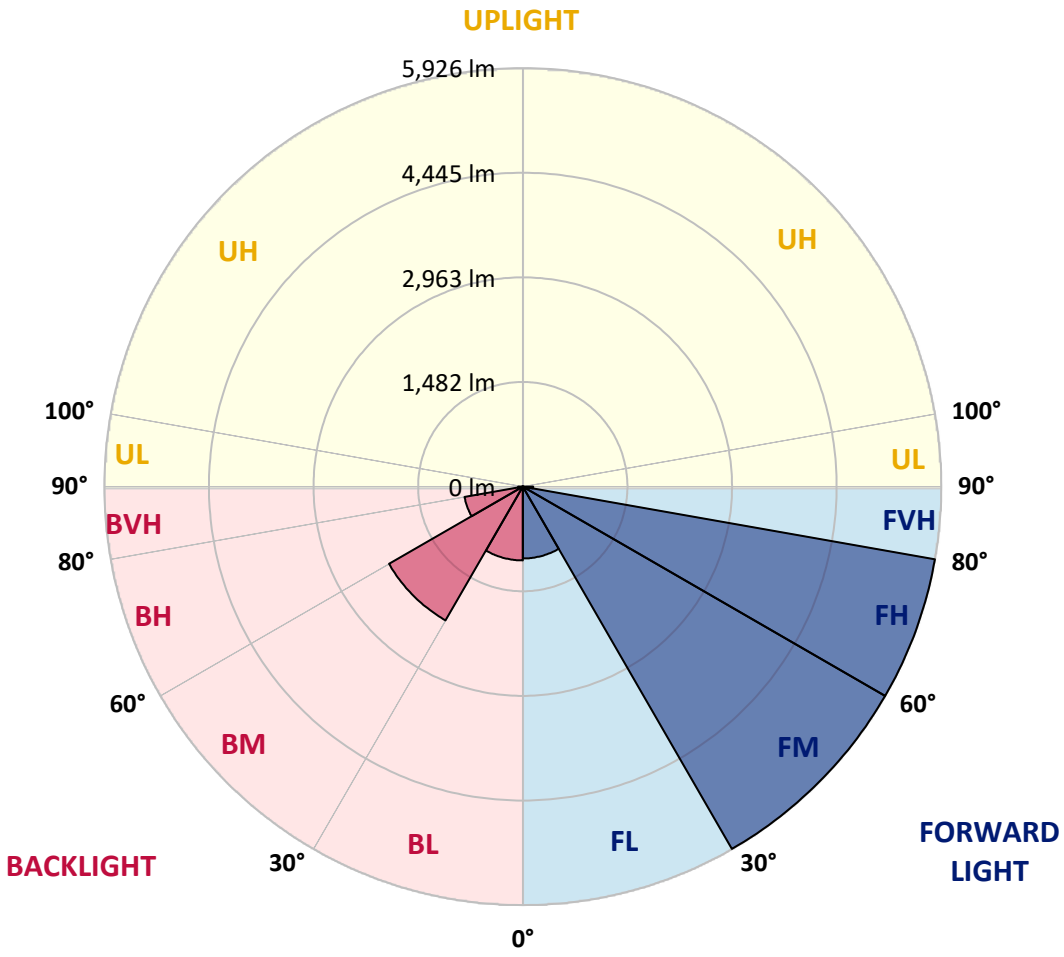
Scaled Data Report

REPORT NUMBER: P1357628
CATALOG NUMBER: GSS-SB4B-722-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1017.3	5.9			
FM	(30°-60°)	5924.1	34.5			
FH	(60°-80°)	5926.3	34.6			G3/7500
FVH	(80°-90°)	145.9	0.9			G2/225
BL	(0°-30°)	1045.1	6.1	B3/2500		
BM	(30°-60°)	2187.0	12.8	B2/2500		
BH	(60°-80°)	837.3	4.9	B2/1000		G2/1000
BVH	(80°-90°)	66.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Short



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REPORT NUMBER: P1357628
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0
2.5°	2412.6	2408.6	2428.4	2420.5	2436.2	2428.4	2428.4	2452.0	2471.7	2499.3	2519.0
5°	2278.6	2282.5	2278.6	2318.0	2318.0	2321.9	2353.5	2416.5	2463.8	2495.4	2515.1
7.5°	2105.1	2113.0	2128.8	2172.1	2199.7	2219.4	2278.6	2345.6	2424.4	2483.5	2554.5
10°	1963.2	1951.4	1986.8	2034.1	2073.6	2093.3	2191.8	2298.3	2404.7	2503.3	2562.4
12.5°	1860.7	1860.7	1880.4	1923.8	1967.1	1998.7	2109.0	2239.1	2381.1	2503.3	2613.6
15°	1841.0	1848.9	1856.7	1872.5	1911.9	1927.7	2034.1	2195.8	2353.5	2538.7	2649.1
17.5°	1908.0	1900.1	1892.2	1900.1	1915.9	1923.8	2002.6	2160.3	2337.7	2542.7	2668.8
20°	2089.3	2073.6	2061.7	2002.6	1990.8	1998.7	2030.2	2148.5	2341.6	2597.9	2751.6
22.5°	2341.6	2349.5	2302.2	2203.7	2156.4	2152.4	2113.0	2191.8	2365.3	2641.2	2822.6
25°	2704.3	2668.8	2621.5	2503.3	2404.7	2369.2	2286.4	2282.5	2416.5	2720.1	2925.1
27.5°	3070.9	3051.2	2976.3	2810.7	2700.4	2649.1	2499.3	2424.4	2491.4	2814.7	3043.3
30°	3480.9	3480.9	3358.7	3173.4	3027.6	2933.0	2755.6	2613.6	2617.6	2940.8	3212.8
32.5°	3902.7	3879.1	3760.8	3488.8	3342.9	3248.3	3011.8	2865.9	2818.6	3118.2	3445.4
35°	4206.3	4214.1	4103.8	3863.3	3654.4	3563.7	3350.8	3185.3	3078.8	3366.6	3741.1
37.5°	4482.2	4490.1	4423.1	4186.6	4001.3	3910.6	3670.1	3555.8	3394.2	3721.4	4095.9
40°	4620.2	4600.5	4580.8	4494.0	4387.6	4316.6	4068.3	3918.5	3776.6	4103.8	4482.2
42.5°	4722.7	4722.7	4691.1	4730.6	4730.6	4683.3	4490.1	4356.1	4214.1	4636.0	4892.2
45°	4840.9	4789.7	4789.7	4825.2	4923.7	4955.3	4971.0	4844.9	4714.8	5164.2	5337.7
47.5°	4963.2	4975.0	4943.4	4986.8	5124.8	5262.8	5467.8	5353.4	5211.5	5791.0	5842.3
50°	5116.9	5132.7	5132.7	5227.3	5381.0	5542.7	6047.2	5929.0	5692.5	6500.6	6398.1
52.5°	5156.3	5164.2	5282.5	5388.9	5613.6	5834.4	6626.7	6457.2	6204.9	7147.1	6883.0
55°	5085.4	5144.5	5357.4	5562.4	5885.6	6149.7	7178.6	6965.8	6579.4	7639.9	7265.4
57.5°	5247.0	5270.6	5467.8	5700.3	6149.7	6488.8	7722.7	7419.1	6839.6	8045.9	7419.1
60°	5590.0	5574.2	5747.6	6007.8	6528.2	6965.8	8310.0	7805.4	7056.4	8112.9	7115.6
62.5°	6358.7	6279.8	6342.9	6579.4	7162.9	7758.1	8913.2	8120.8	6922.4	7450.6	6090.6
65°	7399.4	7375.7	7336.3	7584.7	8384.9	8893.5	9666.1	8053.8	6252.2	6287.7	4896.1
67.5°	8329.7	8361.3	8337.6	8999.9	10344.2	10809.4	10466.4	7568.9	5180.0	4486.2	3149.8
70°	8688.5	8751.6	9169.4	10430.9	12244.3	12784.4	10829.1	6335.0	3587.3	2424.4	1549.3
72.5°	7789.7	7904.0	8656.9	11144.4	13194.3	12875.0	9078.8	4371.8	1892.2	1277.3	863.3
75°	5385.0	5503.2	6646.5	9346.8	10265.3	9741.0	5574.2	1884.3	977.7	745.1	532.2
77.5°	2113.0	2420.5	3169.5	5215.5	6291.7	6173.4	2641.2	650.5	544.0	453.3	346.9
80°	709.6	804.2	1178.7	2057.8	2791.0	2948.7	961.9	331.1	315.4	275.9	216.8
82.5°	256.2	287.8	504.6	776.6	1273.3	1281.2	311.4	177.4	193.2	165.6	114.3
85°	86.7	94.6	118.3	240.5	311.4	335.1	86.7	67.0	78.8	71.0	51.2
87.5°	7.9	7.9	7.9	11.8	11.8	11.8	11.8	15.8	15.8	11.8	11.8
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: P1357628
CATALOG NUMBER: GSS-SB4B-722-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0	2519.0
2.5°	2523.0	2534.8	2542.7	2558.4	2578.2	2582.1	2597.9	2601.8	2593.9	2601.8	2593.9
5°	2546.6	2566.3	2582.1	2605.8	2621.5	2641.2	2637.3	2625.5	2625.5	2605.8	2637.3
7.5°	2578.2	2605.8	2617.6	2641.2	2645.2	2633.4	2617.6	2613.6	2574.2	2574.2	2582.1
10°	2621.5	2645.2	2657.0	2664.9	2641.2	2621.5	2590.0	2570.3	2554.5	2538.7	2542.7
12.5°	2653.1	2676.7	2676.7	2649.1	2621.5	2590.0	2562.4	2523.0	2511.1	2491.4	2491.4
15°	2672.8	2712.2	2684.6	2641.2	2586.0	2542.7	2499.3	2463.8	2448.1	2444.1	2459.9
17.5°	2724.0	2743.7	2676.7	2601.8	2542.7	2483.5	2436.2	2408.6	2388.9	2385.0	2416.5
20°	2783.2	2767.4	2653.1	2558.4	2491.4	2412.6	2373.2	2365.3	2357.4	2381.1	2381.1
22.5°	2842.3	2814.7	2629.4	2523.0	2416.5	2361.3	2325.9	2349.5	2353.5	2369.2	2385.0
25°	2929.0	2862.0	2621.5	2467.8	2329.8	2290.4	2294.3	2325.9	2333.7	2333.7	2341.6
27.5°	3023.6	2940.8	2625.5	2385.0	2243.1	2231.3	2258.8	2270.7	2282.5	2270.7	2274.6
30°	3157.7	3023.6	2605.8	2290.4	2168.2	2187.9	2203.7	2199.7	2148.5	2136.6	2144.5
32.5°	3354.8	3137.9	2590.0	2215.5	2128.8	2128.8	2113.0	2065.7	2014.4	1967.1	1982.9
35°	3579.5	3279.9	2530.9	2156.4	2089.3	2073.6	2010.5	1931.6	1837.0	1781.8	1785.8
37.5°	3816.0	3410.0	2467.8	2089.3	2026.3	1986.8	1896.2	1774.0	1679.4	1624.2	1616.3
40°	4123.5	3555.8	2373.2	1998.7	1939.5	1876.5	1774.0	1639.9	1545.3	1502.0	1525.6
42.5°	4434.9	3725.3	2262.8	1872.5	1825.2	1785.8	1671.5	1541.4	1450.7	1423.1	1438.9
45°	4781.8	3898.8	2148.5	1722.7	1699.1	1691.2	1592.6	1490.1	1411.3	1371.9	1367.9
47.5°	5136.6	4080.1	1990.8	1588.7	1576.9	1628.1	1553.2	1466.5	1399.5	1336.4	1332.4
50°	5534.8	4257.5	1777.9	1419.2	1474.4	1592.6	1565.0	1470.4	1356.1	1257.5	1241.8
52.5°	5889.6	4320.6	1553.2	1285.1	1395.5	1596.6	1576.9	1446.8	1297.0	1178.7	1162.9
55°	6130.0	4214.1	1360.0	1166.9	1336.4	1569.0	1561.1	1411.3	1237.8	1111.7	1095.9
57.5°	6145.8	3902.7	1174.8	1068.3	1241.8	1490.1	1513.8	1340.3	1147.2	1040.7	1028.9
60°	5767.4	3390.2	1025.0	981.6	1139.3	1387.6	1427.1	1241.8	1064.4	950.1	942.2
62.5°	4919.8	2712.2	883.0	887.0	1040.7	1249.7	1324.6	1159.0	981.6	871.2	859.4
65°	3914.5	2073.6	784.5	804.2	914.6	1115.6	1229.9	1076.2	898.8	792.4	776.6
67.5°	2629.4	1431.0	678.0	717.5	792.4	977.7	1135.3	989.5	796.3	709.6	697.8
70°	1253.6	831.8	583.4	630.7	678.0	827.8	997.4	867.3	713.5	642.6	638.6
72.5°	*697.8*	*532.2*	*504.6*	*540.1*	*567.7*	*693.8*	*843.6*	*784.5*	*638.6*	*611.0*	*607.1*
75°	445.5	378.4	402.1	445.5	461.2	548.0	729.3	701.7	575.6	591.3	591.3
77.5°	275.9	260.2	307.5	346.9	358.7	449.4	599.2	595.3	480.9	473.1	417.9
80°	177.4	173.5	220.8	224.7	244.4	343.0	477.0	457.3	362.7	331.1	311.4
82.5°	94.6	98.6	134.0	141.9	138.0	208.9	327.2	323.3	268.1	232.6	220.8
85°	35.5	35.5	51.2	63.1	67.0	106.4	173.5	177.4	145.9	110.4	114.3
87.5°	7.9	7.9	7.9	11.8	11.8	23.7	31.5	35.5	39.4	19.7	11.8
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

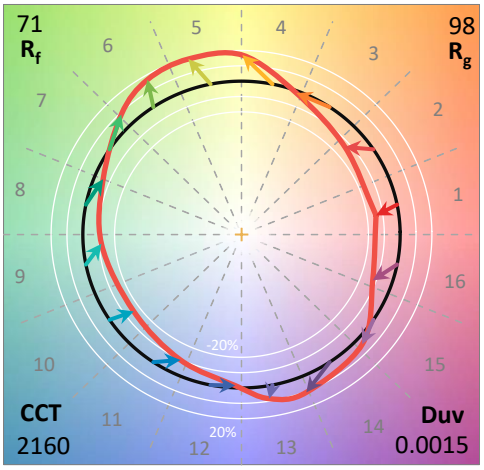
Test Information

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

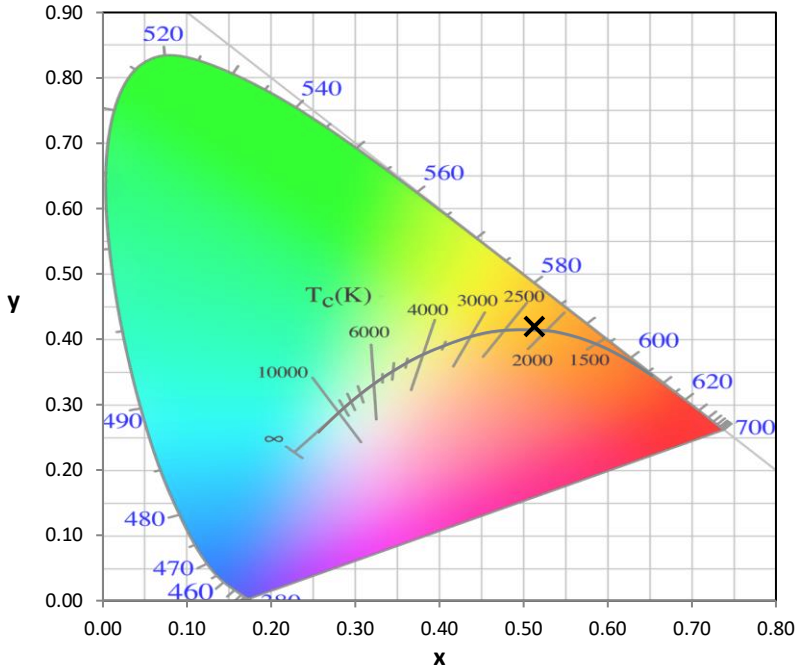
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

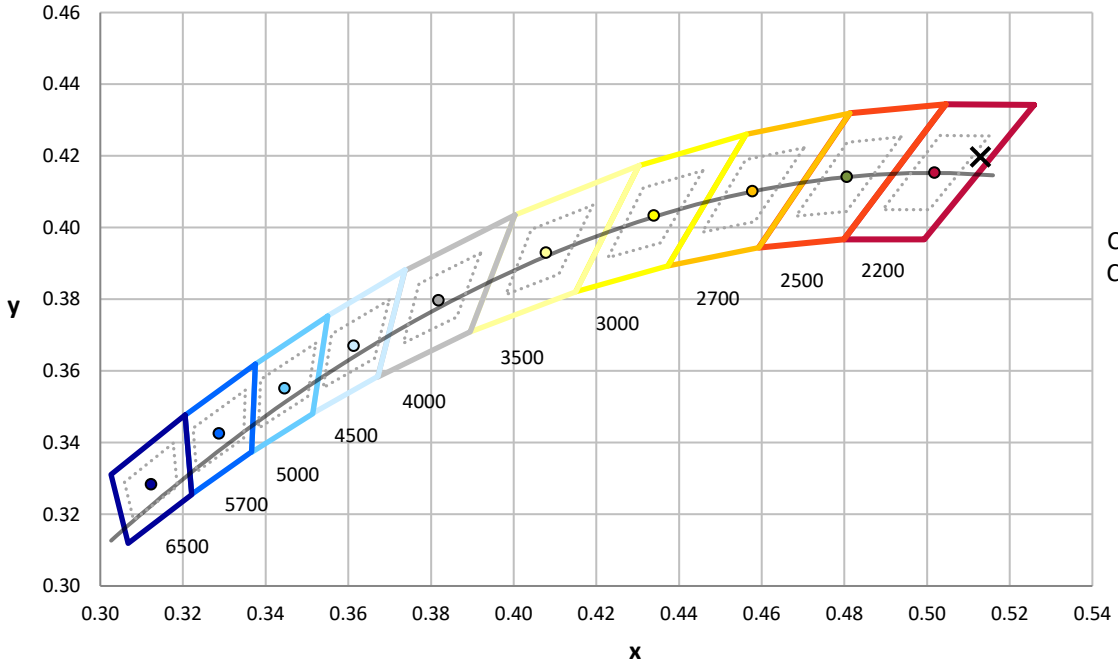
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

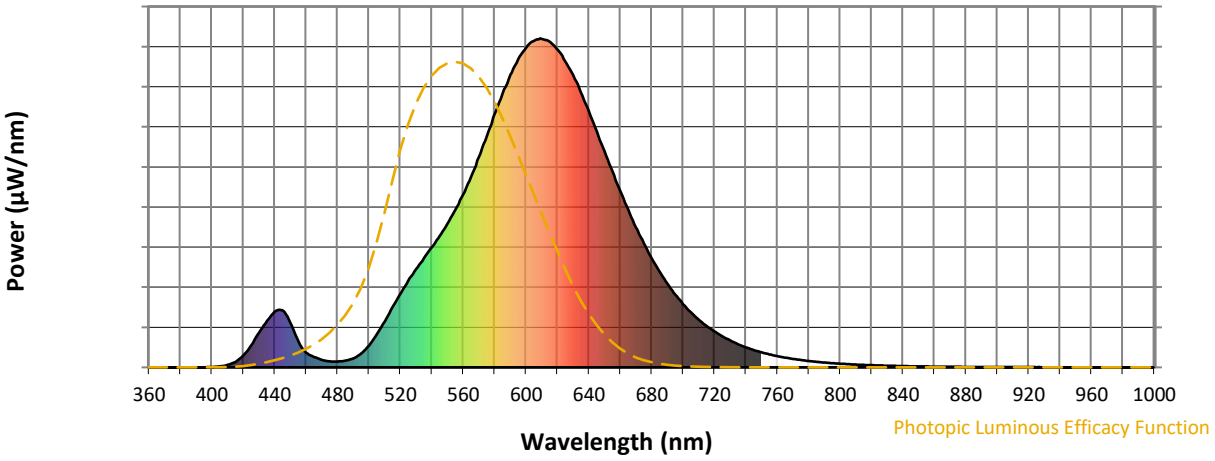


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

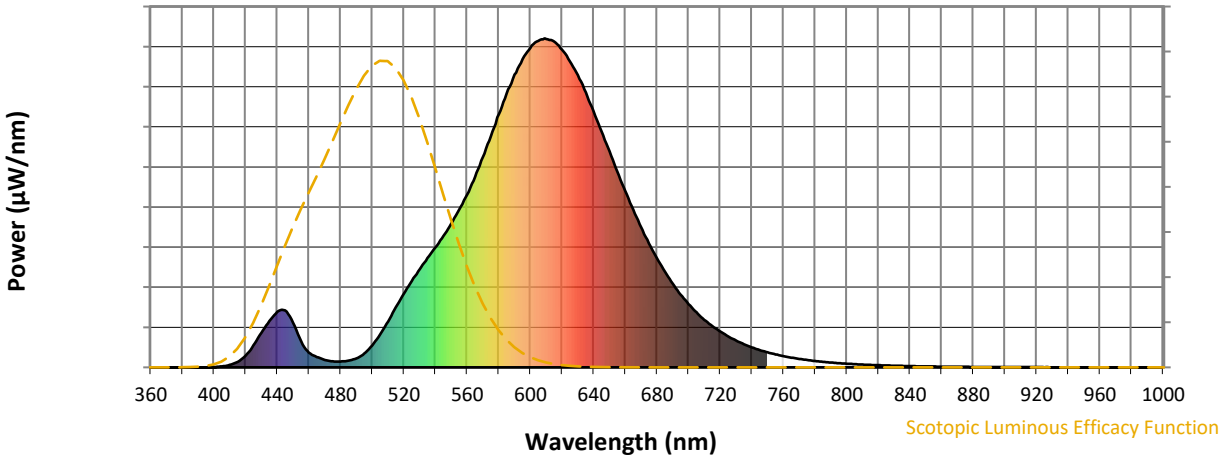


Photopic Lumens: NR

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

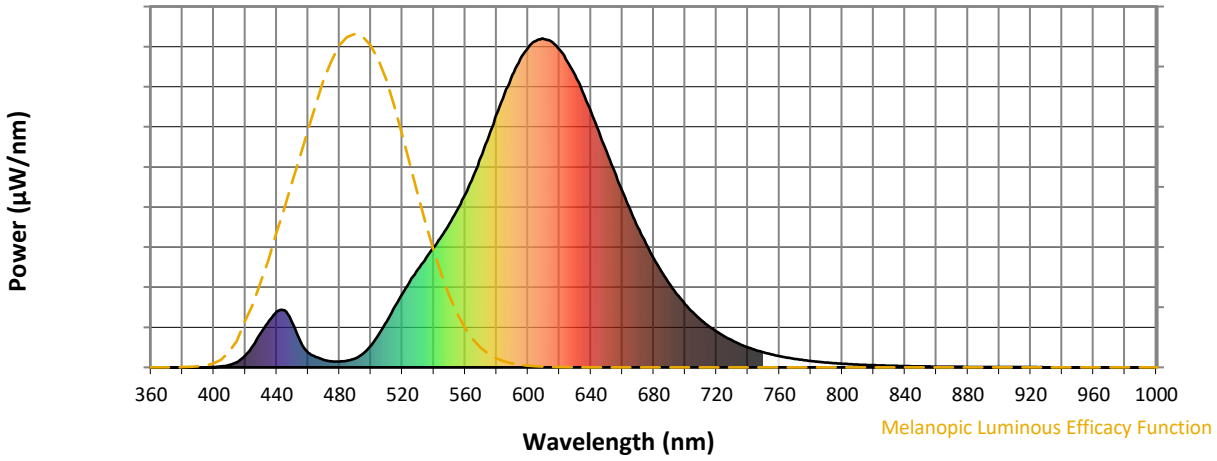


Scotopic Lumens: NR **S/P: 0.8**

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			

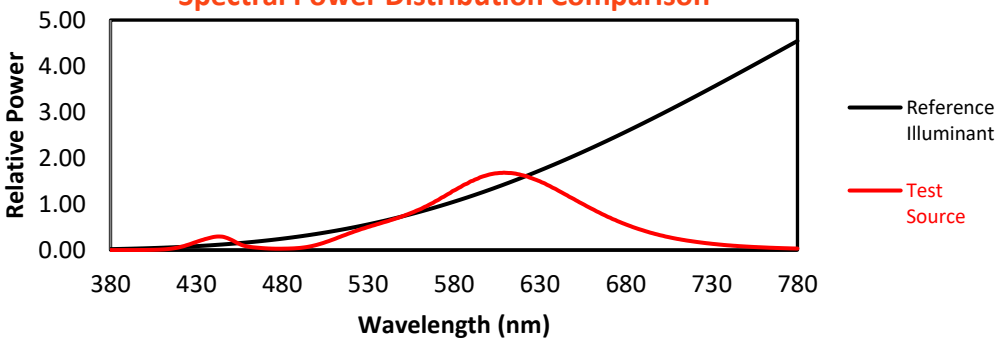
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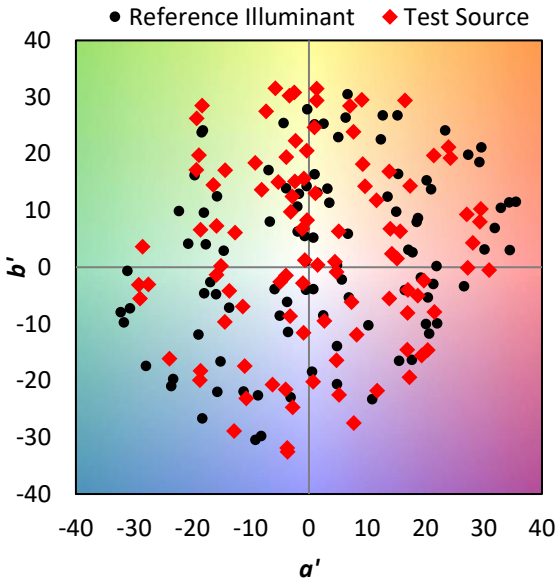
Summary

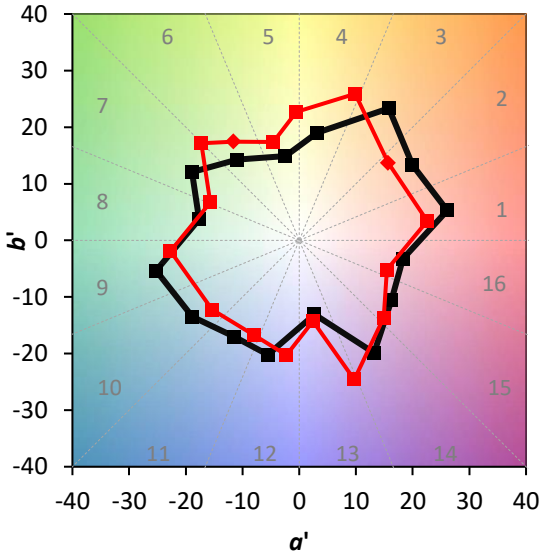
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

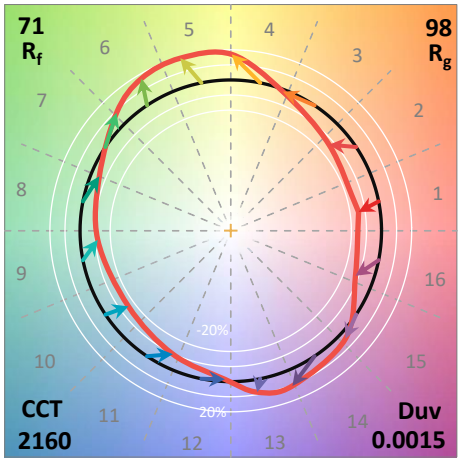
Spectral Power Distribution Comparison

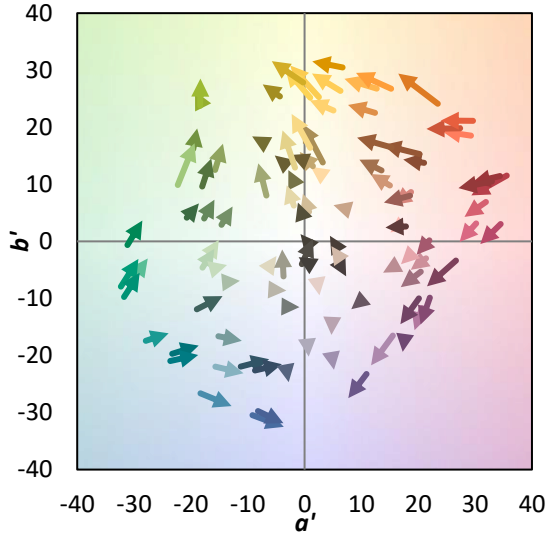


Color Vector Graphics







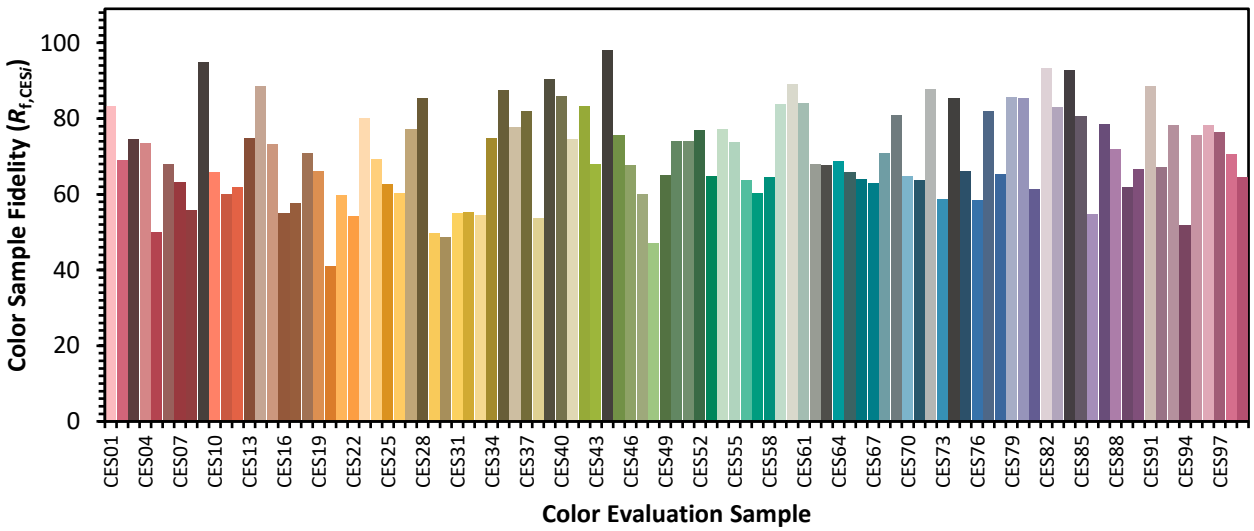


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Individual Sample Fidelity Index ($R_{f,i}$)

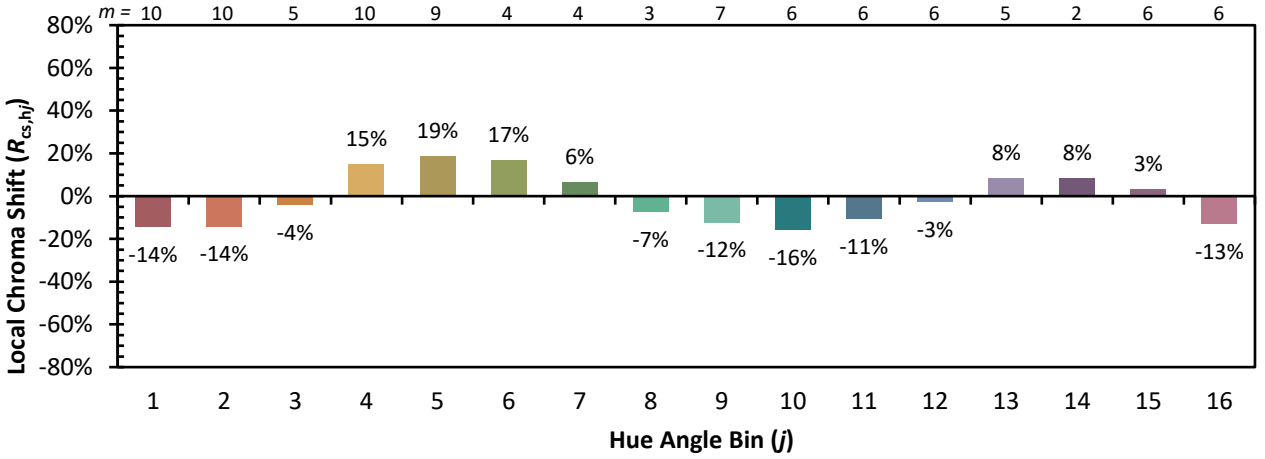
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

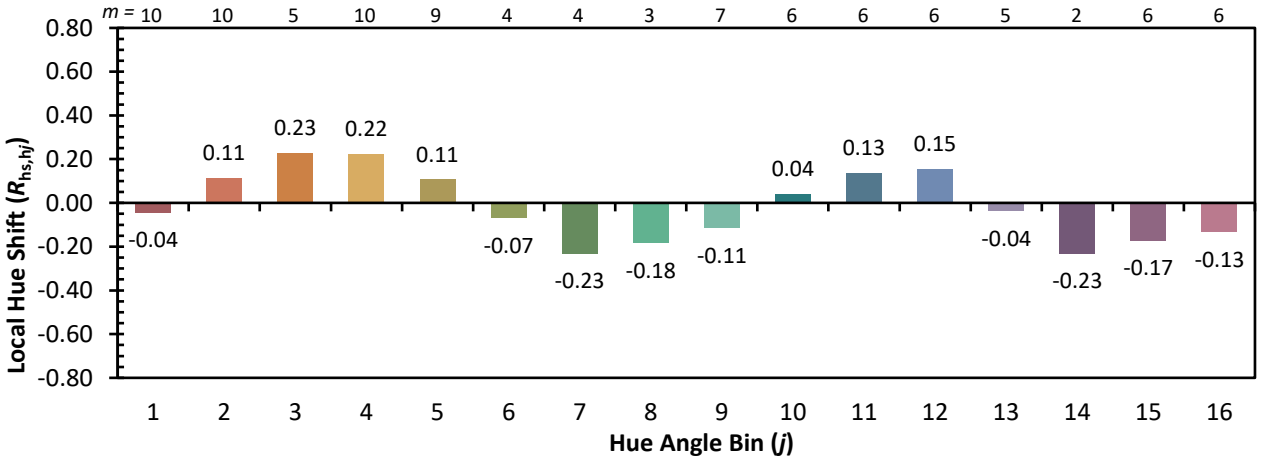


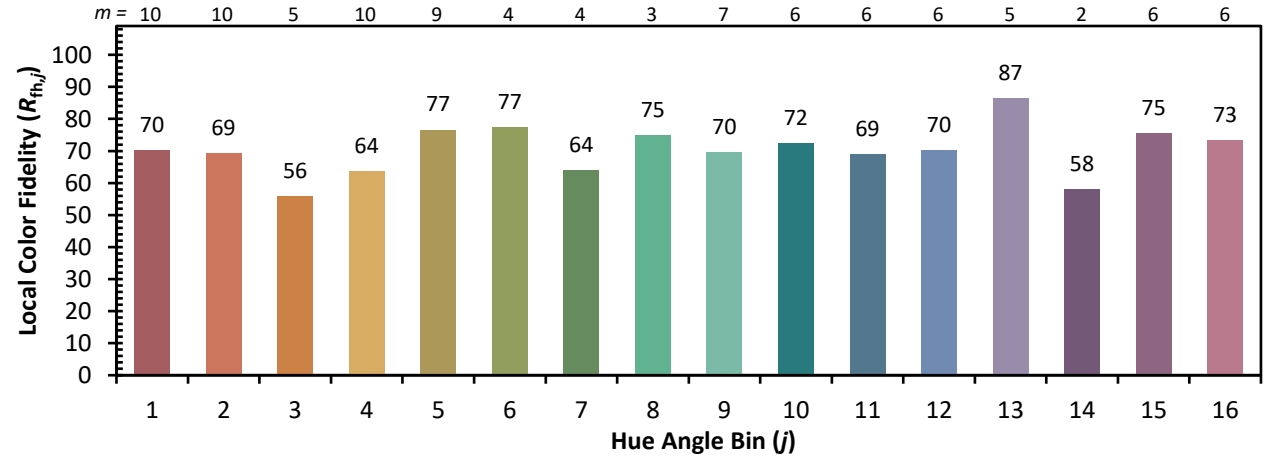
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Color Rendition by Hue-Angle Bin



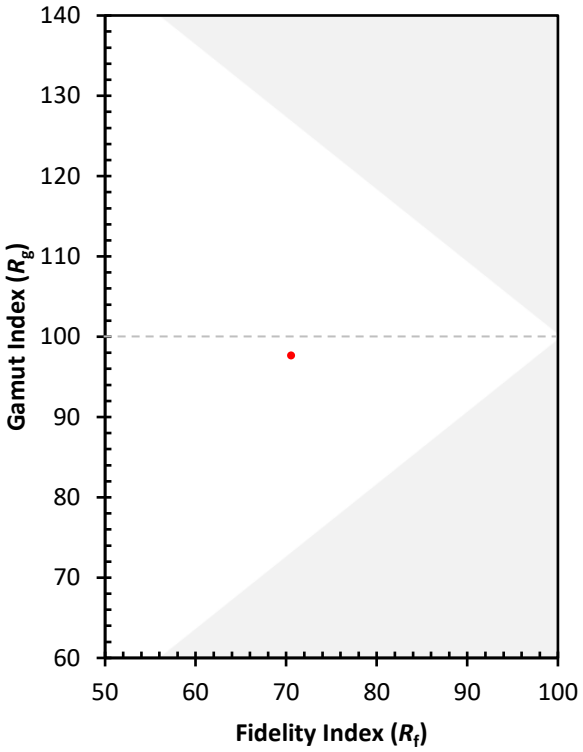


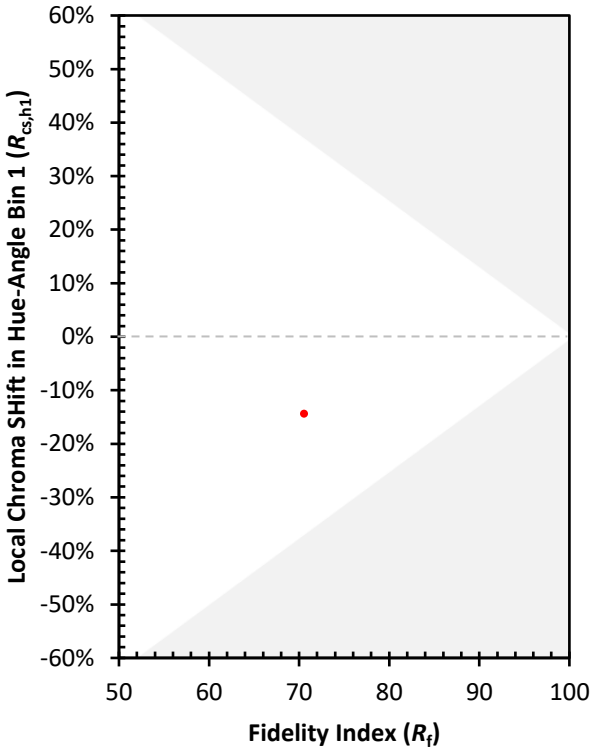


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Measure Comparisons





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