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: P1500978

Luminaire Tested: GSS-SB4B-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:	P1500978
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-722-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2200K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18514.6 lumens
Efficiency:	N/A
Efficacy:	125.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

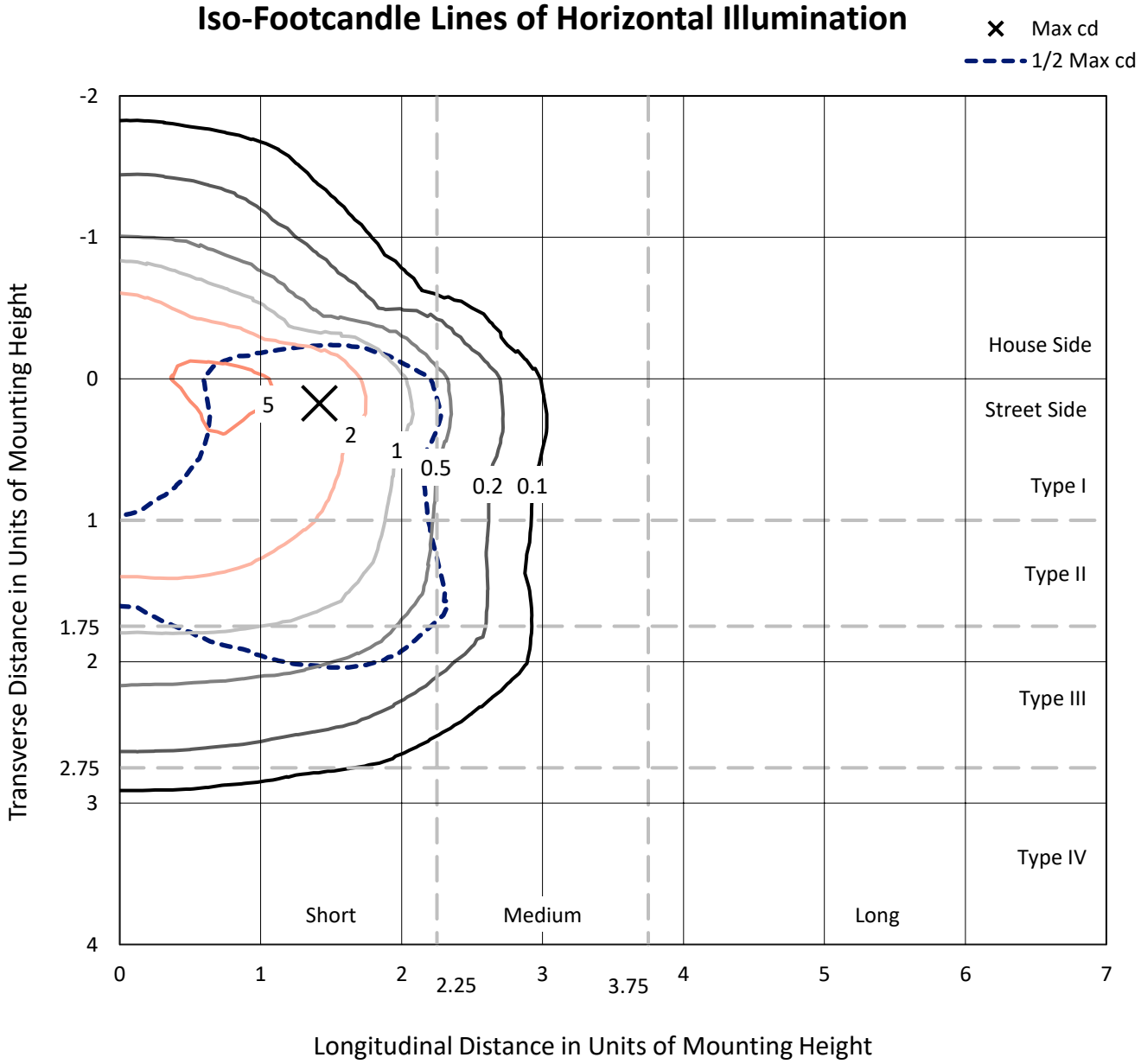
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500978
CATALOG NUMBER: GSS-SB4B-722-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



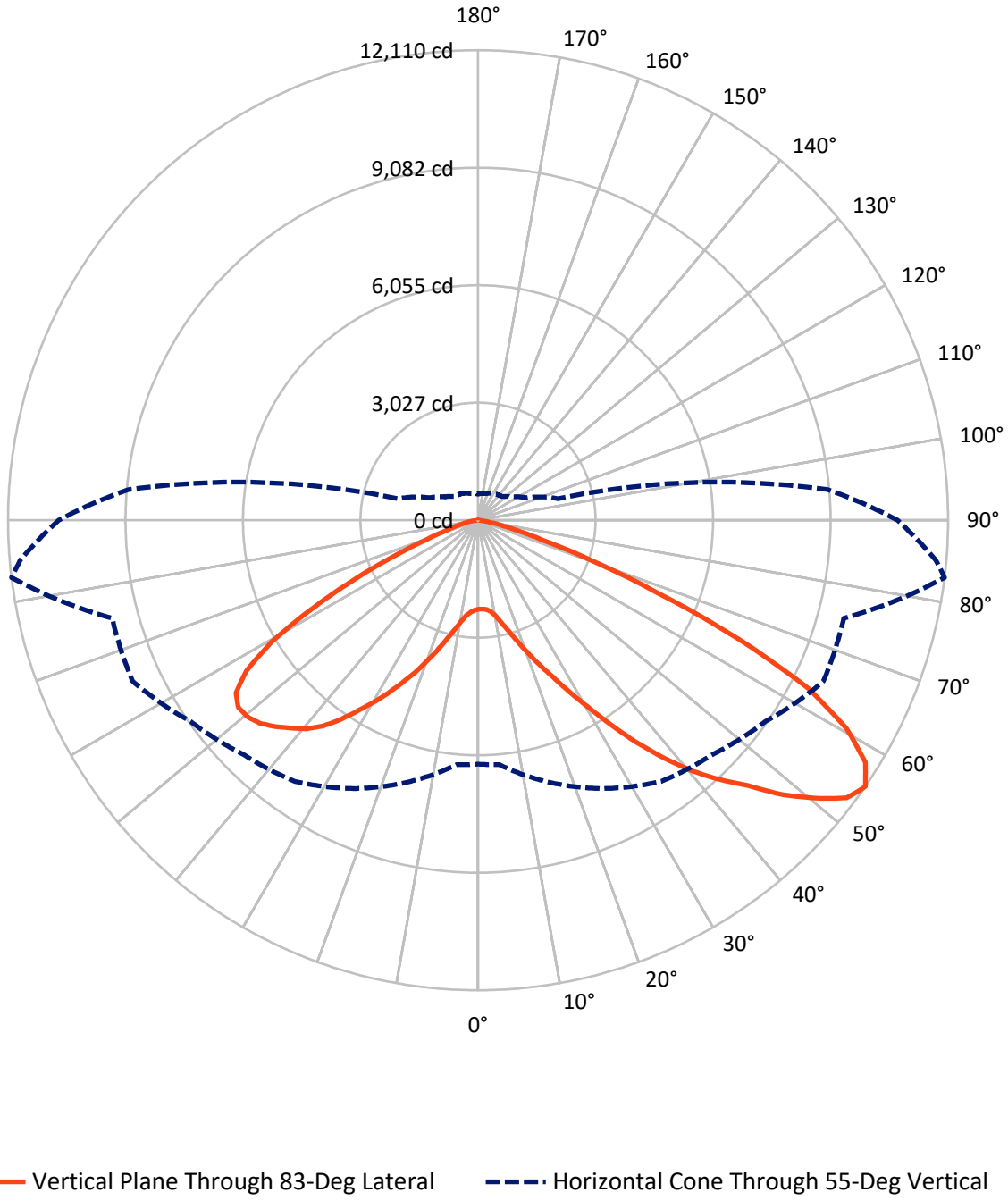
Based on 25 foot mounting height. Maximum calculated value = 6.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1500978
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Luminous Intensity Polar Plot



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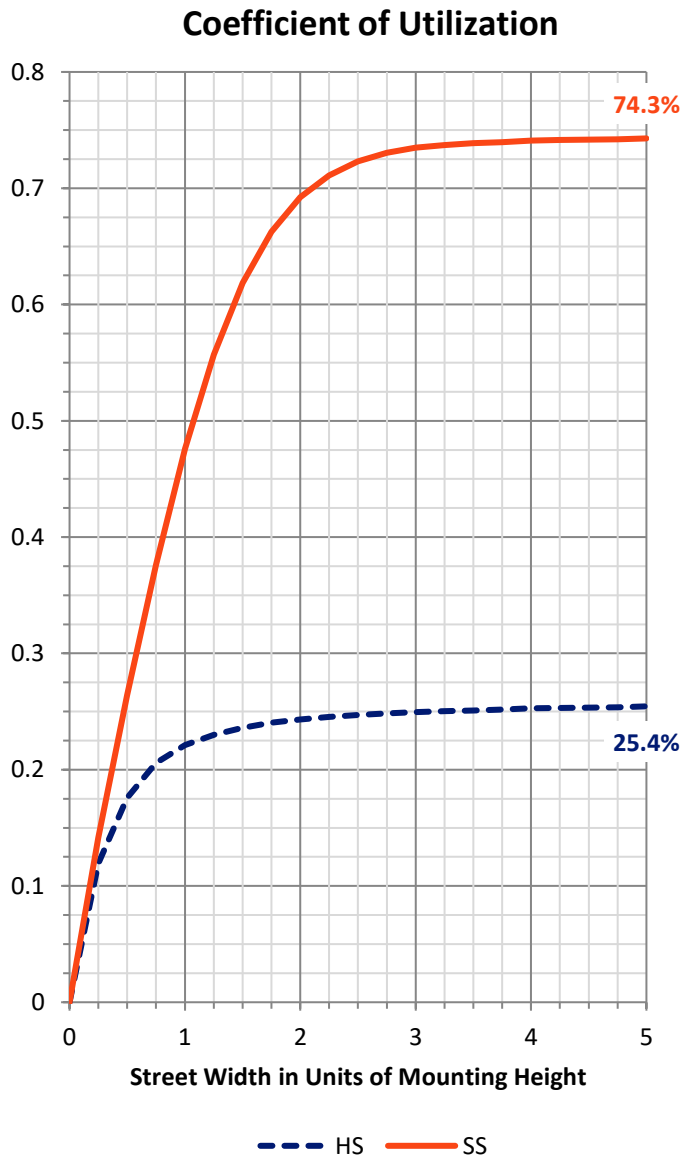
REPORT NUMBER: P1500978
CATALOG NUMBER: GSS-SB4B-722-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4751.2	0.0	4751.2
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	13763.4	0.0	13763.4
	% Fixture	74.3	0.0	74.3
Total	Lumens	18514.6	0.0	18514.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.5	1.2
10°-20°	721.4	3.9
20°-30°	1444.3	7.8
30°-40°	2569.6	13.9
40°-50°	3872.2	20.9
50°-60°	4718.6	25.5
60°-70°	3815.6	20.6
70°-80°	1045.1	5.6
80°-90°	106.4	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°	18514.6	100.0
0°-180°	18514.6	100.0



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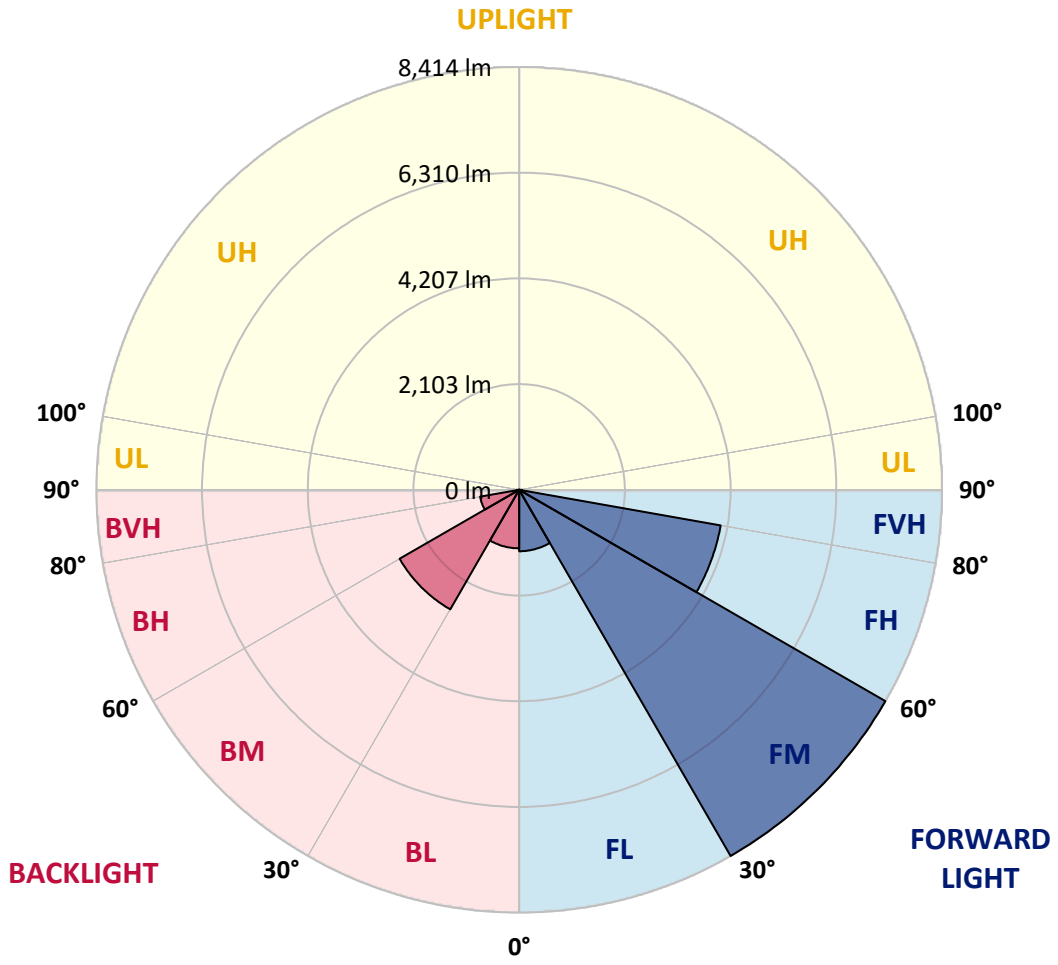
Scaled Data Report

REPORT NUMBER: P1500978
CATALOG NUMBER: GSS-SB4B-722-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1222.5	6.6			
FM	(30°-60°)	8413.6	45.4			
FH	(60°-80°)	4071.8	22.0			G2/5000
FVH	(80°-90°)	55.4	0.3			G1/100
BL	(0°-30°)	1164.6	6.3	B3/2500		
BM	(30°-60°)	2746.7	14.8	B3/5000		
BH	(60°-80°)	788.8	4.3	B2/1000		G2/1000
BVH	(80°-90°)	51.0	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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REPORT NUMBER: P1500978
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	*2291.9*	2291.9
2.5°	2226.1	2222.0	2217.8	2213.7	2222.0	2234.3	2246.7	2254.9	2275.5	*2291.9*	2283.7
5°	2049.1	2040.9	2049.1	2082.1	2110.9	2160.2	2209.6	2242.5	2287.8	*2308.4*	2316.6
7.5°	1892.8	1884.6	1892.8	1933.9	1983.3	2061.5	2164.4	2246.7	2328.9	*2378.3*	2386.6
10°	1892.8	1896.9	1896.9	1913.4	1938.0	2016.2	2139.7	2296.0	2440.0	*2510.0*	2526.5
12.5°	1954.5	1954.5	1954.5	1975.1	1991.5	2053.3	2193.2	2386.6	2617.0	*2719.8*	2732.2
15°	2036.8	2032.7	2045.0	2057.4	2086.2	2147.9	2287.8	2518.2	2810.4	*2966.7*	2983.2
17.5°	2152.0	2143.8	2156.1	2184.9	2226.1	2296.0	2435.9	2699.3	3077.8	*3275.3*	3300.0
20°	2279.6	2275.5	2300.1	2345.4	2403.0	2489.4	2649.9	2917.4	3382.3	*3633.3*	3678.6
22.5°	2431.8	2423.6	2468.8	2551.1	2629.3	2728.1	2921.5	3201.3	3732.1	*4032.5*	4077.7
25°	2604.6	2604.6	2666.4	2765.1	2884.4	3061.4	3254.8	3563.4	4143.6	*4464.5*	4534.5
27.5°	2888.6	2909.1	2933.8	3036.7	3205.4	3444.0	3649.8	3999.5	4592.1	*4995.3*	5020.0
30°	3349.4	3341.2	3382.3	3452.3	3592.2	3843.2	4151.8	4526.2	5159.9	*5583.7*	5645.4
32.5°	3765.0	3777.3	3834.9	3966.6	4135.3	4349.3	4719.6	5180.5	5777.1	*6266.8*	6295.6
35°	4184.7	4192.9	4304.0	4501.5	4752.5	4991.2	5394.4	5847.1	6447.8	*7028.0*	7106.2
37.5°	4773.1	4764.9	4876.0	5044.7	5382.1	5752.4	6077.5	6509.5	7089.7	*7768.6*	7859.2
40°	5213.4	5258.6	5468.5	5682.5	5999.3	6382.0	6657.7	7065.0	7616.4	*8492.8*	8575.1
42.5°	5666.0	5703.0	5982.8	6303.8	6637.1	6896.3	7110.3	7488.8	8036.1	*9134.7*	9180.0
45°	6040.5	6089.8	6410.8	6818.1	7163.8	7427.1	7501.2	7855.1	8464.0	*9752.0*	9821.9
47.5°	6279.1	6332.6	6711.2	7188.5	7542.3	7822.1	7797.4	8295.3	8920.8	*10570.8*	10546.1
50°	6443.7	6476.6	6888.1	7398.3	7859.2	8044.3	8151.3	8793.2	9389.9	*11258.0*	11167.4
52.5°	6563.0	6616.5	6991.0	7550.6	8036.1	8278.9	8566.9	9369.3	9714.9	*11887.5*	11685.9
55°	*6283.2*	*6324.4*	*6982.7*	*7628.7*	*8217.2*	*8538.1*	*9040.1*	*9817.8*	*9756.1*	*12109.7*	*11838.1*
57.5°	5995.2	6028.1	6637.1	7608.2	8414.7	8859.1	9579.1	9875.4	9389.9	*11768.2*	11426.7
60°	5633.1	5657.8	6266.8	7390.1	8418.8	9110.1	9854.8	9455.7	8710.9	*10908.2*	10583.1
62.5°	4966.5	4966.5	5637.2	6801.7	8213.0	9237.6	9780.8	8661.5	7801.6	*9554.4*	9105.9
65°	4308.1	4279.3	4732.0	5752.4	7665.8	9204.7	9225.3	7657.5	6390.2	*7369.5*	7019.8
67.5°	3592.2	3596.3	3863.7	4670.2	6209.2	8517.5	8052.6	5917.0	4452.2	*4962.4*	4781.3
70°	2431.8	2493.5	2765.1	3390.6	4682.6	6036.3	6410.8	4007.8	2777.5	*3081.9*	2933.8
72.5°	925.8	938.2	1255.0	1777.6	2958.5	3629.2	4472.7	2242.5	1625.3	*1699.4*	1707.6
75°	390.9	407.4	534.9	748.9	1312.6	1979.2	2353.6	1135.7	987.5	*1016.3*	1008.1
77.5°	263.3	271.6	325.1	403.2	592.5	794.1	983.4	641.9	604.9	*567.8*	551.4
80°	197.5	197.5	234.5	271.6	333.3	407.4	427.9	325.1	362.1	*300.4*	292.1
82.5°	127.6	135.8	148.1	160.5	189.3	201.6	172.8	176.9	209.9	*156.4*	148.1
85°	61.7	65.8	70.0	74.1	74.1	70.0	61.7	78.2	107.0	*65.8*	61.7
87.5°	8.2	8.2	8.2	8.2	8.2	8.2	4.1	4.1	4.1	*4.1*	4.1
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: P1500978
CATALOG NUMBER: GSS-SB4B-722-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9	2291.9
2.5°	2296.0	2312.5	2324.8	2333.1	2353.6	2349.5	2361.9	2370.1	2378.3	2390.7	2374.2
5°	2337.2	2366.0	2398.9	2423.6	2448.3	2460.6	2464.7	2473.0	2477.1	2485.3	2481.2
7.5°	2427.7	2460.6	2510.0	2534.7	2555.3	2555.3	2542.9	2538.8	2526.5	2534.7	2534.7
10°	2579.9	2629.3	2682.8	2686.9	2662.2	2633.4	2588.2	2563.5	2530.6	2522.3	2514.1
12.5°	2802.1	2868.0	2909.1	2880.3	2793.9	2686.9	2567.6	2456.5	2370.1	2333.1	2324.8
15°	3053.1	3135.4	3143.7	3061.4	2905.0	2645.8	2394.8	2271.3	2226.1	2226.1	2222.0
17.5°	3398.8	3456.4	3423.5	3226.0	2876.2	2452.4	2271.3	2250.8	2263.1	2279.6	2279.6
20°	3760.9	3826.7	3690.9	3341.2	2699.3	2337.2	2283.7	2300.1	2328.9	2345.4	2341.3
22.5°	4192.9	4225.8	3962.5	3345.3	2510.0	2308.4	2308.4	2328.9	2349.5	2374.2	2374.2
25°	4637.3	4625.0	4213.5	3193.0	2403.0	2300.1	2291.9	2308.4	2316.6	2328.9	2324.8
27.5°	5135.2	5069.4	4406.9	2950.3	2370.1	2275.5	2234.3	2217.8	2226.1	2238.4	2242.5
30°	5707.2	5550.8	4563.3	2798.0	2357.8	2217.8	2119.1	2073.8	2065.6	2082.1	2082.1
32.5°	6369.6	6032.2	4657.9	2777.5	2345.4	2115.0	1983.3	1896.9	1880.4	1888.7	1909.2
35°	7048.6	6612.4	4633.2	2830.9	2349.5	2032.7	1839.3	1724.1	1707.6	1715.9	1736.4
37.5°	7760.4	7163.8	4538.6	2913.2	2316.6	1921.6	1707.6	1567.7	1543.0	1559.5	1567.7
40°	8311.8	7628.7	4304.0	2946.2	2259.0	1781.7	1555.4	1436.0	1370.2	1366.1	1386.7
42.5°	8822.0	7995.0	4048.9	2892.7	2139.7	1633.6	1399.0	1279.7	1176.8	1098.6	1098.6
45°	9332.3	8365.3	3789.7	2740.4	1942.2	1477.2	1234.4	1073.9	954.6	897.0	901.1
47.5°	9842.5	8723.3	3481.1	2510.0	1744.7	1312.6	1057.5	929.9	847.6	802.4	802.4
50°	10315.7	8982.5	3086.1	2143.8	1518.3	1148.0	934.0	860.0	798.3	757.1	748.9
52.5°	10731.3	9155.3	2551.1	1699.4	1271.5	962.9	868.2	810.6	765.3	720.1	707.7
55°	*10805.3*	*9040.1*	*2135.6*	*1366.1*	*1049.3*	*864.1*	*818.8*	*769.5*	*707.7*	*687.2*	*674.8*
57.5°	10348.6	8431.1	1802.3	1152.1	897.0	794.1	777.7	720.1	670.7	650.1	637.8
60°	9570.9	7324.3	1489.5	987.5	798.3	728.3	748.9	691.3	613.1	600.8	588.4
62.5°	8171.9	5715.4	1189.2	831.2	724.2	678.9	699.5	617.2	551.4	534.9	530.8
65°	6353.2	4090.1	999.9	732.4	666.6	629.6	621.3	547.3	497.9	485.5	485.5
67.5°	4435.7	2600.5	835.3	670.7	592.5	567.8	563.7	514.3	481.4	469.1	469.1
70°	2715.7	1575.9	703.6	613.1	522.6	477.3	506.1	497.9	448.5	436.2	432.0
72.5°	1411.4	942.3	617.2	563.7	440.3	407.4	452.6	456.7	415.6	432.0	427.9
75°	818.8	654.2	539.0	497.9	349.8	341.5	395.0	436.2	403.2	415.6	407.4
77.5°	469.1	419.7	415.6	407.4	275.7	279.8	353.9	390.9	345.6	358.0	329.2
80°	259.2	271.6	288.0	255.1	193.4	218.1	283.9	312.7	263.3	259.2	238.7
82.5°	135.8	168.7	193.4	164.6	111.1	131.7	193.4	193.4	168.7	160.5	156.4
85°	61.7	70.0	90.5	82.3	41.1	49.4	90.5	98.8	86.4	78.2	74.1
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	8.2	12.3	4.1	4.1	4.1
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

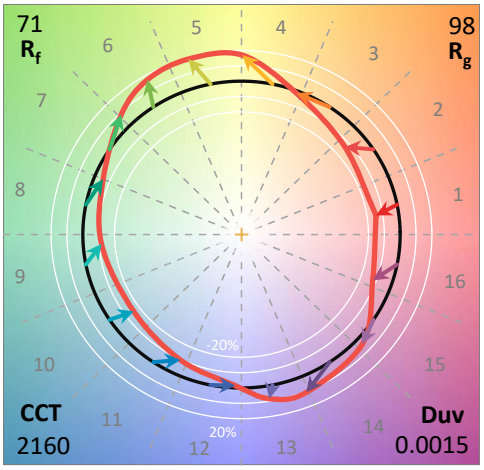
Test Information

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

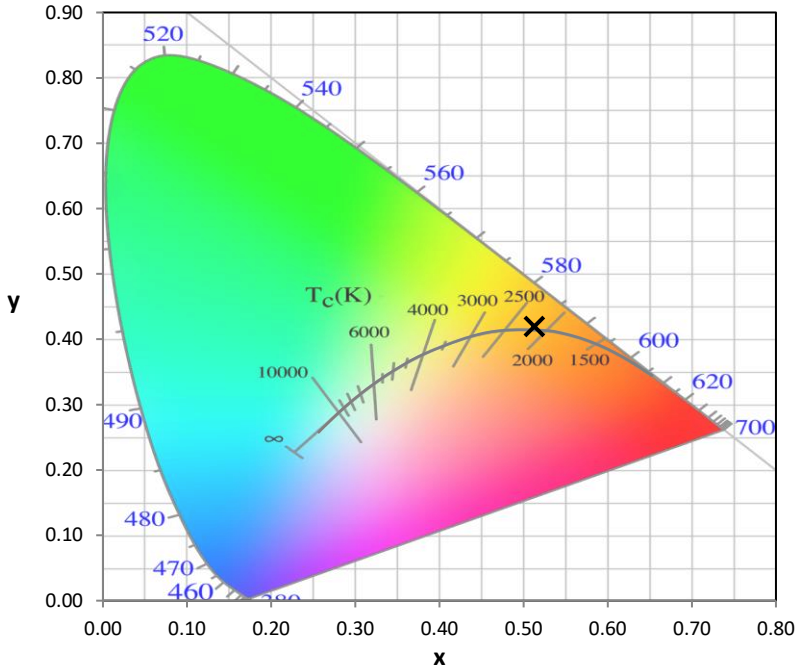
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

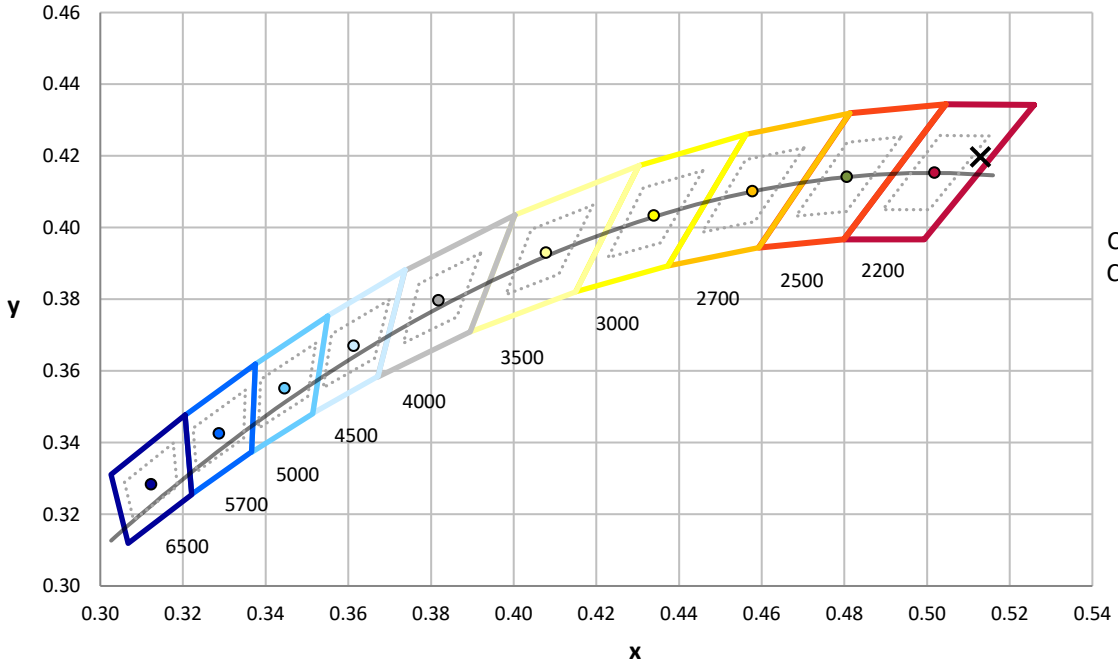
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

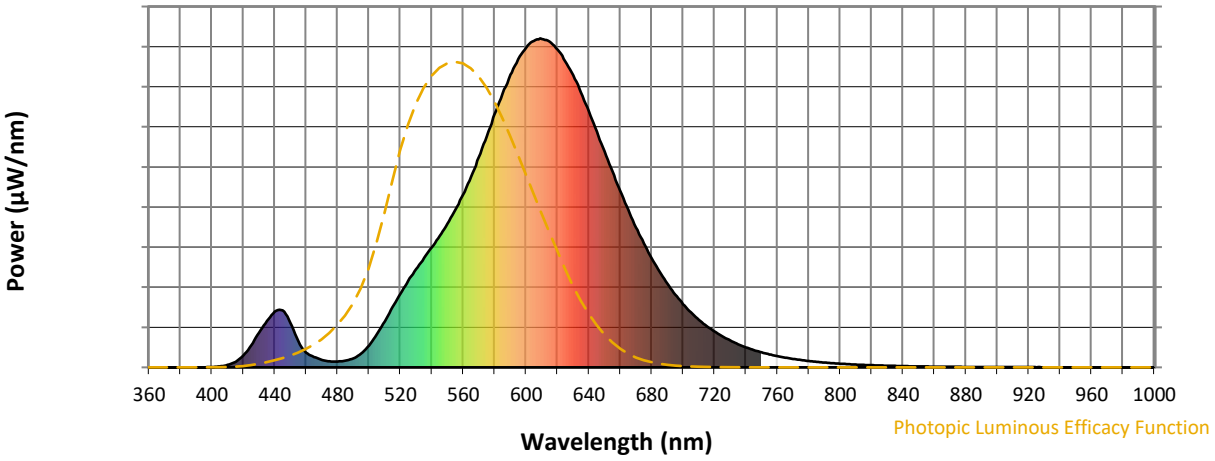


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

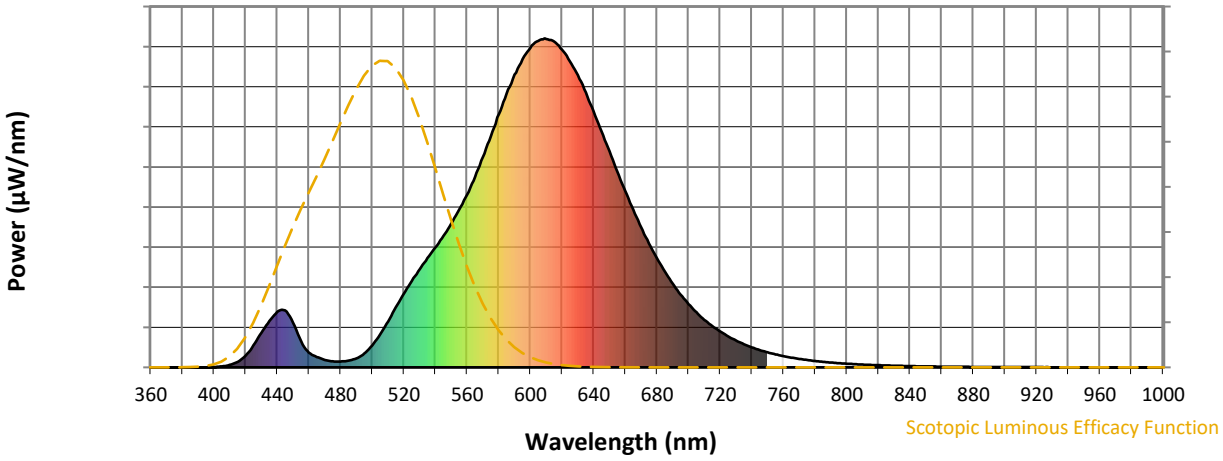


Photopic Lumens: NR

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

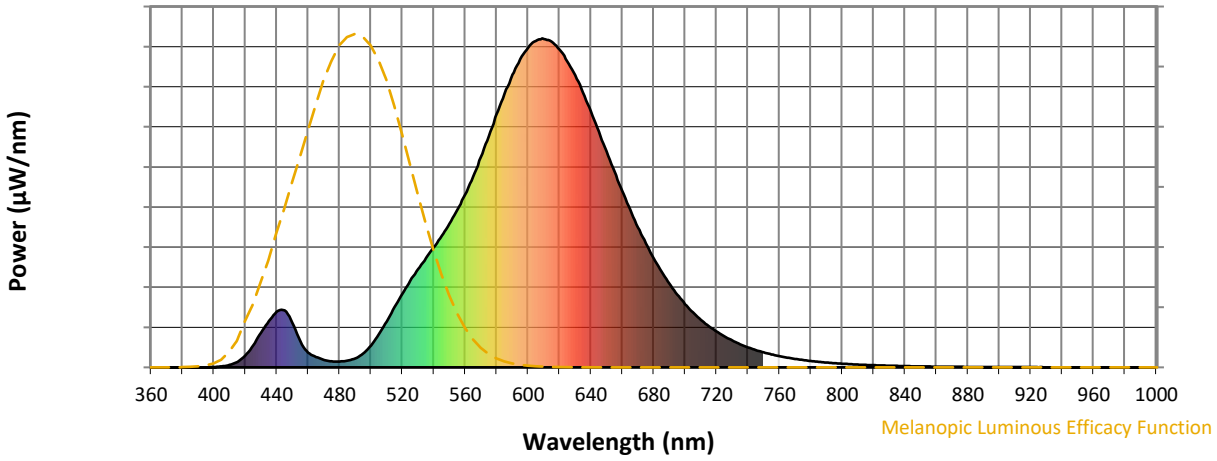


Scotopic Lumens: NR **S/P: 0.8**

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			

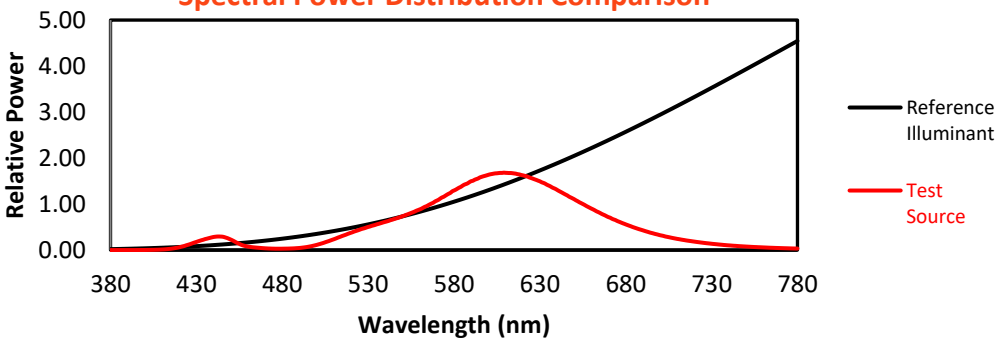
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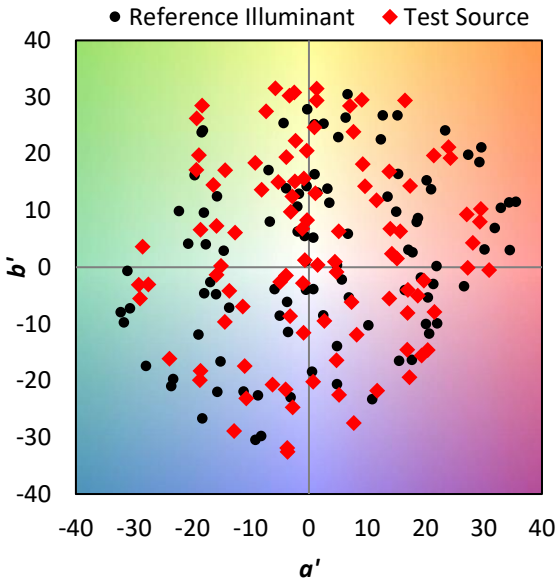
Summary

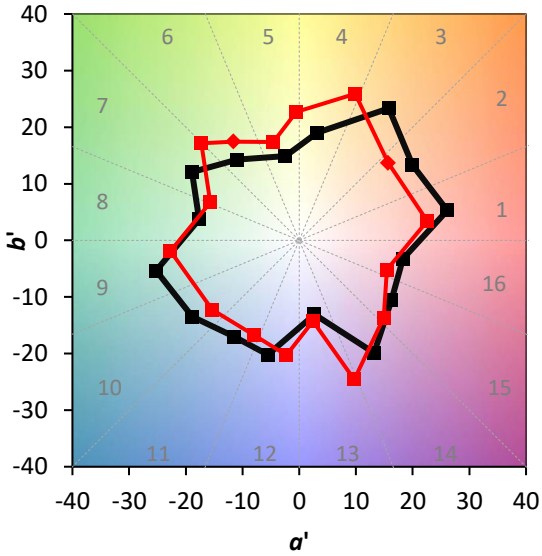
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

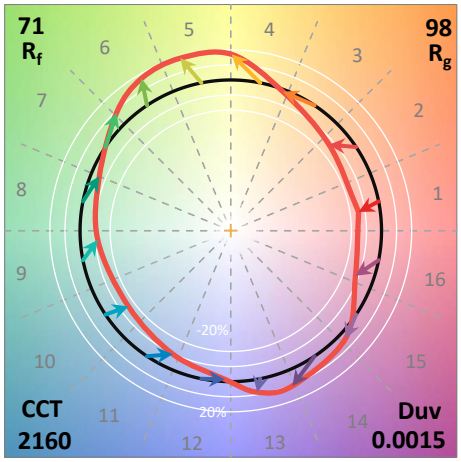
Spectral Power Distribution Comparison

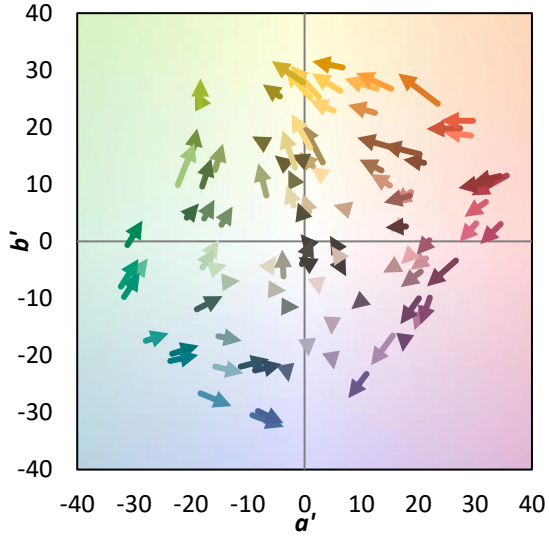


Color Vector Graphics







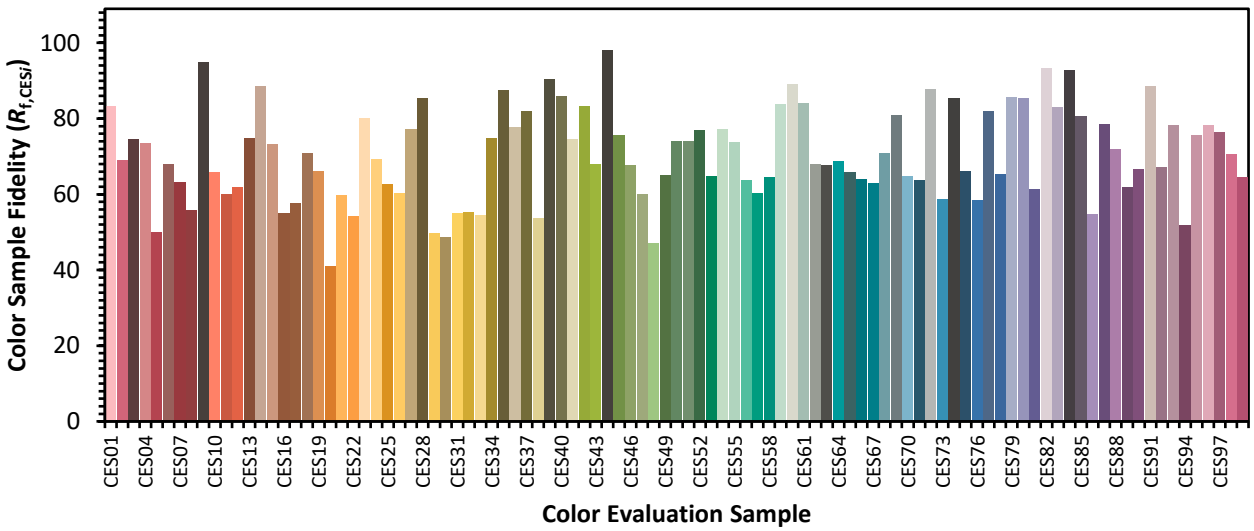


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Individual Sample Fidelity Index ($R_{f,i}$)

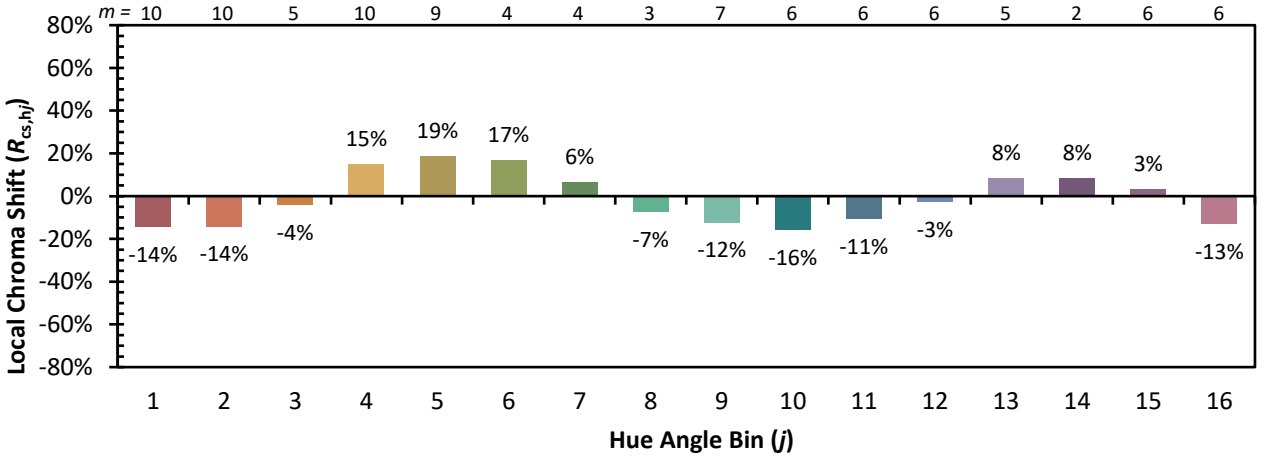
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

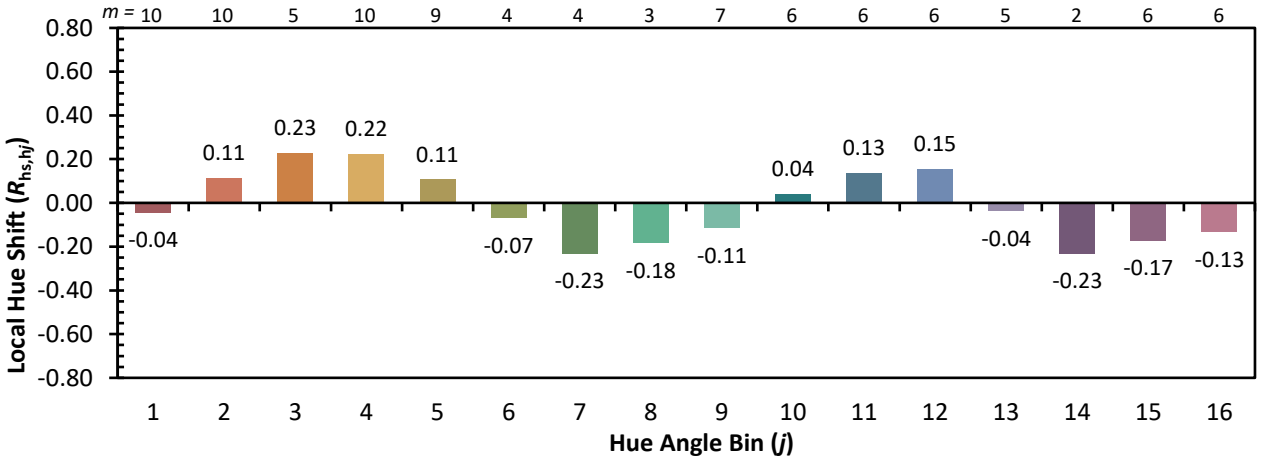


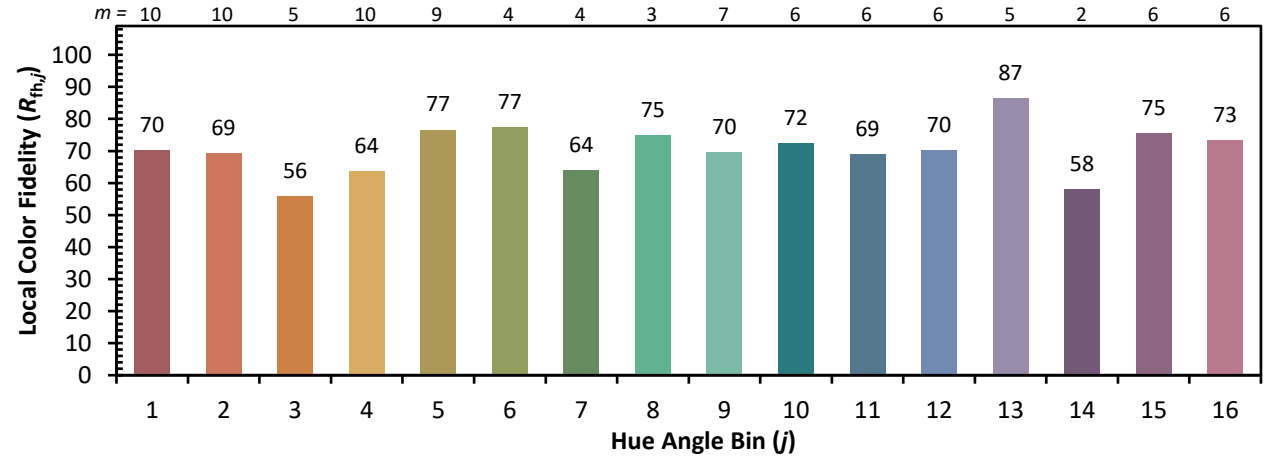
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Color Rendition by Hue-Angle Bin



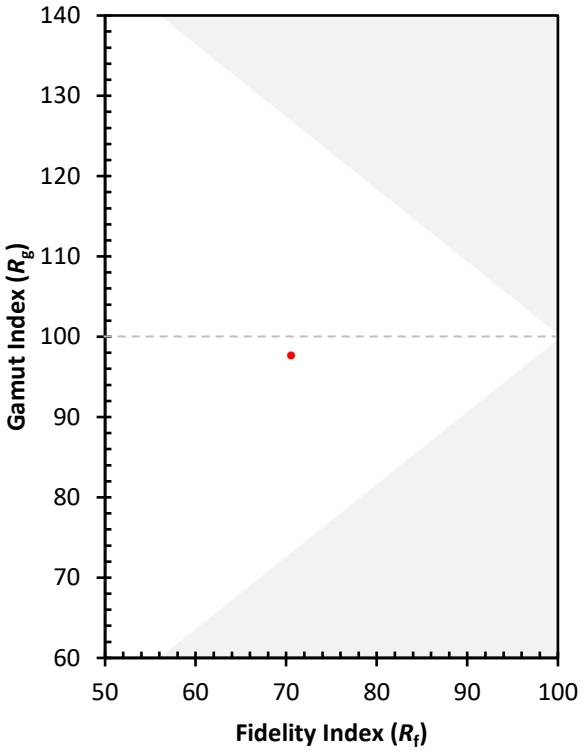


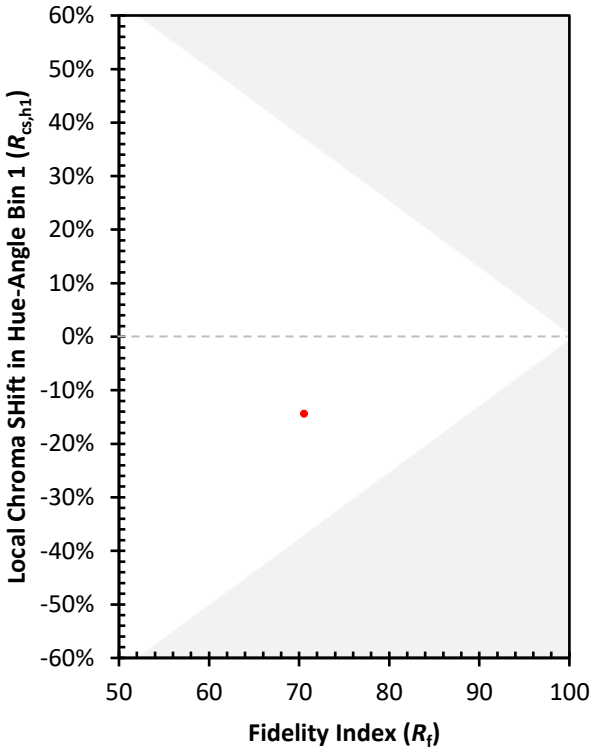


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Measure Comparisons





(END OF REPORT)