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: P1502513

Luminaire Tested: GSS-SB4A-722-U-T4LG-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:	P1502513
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-722-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2200K FIXTURE w/ TYPE IV 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:	11600.7 lumens
Efficiency:	N/A
Efficacy:	101.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

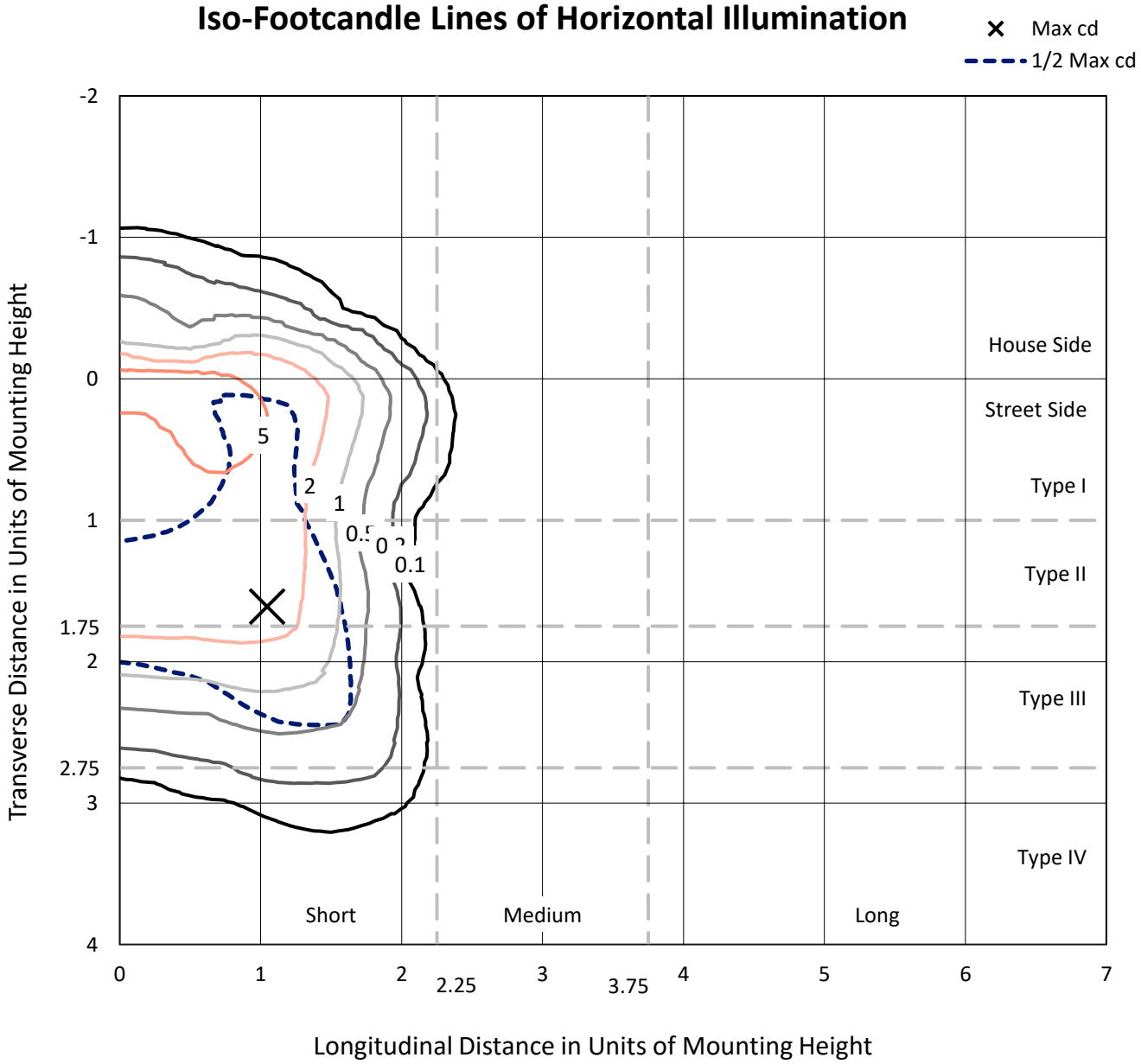
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502513
CATALOG NUMBER: GSS-SB4A-722-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



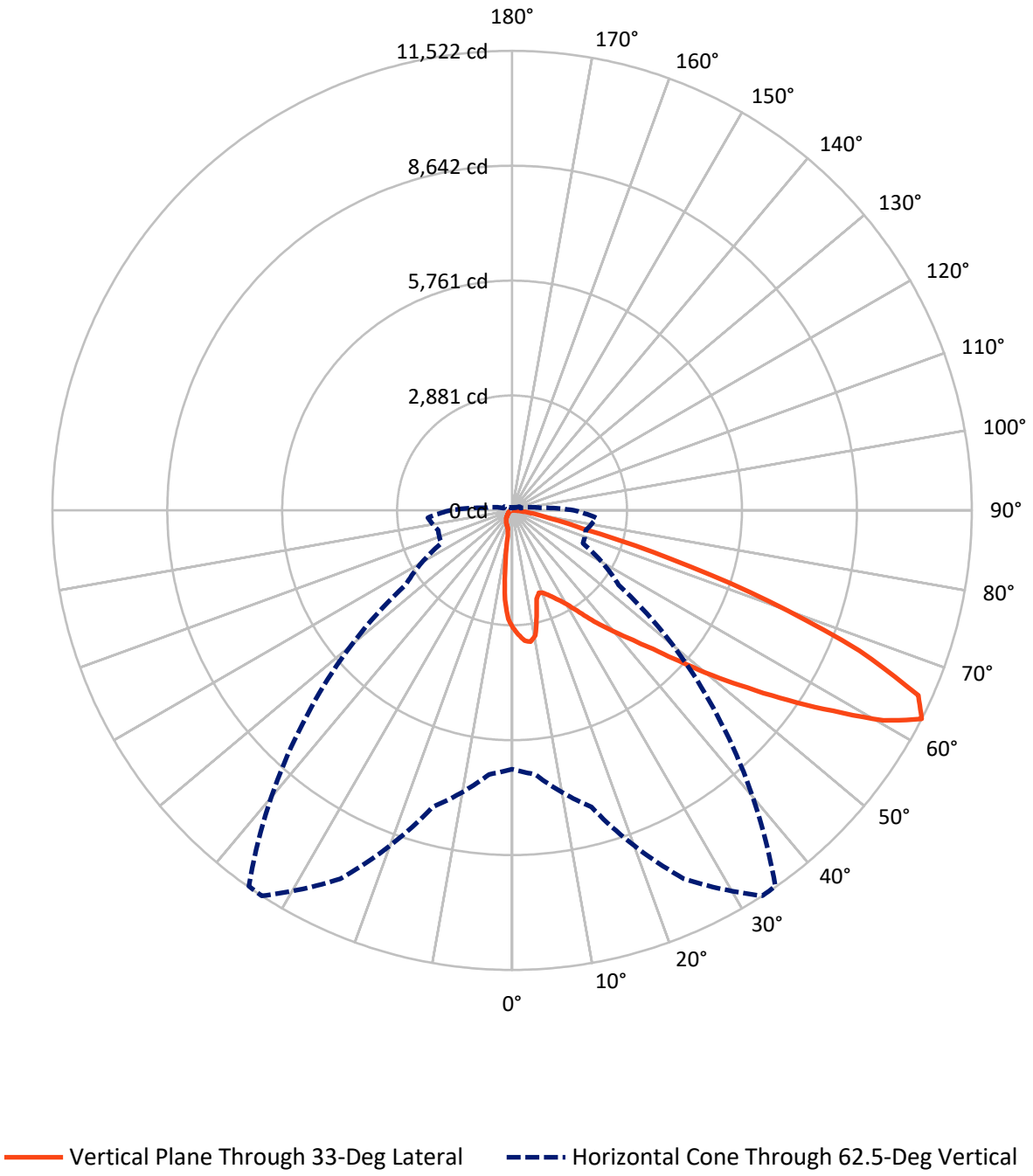
Based on 20 foot mounting height. Maximum calculated value = 8.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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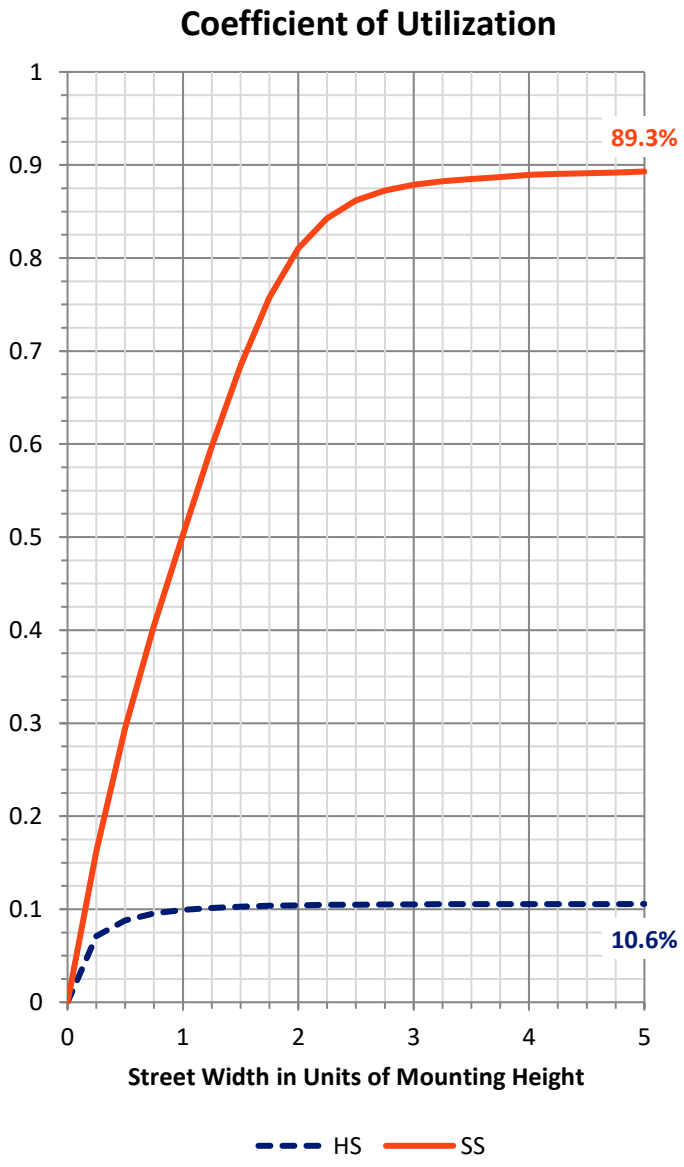
REPORT NUMBER: P1502513
CATALOG NUMBER: GSS-SB4A-722-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1234.4	0.0	1234.4
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	10366.3	0.0	10366.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	11600.7	0.0	11600.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.5	2.2
10°-20°	559.0	4.8
20°-30°	901.0	7.8
30°-40°	1498.9	12.9
40°-50°	2369.1	20.4
50°-60°	3182.9	27.4
60°-70°	2336.5	20.1
70°-80°	462.4	4.0
80°-90°	40.2	0.3
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°	11600.7	100.0
0°-180°	11600.7	100.0



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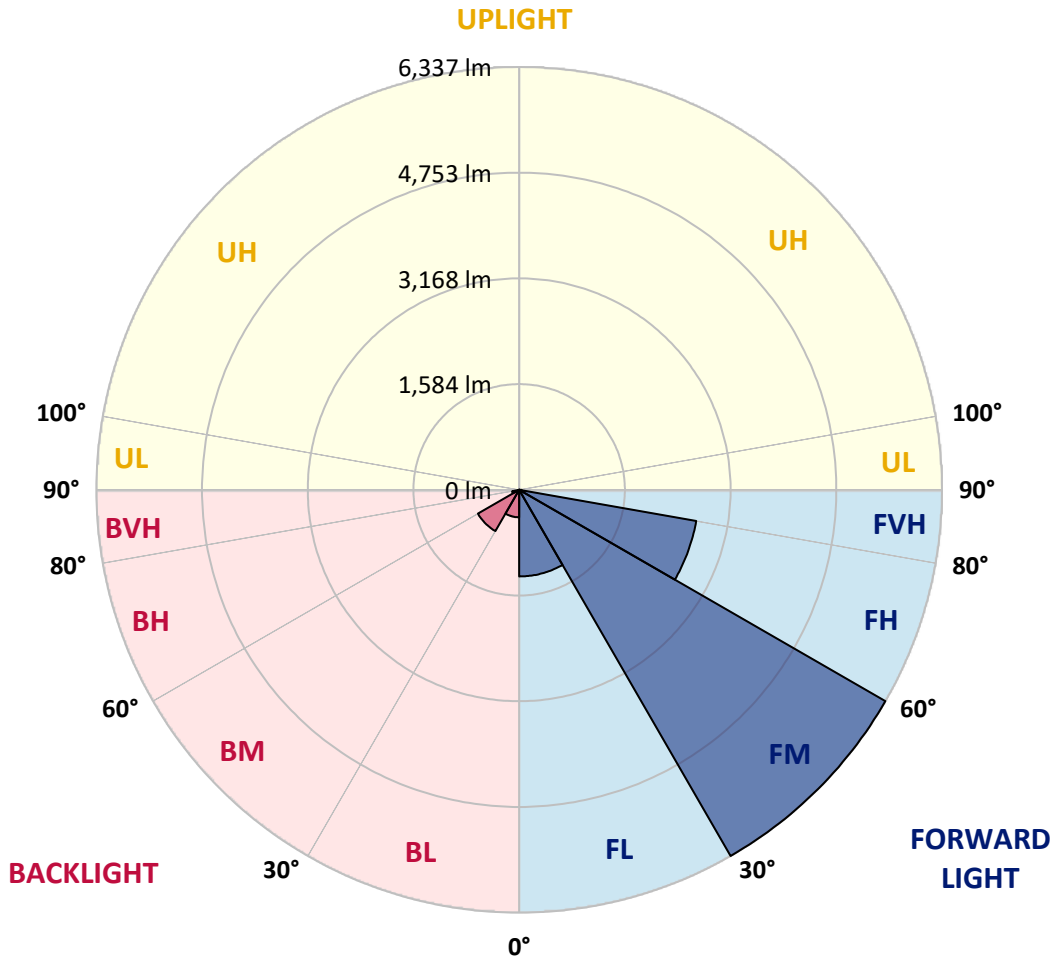
Scaled Data Report

REPORT NUMBER: P1502513
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1298.8	11.2			
FM	(30°-60°)	6336.8	54.6			
FH	(60°-80°)	2693.5	23.2			G2/5000
FVH	(80°-90°)	37.2	0.3			G1/100
BL	(0°-30°)	411.9	3.6	B1/500		
BM	(30°-60°)	714.0	6.2	B1/1000		
BH	(60°-80°)	105.5	0.9	B0/110		G0/110
BVH	(80°-90°)	3.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7
2.5°	3139.4	3152.5	3152.5	3126.4	3119.8	3106.8	3093.7	3090.4	3048.0	3015.3	2982.6
5°	3299.5	3296.3	3293.0	3279.9	3283.2	3266.9	3257.1	3240.7	3168.8	3119.8	3031.6
7.5°	3230.9	3260.3	3273.4	3309.3	3325.7	3322.4	3348.5	3355.1	3293.0	3224.4	3090.4
10°	2783.4	2767.0	2884.6	3038.2	3191.7	3227.6	3368.1	3443.3	3420.4	3358.3	3185.2
12.5°	2205.1	2221.5	2303.1	2482.8	2734.4	2812.8	3217.8	3515.1	3580.5	3541.3	3315.9
15°	2018.9	2018.9	2061.4	2146.3	2296.6	2371.7	2871.6	3505.3	3750.3	3753.6	3479.2
17.5°	1979.7	1986.2	2022.2	2077.7	2175.7	2208.4	2557.9	3361.6	3917.0	3975.8	3662.1
20°	1986.2	1996.0	2035.2	2113.7	2208.4	2247.6	2476.3	3178.6	4057.4	4217.5	3854.9
22.5°	2009.1	2005.8	2074.5	2179.0	2299.9	2335.8	2544.9	3103.5	4175.0	4495.2	4080.3
25°	2035.2	2038.5	2126.7	2273.7	2420.7	2463.2	2698.4	3172.1	4260.0	4792.5	4309.0
27.5°	2113.7	2123.5	2231.3	2391.3	2564.5	2620.0	2897.7	3351.8	4407.0	5080.0	4557.3
30°	2234.5	2244.3	2368.5	2561.2	2747.4	2832.4	3146.0	3577.2	4625.9	5413.2	4812.1
32.5°	2375.0	2388.1	2548.1	2770.3	2995.7	3077.4	3430.2	3920.2	4916.6	5752.9	5076.7
35°	2551.4	2587.3	2760.5	3025.1	3328.9	3407.3	3779.7	4309.0	5295.6	6056.7	5302.1
37.5°	2793.2	2822.6	3034.9	3364.9	3671.9	3776.5	4171.8	4717.3	5638.6	6327.9	5485.0
40°	3087.2	3113.3	3351.8	3711.1	4031.3	4119.5	4583.4	5129.0	6007.7	6478.2	5524.2
42.5°	3577.2	3649.1	3799.3	4103.2	4446.2	4557.3	5040.8	5527.5	6275.6	6507.6	5462.2
45°	4433.1	4456.0	4488.7	4632.4	4962.3	5060.4	5524.2	5873.8	6435.7	6514.1	5406.6
47.5°	5253.1	5331.5	5377.2	5442.6	5641.9	5677.8	6030.6	6184.2	6563.1	6491.2	5406.6
50°	6073.1	6131.9	6210.3	6288.7	6501.0	6514.1	6566.4	6393.2	6569.6	6305.0	5374.0
52.5°	6817.9	6837.5	6971.5	7121.7	7386.4	7458.2	7062.9	6546.8	6174.4	5717.0	5220.4
55°	7484.4	7510.5	7713.0	8020.1	8399.1	8493.8	7670.6	6249.5	5328.2	4955.8	4864.3
57.5°	7915.6	7977.7	8382.7	9059.0	9486.9	9444.5	8141.0	5553.6	4279.6	4054.2	4233.8
60°	7700.0	7784.9	8637.6	9931.2	10692.4	10568.3	8010.3	4570.3	3162.3	2999.0	3351.8
62.5°	6488.0	6644.8	7700.0	10189.3	11522.2	11502.6	7272.0	3260.3	1960.1	1917.6	2116.9
65°	4511.5	4782.7	6033.9	9326.9	11189.0	11218.4	6122.1	1898.0	908.2	1127.1	1238.1
67.5°	2659.2	2852.0	3887.6	7615.0	9388.9	9117.8	4162.0	878.8	454.1	686.0	656.6
70°	1169.5	1300.2	2228.0	5276.0	6840.8	6403.0	2032.0	428.0	346.3	414.9	362.6
72.5°	643.6	702.4	1172.8	2786.6	4162.0	3956.2	686.0	284.2	297.3	310.4	261.3
75°	359.4	385.5	617.4	1610.6	1829.4	1702.0	333.2	186.2	251.5	251.5	192.7
77.5°	209.1	231.9	385.5	1002.9	1002.9	810.2	202.5	117.6	189.5	169.9	104.5
80°	98.0	111.1	212.3	555.4	633.8	522.7	114.3	81.7	124.1	107.8	68.6
82.5°	29.4	35.9	104.5	215.6	359.4	307.1	58.8	52.3	91.5	68.6	39.2
85°	19.6	22.9	52.3	88.2	176.4	153.5	19.6	16.3	39.2	32.7	16.3
87.5°	3.3	3.3	6.5	6.5	6.5	6.5	3.3	3.3	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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Scaled Data Report

REPORT NUMBER: P1502513
CATALOG NUMBER: GSS-SB4A-722-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7	2946.7
2.5°	2963.0	2940.2	2887.9	2838.9	2812.8	2754.0	2731.1	2705.0	2691.9	2688.6	2669.0
5°	2976.1	2933.6	2803.0	2672.3	2535.1	2404.4	2270.5	2152.9	2058.1	2061.4	2064.7
7.5°	3015.3	2930.4	2701.7	2440.3	2146.3	1806.6	1443.9	1172.8	999.7	963.7	931.1
10°	3067.6	2943.4	2577.5	2094.1	1515.8	953.9	673.0	575.0	532.5	522.7	526.0
12.5°	3165.6	2976.1	2420.7	1617.1	839.6	548.8	486.8	470.4	463.9	463.9	463.9
15°	3286.5	3021.8	2175.7	1058.5	548.8	457.4	444.3	441.0	434.5	434.5	437.8
17.5°	3387.7	3021.8	1852.3	689.3	450.8	424.7	414.9	411.6	411.6	414.9	411.6
20°	3498.8	2999.0	1489.7	519.4	418.2	395.3	388.8	388.8	388.8	392.0	392.0
22.5°	3613.1	2959.8	1153.2	444.3	388.8	369.2	365.9	369.2	372.4	375.7	375.7
25°	3740.5	2910.8	911.5	411.6	362.6	346.3	346.3	346.3	349.6	356.1	359.4
27.5°	3881.0	2868.3	780.8	392.0	339.8	323.4	323.4	326.7	333.2	336.5	339.8
30°	4011.7	2868.3	738.3	401.8	330.0	310.4	303.8	307.1	313.6	320.2	320.2
32.5°	4175.0	2901.0	761.2	444.3	326.7	290.7	284.2	284.2	290.7	294.0	294.0
35°	4312.2	2963.0	839.6	503.1	339.8	274.4	261.3	258.1	264.6	261.3	264.6
37.5°	4423.3	3048.0	983.3	581.5	365.9	254.8	238.5	228.7	228.7	228.7	228.7
40°	4456.0	3132.9	1166.3	633.8	362.6	231.9	209.1	199.3	196.0	192.7	192.7
42.5°	4410.3	3172.1	1313.3	630.5	323.4	215.6	186.2	173.1	163.3	160.1	160.1
45°	4374.3	3191.7	1365.5	548.8	294.0	196.0	166.6	150.3	140.5	137.2	133.9
47.5°	4377.6	3211.3	1287.1	447.6	267.9	179.7	150.3	133.9	124.1	120.9	117.6
50°	4390.6	3178.6	1091.1	372.4	245.0	163.3	133.9	120.9	111.1	107.8	104.5
52.5°	4253.4	3005.5	767.7	326.7	225.4	153.5	120.9	111.1	101.3	98.0	98.0
55°	3894.1	2590.6	519.4	290.7	209.1	140.5	111.1	104.5	94.7	88.2	88.2
57.5°	3319.1	1953.6	359.4	264.6	182.9	127.4	104.5	94.7	84.9	78.4	78.4
60°	2538.3	1274.1	261.3	241.7	150.3	117.6	98.0	91.5	78.4	71.9	68.6
62.5°	*1545.2*	*715.4*	*212.3*	*212.3*	*127.4*	*111.1*	*88.2*	*81.7*	*68.6*	*58.8*	*55.5*
65°	895.1	421.4	173.1	179.7	111.1	101.3	78.4	68.6	55.5	45.7	42.5
67.5°	431.2	245.0	137.2	127.4	98.0	84.9	68.6	58.8	49.0	39.2	35.9
70°	264.6	189.5	104.5	91.5	78.4	65.3	55.5	52.3	42.5	32.7	32.7
72.5°	215.6	153.5	81.7	65.3	58.8	45.7	45.7	42.5	32.7	26.1	22.9
75°	169.9	114.3	62.1	45.7	35.9	35.9	32.7	29.4	26.1	19.6	19.6
77.5°	91.5	78.4	45.7	26.1	19.6	22.9	22.9	19.6	16.3	13.1	13.1
80°	58.8	45.7	26.1	13.1	13.1	13.1	13.1	9.8	9.8	6.5	6.5
82.5°	29.4	22.9	13.1	3.3	6.5	6.5	6.5	6.5	6.5	3.3	3.3
85°	6.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
87.5°	0.0	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3
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

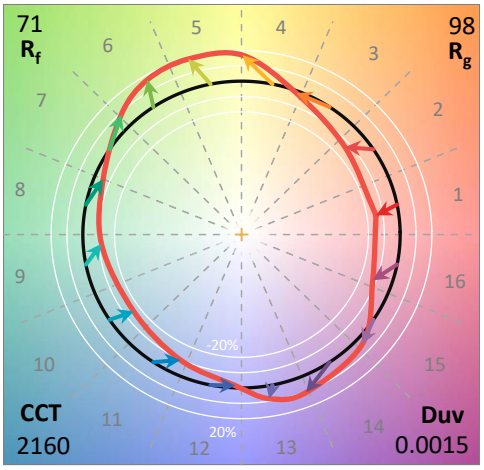
Test Information

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

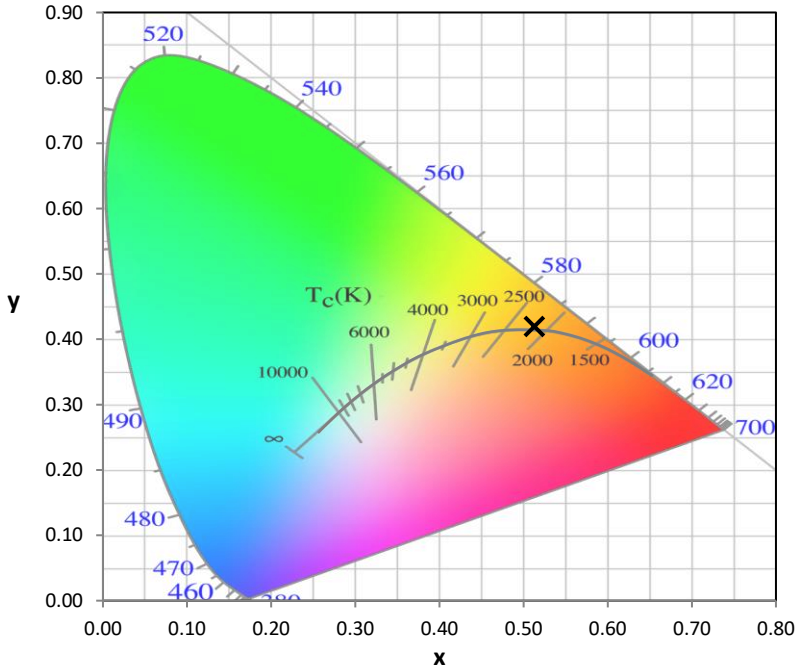
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

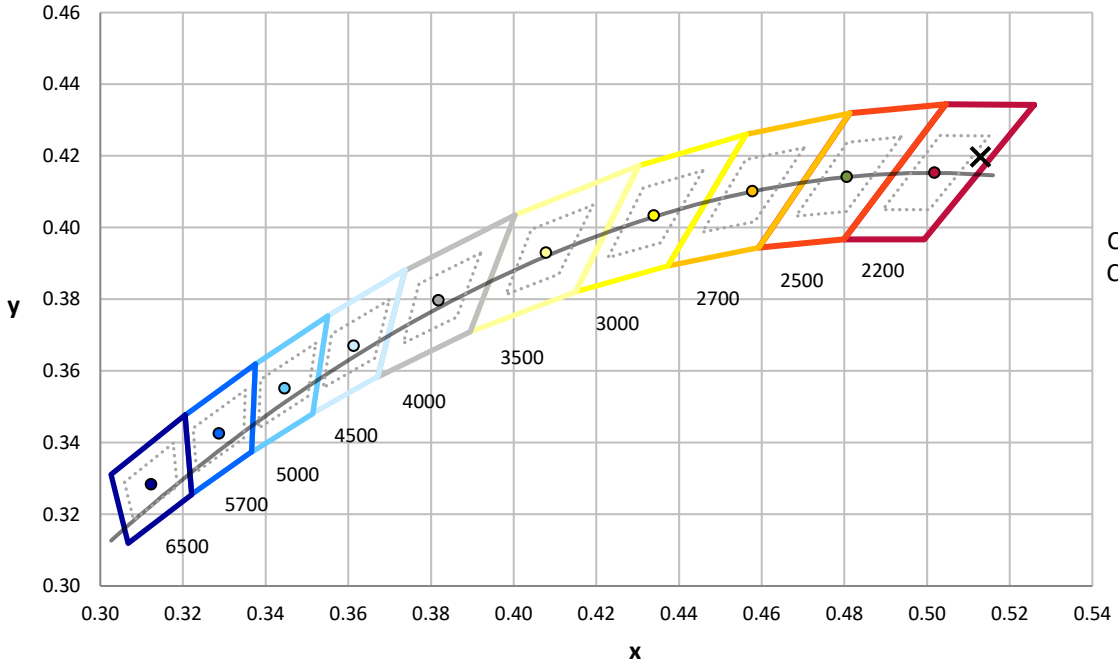
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

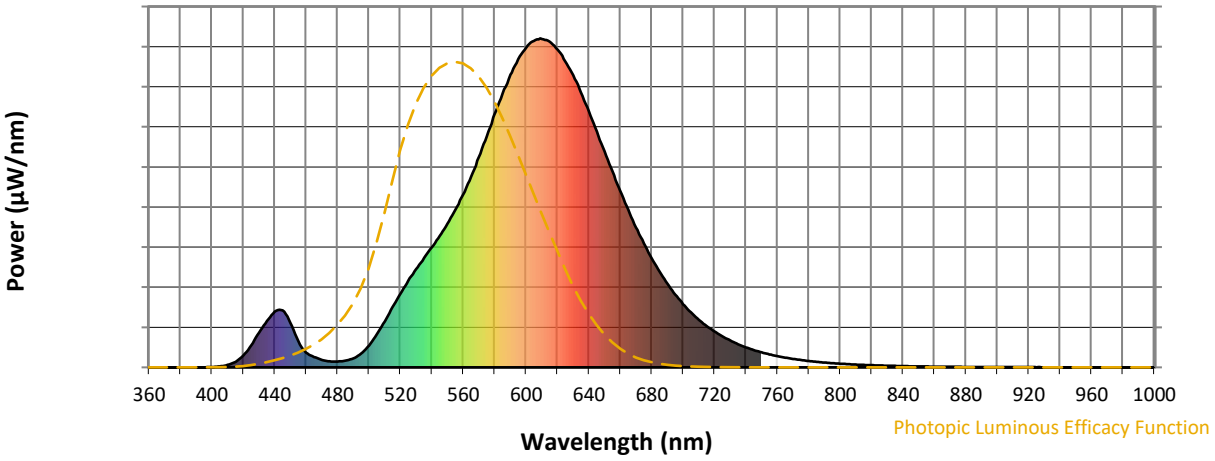


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

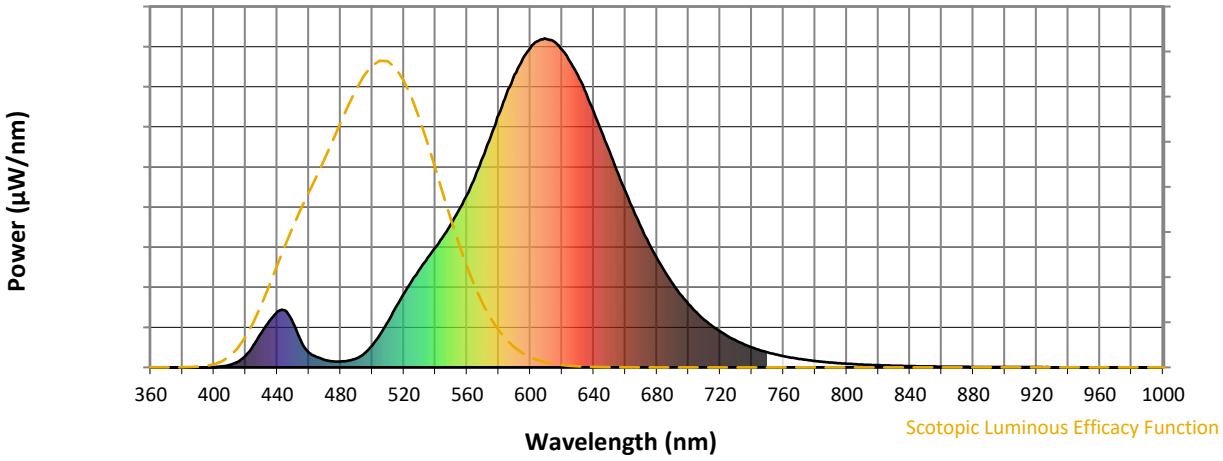


Photopic Lumens: NR

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

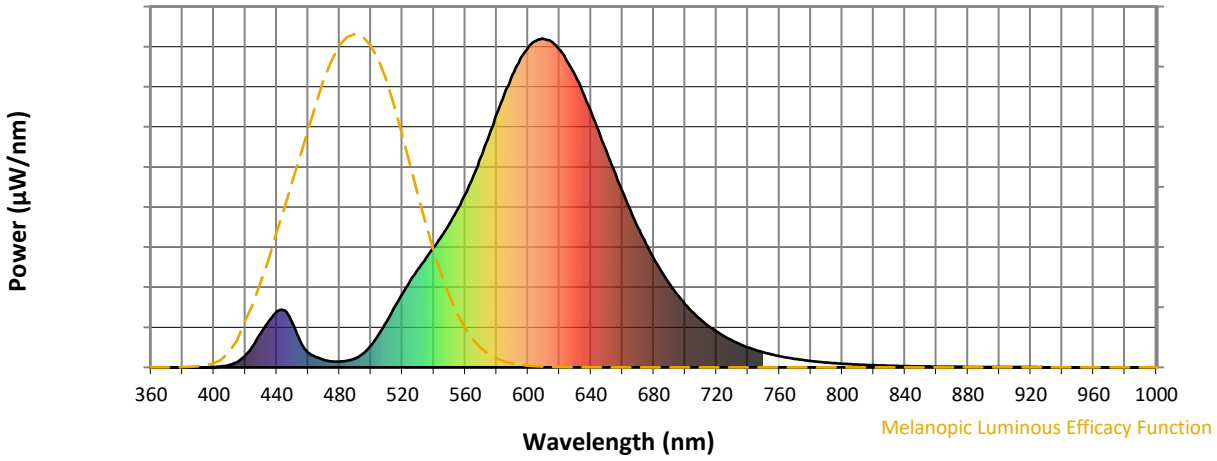


Scotopic Lumens: NR **S/P: 0.8**

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			

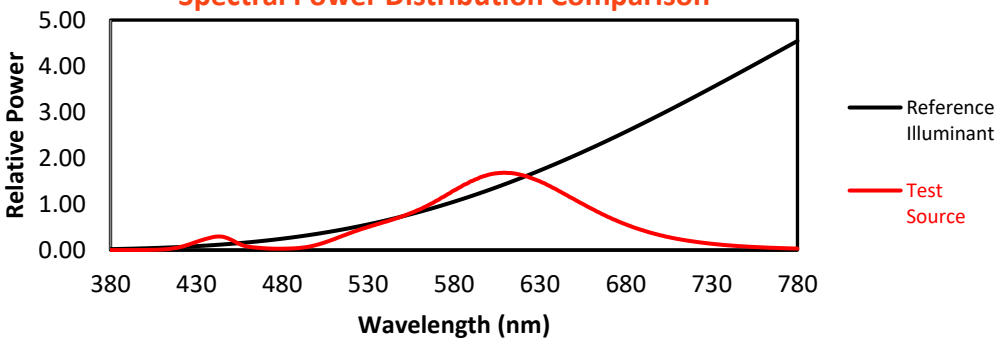
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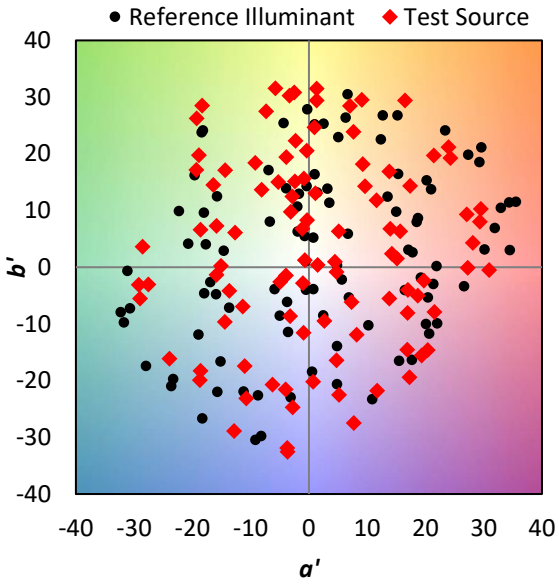
Summary

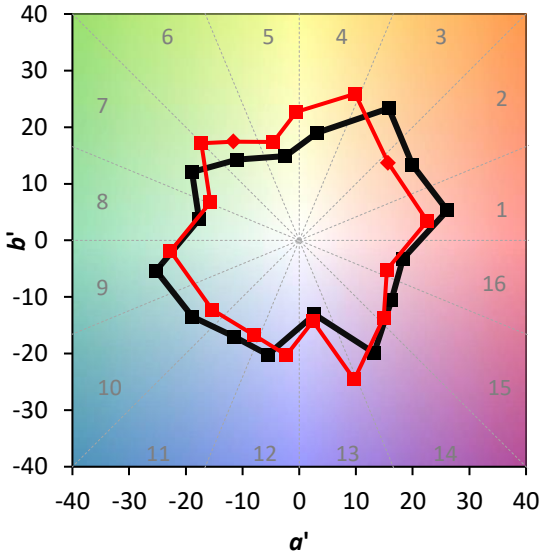
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R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

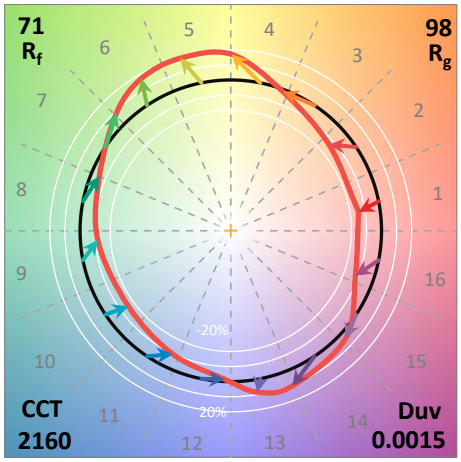
Spectral Power Distribution Comparison

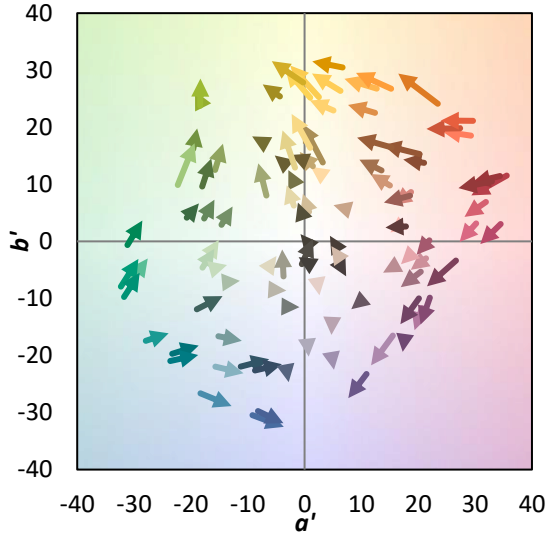


Color Vector Graphics







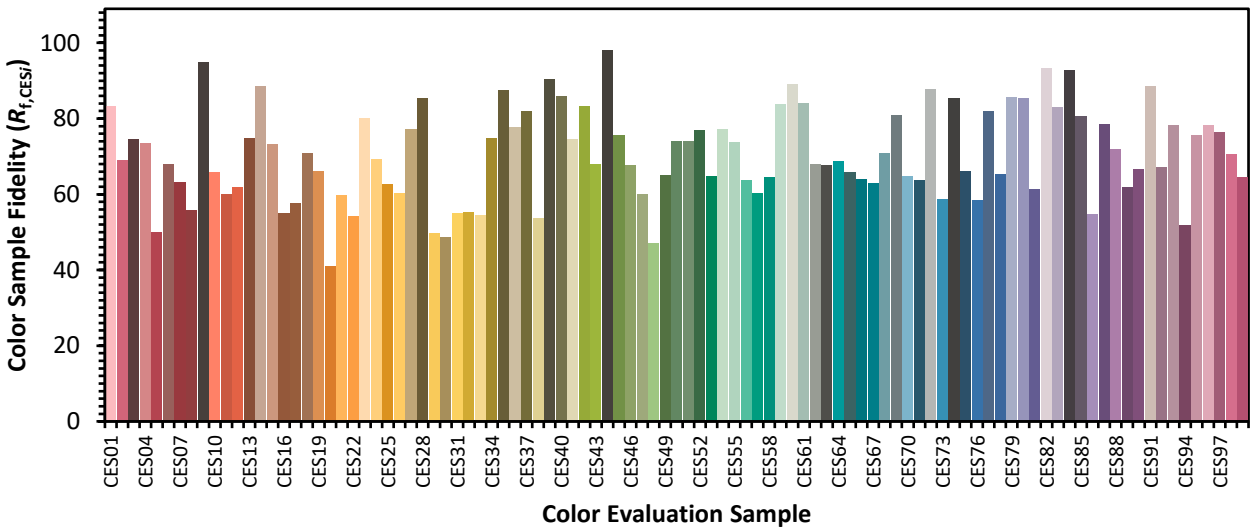


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Individual Sample Fidelity Index ($R_{f,i}$)

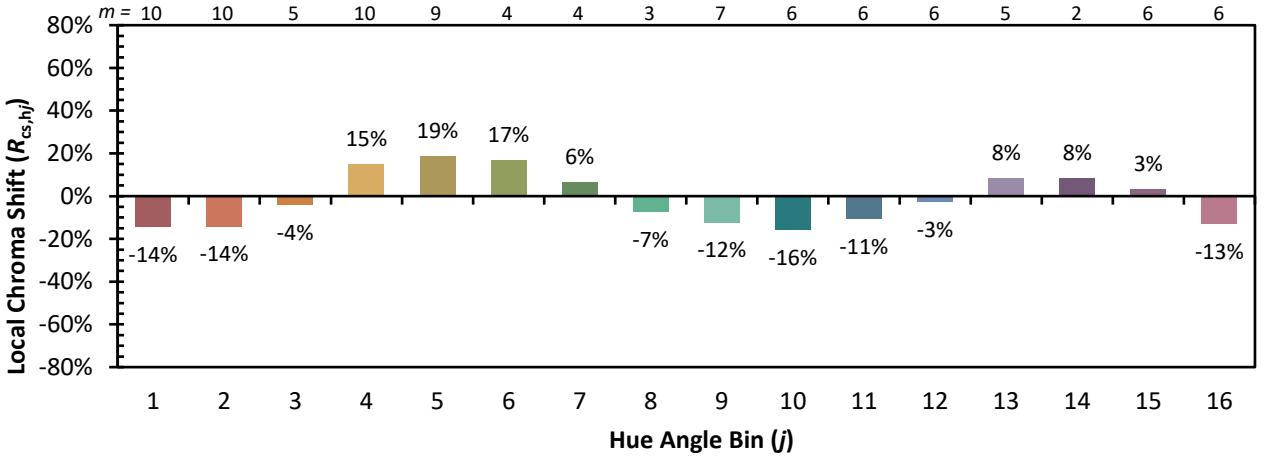
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

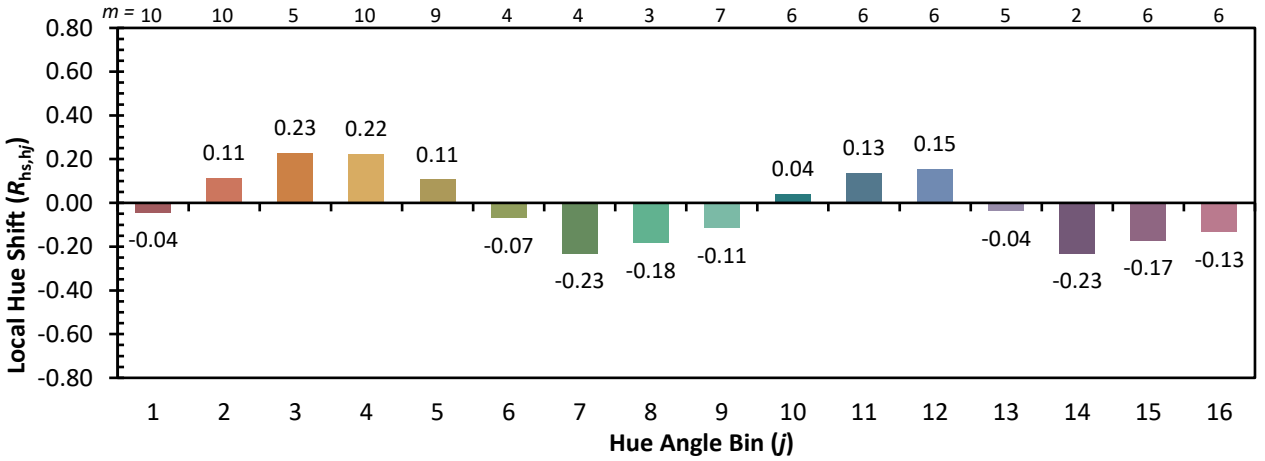


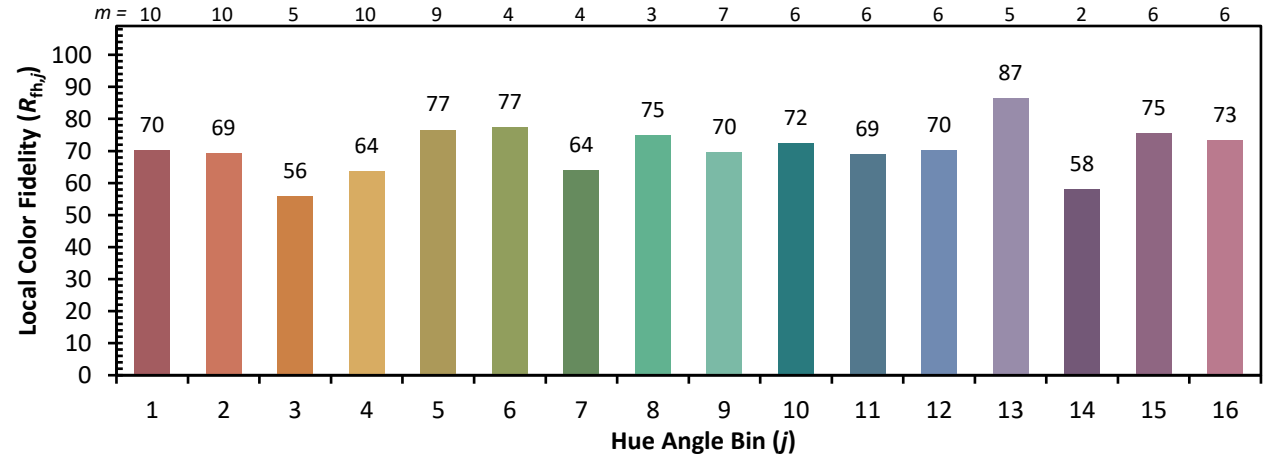
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Color Rendition by Hue-Angle Bin



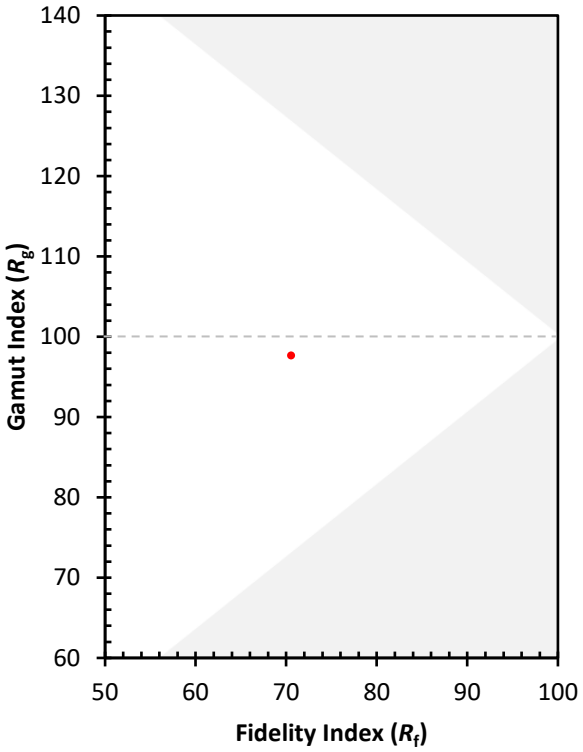


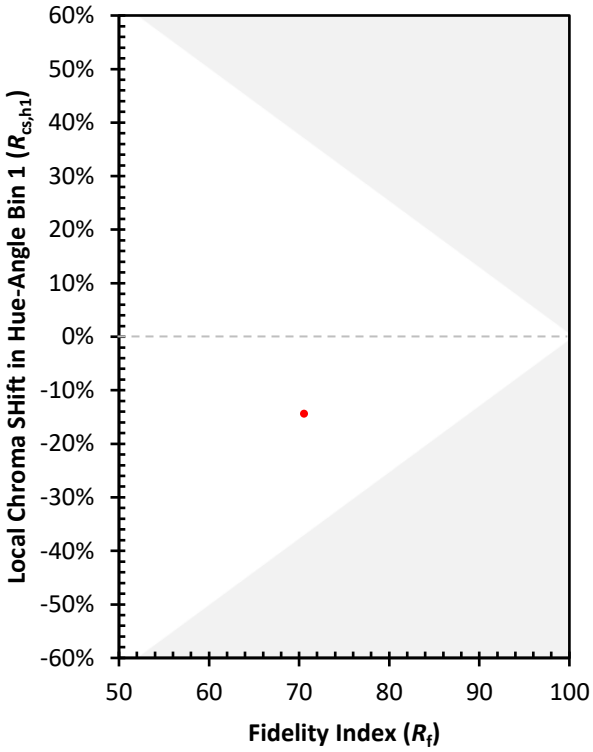


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Measure Comparisons





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