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: P1500569

Luminaire Tested: GSS-SB4A-740-U-T4LG

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:	P1500569
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-740-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18472.4 lumens
Efficiency:	N/A
Efficacy:	162.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

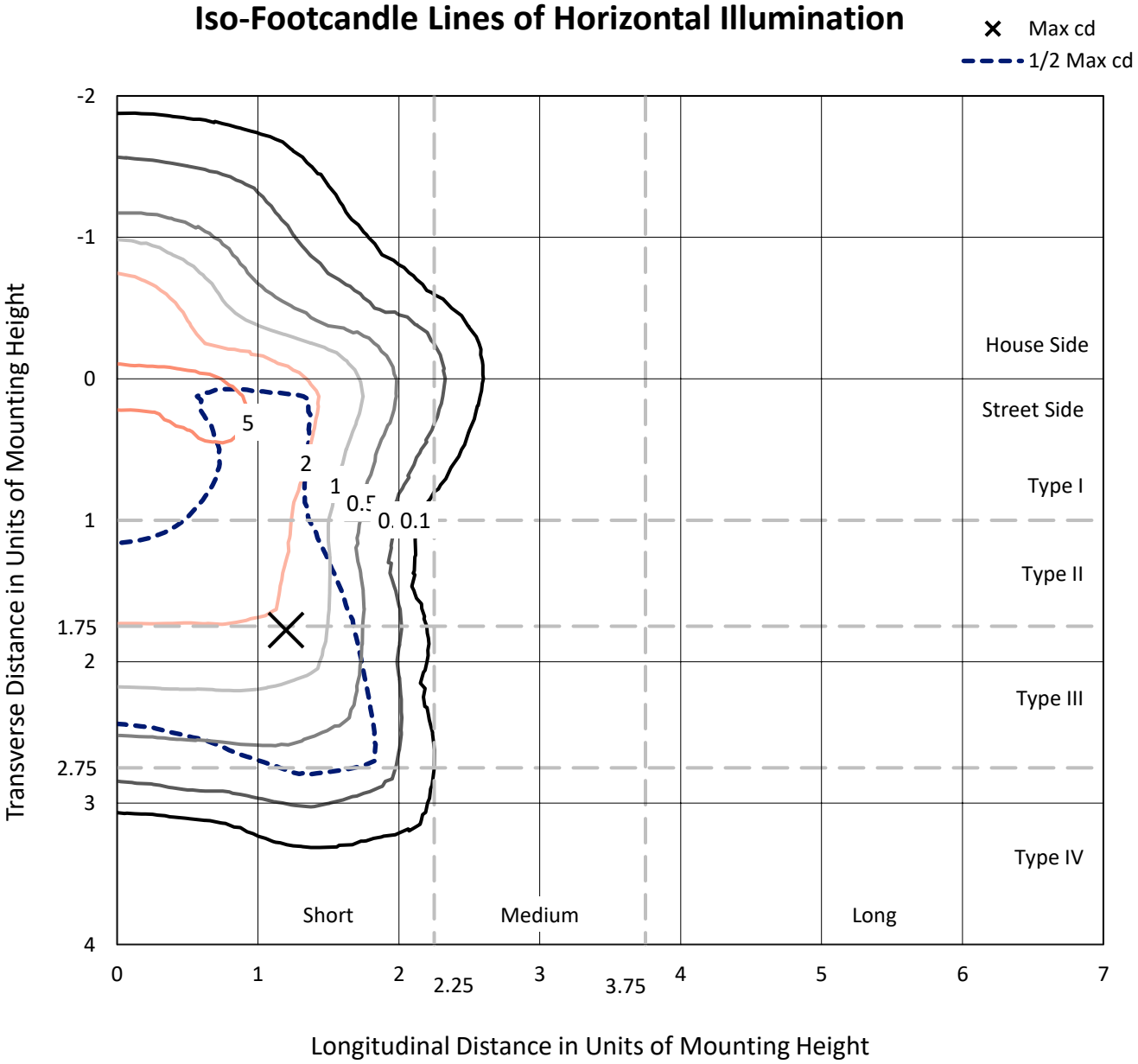
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500569
CATALOG NUMBER: GSS-SB4A-740-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



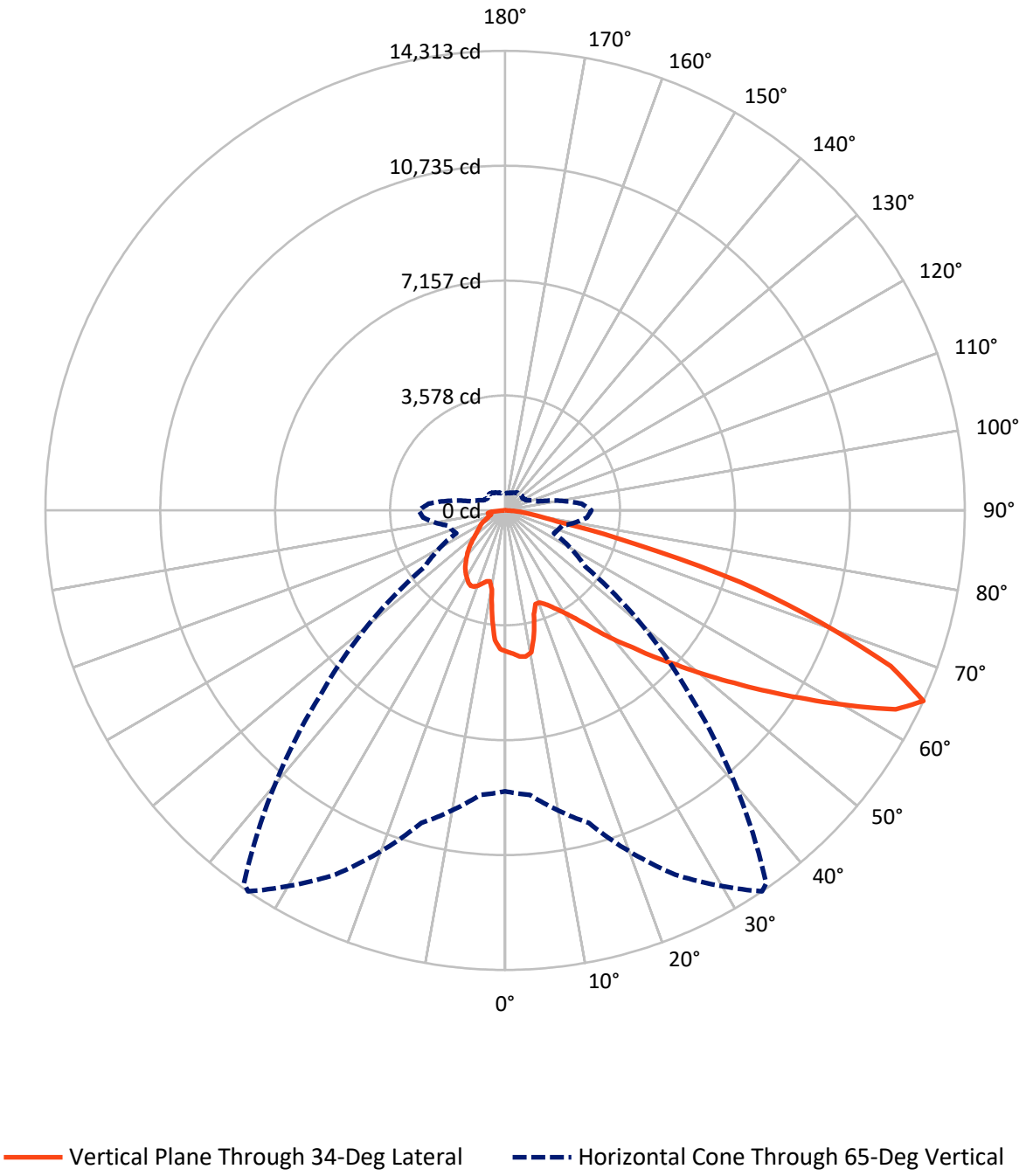
Based on 25 foot mounting height. Maximum calculated value = 7.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1500569
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Luminous Intensity Polar Plot



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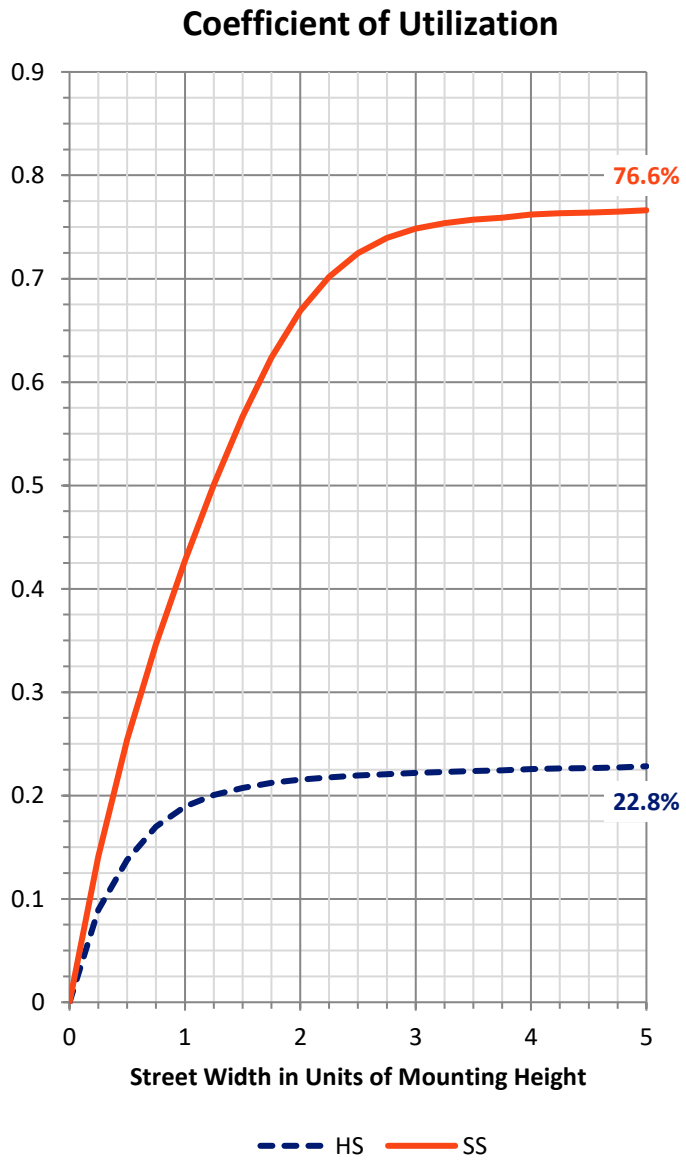
REPORT NUMBER: P1500569
CATALOG NUMBER: GSS-SB4A-740-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4297.7	0.0	4297.7
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	14174.6	0.0	14174.6
	% Fixture	76.7	0.0	76.7
Total	Lumens	18472.4	0.0	18472.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	395.9	2.1
10°-20°	996.5	5.4
20°-30°	1651.8	8.9
30°-40°	2484.3	13.4
40°-50°	3480.4	18.8
50°-60°	4388.2	23.8
60°-70°	3774.2	20.4
70°-80°	1122.1	6.1
80°-90°	179.0	1.0
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°	18472.4	100.0
0°-180°	18472.4	100.0



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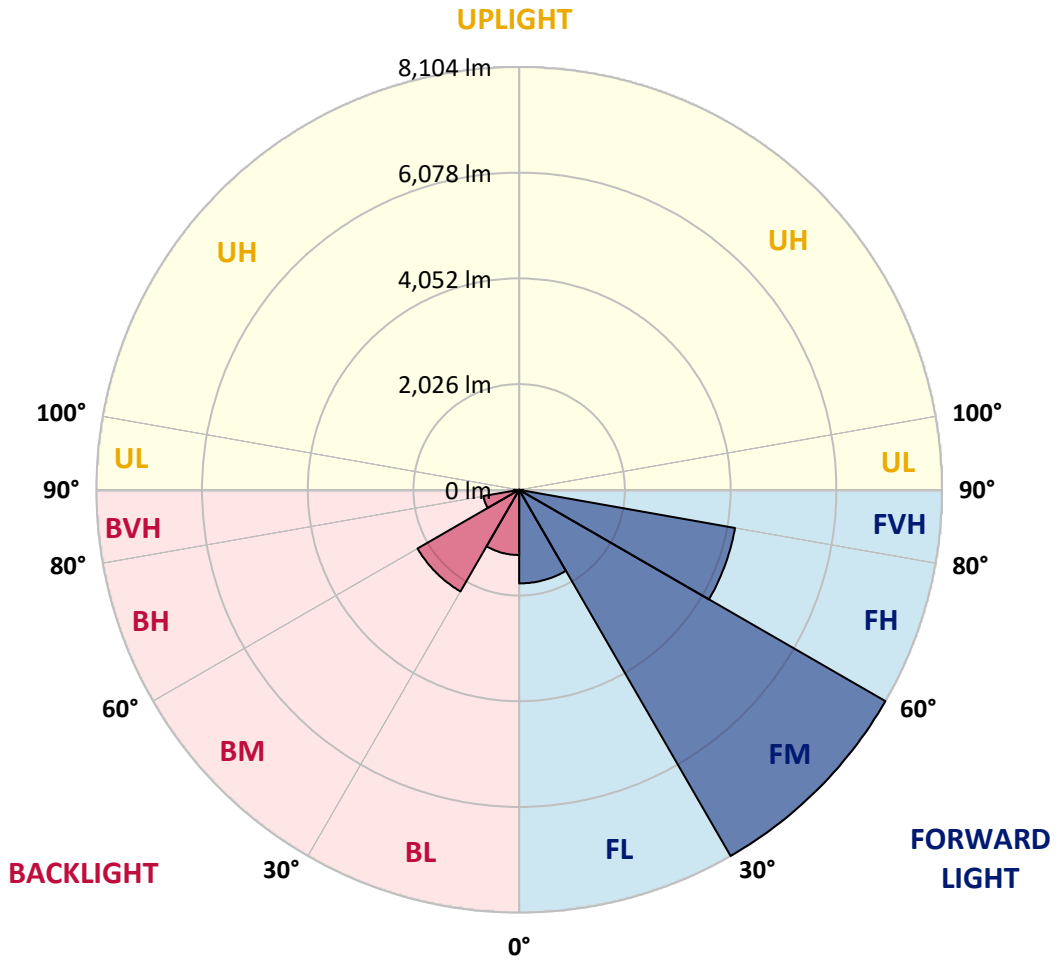
Scaled Data Report

REPORT NUMBER: P1500569
CATALOG NUMBER: GSS-SB4A-740-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1793.8	9.7			
FM	(30°-60°)	8104.4	43.9			
FH	(60°-80°)	4200.7	22.7			G2/5000
FVH	(80°-90°)	75.7	0.4			G1/100
BL	(0°-30°)	1250.4	6.8	B3/2500		
BM	(30°-60°)	2248.4	12.2	B2/2500		
BH	(60°-80°)	695.6	3.8	B2/1000		G2/1000
BVH	(80°-90°)	103.3	0.6			G2/225
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: P1500569
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	4391.9	4391.9	4391.9	4391.9	*4391.9*	4391.9	4391.9	4391.9	4391.9	4391.9	4391.9
2.5°	4475.5	4500.6	4471.3	4458.8	*4463.0*	4467.2	4446.3	4450.4	4425.3	4425.3	4404.4
5°	4571.7	4575.9	4559.2	4571.7	*4567.5*	4563.4	4563.4	4559.2	4504.8	4492.3	4471.3
7.5°	4517.4	4534.1	4542.5	4588.5	*4601.0*	4626.1	4642.8	4651.2	4609.4	4575.9	4521.5
10°	4019.6	4032.2	4128.4	4337.5	*4496.4*	4525.7	4680.5	4768.3	4739.0	4722.3	4630.3
12.5°	3212.3	3233.3	3342.0	3613.9	*3986.1*	4065.6	4559.2	4856.2	4923.1	4927.3	4793.4
15°	2865.2	2865.2	2898.6	3053.4	*3354.6*	3417.3	4145.1	4881.3	5119.7	5149.0	4985.8
17.5°	2794.1	2789.9	2810.8	2902.8	*3061.8*	3099.4	3668.3	4751.6	5353.9	5404.1	5195.0
20°	2789.9	2777.3	2819.2	2923.7	*3061.8*	3095.2	3446.6	4525.7	5537.9	5696.9	5404.1
22.5°	2794.1	2794.1	2852.6	3003.2	*3162.1*	3191.4	3488.4	4337.5	5688.5	6002.2	5625.8
25°	2840.1	2831.7	2915.4	3099.4	*3316.9*	3337.8	3659.9	4329.1	5818.2	6345.2	5893.5
27.5°	2915.4	2919.6	3032.5	3254.2	*3501.0*	3542.8	3898.3	4509.0	5977.1	6721.7	6152.8
30°	3074.3	3078.5	3212.3	3438.2	*3722.6*	3777.0	4174.4	4776.7	6203.0	7127.4	6433.1
32.5°	3254.2	3275.1	3438.2	3701.7	*4007.1*	4036.3	4513.2	5178.2	6541.8	7533.1	6734.2
35°	3555.3	3576.2	3760.3	4036.3	*4375.1*	4417.0	4927.3	5642.5	6955.9	7943.0	6968.4
37.5°	3944.3	3961.1	4140.9	4475.5	*4835.2*	4877.1	5387.4	6136.1	7374.2	8269.3	7177.6
40°	4408.6	4446.3	4638.7	4964.9	*5328.8*	5353.9	5889.3	6612.9	7825.9	8495.1	7261.2
42.5°	4914.7	4952.4	5149.0	5508.7	*5843.3*	5918.6	6433.1	7119.0	8194.0	8595.5	7194.3
45°	5563.0	5554.7	5738.7	6115.2	*6508.3*	6537.6	7014.5	7537.3	8415.7	8511.9	7127.4
47.5°	6349.4	6357.8	6474.9	6780.2	*7185.9*	7252.9	7620.9	7897.0	8545.3	8444.9	7052.1
50°	7236.1	7257.1	7357.4	7579.1	*8014.1*	8060.1	8168.9	8148.0	8624.8	8302.7	7081.4
52.5°	8122.9	8135.4	8269.3	8503.5	*8926.0*	8959.4	8721.0	8340.4	8327.8	7729.7	7018.6
55°	8850.7	8846.5	9084.9	9444.6	*9959.1*	9938.2	9264.8	8194.0	7399.3	6838.8	6738.4
57.5°	9482.3	9507.4	9816.9	10440.1	*11088.4*	11071.7	9846.2	7420.2	6044.1	5784.7	6282.5
60°	10051.1	10109.7	10691.1	11623.8	*12339.1*	12238.7	9950.7	6253.2	4701.4	4529.9	5379.0
62.5°	9804.3	9913.1	10845.8	12665.3	*13648.3*	13426.6	9306.6	4843.6	3183.1	3028.3	3802.1
65°	*8750.3*	*8896.7*	*10080.4*	*12514.8*	*14313.3*	*14175.3*	*8135.4*	*3045.0*	*1677.3*	*1840.4*	*2559.8*
67.5°	7349.1	7524.7	8804.7	11243.2	*12949.8*	12652.8	6320.1	1602.0	782.2	1213.0	1589.4
70°	4028.0	4463.0	6366.1	9561.7	*10373.2*	9959.1	3655.7	757.1	568.9	757.1	949.5
72.5°	1514.2	1618.7	2760.6	6428.9	*7683.7*	7173.4	1388.7	489.4	476.8	560.5	686.0
75°	727.8	778.0	1200.4	2923.7	*4195.3*	3910.9	681.8	363.9	409.9	439.2	497.7
77.5°	435.0	468.5	748.7	1698.2	*1652.2*	1518.3	418.3	280.2	330.4	313.7	292.8
80°	259.3	288.6	455.9	966.2	*995.5*	882.6	255.1	196.6	230.1	200.8	179.9
82.5°	150.6	163.1	238.4	435.0	*631.6*	581.4	146.4	117.1	167.3	133.8	100.4
85°	75.3	79.5	108.8	188.2	*313.7*	238.4	62.7	54.4	79.5	58.6	33.5
87.5°	16.7	16.7	16.7	20.9	*29.3*	29.3	8.4	4.2	4.2	4.2	4.2
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: P1500569
CATALOG NUMBER: GSS-SB4A-740-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4391.9	4391.9	4391.9	4391.9	4391.9	4391.9	4391.9	4391.9	4391.9	4391.9	4391.9
2.5°	4400.2	4408.6	4379.3	4345.9	4337.5	4312.4	4320.8	4304.0	4278.9	4283.1	4287.3
5°	4442.1	4425.3	4366.8	4291.5	4224.6	4149.3	4061.4	3961.1	3889.9	3860.7	3885.8
7.5°	4479.7	4463.0	4362.6	4195.3	3969.4	3655.7	3329.5	3032.5	2827.5	2752.2	2769.0
10°	4584.3	4517.4	4333.3	3969.4	3429.8	2835.9	2505.5	2321.4	2258.7	2225.2	2229.4
12.5°	4722.3	4630.3	4278.9	3576.2	2760.6	2384.2	2267.0	2225.2	2204.3	2195.9	2204.3
15°	4889.6	4747.4	4149.3	3082.7	2451.1	2304.7	2279.6	2283.8	2283.8	2288.0	2288.0
17.5°	5036.0	4814.3	3915.0	2727.1	2388.3	2346.5	2371.6	2392.5	2392.5	2396.7	2392.5
20°	5169.9	4847.8	3613.9	2576.6	2400.9	2421.8	2480.4	2501.3	2505.5	2501.3	2501.3
22.5°	5312.1	4868.7	3312.7	2492.9	2430.2	2492.9	2555.7	2584.9	2593.3	2597.5	2601.7
25°	5450.1	4826.9	3065.9	2426.0	2417.6	2505.5	2576.6	2614.2	2622.6	2622.6	2626.8
27.5°	5588.1	4814.3	2898.6	2338.2	2359.1	2430.2	2513.8	2564.0	2597.5	2601.7	2605.8
30°	5747.1	4776.7	2739.7	2221.0	2229.4	2317.2	2405.1	2492.9	2559.8	2589.1	2589.1
32.5°	5855.8	4739.0	2597.5	2095.6	2095.6	2187.6	2296.3	2405.1	2501.3	2559.8	2572.4
35°	5960.4	4705.6	2472.0	1970.1	1974.3	2062.1	2175.0	2292.1	2413.4	2484.5	2518.0
37.5°	6014.8	4672.1	2384.2	1873.9	1857.1	1949.2	2024.4	2120.6	2250.3	2367.4	2396.7
40°	6027.3	4672.1	2375.8	1806.9	1735.8	1840.4	1873.9	1940.8	2057.9	2183.4	2229.4
42.5°	5943.7	4626.1	2417.6	1765.1	1610.4	1685.6	1723.3	1756.7	1832.0	1936.6	1974.3
45°	5843.3	4563.4	2455.3	1706.6	1455.6	1514.2	1572.7	1576.9	1610.4	1635.5	1660.5
47.5°	5759.6	4496.4	2388.3	1597.8	1296.6	1338.5	1401.2	1401.2	1384.5	1334.3	1317.6
50°	5826.6	4517.4	2275.4	1443.0	1150.3	1179.5	1246.5	1208.8	1171.2	1066.6	1054.0
52.5°	5885.1	4596.8	2141.6	1292.5	1024.8	1054.0	1121.0	1062.4	987.1	903.5	890.9
55°	5788.9	4601.0	1894.8	1125.2	936.9	962.0	1024.8	953.7	882.6	832.4	824.0
57.5°	5500.3	4475.5	1635.5	995.5	861.6	886.7	945.3	874.2	807.3	803.1	824.0
60°	4864.5	4036.3	1397.0	911.8	790.5	819.8	878.4	803.1	715.2	677.6	690.2
62.5°	3672.4	3103.6	1196.3	815.6	723.6	761.3	803.1	681.8	606.5	589.8	573.0
65°	*2685.3*	*2384.2*	*1075.0*	*740.3*	*660.9*	*706.9*	*673.4*	*606.5*	*556.3*	*539.6*	*531.2*
67.5°	1735.8	1618.7	924.4	669.2	602.3	640.0	593.9	560.5	506.1	497.7	510.3
70°	1062.4	1100.1	773.8	589.8	543.8	535.4	543.8	510.3	451.7	464.3	481.0
72.5°	752.9	811.5	665.1	514.5	464.3	447.6	485.2	464.3	422.5	435.0	451.7
75°	539.6	602.3	547.9	422.5	393.2	384.8	451.7	464.3	435.0	443.4	455.9
77.5°	317.9	384.8	389.0	326.3	297.0	343.0	481.0	535.4	514.5	489.4	476.8
80°	205.0	230.1	276.1	209.1	209.1	297.0	527.0	652.5	560.5	497.7	489.4
82.5°	104.6	121.3	179.9	133.8	125.5	221.7	518.7	623.2	619.0	552.1	539.6
85°	29.3	37.6	83.7	58.6	50.2	117.1	389.0	468.5	418.3	305.3	309.5
87.5°	4.2	4.2	0.0	0.0	4.2	16.7	46.0	8.4	8.4	8.4	8.4
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

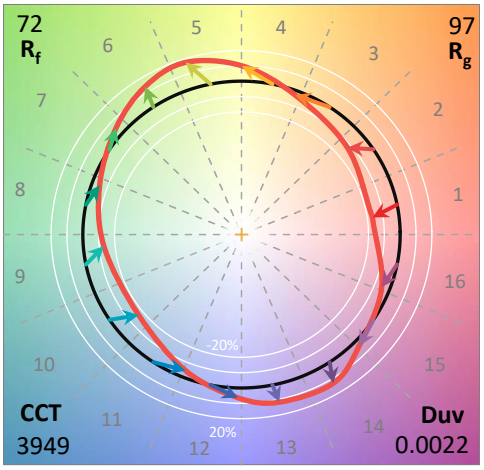
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

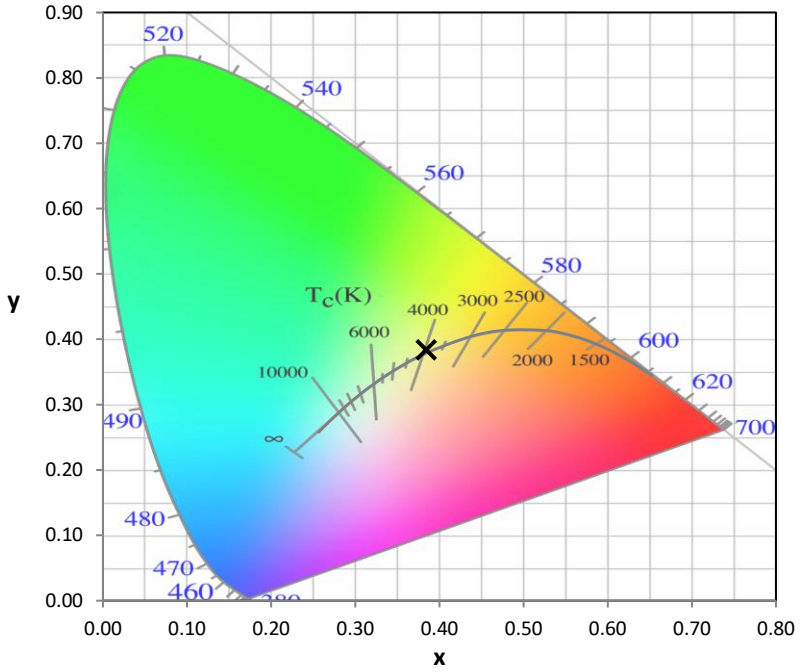
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

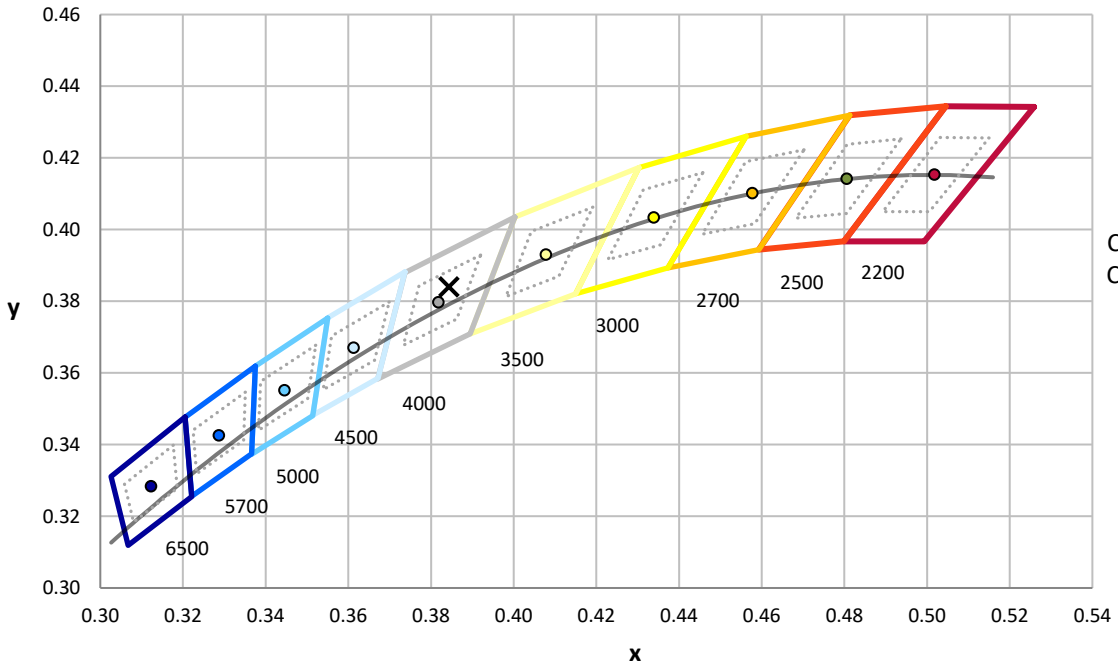
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

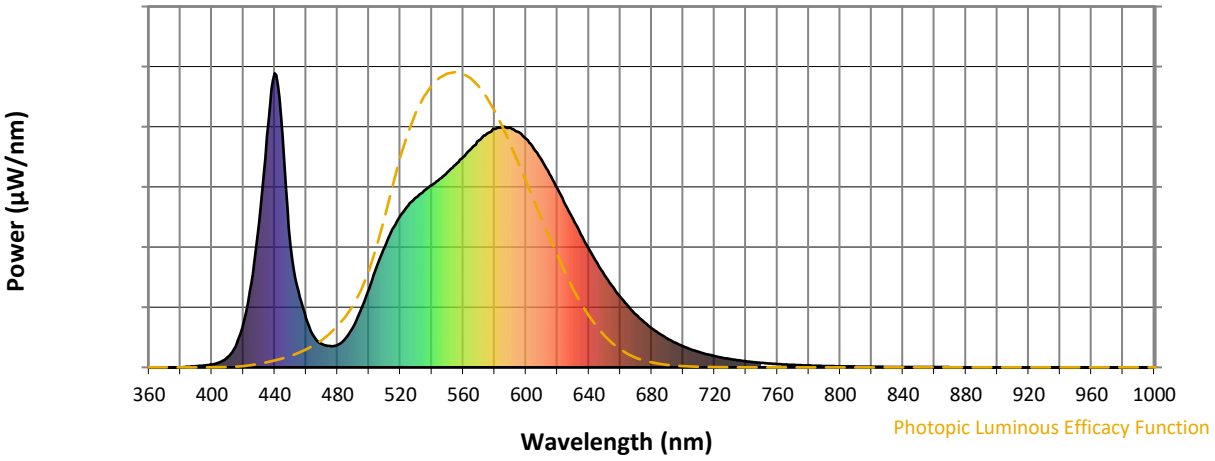


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

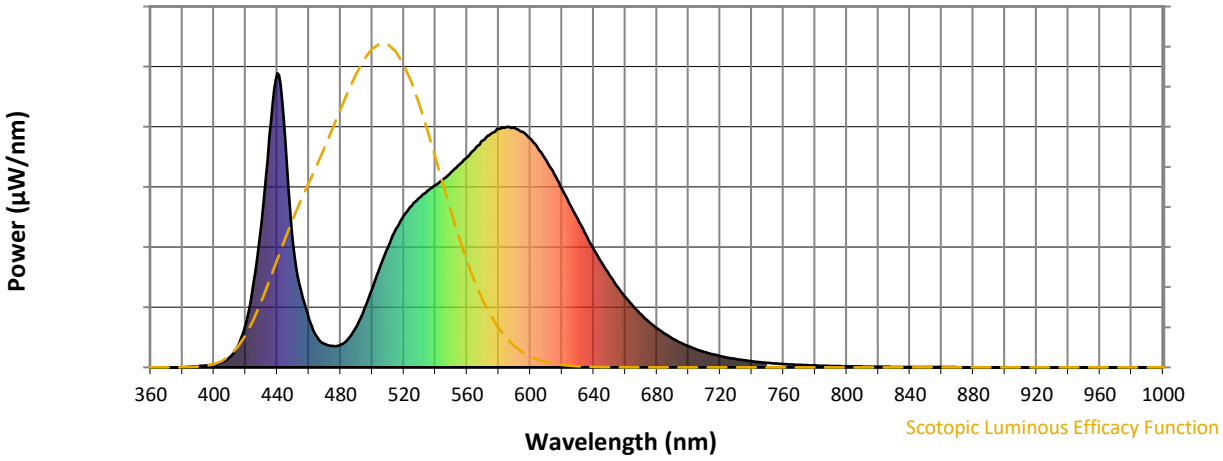


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

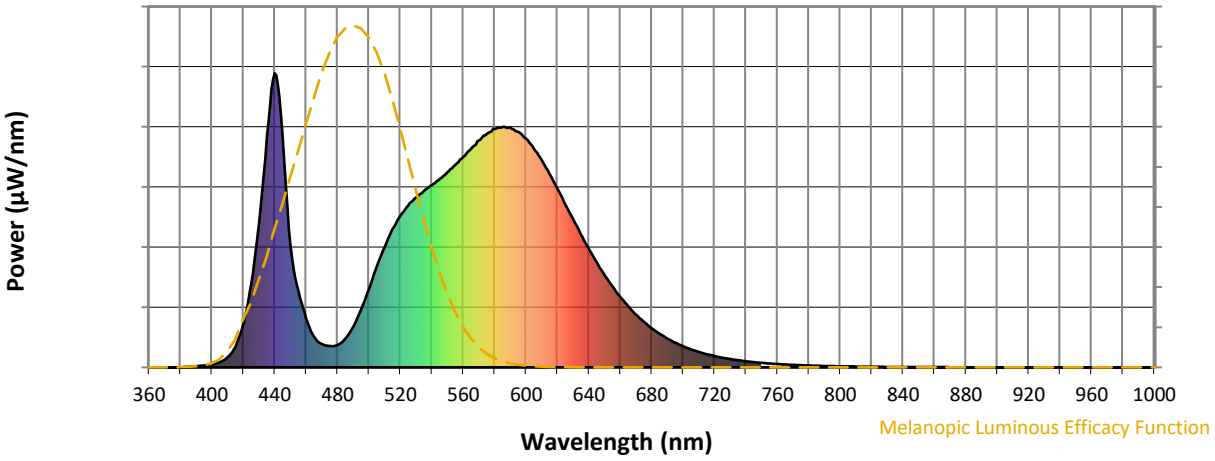


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

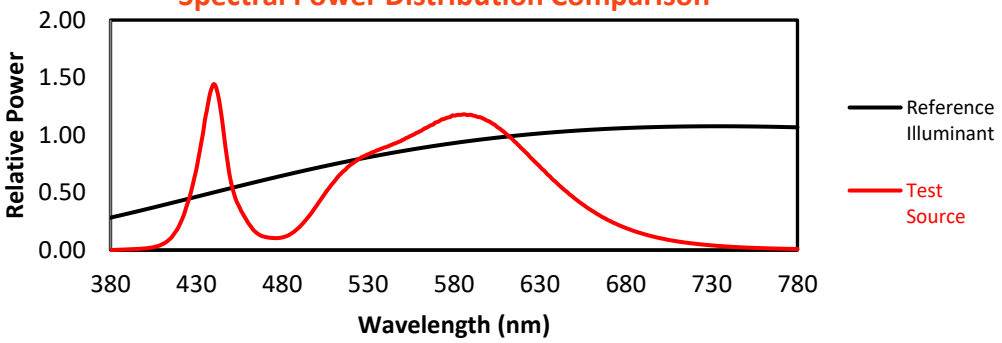
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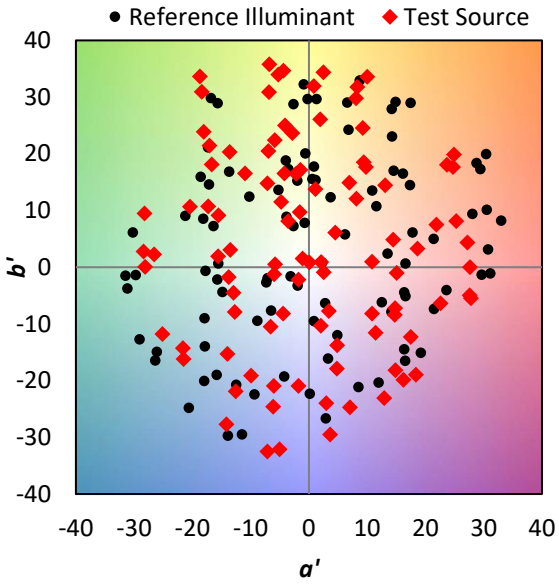
Summary

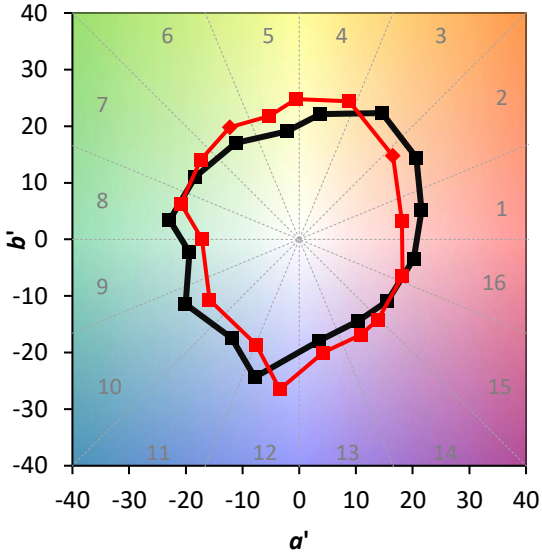
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

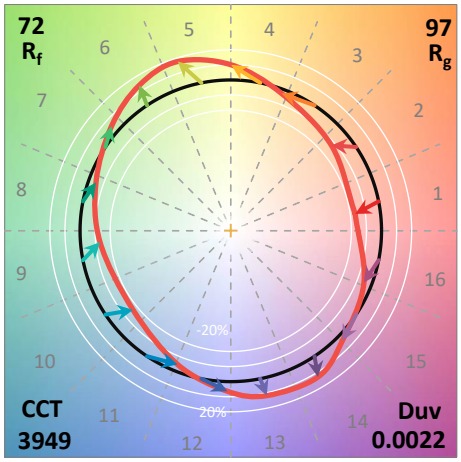
Spectral Power Distribution Comparison

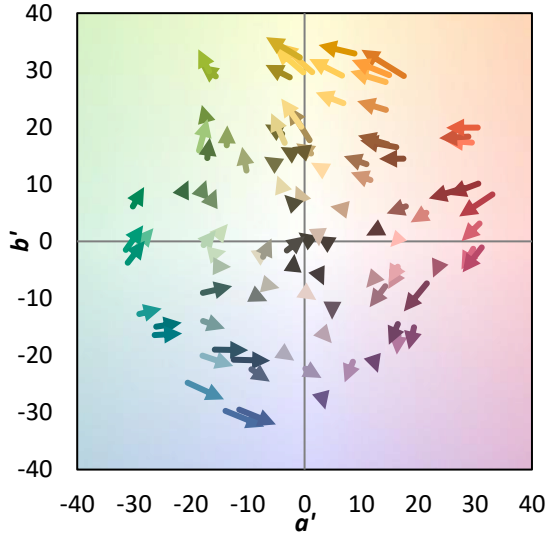


Color Vector Graphics







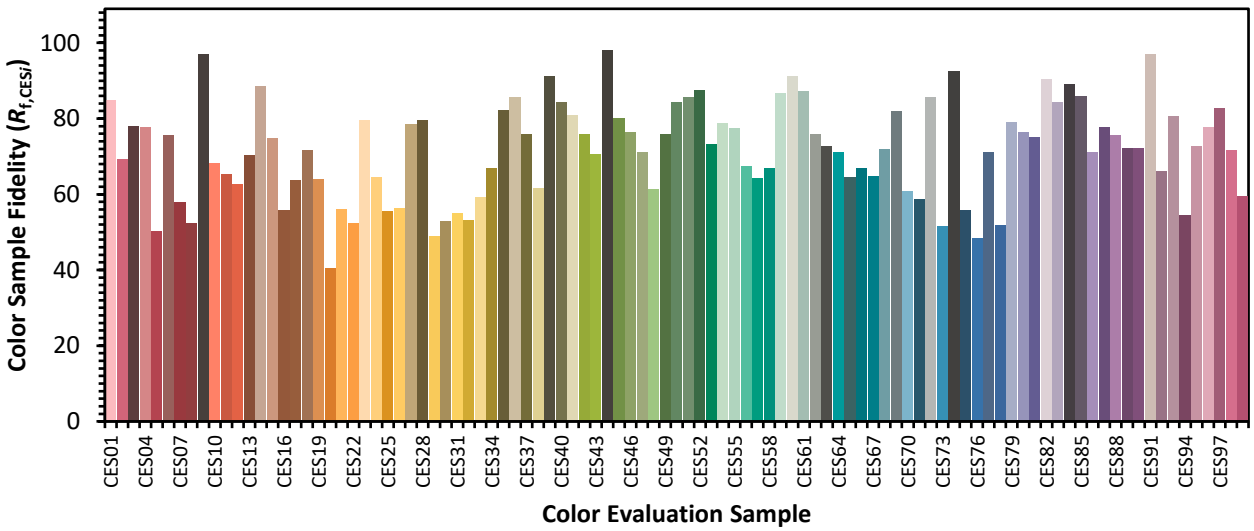


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Individual Sample Fidelity Index ($R_{f,i}$)

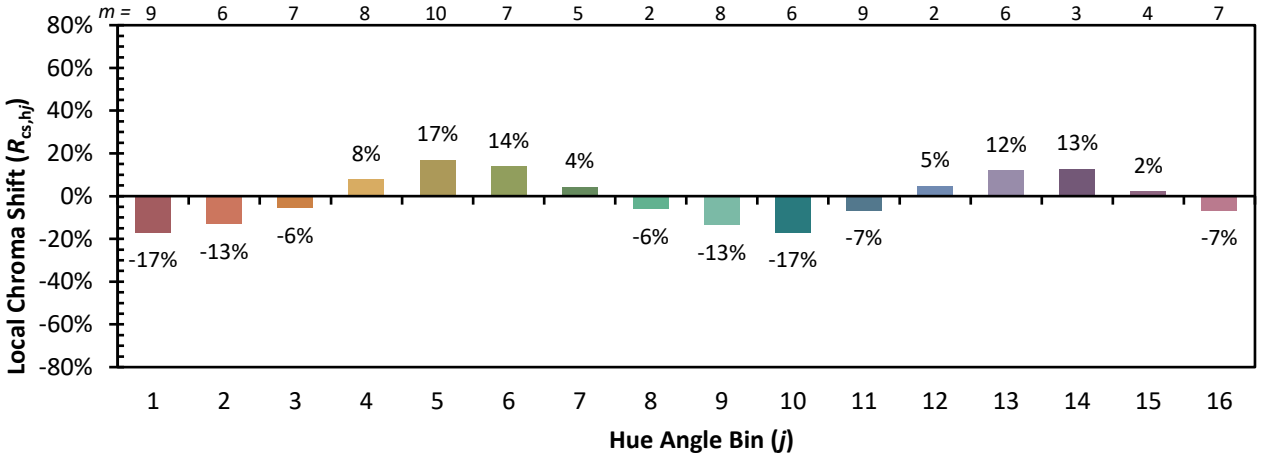
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

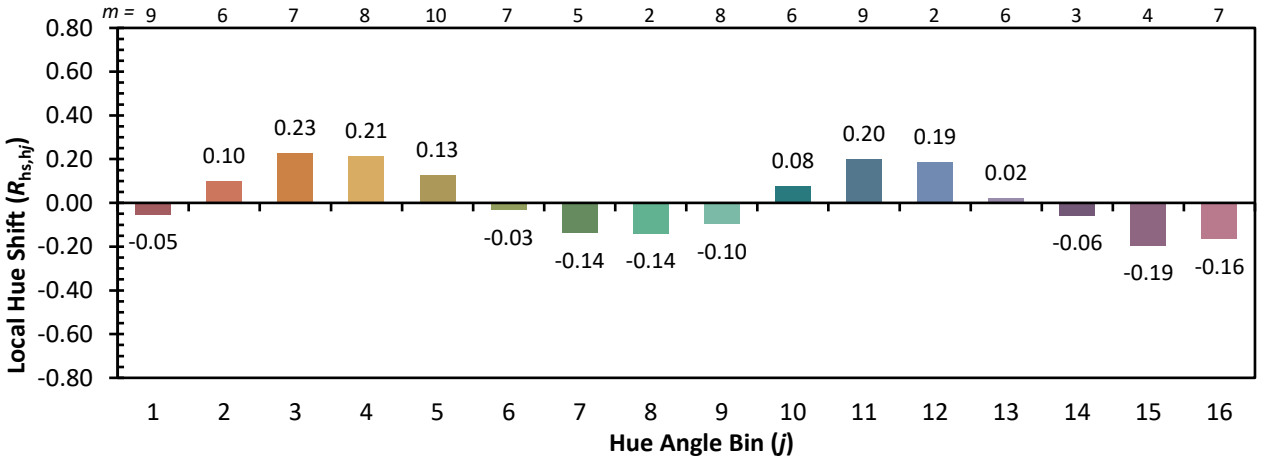


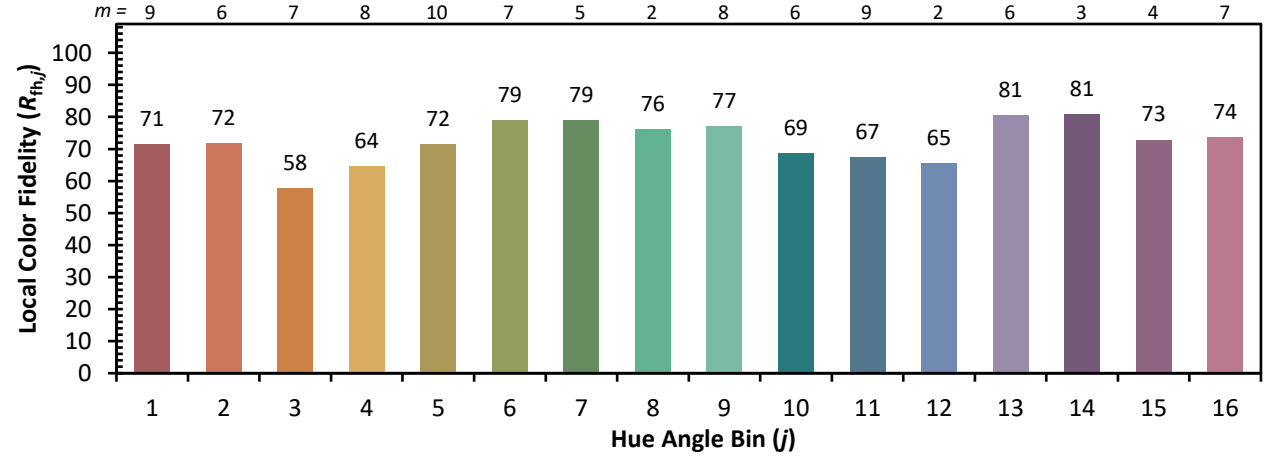
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Color Rendition by Hue-Angle Bin



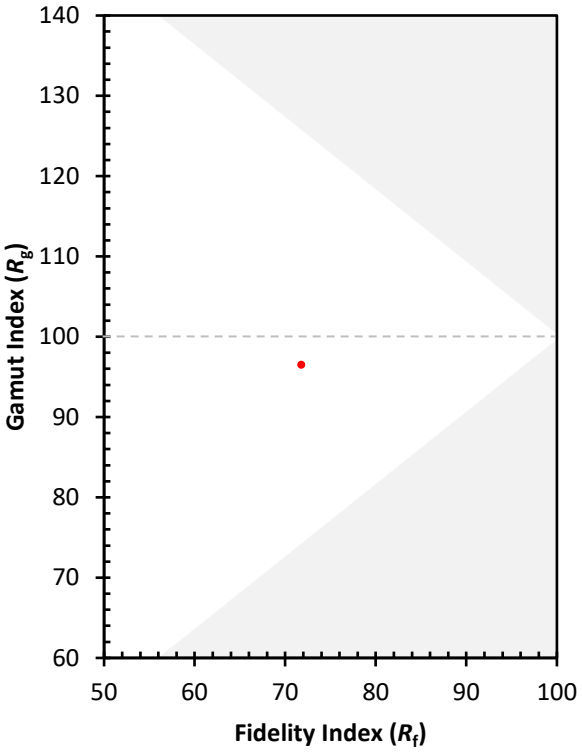


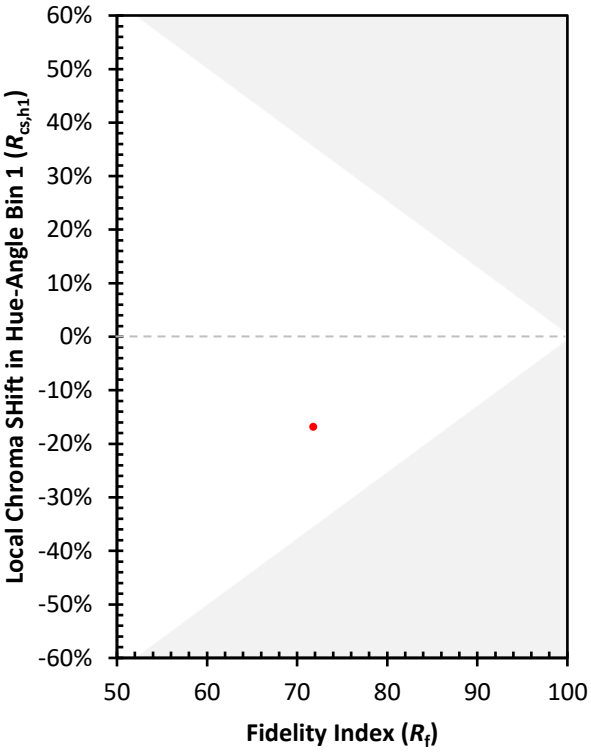


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Measure Comparisons





(END OF REPORT)