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: P1358371

Luminaire Tested: **GSS-SB4A-740-U-SL4**

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:	P1358371
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-740-U-SL4
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 4000K FIXTURE w/ TYPE IV SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17666 lumens
Efficiency:	N/A
Efficacy:	155.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

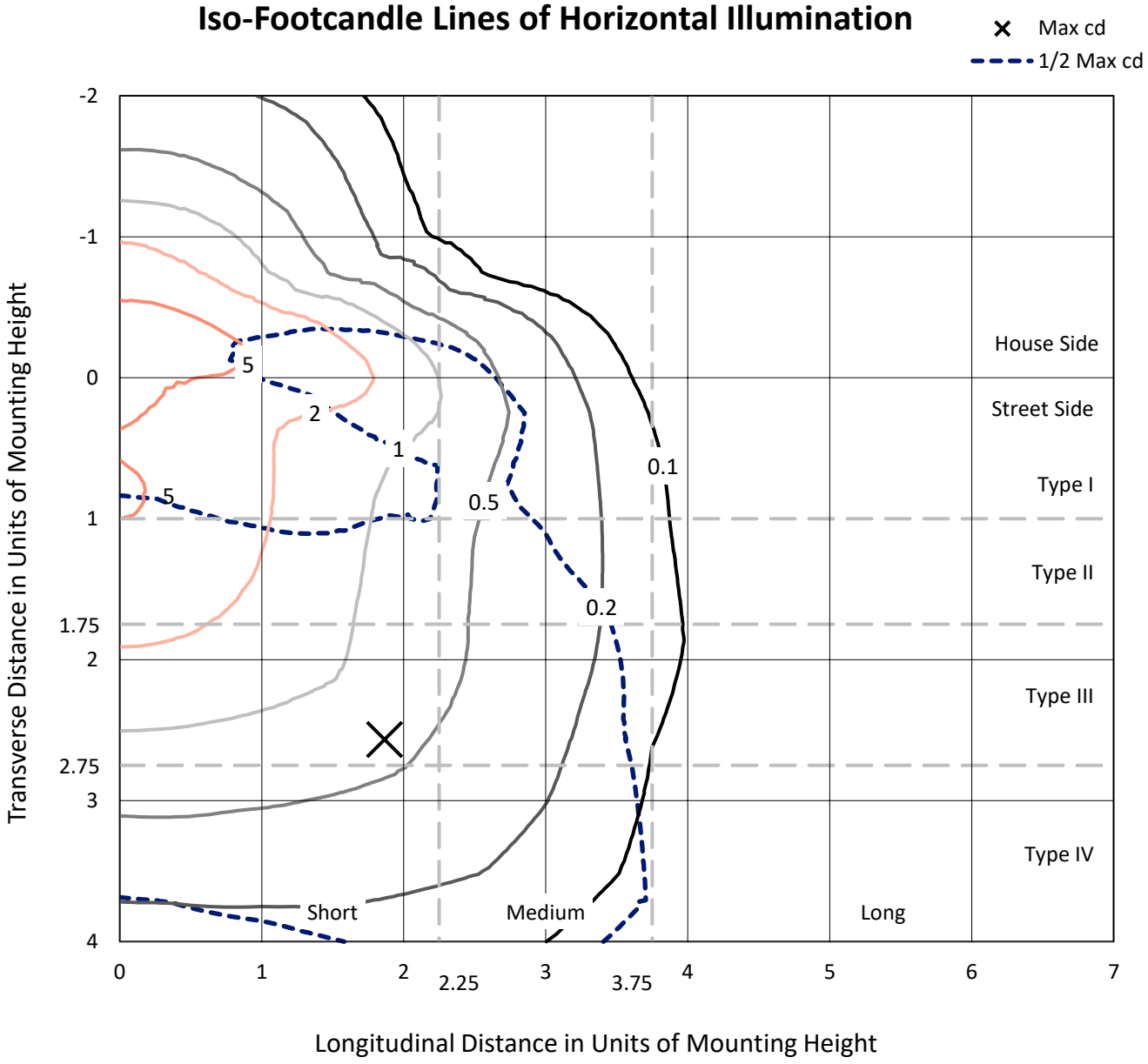
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1358371
CATALOG NUMBER: GSS-SB4A-740-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



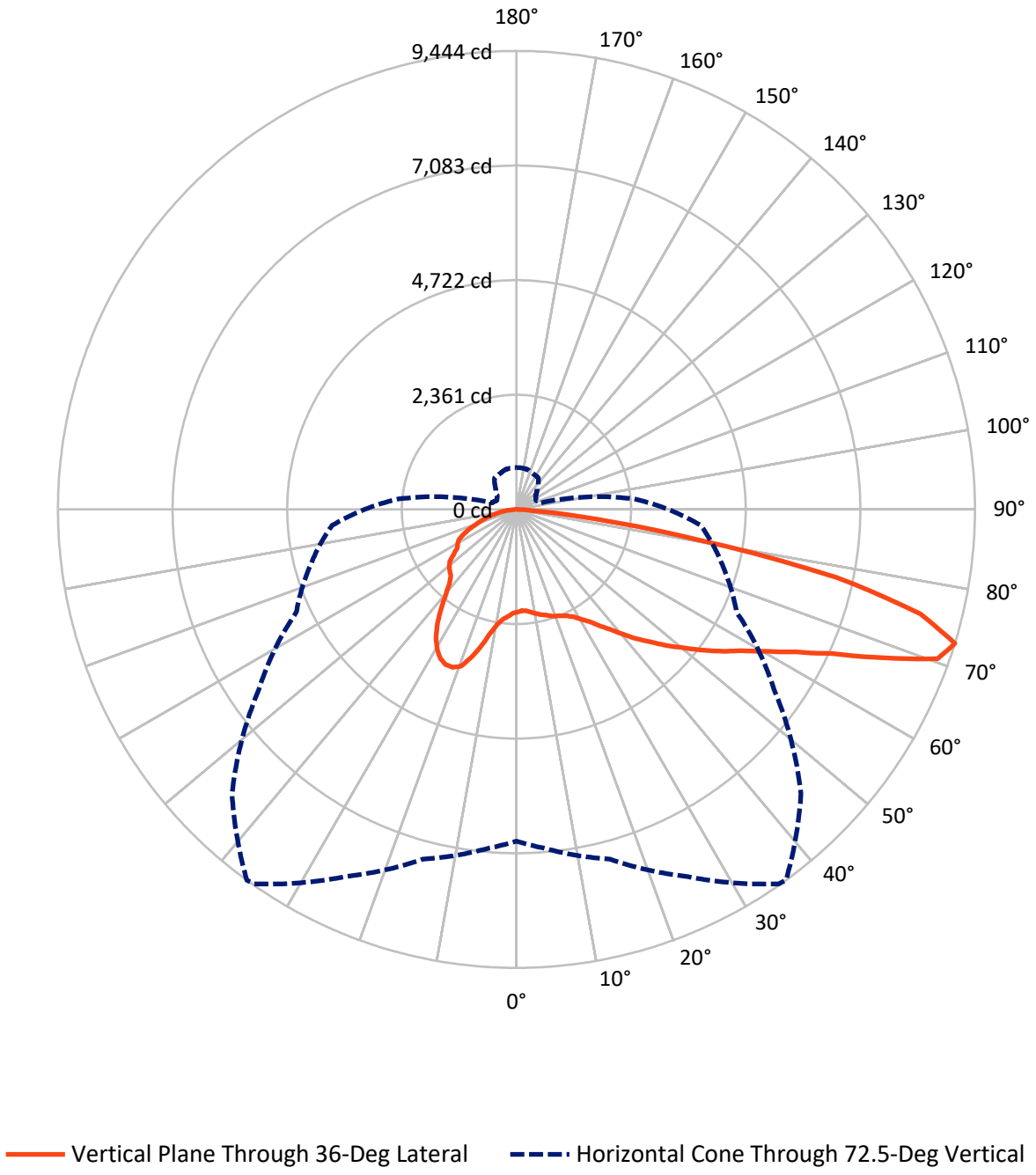
Based on 20 foot mounting height. Maximum calculated value = 7.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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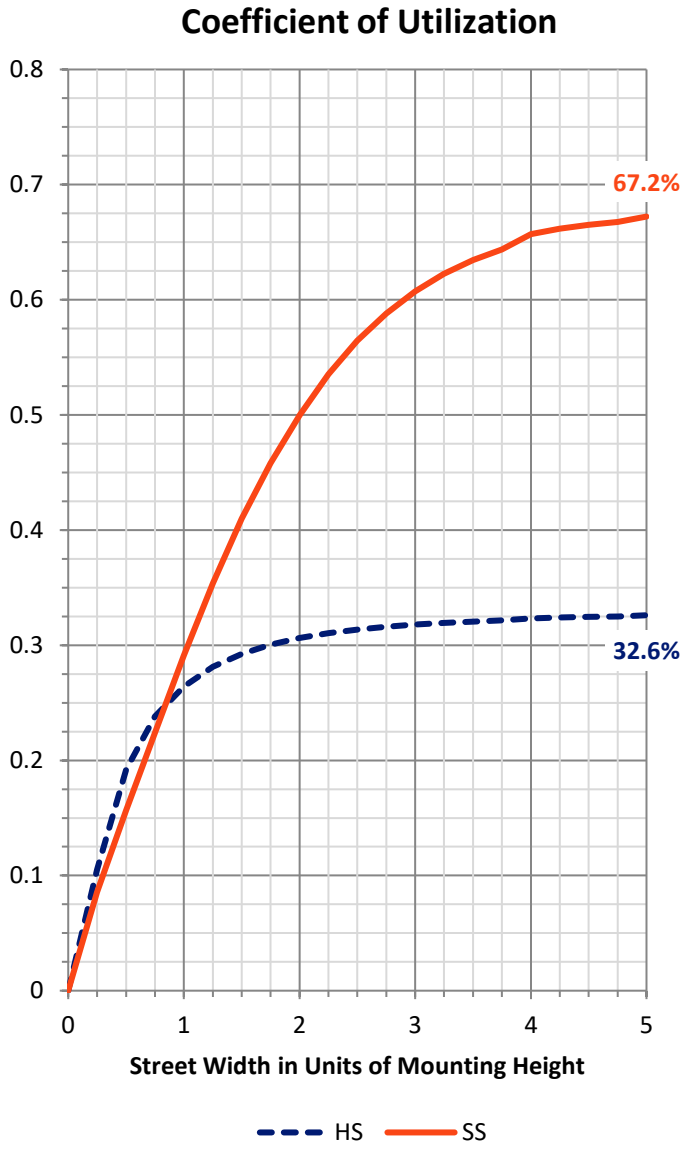
REPORT NUMBER: P1358371
CATALOG NUMBER: GSS-SB4A-740-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5813.7	0.0	5813.7
	% Fixture	32.9	0.0	32.9
Street Side	Lumens	11852.3	0.0	11852.3
	% Fixture	67.1	0.0	67.1
Total	Lumens	17666.0	0.0	17666.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.4	1.2
10°-20°	722.0	4.1
20°-30°	1370.9	7.8
30°-40°	2001.7	11.3
40°-50°	2662.4	15.1
50°-60°	3413.6	19.3
60°-70°	4015.4	22.7
70°-80°	3007.9	17.0
80°-90°	262.6	1.5
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°	17666.0	100.0
0°-180°	17666.0	100.0



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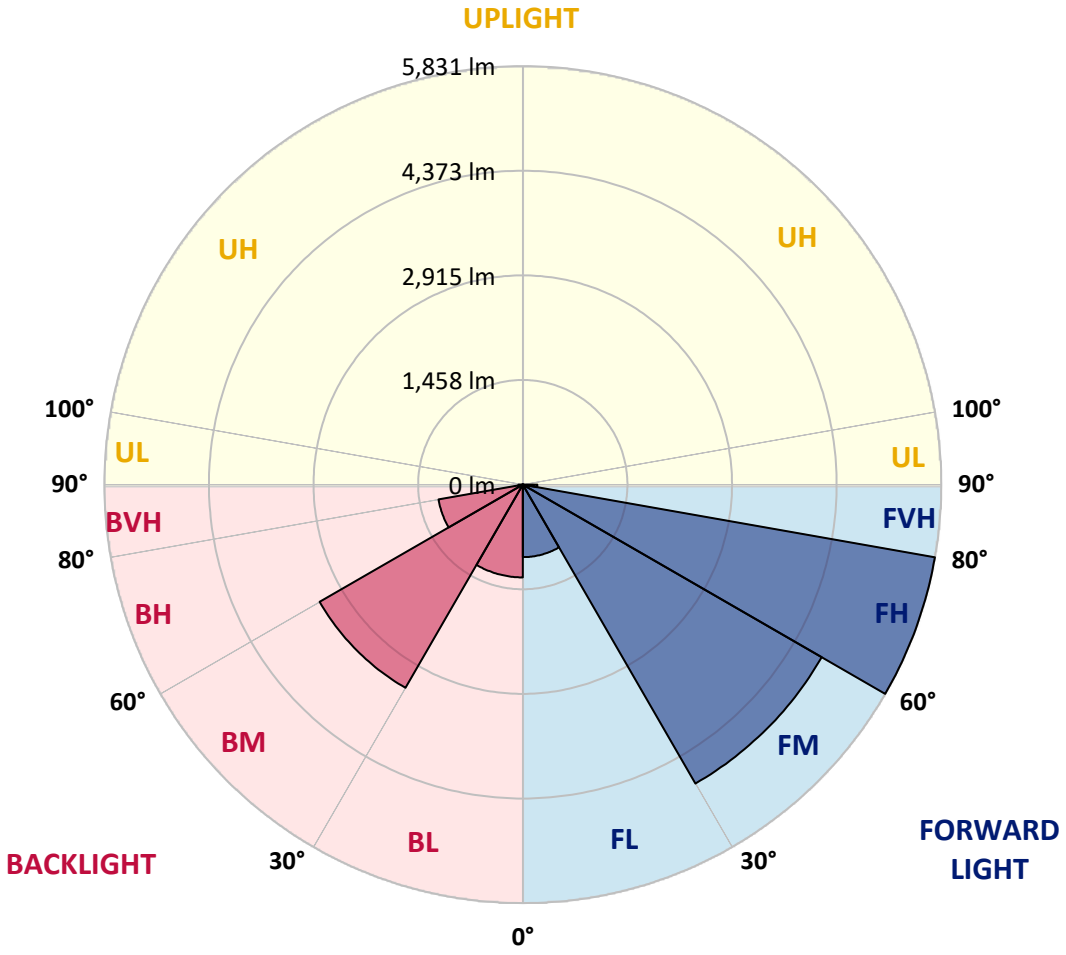
Scaled Data Report

REPORT NUMBER: P1358371
CATALOG NUMBER: GSS-SB4A-740-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1009.9	5.7			
FM	(30°-60°)	4809.3	27.2			
FH	(60°-80°)	5830.8	33.0			G3/7500
FVH	(80°-90°)	202.3	1.1			G2/225
BL	(0°-30°)	1292.4	7.3	B3/2500		
BM	(30°-60°)	3268.4	18.5	B3/5000		
BH	(60°-80°)	1192.6	6.8	B3/2500		G3/2500
BVH	(80°-90°)	60.3	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-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5
2.5°	2099.5	2087.5	2095.5	2087.5	2087.5	2087.5	2095.5	2095.5	2107.5	2107.5	2107.5
5°	2115.5	2111.5	2115.5	2111.5	2099.5	2099.5	2107.5	2099.5	2119.5	2111.5	2123.5
7.5°	2159.6	2151.6	2151.6	2139.5	2143.6	2135.5	2143.6	2131.5	2143.6	2135.5	2135.5
10°	2211.7	2199.6	2203.7	2187.6	2175.6	2179.6	2187.6	2175.6	2179.6	2183.6	2183.6
12.5°	2255.7	2247.7	2247.7	2215.7	2223.7	2223.7	2231.7	2219.7	2227.7	2223.7	2239.7
15°	2311.8	2299.8	2291.8	2267.8	2263.7	2259.7	2271.8	2259.7	2279.8	2275.8	2295.8
17.5°	2363.9	2351.9	2343.9	2303.8	2295.8	2307.8	2311.8	2303.8	2323.8	2331.9	2371.9
20°	2412.0	2416.0	2388.0	2339.9	2339.9	2343.9	2343.9	2343.9	2375.9	2388.0	2432.0
22.5°	2496.1	2488.1	2460.1	2404.0	2379.9	2379.9	2416.0	2392.0	2412.0	2440.0	2516.2
25°	2604.3	2588.3	2540.2	2468.1	2428.0	2432.0	2444.0	2428.0	2452.1	2484.1	2600.3
27.5°	2796.6	2776.6	2692.5	2548.2	2500.1	2504.1	2508.2	2464.1	2460.1	2512.2	2672.4
30°	3077.1	3053.1	2924.8	2744.5	2616.3	2624.3	2580.3	2500.1	2472.1	2528.2	2756.6
32.5°	3381.6	3349.5	3221.3	2964.9	2792.6	2752.6	2668.4	2528.2	2484.1	2544.2	2832.7
35°	3746.2	3718.2	3561.9	3201.3	2964.9	2940.9	2772.6	2588.3	2516.2	2556.2	2904.8
37.5°	4263.1	4190.9	4002.6	3505.8	3173.3	3137.2	2908.8	2672.4	2520.2	2548.2	3005.0
40°	4707.8	4635.7	4431.3	3890.4	3437.7	3381.6	3109.2	2772.6	2560.2	2564.2	3133.2
42.5°	5172.6	5104.5	4884.1	4215.0	3674.1	3646.0	3285.4	2892.8	2612.3	2608.3	3277.4
45°	5661.4	5665.4	5324.8	4603.6	3954.6	3898.5	3501.8	3053.1	2708.5	2660.4	3513.8
47.5°	6350.5	6274.4	5857.7	4976.2	4267.1	4194.9	3730.2	3221.3	2852.7	2780.6	3778.3
50°	6907.4	6851.3	6346.5	5405.0	4559.6	4483.4	3998.6	3405.6	2980.9	2948.9	4130.8
52.5°	7372.2	7276.1	6811.3	5809.6	4888.1	4820.0	4219.0	3585.9	3161.2	3145.2	4543.5
55°	7628.6	7528.5	7131.8	6186.2	5260.7	5156.5	4467.4	3802.3	3377.6	3385.6	5004.3
57.5°	7829.0	7724.8	7336.2	6470.7	5629.3	5489.1	4739.9	4038.7	3634.0	3710.1	5633.3
60°	7901.1	7796.9	7508.4	6847.3	6026.0	5937.8	5048.4	4331.2	3930.5	4090.8	6246.3
62.5°	8005.3	8029.3	7825.0	7308.1	6542.8	6466.7	5445.0	4691.8	4295.1	4423.3	6462.7
65°	8089.4	8077.4	8101.4	7945.2	7264.0	7155.9	6034.0	5160.5	4539.5	4535.5	6354.5
67.5°	7893.1	7905.1	8033.3	8417.9	8265.7	8161.5	6795.3	5593.3	4655.7	4747.9	6010.0
70°	7744.8	7780.9	7953.2	8434.0	9195.2	9207.3	7857.0	5961.9	4988.3	4747.9	5048.4
72.5°	6831.3	7015.6	7460.4	8345.8	9415.6	9443.6	8285.7	6478.7	5000.3	4387.3	3814.3
75°	4523.5	4667.7	5853.7	7488.4	8634.3	8590.2	7672.7	6230.3	4679.8	3577.9	2428.0
77.5°	1334.2	1606.7	2740.5	4643.7	6462.7	6743.2	6294.4	4263.1	3469.7	1678.8	865.4
80°	380.6	424.7	765.3	1630.7	3489.8	3790.3	3910.5	2039.4	1029.7	444.7	288.5
82.5°	184.3	192.3	276.5	456.8	1494.5	1634.7	1370.3	617.0	276.5	160.3	112.2
85°	32.1	40.1	68.1	136.2	268.4	324.5	304.5	124.2	84.1	72.1	52.1
87.5°	8.0	8.0	12.0	12.0	16.0	16.0	16.0	20.0	20.0	20.0	20.0
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-SB4A-740-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5	2115.5
2.5°	2127.5	2127.5	2143.6	2151.6	2151.6	2139.5	2139.5	2175.6	2159.6	2167.6	2163.6
5°	2131.5	2147.6	2147.6	2171.6	2183.6	2203.7	2211.7	2227.7	2243.7	2243.7	2239.7
7.5°	2155.6	2167.6	2187.6	2203.7	2235.7	2267.8	2279.8	2327.9	2335.9	2355.9	2347.9
10°	2191.6	2211.7	2243.7	2287.8	2327.9	2379.9	2404.0	2456.1	2484.1	2516.2	2496.1
12.5°	2247.7	2271.8	2323.8	2383.9	2472.1	2552.2	2616.3	2668.4	2708.5	2744.5	2732.5
15°	2307.8	2355.9	2424.0	2532.2	2688.5	2832.7	2916.8	3005.0	3025.0	3057.1	3053.1
17.5°	2412.0	2444.0	2580.3	2796.6	3001.0	3125.2	3197.3	3241.4	3229.3	3241.4	3233.4
20°	2496.1	2576.3	2820.7	3137.2	3337.5	3417.7	3425.7	3385.6	3301.5	3285.4	3253.4
22.5°	2620.3	2740.5	3133.2	3461.7	3622.0	3614.0	3497.8	3377.6	3269.4	3225.3	3209.3
25°	2740.5	2956.9	3461.7	3770.2	3814.3	3674.1	3497.8	3341.5	3197.3	3153.2	3117.2
27.5°	2892.8	3205.3	3834.4	4030.7	3898.5	3682.1	3421.7	3245.4	3109.2	3037.0	3021.0
30°	3049.1	3493.8	4146.9	4154.9	3922.5	3598.0	3281.4	3125.2	2968.9	2896.8	2900.8
32.5°	3261.4	3810.3	4411.3	4247.0	3854.4	3429.7	3093.1	2924.8	2788.6	2752.6	2744.5
35°	3469.7	4166.9	4623.7	4255.0	3694.1	3193.3	2844.7	2656.4	2572.3	2536.2	2552.2
37.5°	3766.2	4531.5	4747.9	4178.9	3461.7	2876.8	2552.2	2404.0	2339.9	2327.9	2343.9
40°	4090.8	4868.1	4828.0	4090.8	3145.2	2540.2	2271.8	2179.6	2139.5	2147.6	2175.6
42.5°	4439.4	5144.5	4888.1	3890.4	2772.6	2231.7	2047.4	2007.3	2067.4	2103.5	2127.5
45°	4812.0	5396.9	4908.1	3606.0	2424.0	1995.3	1919.2	1995.3	2087.5	2103.5	2115.5
47.5°	5180.6	5617.3	4908.1	3229.3	2091.5	1839.0	1879.1	1979.3	2051.4	2023.4	2027.4
50°	5533.2	5793.6	4896.1	2792.6	1859.1	1758.9	1827.0	1891.1	1859.1	1778.9	1787.0
52.5°	5853.7	5949.9	4812.0	2343.9	1666.8	1738.9	1742.9	1662.8	1590.6	1550.6	1558.6
55°	6210.3	6094.1	4563.6	1943.2	1542.6	1686.8	1574.6	1470.4	1506.5	1494.5	1490.5
57.5°	6582.9	6262.4	4223.0	1598.6	1426.4	1562.6	1438.4	1430.4	1426.4	1410.3	1390.3
60°	6903.4	6398.6	3714.2	1258.1	1254.1	1374.3	1410.3	1390.3	1370.3	1338.2	1322.2
62.5°	6719.1	6058.0	2968.9	1017.7	1077.8	1226.0	1358.2	1318.2	1322.2	1294.1	1282.1
65°	6198.3	5384.9	2023.4	849.4	909.5	1093.8	1234.0	1198.0	1178.0	1169.9	1161.9
67.5°	5525.2	4663.7	1334.2	673.1	761.3	957.6	1089.8	1045.7	1073.8	1073.8	1069.8
70°	4347.2	3565.9	841.4	548.9	605.0	793.3	905.5	925.5	965.6	969.6	965.6
72.5°	*3125.2*	*2440.0*	*524.9*	*440.7*	*480.8*	*605.0*	*789.3*	*809.3*	*853.4*	*861.4*	*861.4*
75°	1843.1	1374.3	352.6	352.6	372.6	492.8	653.1	717.2	737.2	745.2	737.2
77.5°	741.2	528.9	232.4	260.4	288.5	396.7	500.8	581.0	572.9	568.9	548.9
80°	264.4	228.4	160.3	172.3	208.3	296.5	372.6	396.7	420.7	408.7	396.7
82.5°	108.2	104.2	100.2	112.2	124.2	180.3	260.4	260.4	264.4	260.4	256.4
85°	40.1	40.1	48.1	56.1	68.1	84.1	116.2	148.2	124.2	88.1	92.2
87.5°	20.0	20.0	16.0	16.0	20.0	28.0	28.0	36.1	36.1	20.0	12.0
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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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

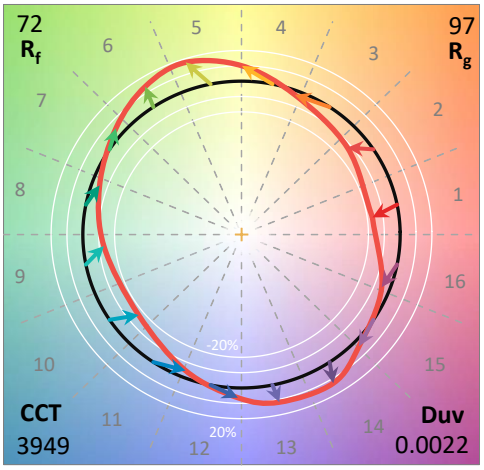
Test Information

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

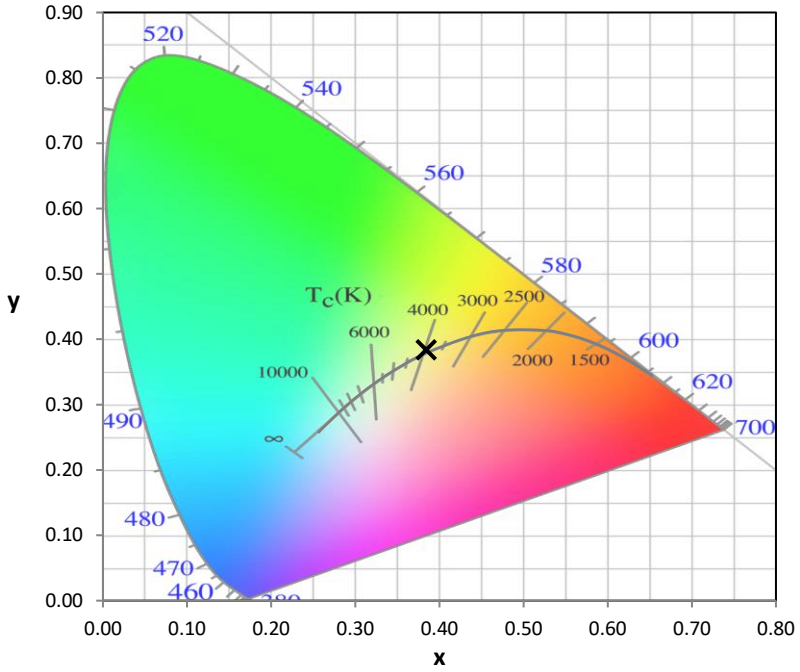
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

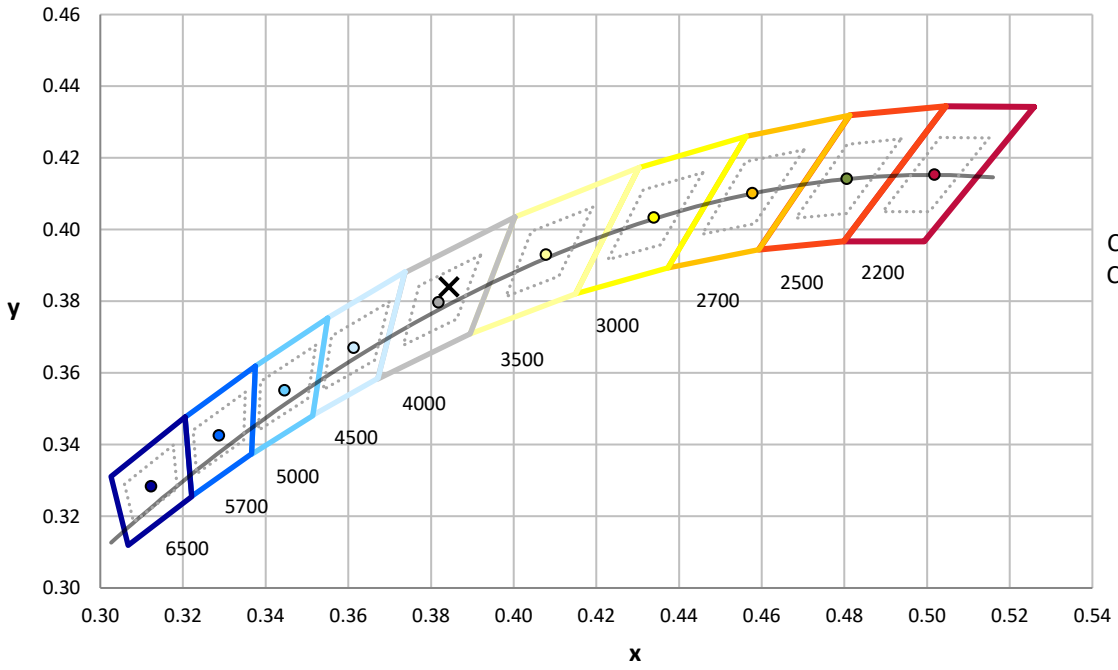
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

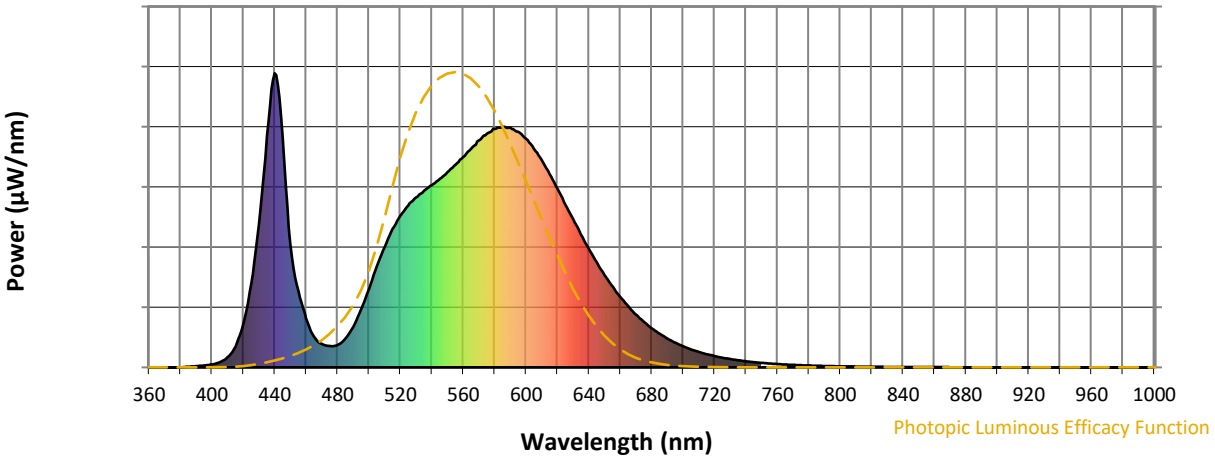


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

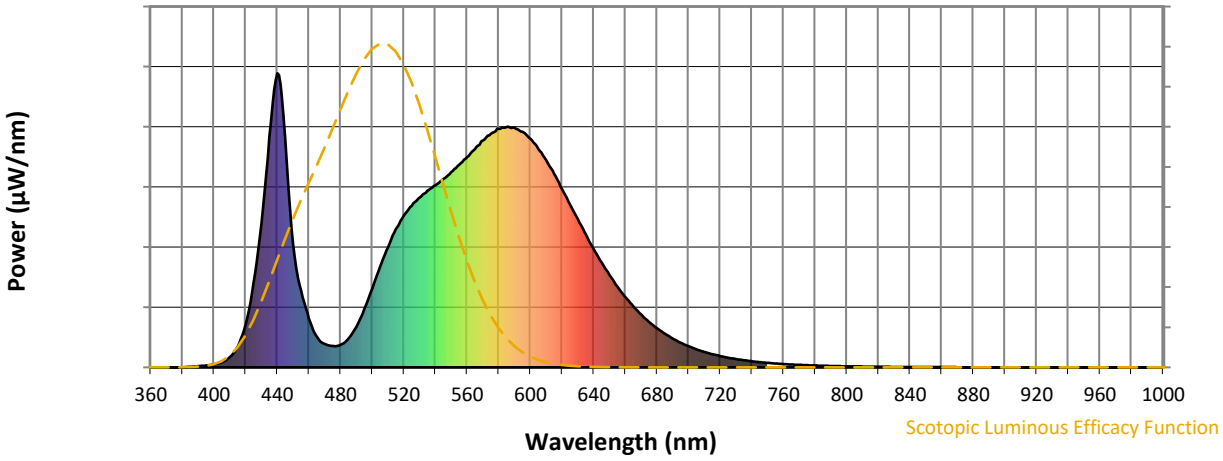


Photopic Lumens: NR

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

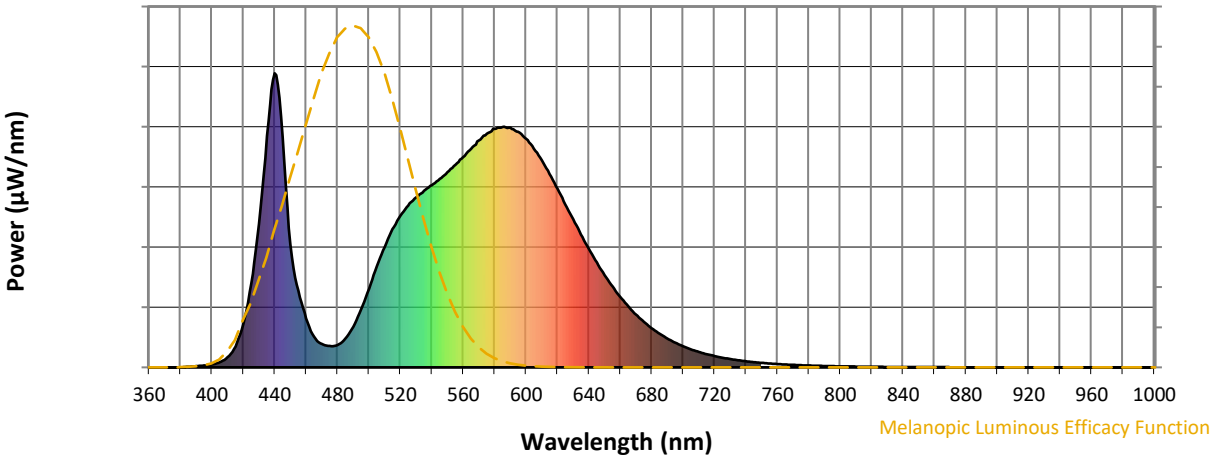


Scotopic Lumens: NR **S/P: 1.47**

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			

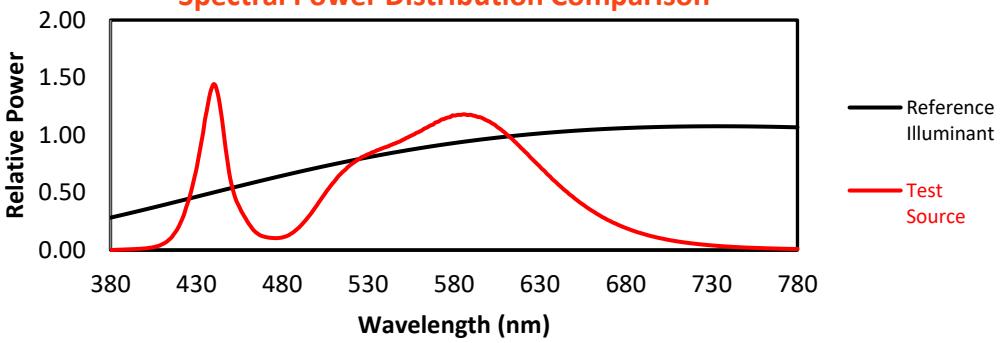
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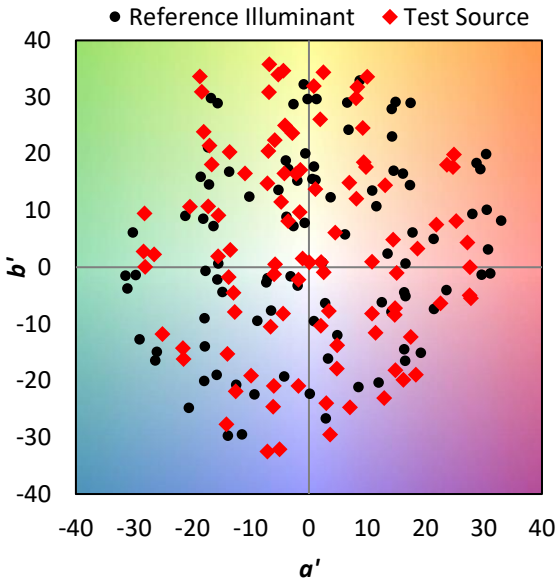
Summary

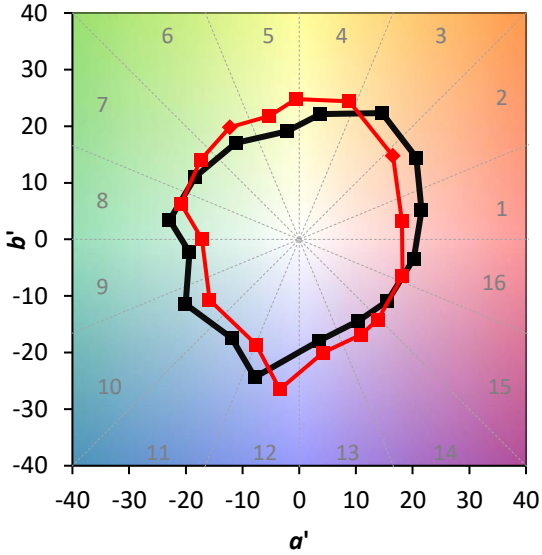
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

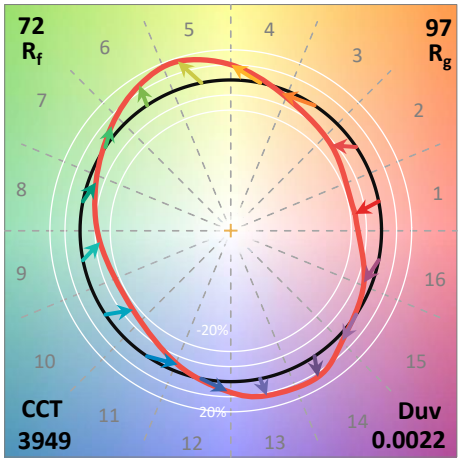
Spectral Power Distribution Comparison

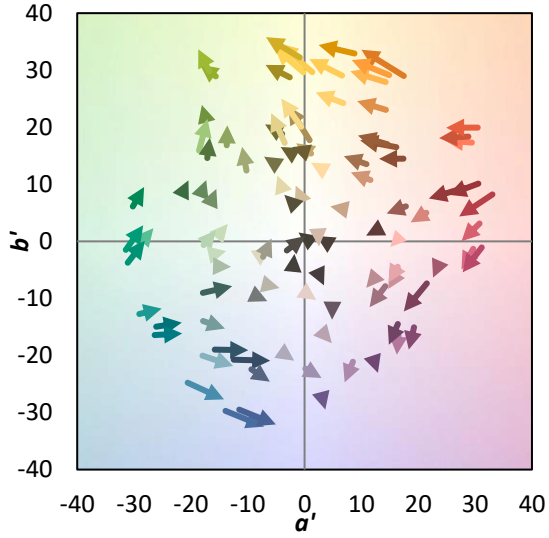


Color Vector Graphics







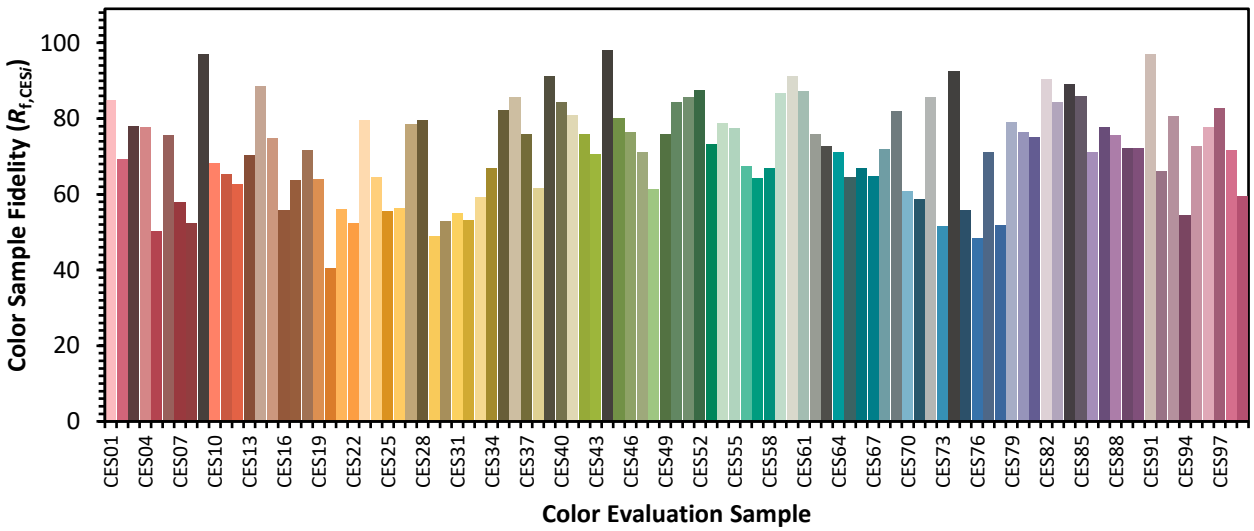


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Individual Sample Fidelity Index ($R_{f,i}$)

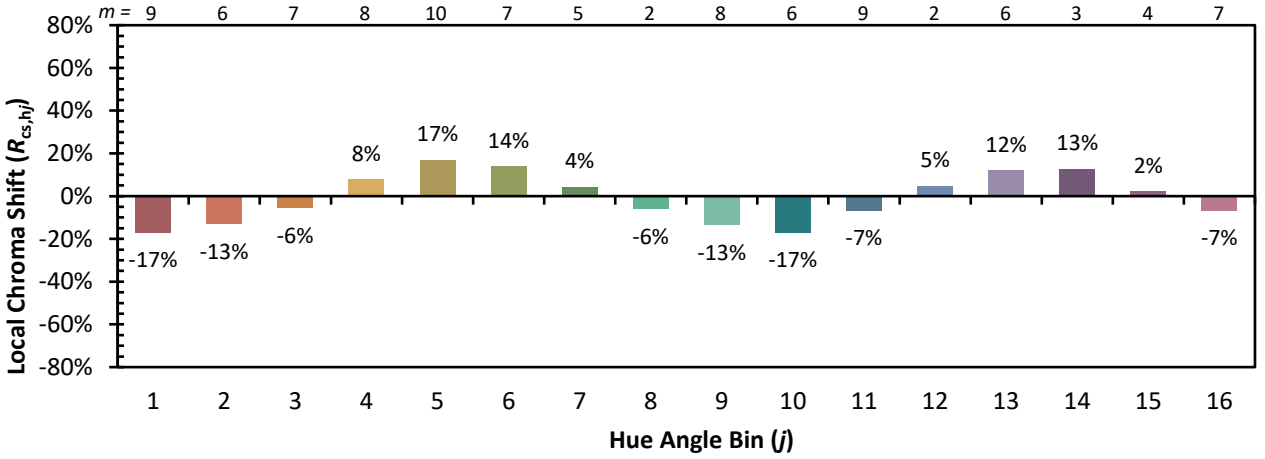
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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	

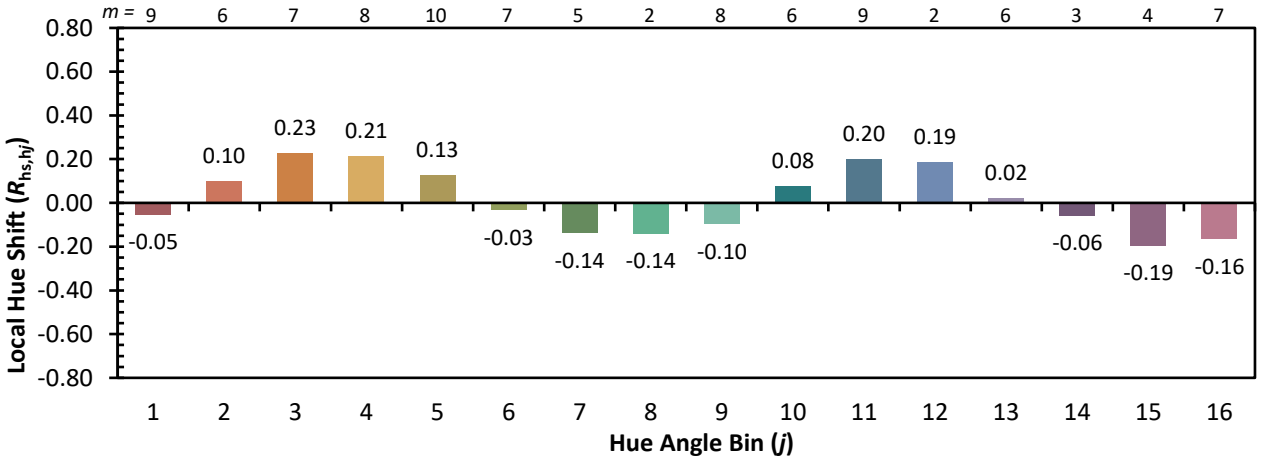


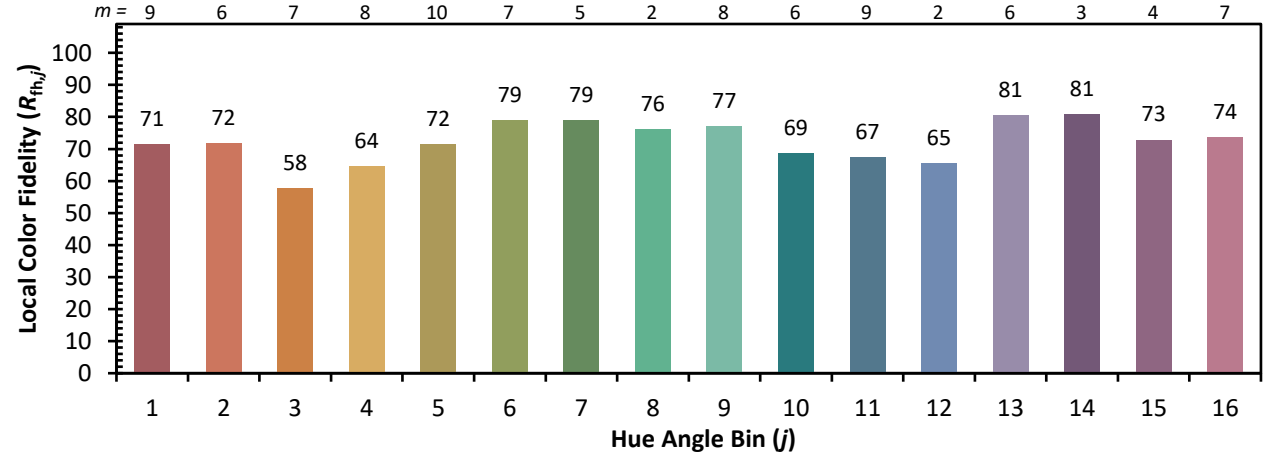
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Color Rendition by Hue-Angle Bin



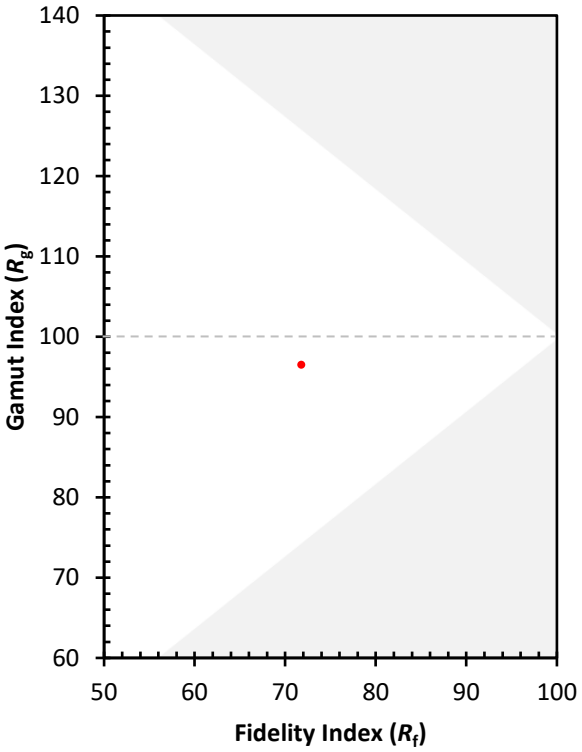


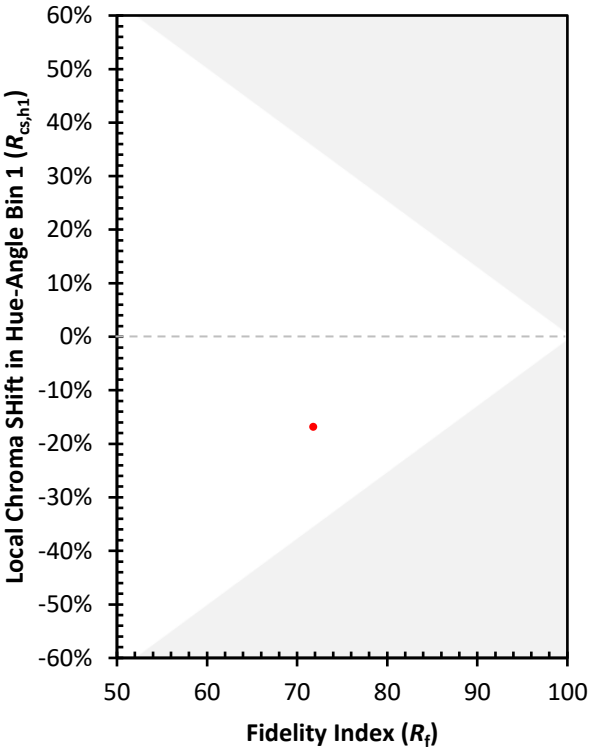


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Measure Comparisons





(END OF REPORT)