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: P1358420

Luminaire Tested: **GSS-SB4B-727-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:	P1358420
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-727-U-SL4
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2700K FIXTURE w/ TYPE IV SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19519.4 lumens
Efficiency:	N/A
Efficacy:	131.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

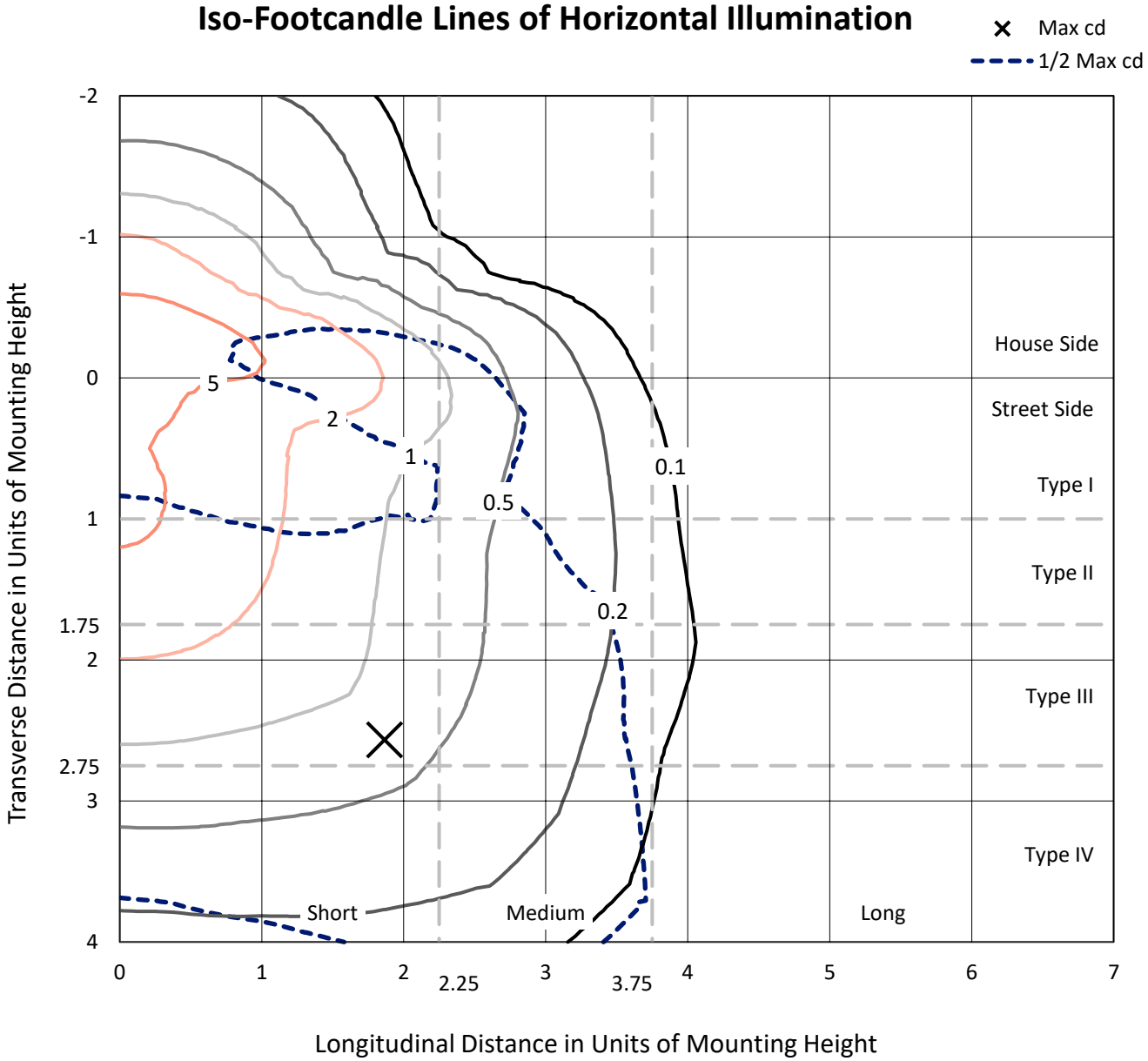
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1358420
CATALOG NUMBER: GSS-SB4B-727-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



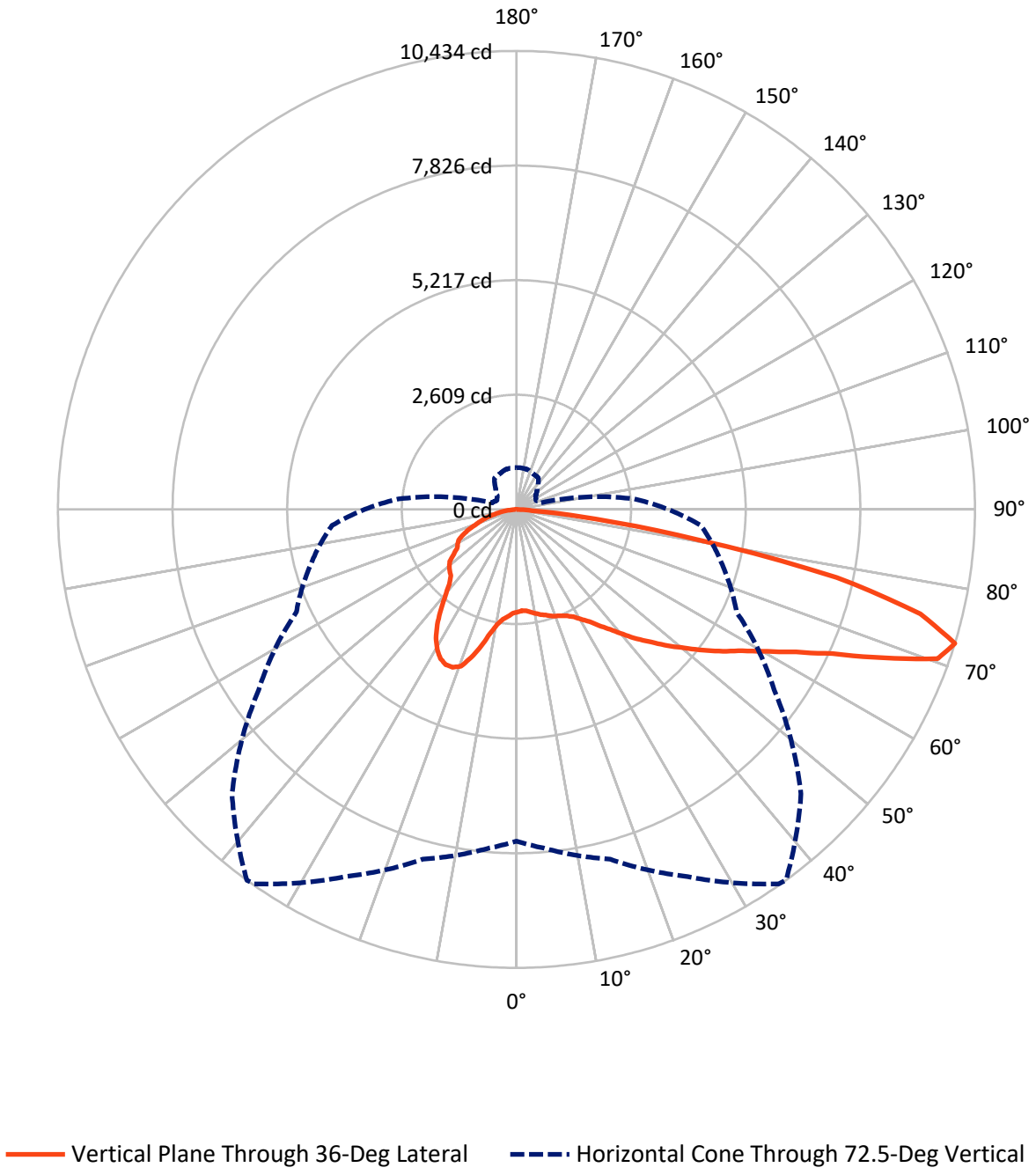
Based on 20 foot mounting height. Maximum calculated value = 7.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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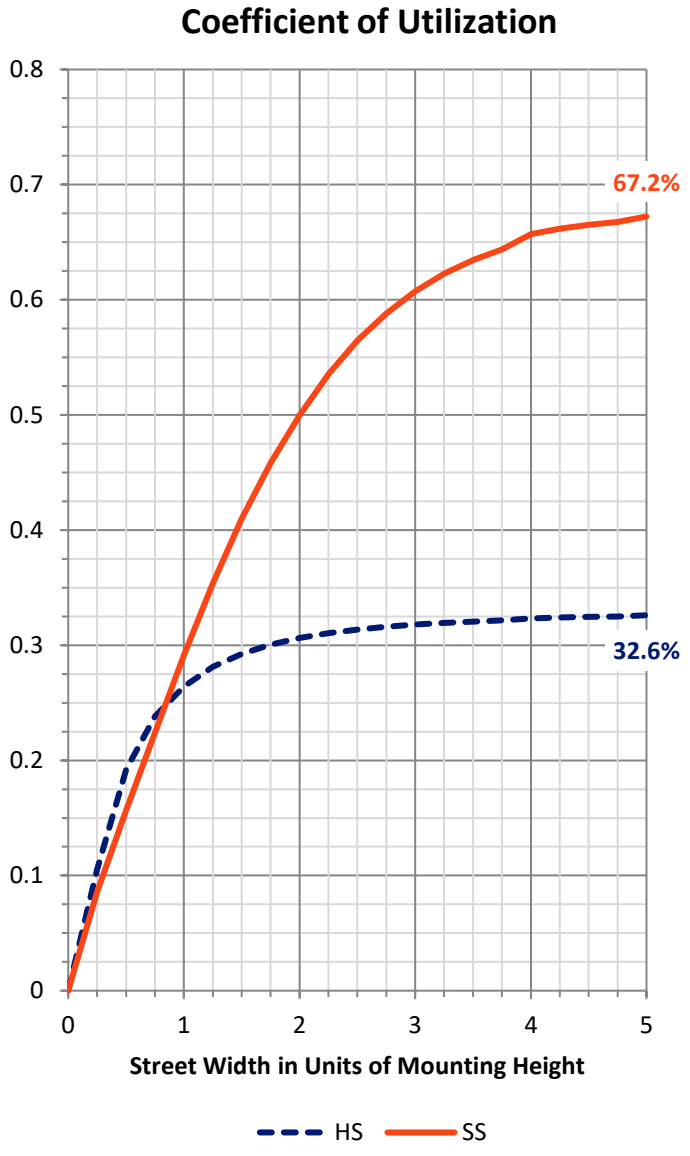
REPORT NUMBER: P1358420
CATALOG NUMBER: GSS-SB4B-727-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6423.6	0.0	6423.6
	% Fixture	32.9	0.0	32.9
Street Side	Lumens	13095.8	0.0	13095.8
	% Fixture	67.1	0.0	67.1
Total	Lumens	19519.4	0.0	19519.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	231.4	1.2
10°-20°	797.7	4.1
20°-30°	1514.7	7.8
30°-40°	2211.7	11.3
40°-50°	2941.7	15.1
50°-60°	3771.7	19.3
60°-70°	4436.7	22.7
70°-80°	3323.5	17.0
80°-90°	290.1	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°	19519.4	100.0
0°-180°	19519.4	100.0



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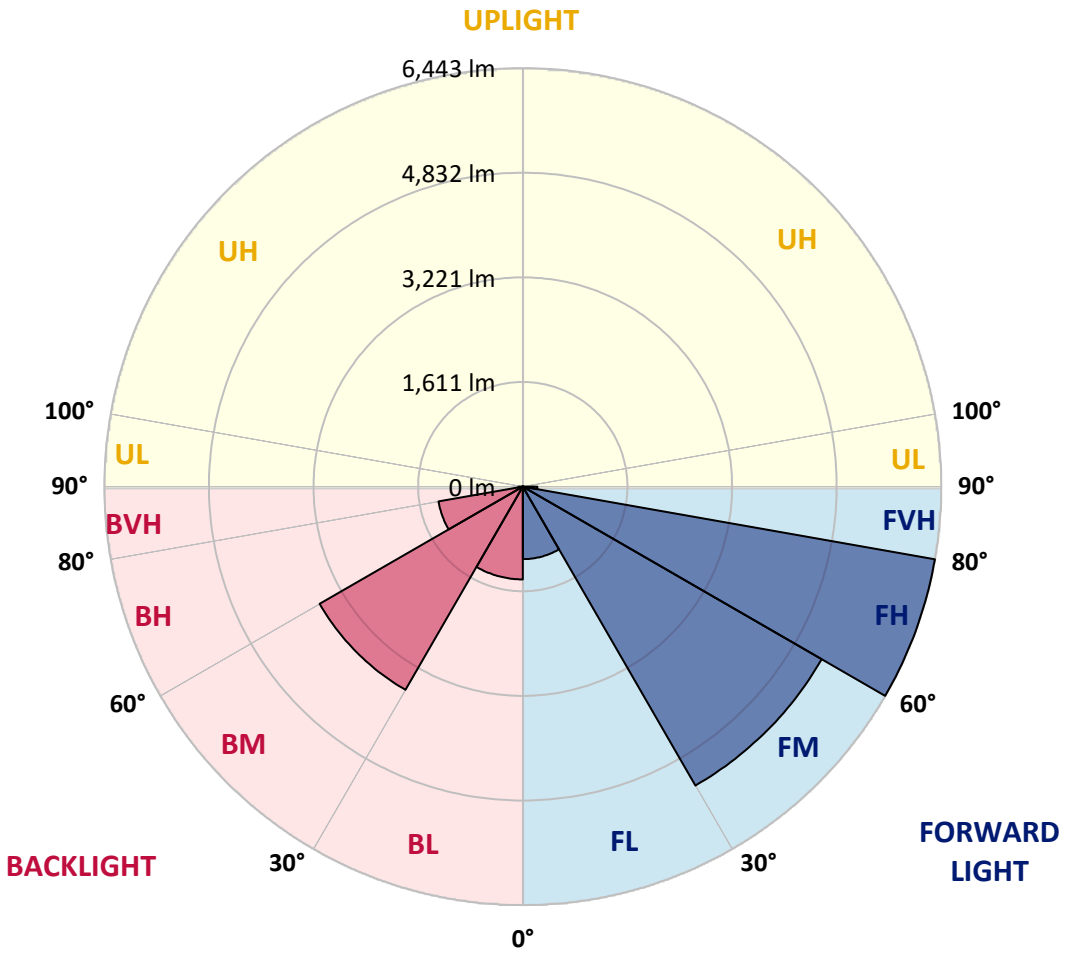
Scaled Data Report

REPORT NUMBER: P1358420
CATALOG NUMBER: GSS-SB4B-727-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1115.9	5.7			
FM	(30°-60°)	5313.9	27.2			
FH	(60°-80°)	6442.5	33.0			G3/7500
FVH	(80°-90°)	223.5	1.1			G2/225
BL	(0°-30°)	1427.9	7.3	B3/2500		
BM	(30°-60°)	3611.3	18.5	B3/5000		
BH	(60°-80°)	1317.7	6.8	B3/2500		G3/2500
BVH	(80°-90°)	66.7	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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REPORT NUMBER: P1358420
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5
2.5°	2319.7	2306.5	2315.3	2306.5	2306.5	2306.5	2315.3	2315.3	2328.6	2328.6	2328.6
5°	2337.5	2333.0	2337.5	2333.0	2319.7	2319.7	2328.6	2319.7	2341.9	2333.0	2346.3
7.5°	2386.1	2377.3	2377.3	2364.0	2368.4	2359.6	2368.4	2355.2	2368.4	2359.6	2359.6
10°	2443.7	2430.4	2434.8	2417.1	2403.9	2408.3	2417.1	2403.9	2408.3	2412.7	2412.7
12.5°	2492.4	2483.5	2483.5	2448.1	2457.0	2457.0	2465.8	2452.6	2461.4	2457.0	2474.7
15°	2554.4	2541.1	2532.2	2505.7	2501.2	2496.8	2510.1	2496.8	2519.0	2514.5	2536.7
17.5°	2611.9	2598.6	2589.8	2545.5	2536.7	2549.9	2554.4	2545.5	2567.7	2576.5	2620.8
20°	2665.0	2669.5	2638.5	2585.4	2585.4	2589.8	2589.8	2589.8	2625.2	2638.5	2687.2
22.5°	2758.0	2749.2	2718.2	2656.2	2629.6	2629.6	2669.5	2642.9	2665.0	2696.0	2780.2
25°	2877.5	2859.8	2806.7	2727.0	2682.8	2687.2	2700.5	2682.8	2709.3	2744.7	2873.1
27.5°	3090.0	3067.9	2974.9	2815.6	2762.4	2766.9	2771.3	2722.6	2718.2	2775.7	2952.8
30°	3399.9	3373.4	3231.7	3032.5	2890.8	2899.7	2851.0	2762.4	2731.5	2793.4	3045.8
32.5°	3736.4	3701.0	3559.3	3276.0	3085.6	3041.3	2948.4	2793.4	2744.7	2811.1	3129.9
35°	4139.2	4108.2	3935.6	3537.2	3276.0	3249.4	3063.5	2859.8	2780.2	2824.4	3209.6
37.5°	4710.3	4630.6	4422.6	3873.6	3506.2	3466.3	3214.0	2952.8	2784.6	2815.6	3320.2
40°	5201.7	5122.0	4896.3	4298.6	3798.4	3736.4	3435.3	3063.5	2828.8	2833.3	3461.9
42.5°	5715.2	5640.0	5396.5	4657.2	4059.6	4028.6	3630.1	3196.3	2886.4	2882.0	3621.3
45°	6255.3	6259.8	5883.5	5086.6	4369.4	4307.5	3869.2	3373.4	2992.6	2939.5	3882.5
47.5°	7016.8	6932.7	6472.3	5498.3	4714.7	4635.1	4121.5	3559.3	3152.0	3072.3	4174.7
50°	7632.1	7570.2	7012.4	5972.0	5037.9	4953.8	4418.1	3762.9	3293.7	3258.3	4564.2
52.5°	8145.7	8039.4	7525.9	6419.1	5400.9	5325.7	4661.6	3962.2	3492.9	3475.2	5020.2
55°	8429.0	8318.3	7880.0	6835.3	5812.6	5697.5	4936.1	4201.2	3732.0	3740.8	5529.3
57.5°	8650.3	8535.2	8105.8	7149.6	6219.9	6065.0	5237.1	4462.4	4015.3	4099.4	6224.3
60°	8730.0	8614.9	8296.2	7565.7	6658.2	6560.8	5578.0	4785.6	4342.9	4520.0	6901.7
62.5°	8845.1	8871.7	8645.9	8074.8	7229.3	7145.2	6016.3	5184.0	4745.7	4887.4	7140.7
65°	8938.1	8924.8	8951.4	8778.7	8026.1	7906.6	6667.0	5702.0	5015.8	5011.4	7021.2
67.5°	8721.2	8734.5	8876.1	9301.1	9132.9	9017.8	7508.2	6180.1	5144.2	5246.0	6640.5
70°	8557.4	8597.2	8787.6	9318.8	10159.9	10173.2	8681.3	6587.4	5511.6	5246.0	5578.0
72.5°	7548.0	7751.7	8243.1	9221.4	10403.4	10434.4	9155.0	7158.4	5524.9	4847.6	4214.5
75°	4998.1	5157.4	6467.8	8274.0	9540.2	9491.5	8477.7	6884.0	5170.7	3953.3	2682.8
77.5°	1474.2	1775.2	3028.1	5130.9	7140.7	7450.6	6954.8	4710.3	3833.8	1854.9	956.2
80°	420.6	469.3	845.6	1801.8	3855.9	4187.9	4320.7	2253.3	1137.7	491.4	318.7
82.5°	203.6	212.5	305.5	504.7	1651.3	1806.2	1514.0	681.8	305.5	177.1	124.0
85°	35.4	44.3	75.3	150.5	296.6	358.6	336.5	137.2	93.0	79.7	57.6
87.5°	8.9	8.9	13.3	13.3	17.7	17.7	17.7	22.1	22.1	22.1	22.1
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: P1358420
CATALOG NUMBER: GSS-SB4B-727-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5	2337.5
2.5°	2350.7	2350.7	2368.4	2377.3	2377.3	2364.0	2364.0	2403.9	2386.1	2395.0	2390.6
5°	2355.2	2372.9	2372.9	2399.4	2412.7	2434.8	2443.7	2461.4	2479.1	2479.1	2474.7
7.5°	2381.7	2395.0	2417.1	2434.8	2470.3	2505.7	2519.0	2572.1	2580.9	2603.1	2594.2
10°	2421.6	2443.7	2479.1	2527.8	2572.1	2629.6	2656.2	2713.7	2744.7	2780.2	2758.0
12.5°	2483.5	2510.1	2567.7	2634.1	2731.5	2820.0	2890.8	2948.4	2992.6	3032.5	3019.2
15°	2549.9	2603.1	2678.3	2797.9	2970.5	3129.9	3222.8	3320.2	3342.4	3377.8	3373.4
17.5°	2665.0	2700.5	2851.0	3090.0	3315.8	3453.1	3532.7	3581.4	3568.2	3581.4	3572.6
20°	2758.0	2846.6	3116.6	3466.3	3687.7	3776.2	3785.1	3740.8	3647.8	3630.1	3594.7
22.5°	2895.3	3028.1	3461.9	3824.9	4002.0	3993.1	3864.8	3732.0	3612.4	3563.7	3546.0
25°	3028.1	3267.1	3824.9	4165.8	4214.5	4059.6	3864.8	3692.1	3532.7	3484.0	3444.2
27.5°	3196.3	3541.6	4236.6	4453.6	4307.5	4068.4	3780.7	3585.9	3435.3	3355.7	3338.0
30°	3368.9	3860.3	4581.9	4590.8	4334.0	3975.4	3625.7	3453.1	3280.4	3200.7	3205.1
32.5°	3603.6	4210.1	4874.1	4692.6	4258.8	3789.5	3417.6	3231.7	3081.2	3041.3	3032.5
35°	3833.8	4604.1	5108.7	4701.5	4081.7	3528.3	3143.2	2935.1	2842.1	2802.3	2820.0
37.5°	4161.4	5006.9	5246.0	4617.4	3824.9	3178.6	2820.0	2656.2	2585.4	2572.1	2589.8
40°	4520.0	5378.8	5334.5	4520.0	3475.2	2806.7	2510.1	2408.3	2364.0	2372.9	2403.9
42.5°	4905.1	5684.3	5400.9	4298.6	3063.5	2465.8	2262.2	2217.9	2284.3	2324.2	2350.7
45°	5316.8	5963.2	5423.1	3984.3	2678.3	2204.6	2120.5	2204.6	2306.5	2324.2	2337.5
47.5°	5724.1	6206.6	5423.1	3568.2	2310.9	2032.0	2076.3	2186.9	2266.6	2235.6	2240.1
50°	6113.7	6401.4	5409.8	3085.6	2054.1	1943.4	2018.7	2089.5	2054.1	1965.6	1974.4
52.5°	6467.8	6574.1	5316.8	2589.8	1841.6	1921.3	1925.7	1837.2	1757.5	1713.2	1722.1
55°	6861.8	6733.5	5042.3	2147.1	1704.4	1863.8	1739.8	1624.7	1664.5	1651.3	1646.8
57.5°	7273.5	6919.4	4666.0	1766.4	1576.0	1726.5	1589.3	1580.4	1576.0	1558.3	1536.2
60°	7627.7	7069.9	4103.8	1390.1	1385.6	1518.5	1558.3	1536.2	1514.0	1478.6	1460.9
62.5°	7424.1	6693.6	3280.4	1124.5	1190.9	1354.7	1500.7	1456.5	1460.9	1429.9	1416.6
65°	6848.6	5949.9	2235.6	938.5	1004.9	1208.6	1363.5	1323.7	1301.5	1292.7	1283.8
67.5°	6104.8	5153.0	1474.2	743.7	841.1	1058.1	1204.1	1155.4	1186.4	1186.4	1182.0
70°	4803.3	3940.0	929.7	606.5	668.5	876.5	1000.5	1022.6	1066.9	1071.3	1066.9
72.5°	*3453.1*	*2696.0*	*579.9*	*487.0*	*531.2*	*668.5*	*872.1*	*894.3*	*942.9*	*951.8*	*951.8*
75°	2036.4	1518.5	389.6	389.6	411.7	544.5	721.6	792.4	814.6	823.4	814.6
77.5°	819.0	584.4	256.8	287.8	318.7	438.3	553.4	641.9	633.1	628.6	606.5
80°	292.2	252.3	177.1	190.4	230.2	327.6	411.7	438.3	464.8	451.6	438.3
82.5°	119.5	115.1	110.7	124.0	137.2	199.2	287.8	287.8	292.2	287.8	283.3
85°	44.3	44.3	53.1	62.0	75.3	93.0	128.4	163.8	137.2	97.4	101.8
87.5°	22.1	22.1	17.7	17.7	22.1	31.0	31.0	39.8	39.8	22.1	13.3
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

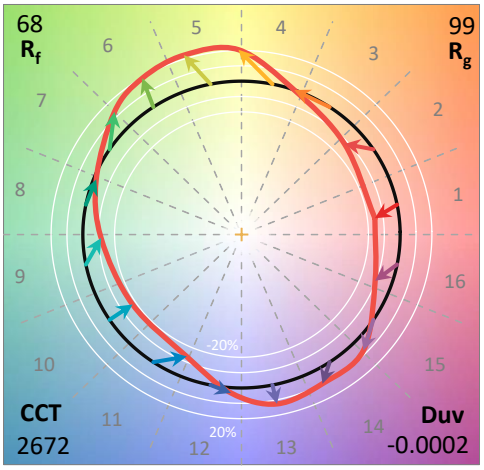
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

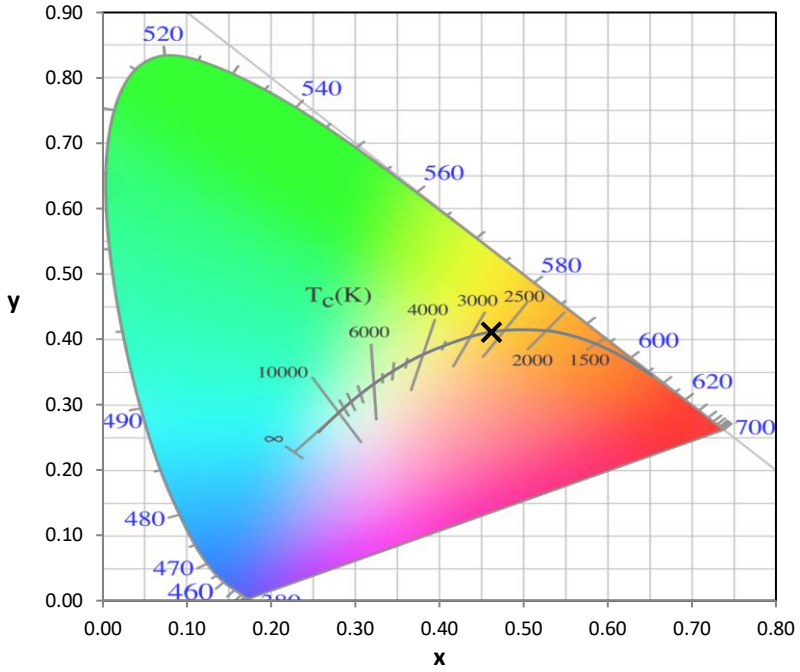
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

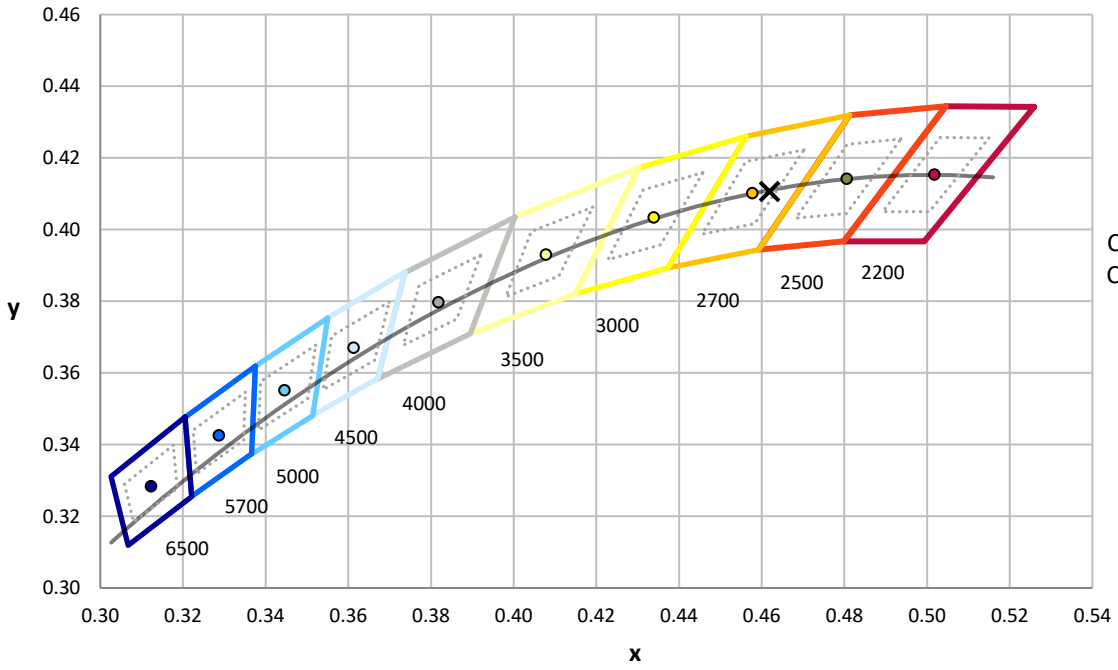
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

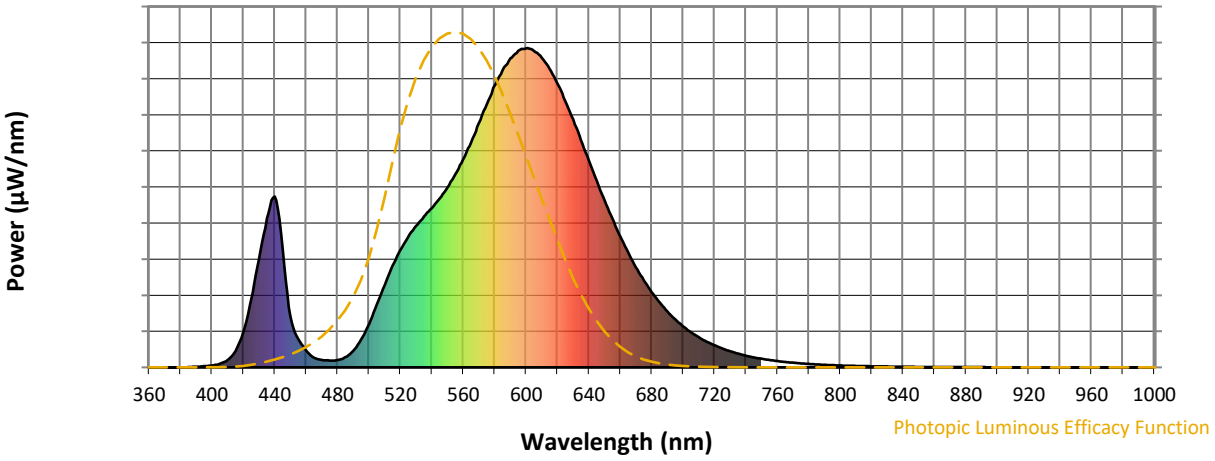


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

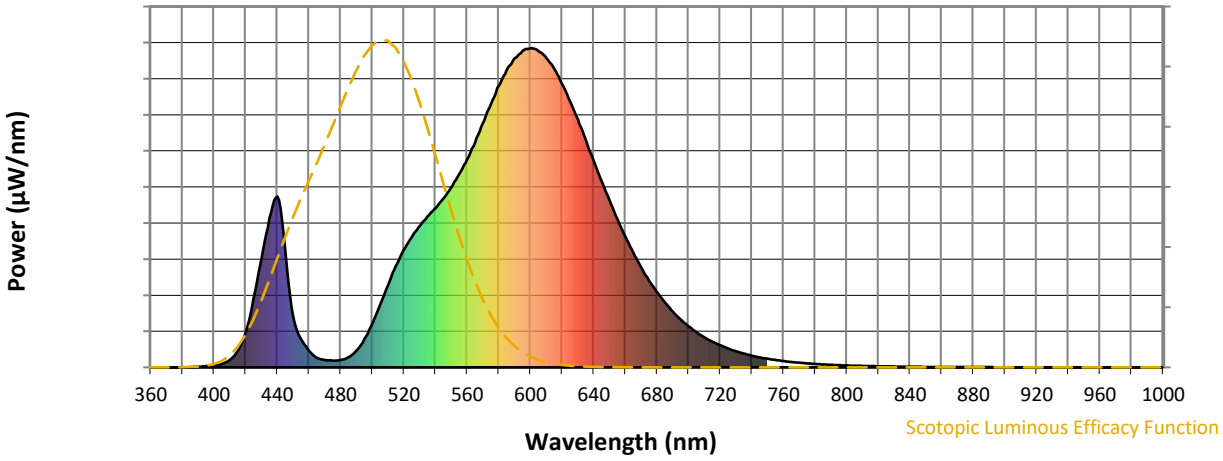


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

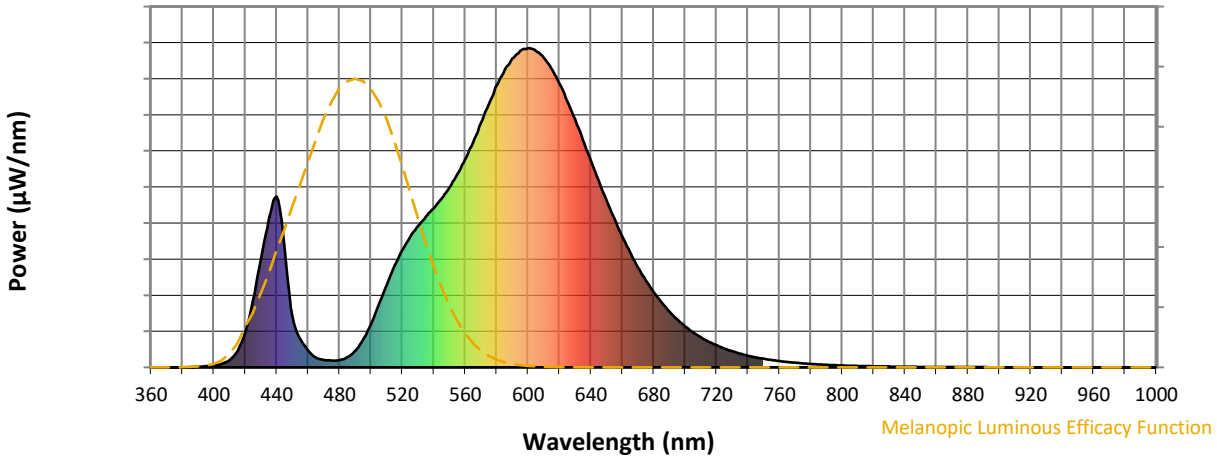


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

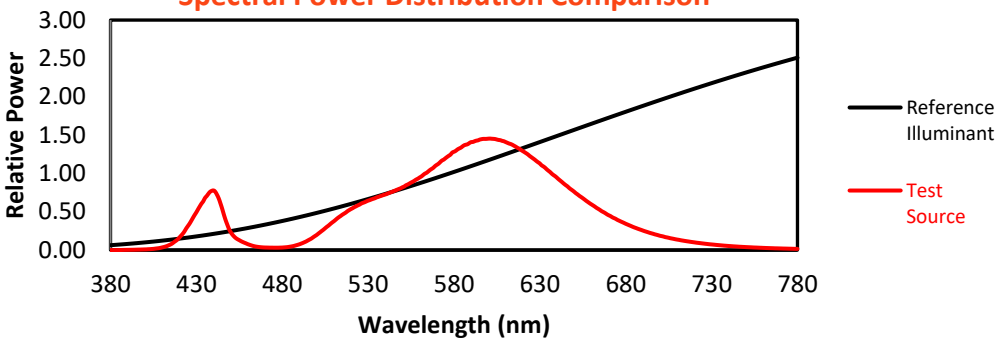
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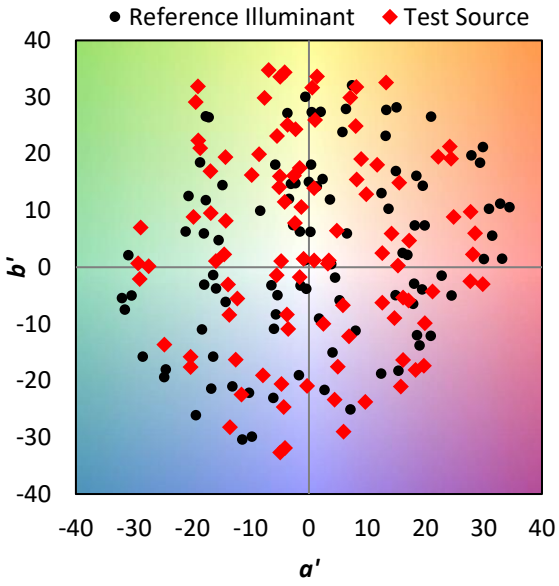
Summary

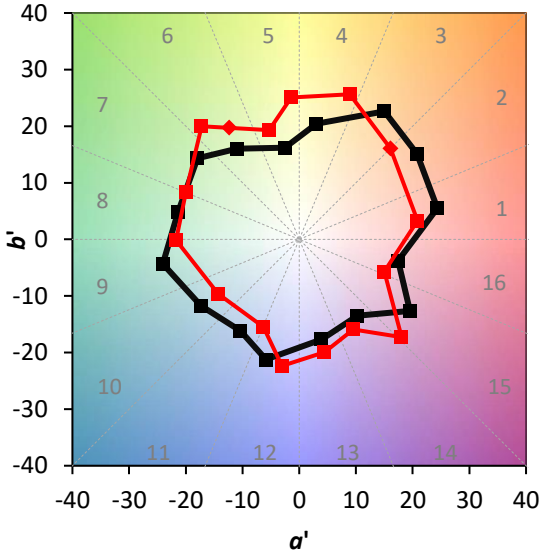
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

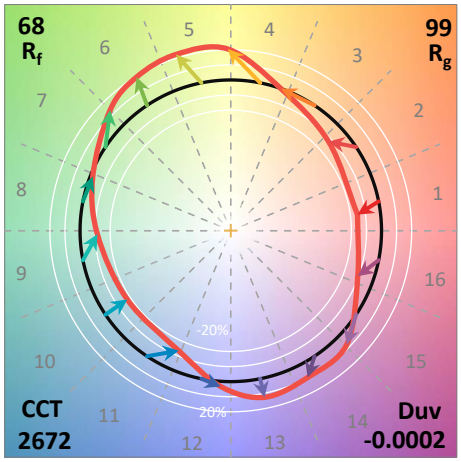
Spectral Power Distribution Comparison

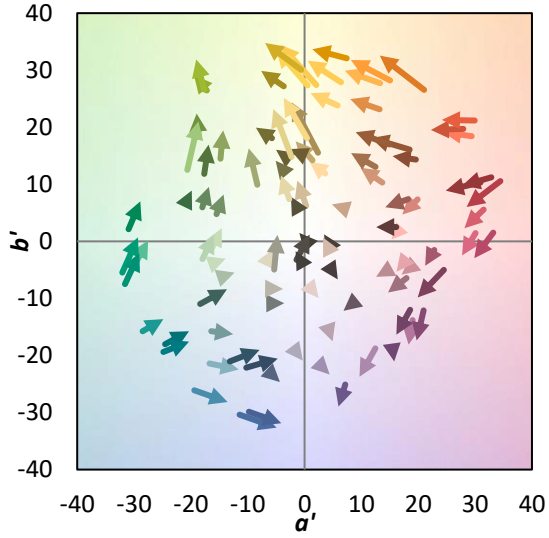


Color Vector Graphics







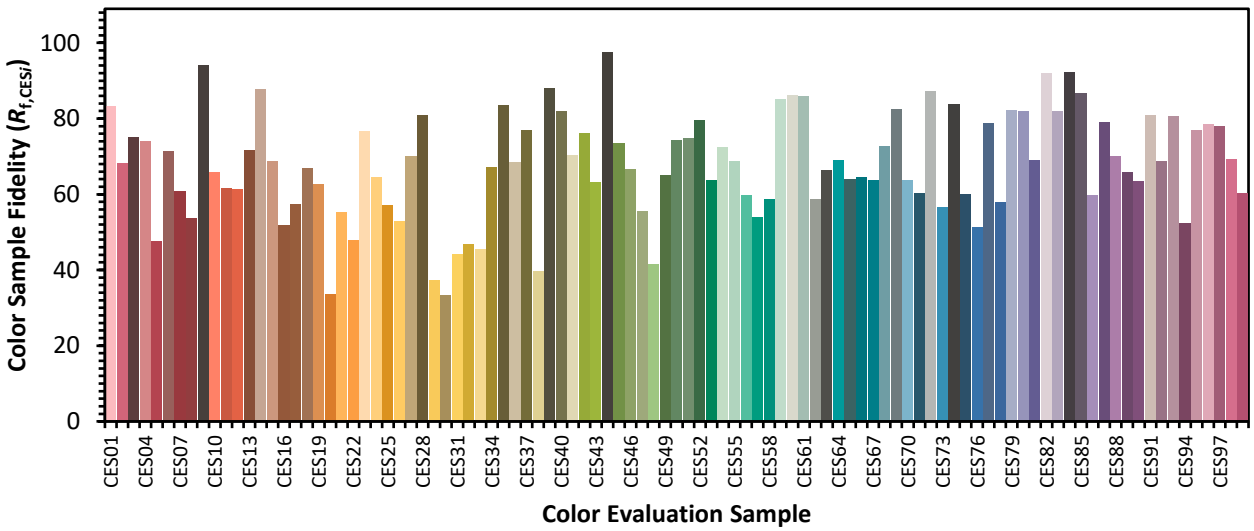


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Individual Sample Fidelity Index ($R_{f,i}$)

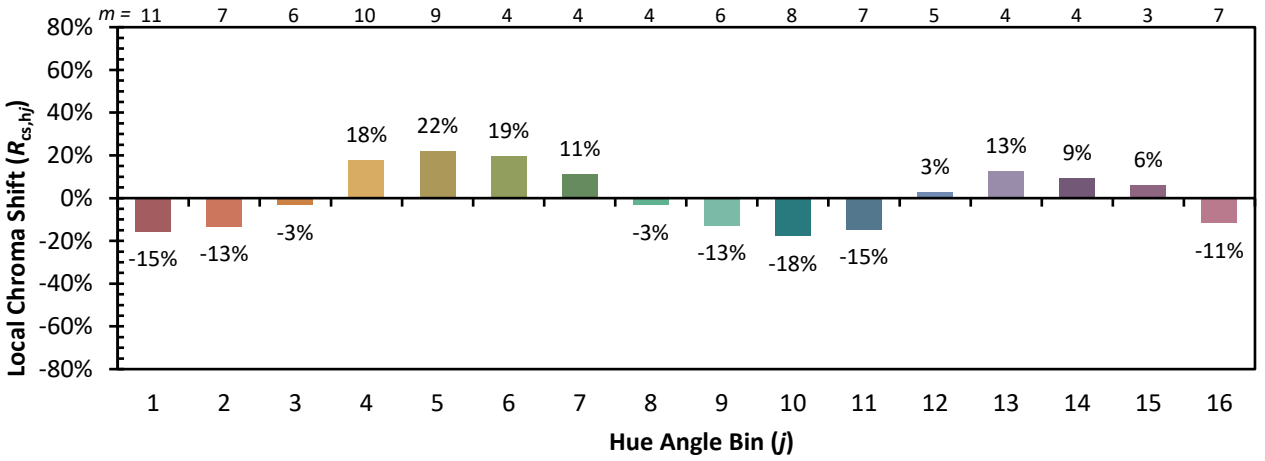
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

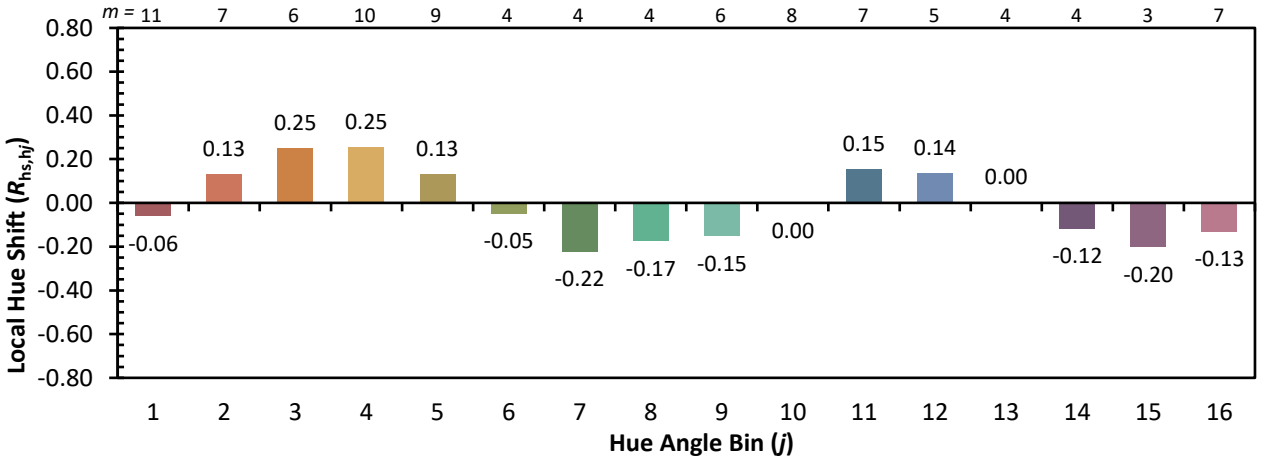


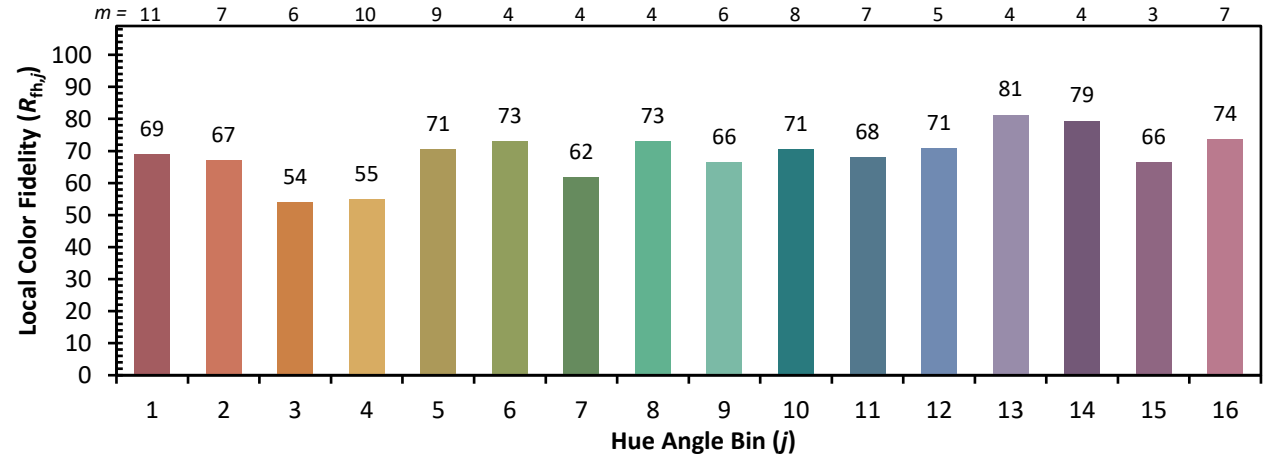
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Color Rendition by Hue-Angle Bin



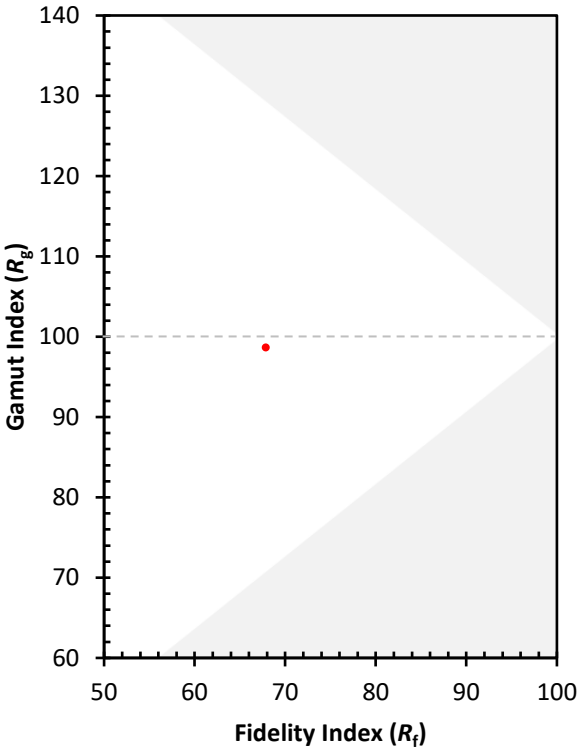


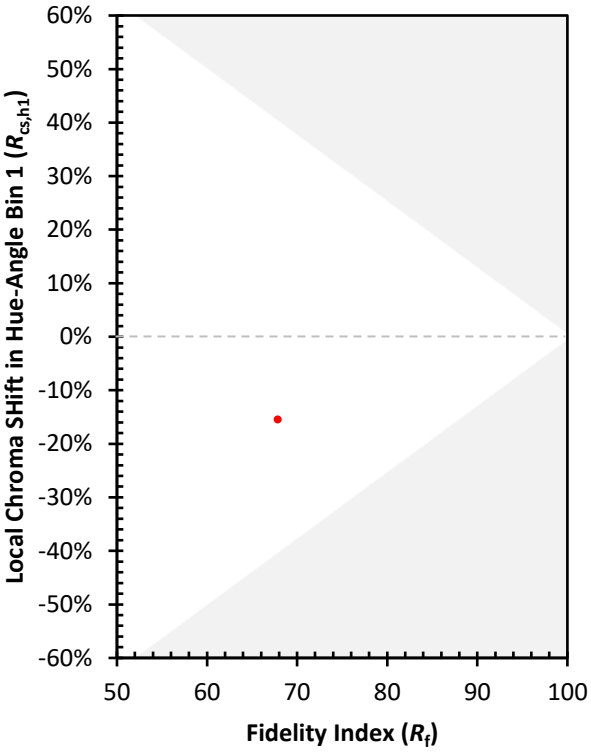


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Measure Comparisons





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