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: P1502537

Luminaire Tested: GSS-SB4A-727-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:	P1502537
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-727-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13026.6 lumens
Efficiency:	N/A
Efficacy:	114.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

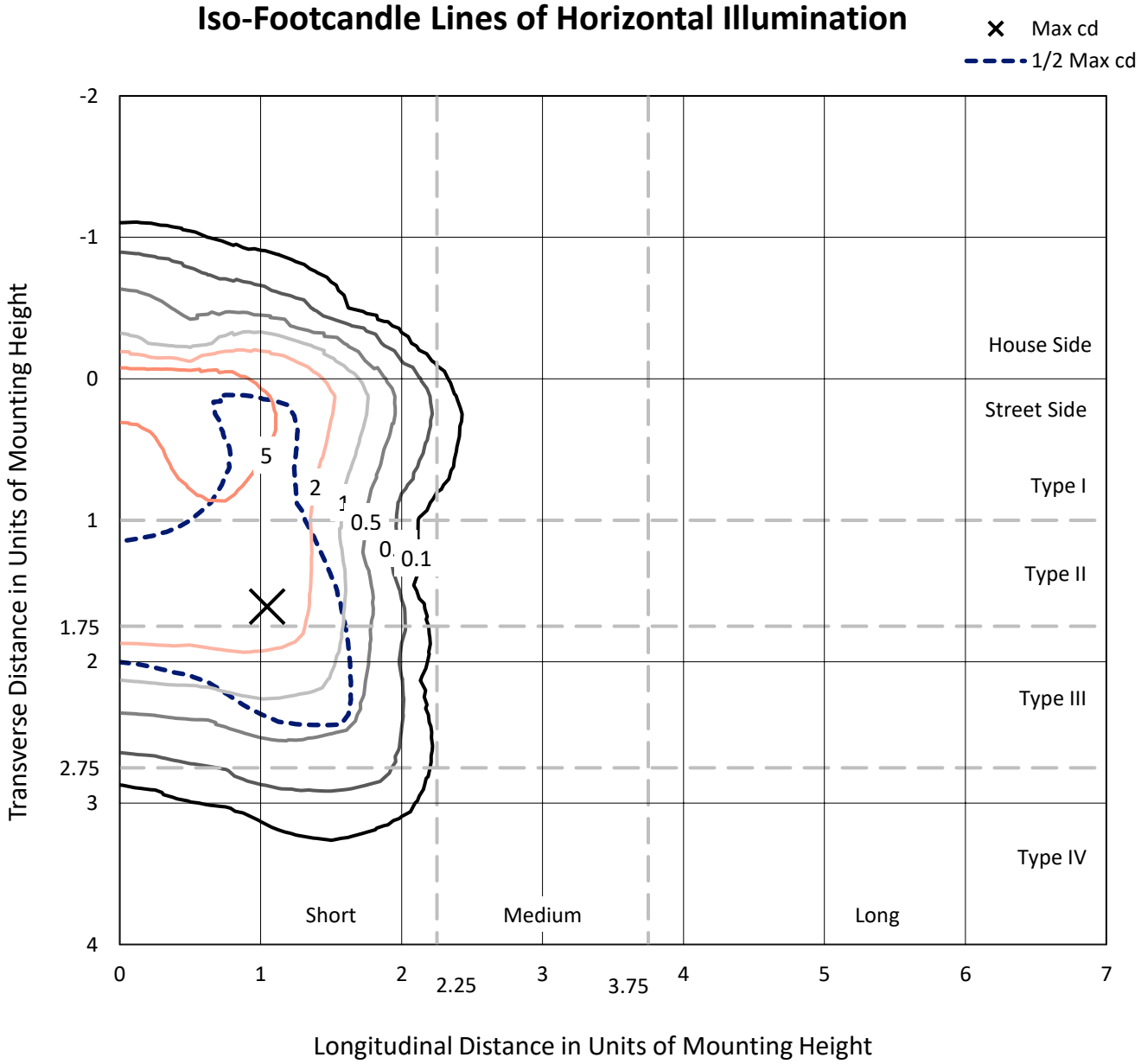
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502537
CATALOG NUMBER: GSS-SB4A-727-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



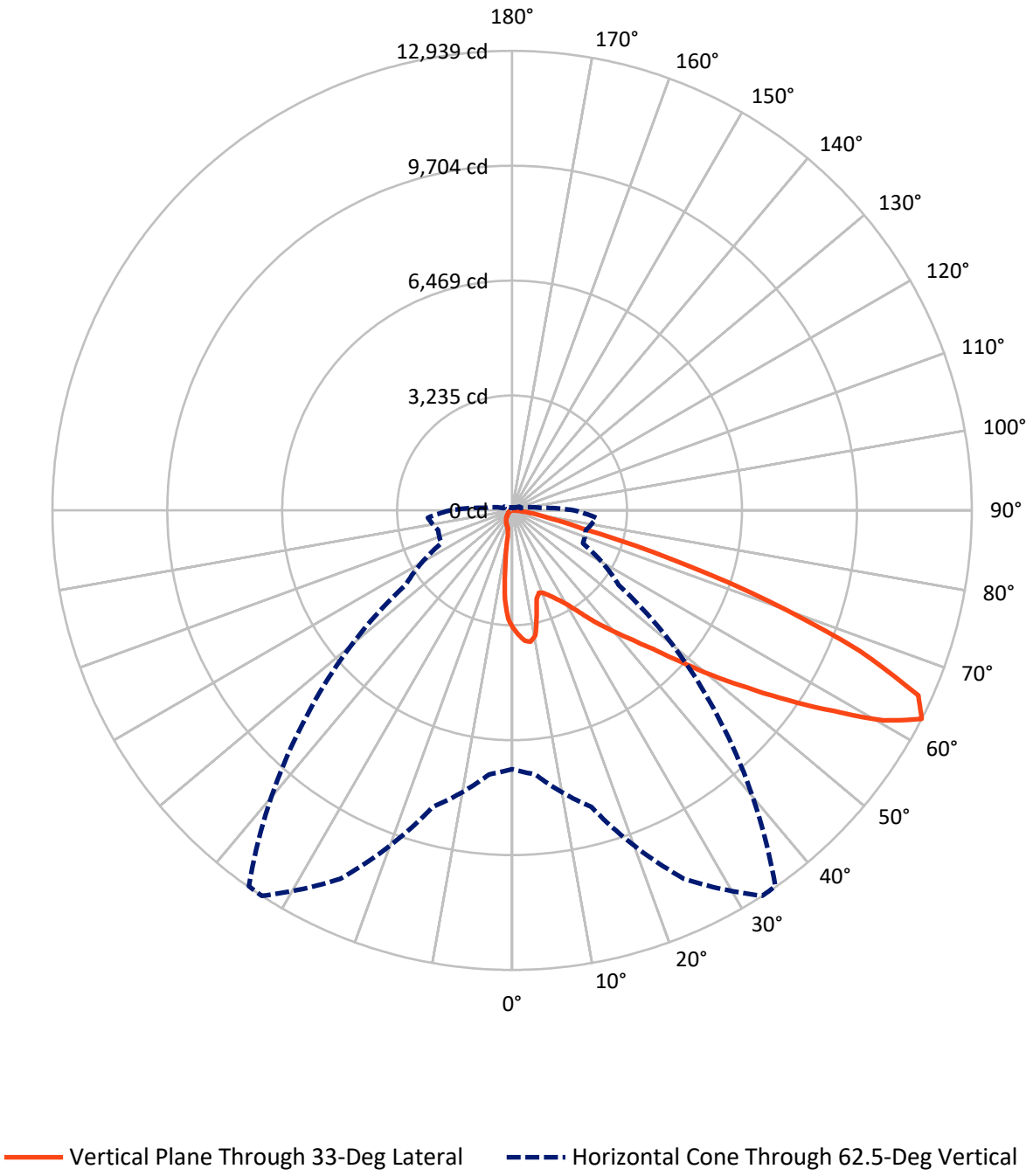
Based on 20 foot mounting height. Maximum calculated value = 9.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1502537
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Luminous Intensity Polar Plot



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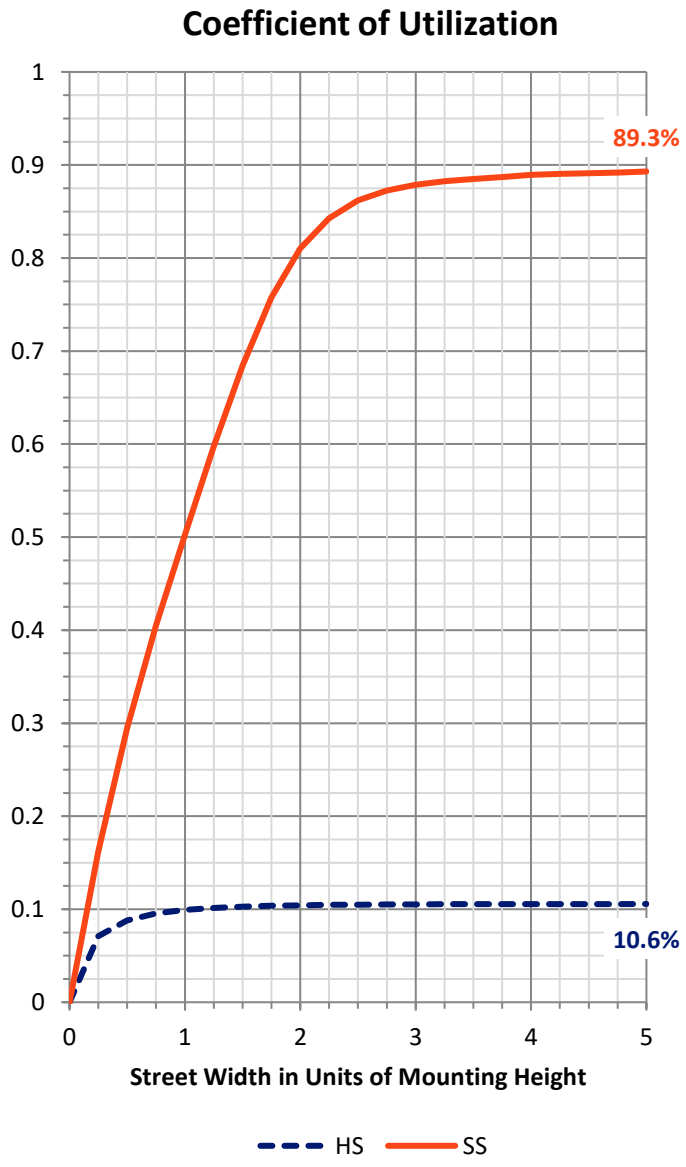
REPORT NUMBER: P1502537
CATALOG NUMBER: GSS-SB4A-727-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1386.1	0.0	1386.1
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	11640.5	0.0	11640.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	13026.6	0.0	13026.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	281.3	2.2
10°-20°	627.8	4.8
20°-30°	1011.8	7.8
30°-40°	1683.2	12.9
40°-50°	2660.3	20.4
50°-60°	3574.1	27.4
60°-70°	2623.8	20.1
70°-80°	519.3	4.0
80°-90°	45.1	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°	13026.6	100.0
0°-180°	13026.6	100.0



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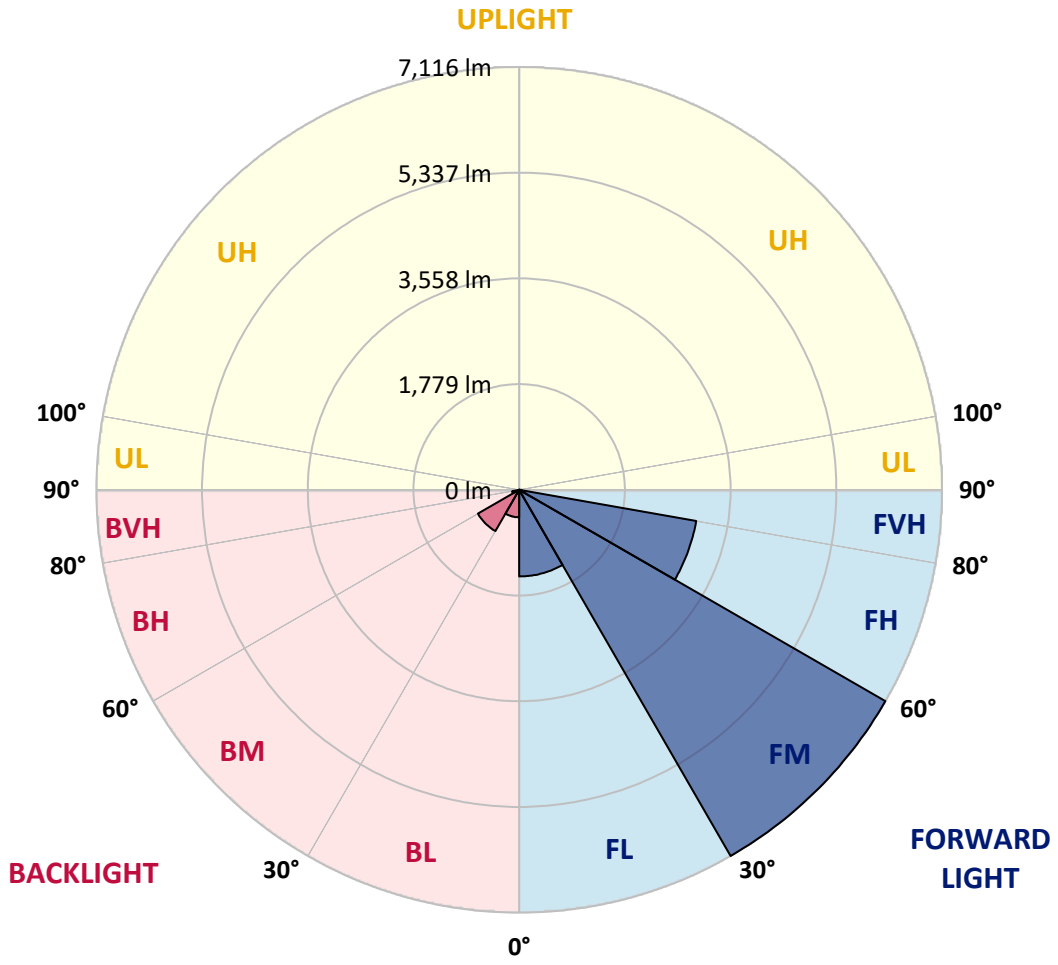
Scaled Data Report

REPORT NUMBER: P1502537
CATALOG NUMBER: GSS-SB4A-727-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1458.4	11.2			
FM	(30°-60°)	7115.7	54.6			
FH	(60°-80°)	3024.6	23.2			G2/5000
FVH	(80°-90°)	41.7	0.3			G1/100
BL	(0°-30°)	462.5	3.6	B1/500		
BM	(30°-60°)	801.8	6.2	B1/1000		
BH	(60°-80°)	118.4	0.9	B1/500		G1/500
BVH	(80°-90°)	3.4	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°	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9
2.5°	3525.3	3540.0	3540.0	3510.7	3503.3	3488.7	3474.0	3470.3	3422.6	3385.9	3349.3
5°	3705.1	3701.4	3697.8	3683.1	3686.8	3668.4	3657.4	3639.1	3558.4	3503.3	3404.3
7.5°	3628.1	3661.1	3675.7	3716.1	3734.4	3730.8	3760.1	3767.5	3697.8	3620.7	3470.3
10°	3125.5	3107.1	3239.2	3411.6	3584.0	3624.4	3782.1	3866.5	3840.8	3771.1	3576.7
12.5°	2476.2	2494.5	2586.2	2788.0	3070.5	3158.5	3613.4	3947.2	4020.6	3976.6	3723.4
15°	2267.1	2267.1	2314.8	2410.1	2578.9	2663.3	3224.5	3936.2	4211.3	4215.0	3906.9
17.5°	2223.1	2230.4	2270.7	2333.1	2443.2	2479.8	2872.4	3774.8	4398.4	4464.5	4112.3
20°	2230.4	2241.4	2285.4	2373.5	2479.8	2523.9	2780.7	3569.4	4556.2	4735.9	4328.7
22.5°	2256.1	2252.4	2329.4	2446.8	2582.6	2622.9	2857.7	3485.0	4688.2	5047.7	4581.8
25°	2285.4	2289.1	2388.1	2553.2	2718.3	2766.0	3030.1	3562.0	4783.6	5381.6	4838.6
27.5°	2373.5	2384.5	2505.5	2685.3	2879.7	2942.1	3253.9	3763.8	4948.7	5704.4	5117.4
30°	2509.2	2520.2	2659.6	2876.0	3085.1	3180.5	3532.7	4016.9	5194.5	6078.6	5403.6
32.5°	2666.9	2681.6	2861.4	3110.8	3363.9	3455.6	3851.8	4402.1	5521.0	6460.1	5700.7
35°	2865.0	2905.4	3099.8	3396.9	3738.1	3826.2	4244.4	4838.6	5946.5	6801.2	5953.8
37.5°	3136.5	3169.5	3408.0	3778.5	4123.3	4240.7	4684.6	5297.2	6331.7	7105.7	6159.3
40°	3466.6	3496.0	3763.8	4167.3	4526.8	4625.9	5146.8	5759.4	6746.2	7274.5	6203.3
42.5°	4016.9	4097.6	4266.4	4607.5	4992.7	5117.4	5660.4	6207.0	7047.0	7307.5	6133.6
45°	4978.0	5003.7	5040.4	5201.8	5572.3	5682.4	6203.3	6595.8	7226.8	7314.8	6071.2
47.5°	5898.8	5986.8	6038.2	6111.6	6335.3	6375.7	6771.9	6944.3	7369.8	7289.1	6071.2
50°	6819.6	6885.6	6973.6	7061.7	7300.1	7314.8	7373.5	7179.1	7377.2	7080.0	6034.5
52.5°	7656.0	7678.0	7828.4	7997.1	8294.3	8375.0	7931.1	7351.5	6933.3	6419.7	5862.1
55°	8404.3	8433.7	8661.1	9005.9	9431.5	9537.9	8613.4	7017.7	5983.2	5565.0	5462.3
57.5°	8888.6	8958.3	9413.1	10172.5	10653.1	10605.4	9141.7	6236.3	4805.6	4552.5	4754.3
60°	8646.4	8741.8	9699.3	11152.0	12006.7	11867.3	8994.9	5132.1	3551.0	3367.6	3763.8
62.5°	7285.5	7461.5	8646.4	11441.8	12938.5	12916.5	8165.9	3661.1	2201.0	2153.4	2377.1
65°	5066.1	5370.6	6775.6	10473.3	12564.3	12597.3	6874.6	2131.3	1019.8	1265.6	1390.3
67.5°	2986.1	3202.5	4365.4	8551.1	10543.0	10238.5	4673.6	986.8	509.9	770.4	737.4
70°	1313.3	1460.0	2501.9	5924.5	7681.7	7190.1	2281.8	480.6	388.9	465.9	407.2
72.5°	722.7	788.7	1317.0	3129.2	4673.6	4442.4	770.4	319.2	333.8	348.5	293.5
75°	403.5	432.9	693.3	1808.5	2054.3	1911.2	374.2	209.1	282.5	282.5	216.4
77.5°	234.8	260.5	432.9	1126.2	1126.2	909.8	227.4	132.1	212.8	190.8	117.4
80°	110.1	124.7	238.4	623.6	711.7	586.9	128.4	91.7	139.4	121.1	77.0
82.5°	33.0	40.4	117.4	242.1	403.5	344.8	66.0	58.7	102.7	77.0	44.0
85°	22.0	25.7	58.7	99.0	198.1	172.4	22.0	18.3	44.0	36.7	18.3
87.5°	3.7	3.7	7.3	7.3	7.3	7.3	3.7	3.7	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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REPORT NUMBER: P1502537
CATALOG NUMBER: GSS-SB4A-727-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9	3308.9
2.5°	3327.2	3301.6	3242.9	3187.8	3158.5	3092.5	3066.8	3037.4	3022.8	3019.1	2997.1
5°	3341.9	3294.2	3147.5	3000.8	2846.7	2700.0	2549.5	2417.5	2311.1	2314.8	2318.4
7.5°	3385.9	3290.6	3033.8	2740.3	2410.1	2028.6	1621.4	1317.0	1122.5	1082.2	1045.5
10°	3444.6	3305.2	2894.4	2351.5	1702.1	1071.2	755.7	645.6	598.0	586.9	590.6
12.5°	3554.7	3341.9	2718.3	1815.9	942.8	616.3	546.6	528.3	520.9	520.9	520.9
15°	3690.4	3393.3	2443.2	1188.6	616.3	513.6	498.9	495.2	487.9	487.9	491.6
17.5°	3804.1	3393.3	2080.0	774.0	506.2	476.9	465.9	462.2	462.2	465.9	462.2
20°	3928.9	3367.6	1672.8	583.3	469.6	443.9	436.5	436.5	436.5	440.2	440.2
22.5°	4057.3	3323.6	1294.9	498.9	436.5	414.5	410.9	414.5	418.2	421.9	421.9
25°	4200.3	3268.6	1023.5	462.2	407.2	388.9	388.9	388.9	392.5	399.9	403.5
27.5°	4358.1	3220.9	876.8	440.2	381.5	363.2	363.2	366.8	374.2	377.8	381.5
30°	4504.8	3220.9	829.1	451.2	370.5	348.5	341.2	344.8	352.2	359.5	359.5
32.5°	4688.2	3257.5	854.7	498.9	366.8	326.5	319.2	319.2	326.5	330.2	330.2
35°	4842.3	3327.2	942.8	564.9	381.5	308.1	293.5	289.8	297.1	293.5	297.1
37.5°	4967.0	3422.6	1104.2	653.0	410.9	286.1	267.8	256.8	256.8	256.8	256.8
40°	5003.7	3518.0	1309.6	711.7	407.2	260.5	234.8	223.8	220.1	216.4	216.4
42.5°	4952.4	3562.0	1474.7	708.0	363.2	242.1	209.1	194.4	183.4	179.8	179.8
45°	4912.0	3584.0	1533.4	616.3	330.2	220.1	187.1	168.7	157.7	154.1	150.4
47.5°	4915.7	3606.0	1445.4	502.6	300.8	201.8	168.7	150.4	139.4	135.7	132.1
50°	4930.3	3569.4	1225.2	418.2	275.1	183.4	150.4	135.7	124.7	121.1	117.4
52.5°	4776.3	3374.9	862.1	366.8	253.1	172.4	135.7	124.7	113.7	110.1	110.1
55°	4372.7	2909.1	583.3	326.5	234.8	157.7	124.7	117.4	106.4	99.0	99.0
57.5°	3727.1	2193.7	403.5	297.1	205.4	143.1	117.4	106.4	95.4	88.0	88.0
60°	2850.4	1430.7	293.5	271.5	168.7	132.1	110.1	102.7	88.0	80.7	77.0
62.5°	*1735.2*	*803.4*	*238.4*	*238.4*	*143.1*	*124.7*	*99.0*	*91.7*	*77.0*	*66.0*	*62.4*
65°	1005.1	473.2	194.4	201.8	124.7	113.7	88.0	77.0	62.4	51.4	47.7
67.5°	484.2	275.1	154.1	143.1	110.1	95.4	77.0	66.0	55.0	44.0	40.4
70°	297.1	212.8	117.4	102.7	88.0	73.4	62.4	58.7	47.7	36.7	36.7
72.5°	242.1	172.4	91.7	73.4	66.0	51.4	51.4	47.7	36.7	29.3	25.7
75°	190.8	128.4	69.7	51.4	40.4	40.4	36.7	33.0	29.3	22.0	22.0
77.5°	102.7	88.0	51.4	29.3	22.0	25.7	25.7	22.0	18.3	14.7	14.7
80°	66.0	51.4	29.3	14.7	14.7	14.7	14.7	11.0	11.0	7.3	7.3
82.5°	33.0	25.7	14.7	3.7	7.3	7.3	7.3	7.3	7.3	3.7	3.7
85°	7.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
87.5°	0.0	0.0	0.0	0.0	0.0	3.7	3.7	3.7	3.7	3.7	3.7
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

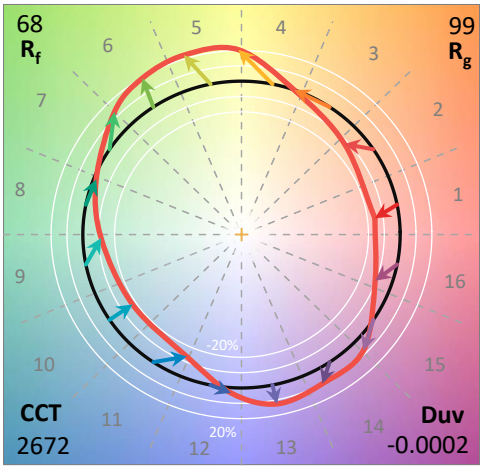
Test Information

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

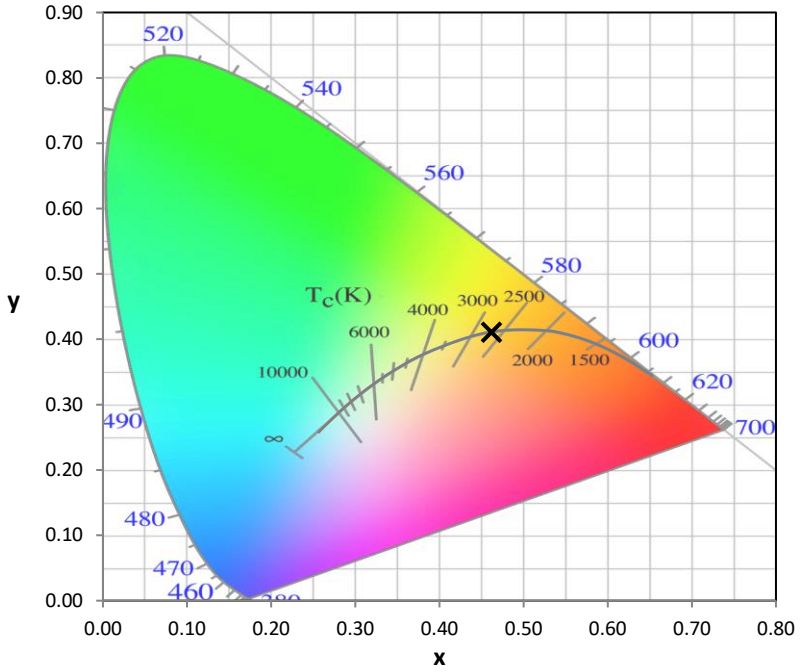
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

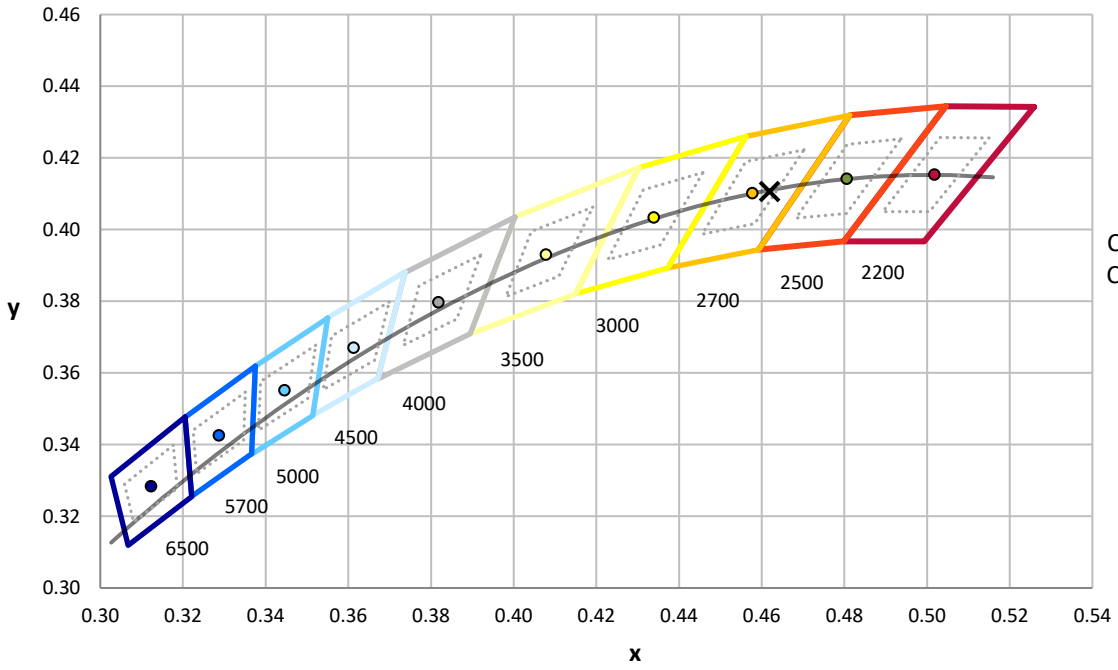
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

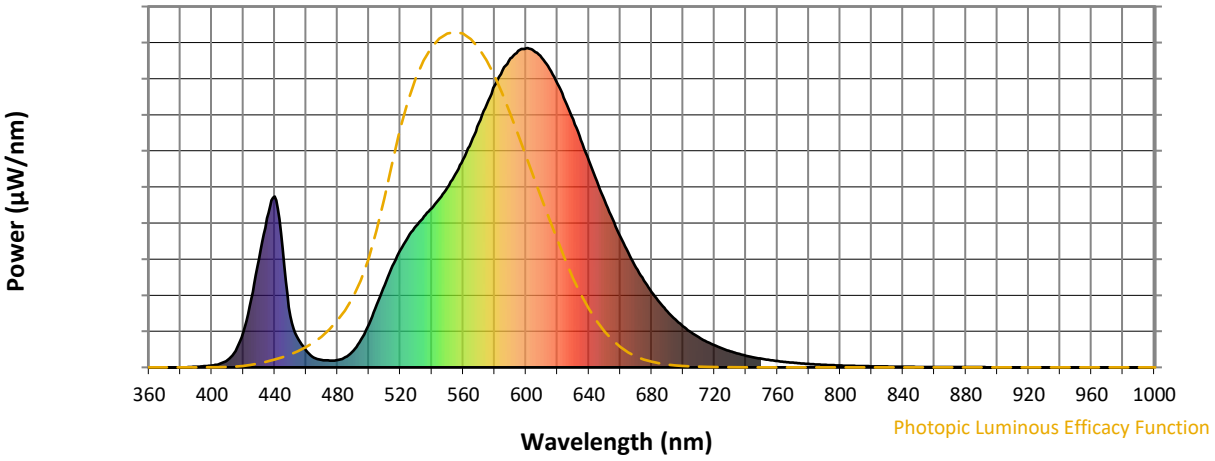


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

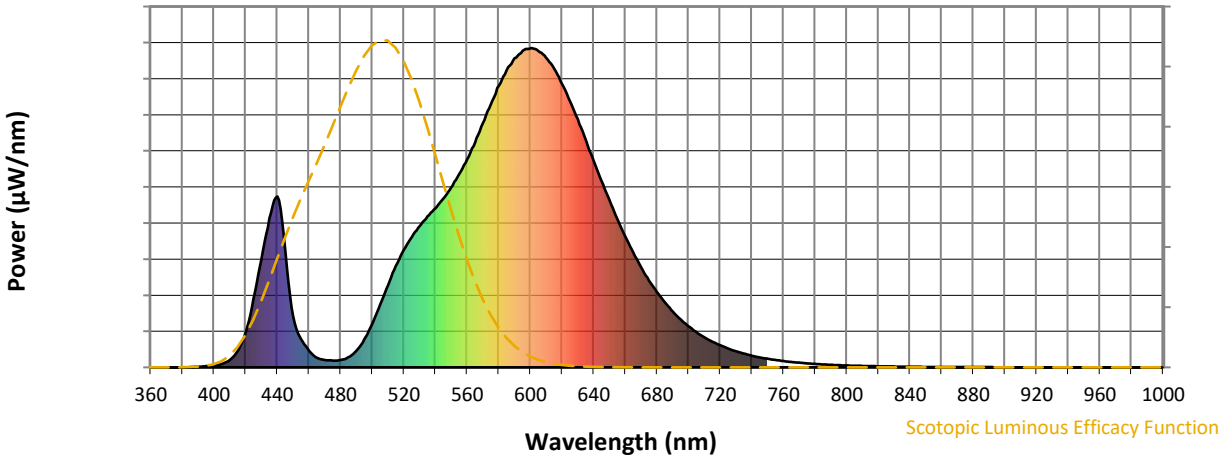


Photopic Lumens: NR

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

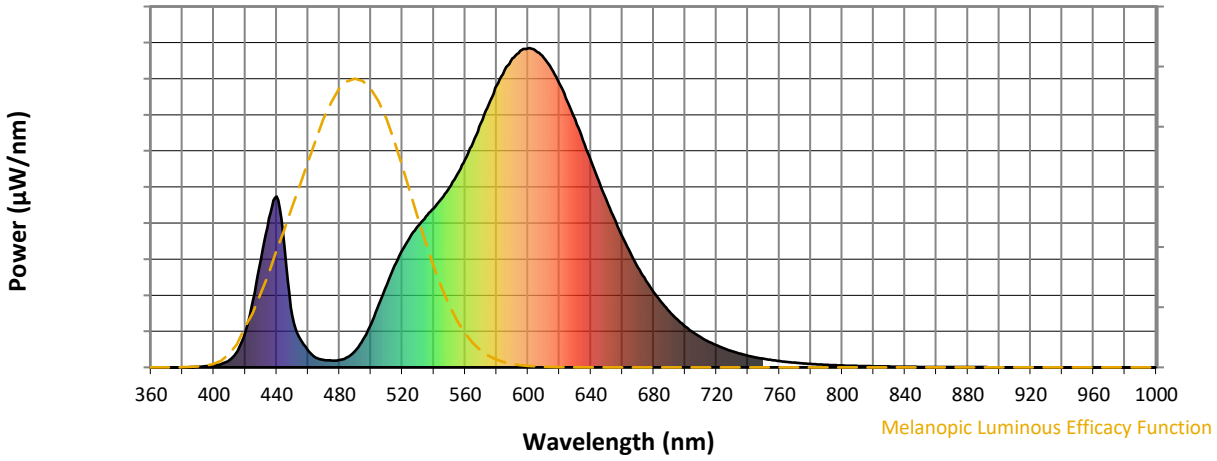


Scotopic Lumens: NR **S/P: 1.02**

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			

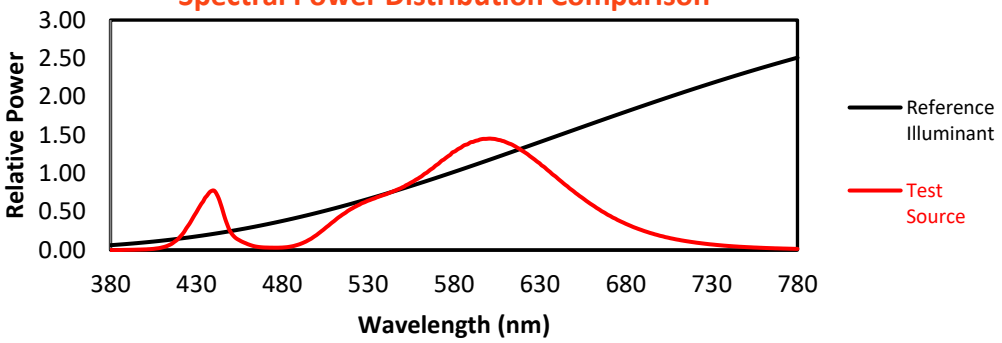
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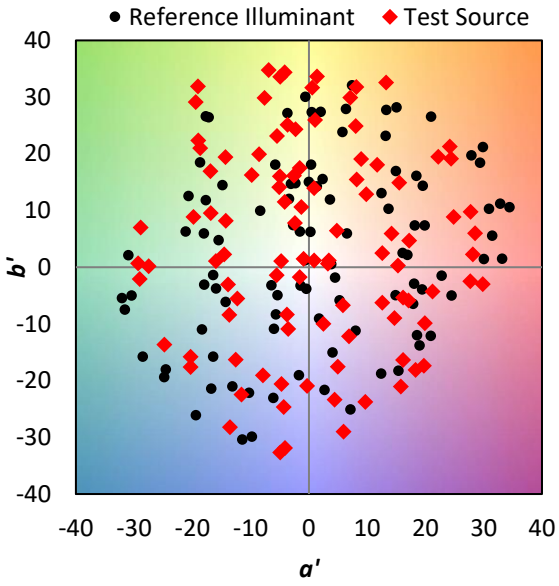
Summary

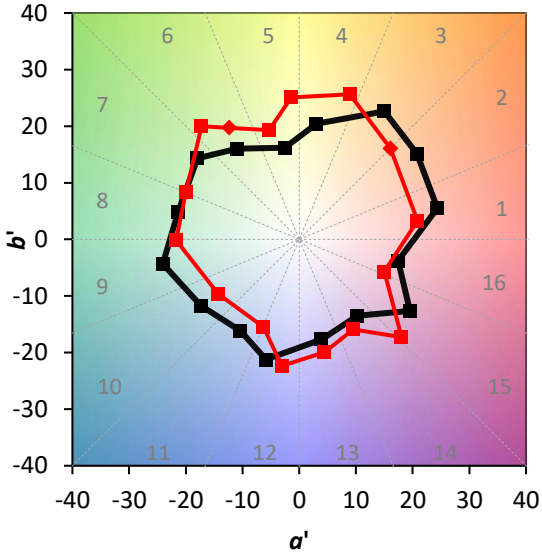
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R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

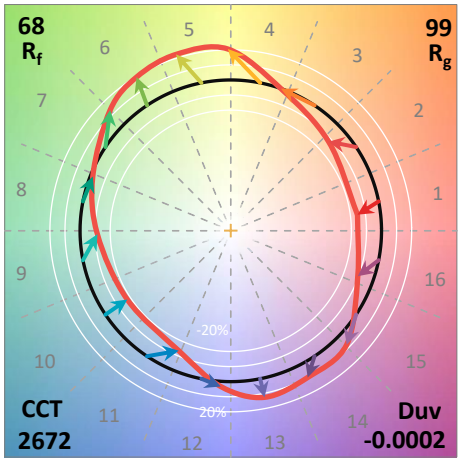
Spectral Power Distribution Comparison

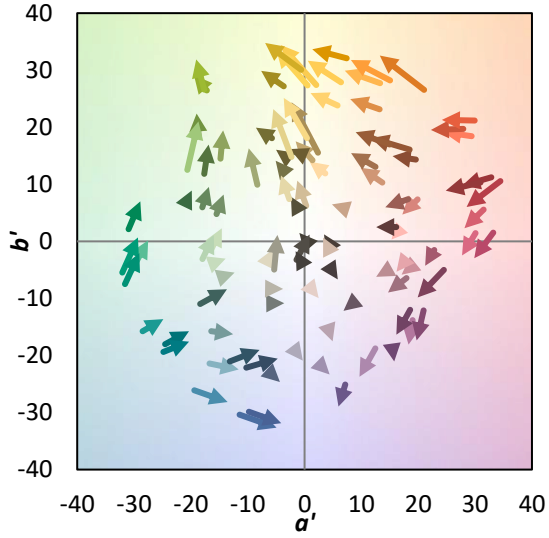


Color Vector Graphics







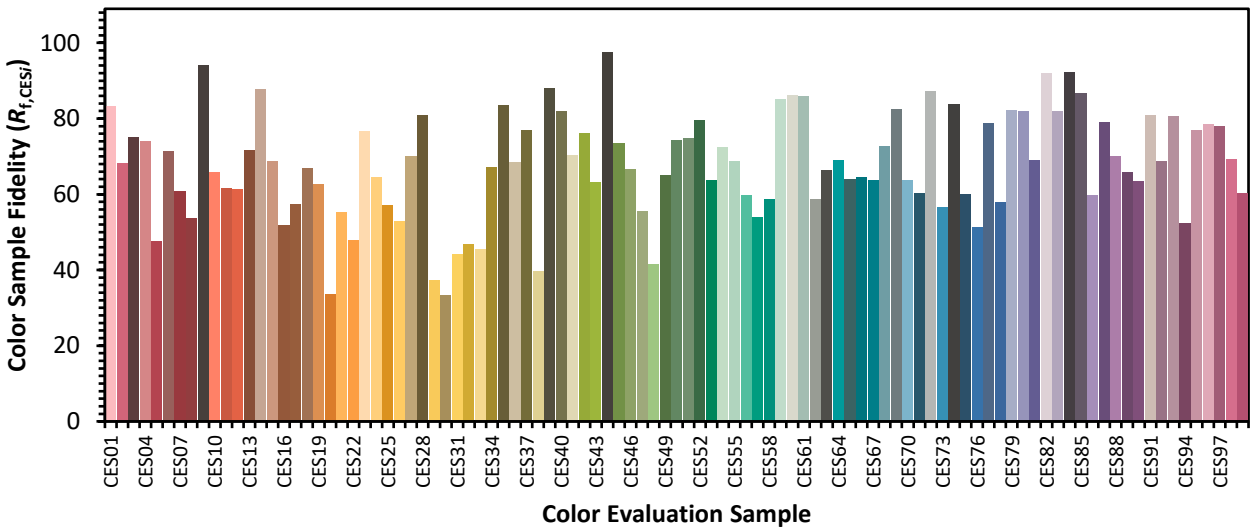


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Individual Sample Fidelity Index ($R_{f,i}$)

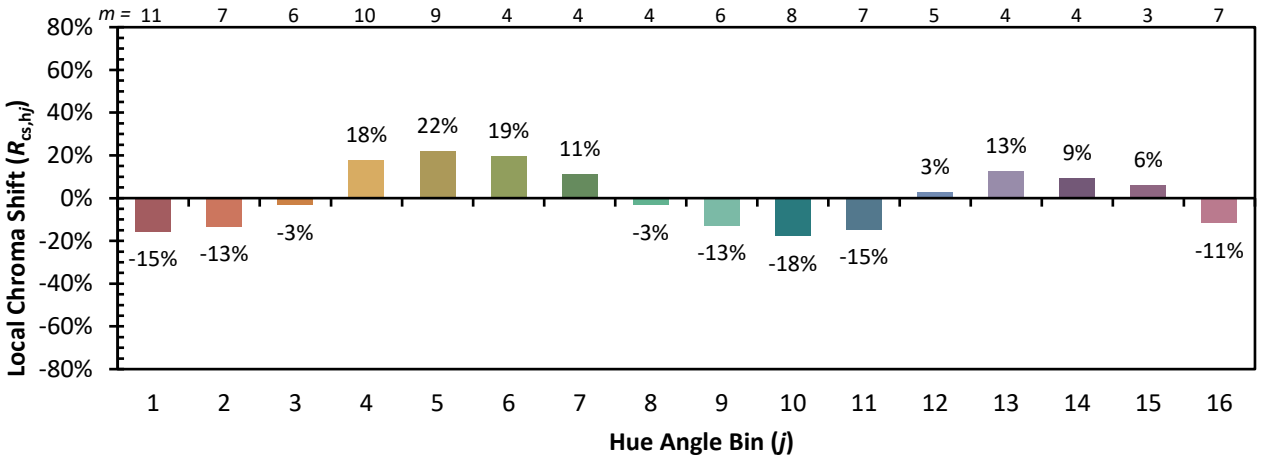
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CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 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	

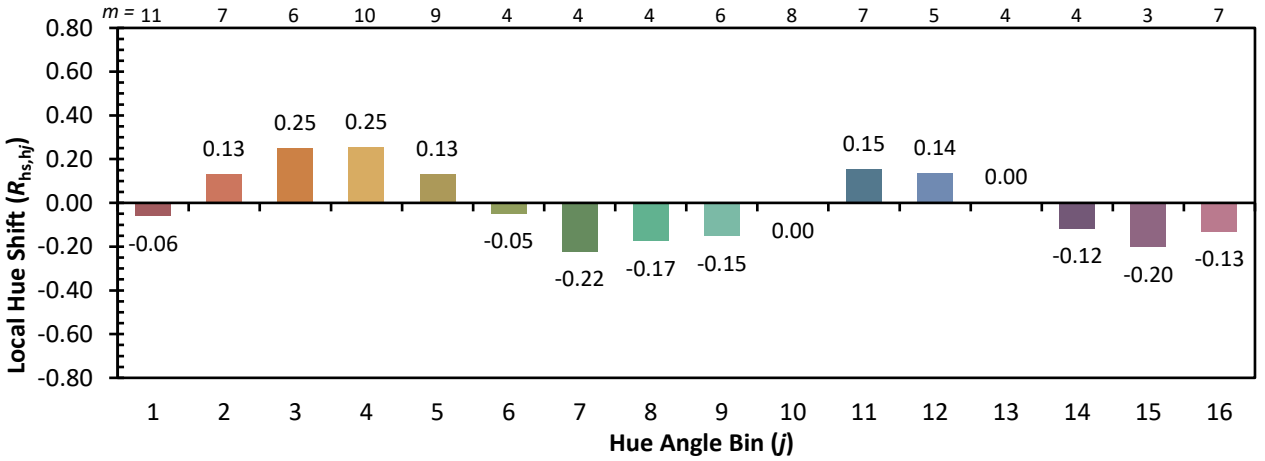


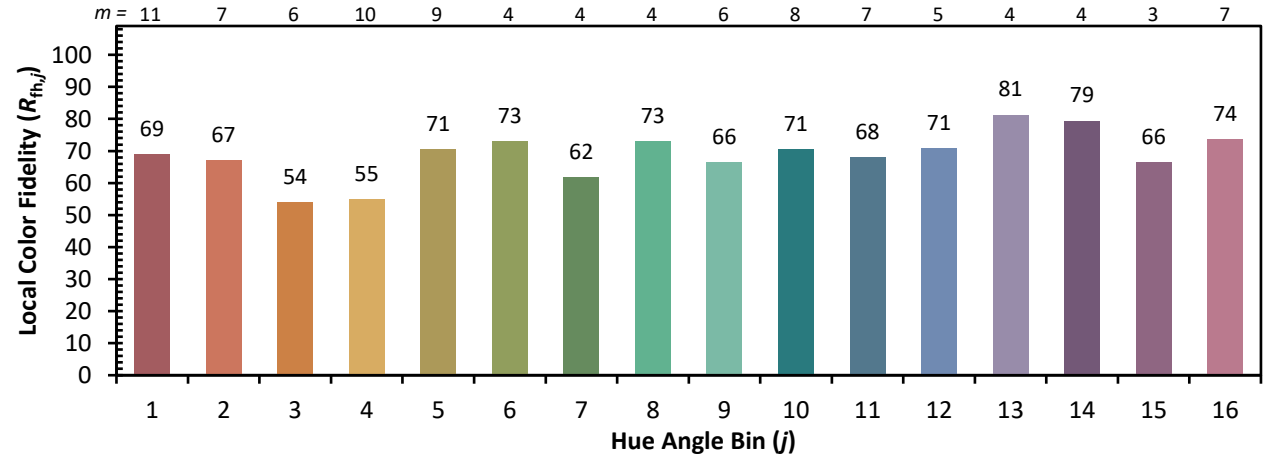
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Color Rendition by Hue-Angle Bin



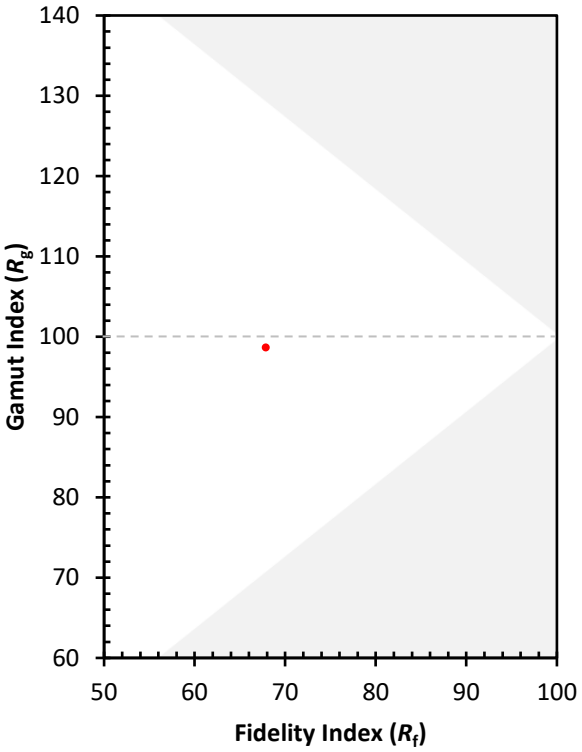


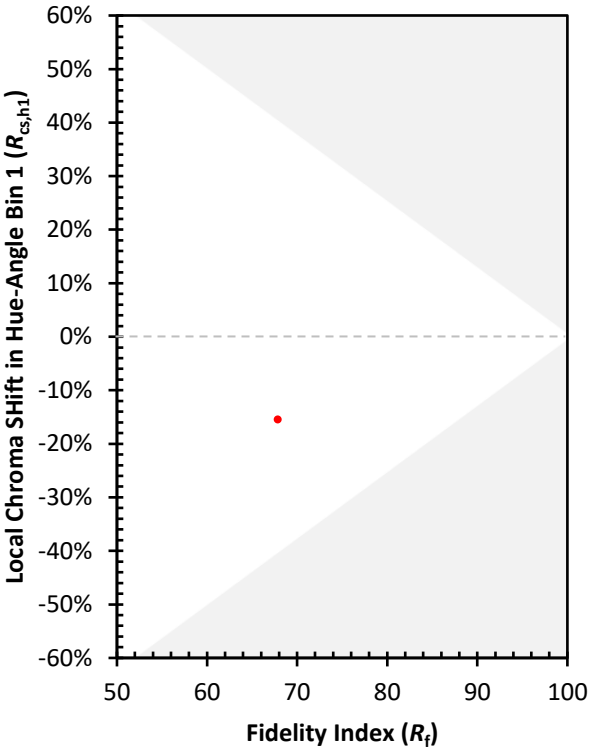


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Measure Comparisons





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