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: P1502585

Luminaire Tested: GSS-SB4A-735-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:	P1502585
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-735-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14036.7 lumens
Efficiency:	N/A
Efficacy:	123.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

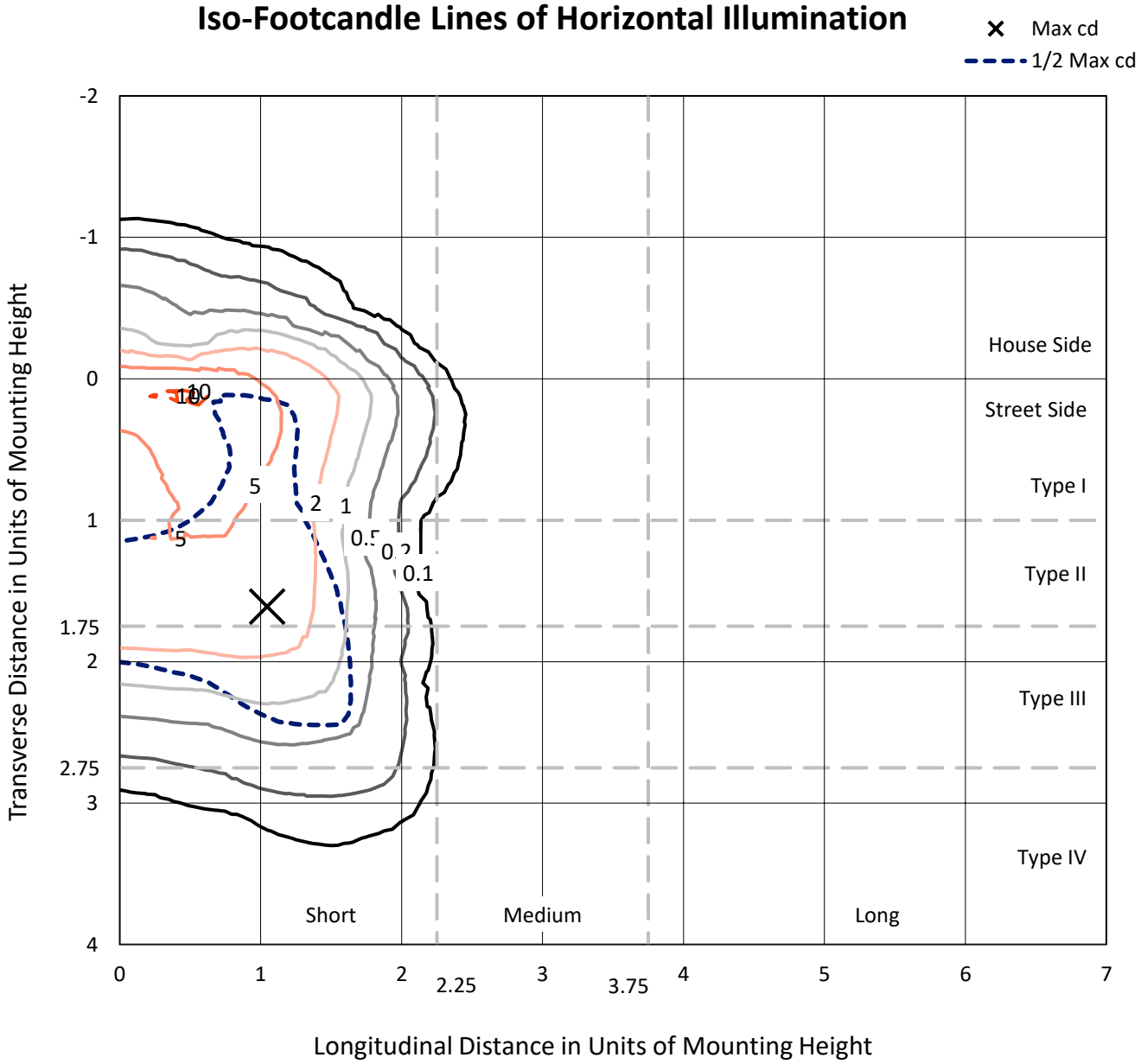
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502585
CATALOG NUMBER: GSS-SB4A-735-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



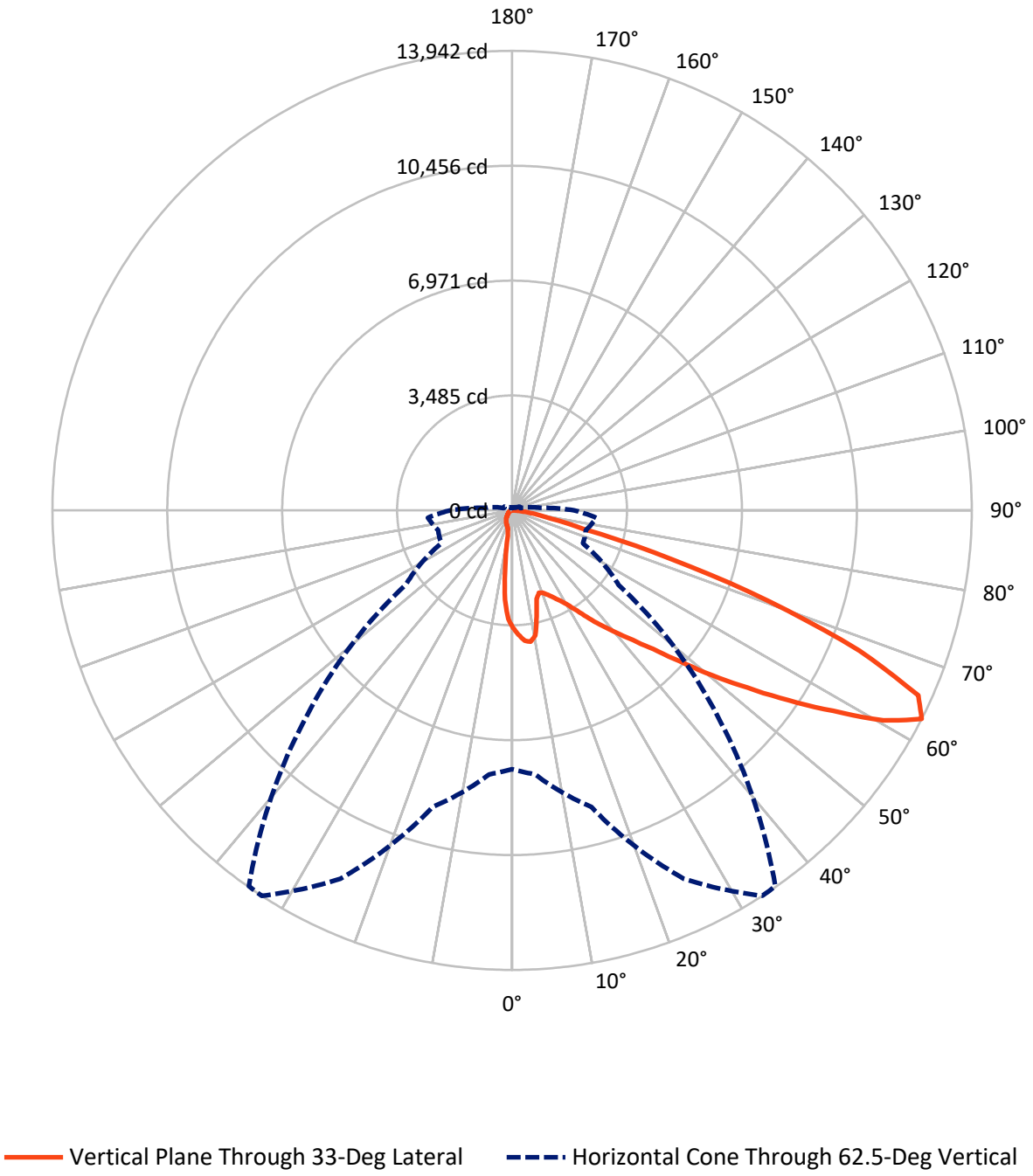
Based on 20 foot mounting height. Maximum calculated value = 10.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502585
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Luminous Intensity Polar Plot



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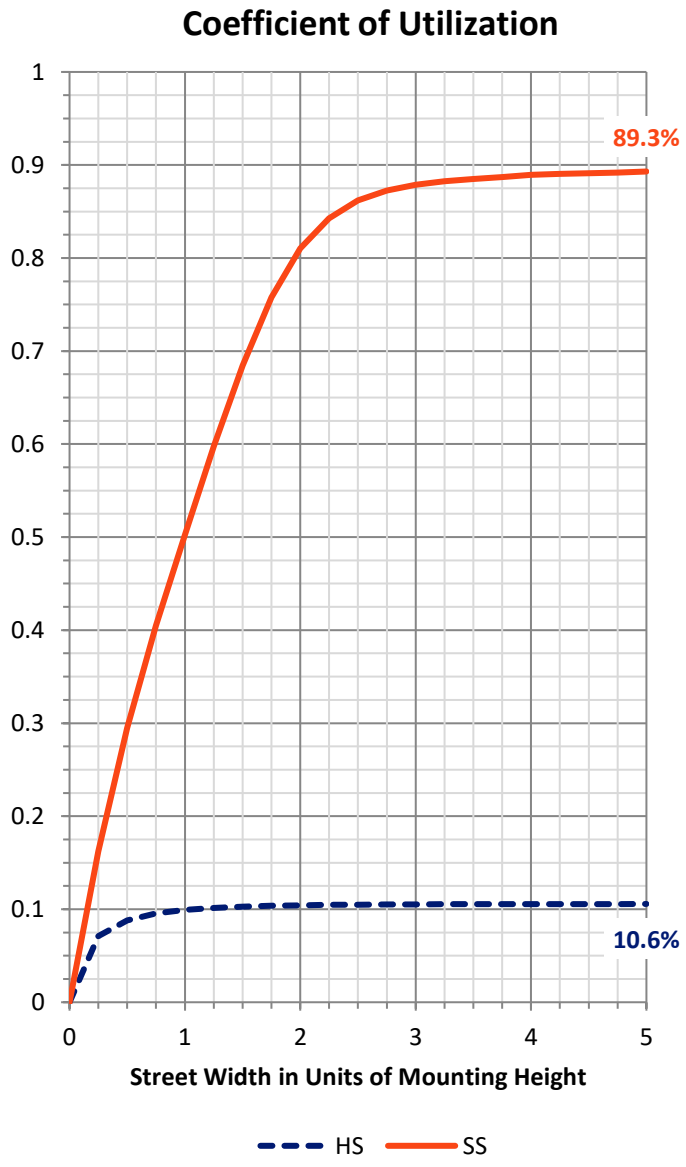
REPORT NUMBER: P1502585
CATALOG NUMBER: GSS-SB4A-735-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1493.6	0.0	1493.6
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	12543.0	0.0	12543.0
	% Fixture	89.4	0.0	89.4
Total	Lumens	14036.7	0.0	14036.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	303.1	2.2
10°-20°	676.4	4.8
20°-30°	1090.2	7.8
30°-40°	1813.7	12.9
40°-50°	2866.6	20.4
50°-60°	3851.2	27.4
60°-70°	2827.2	20.1
70°-80°	559.5	4.0
80°-90°	48.6	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°	14036.7	100.0
0°-180°	14036.7	100.0



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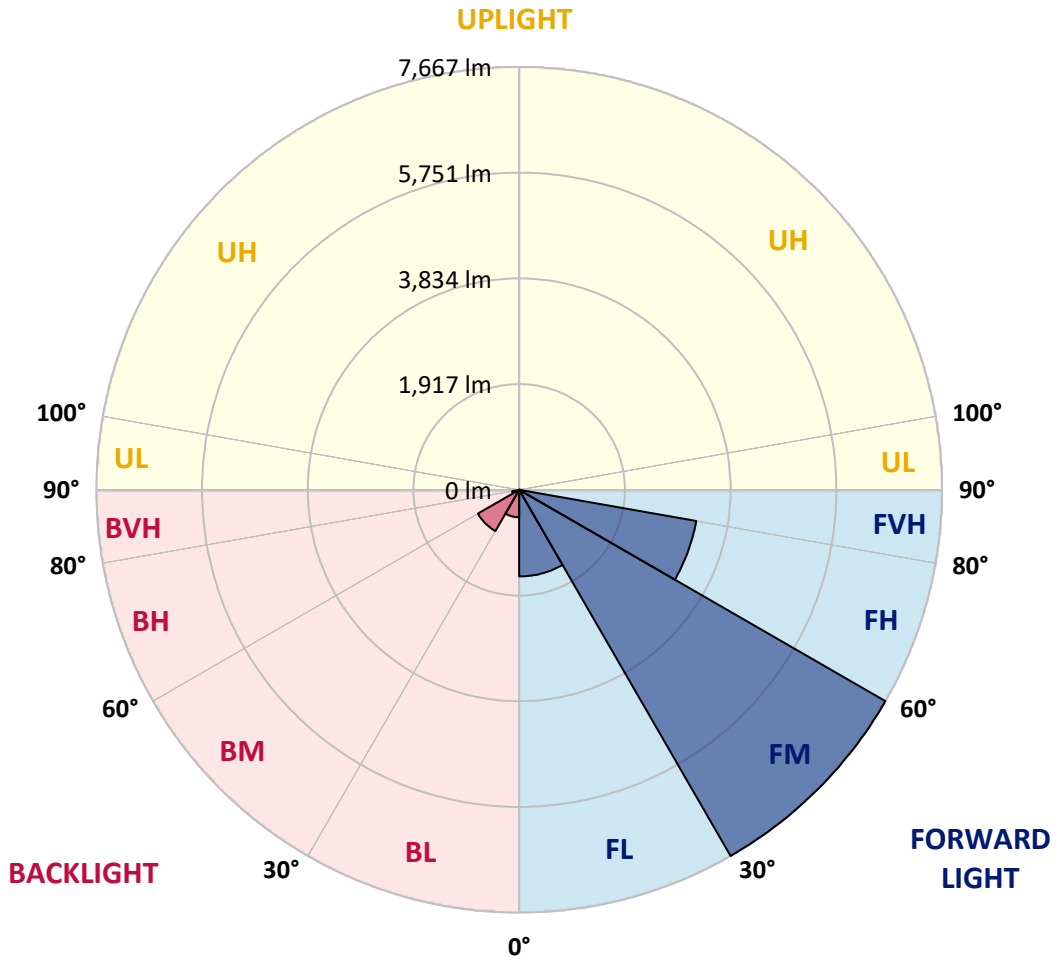
Scaled Data Report

REPORT NUMBER: P1502585
CATALOG NUMBER: GSS-SB4A-735-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1571.5	11.2			
FM	(30°-60°)	7667.5	54.6			
FH	(60°-80°)	3259.1	23.2			G2/5000
FVH	(80°-90°)	45.0	0.3			G1/100
BL	(0°-30°)	498.3	3.6	B1/500		
BM	(30°-60°)	864.0	6.2	B1/1000		
BH	(60°-80°)	127.6	0.9	B1/500		G1/500
BVH	(80°-90°)	3.7	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°	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5
2.5°	3798.7	3814.5	3814.5	3782.9	3775.0	3759.2	3743.3	3739.4	3688.0	3648.5	3609.0
5°	3992.4	3988.4	3984.5	3968.7	3972.6	3952.8	3941.0	3921.2	3834.3	3775.0	3668.2
7.5°	3909.4	3944.9	3960.8	4004.2	4024.0	4020.0	4051.7	4059.6	3984.5	3901.5	3739.4
10°	3367.8	3348.1	3490.4	3676.1	3861.9	3905.4	4075.4	4166.3	4138.6	4063.5	3854.0
12.5°	2668.2	2687.9	2786.8	3004.2	3308.5	3403.4	3893.6	4253.3	4332.3	4284.9	4012.1
15°	2442.9	2442.9	2494.2	2597.0	2778.9	2869.8	3474.6	4241.4	4537.9	4541.8	4209.8
17.5°	2395.4	2403.3	2446.8	2514.0	2632.6	2672.1	3095.1	4067.5	4739.5	4810.6	4431.1
20°	2403.3	2415.2	2462.6	2557.5	2672.1	2719.6	2996.3	3846.1	4909.4	5103.1	4664.4
22.5°	2431.0	2427.0	2510.1	2636.6	2782.8	2826.3	3079.3	3755.2	5051.7	5439.1	4937.1
25°	2462.6	2466.6	2573.3	2751.2	2929.1	2980.4	3265.1	3838.2	5154.5	5798.8	5213.8
27.5°	2557.5	2569.4	2699.8	2893.5	3103.0	3170.2	3506.2	4055.6	5332.4	6146.7	5514.2
30°	2703.7	2715.6	2865.8	3099.0	3324.3	3427.1	3806.6	4328.4	5597.2	6549.9	5822.5
32.5°	2873.7	2889.5	3083.2	3352.0	3624.8	3723.6	4150.5	4743.4	5949.0	6961.0	6142.7
35°	3087.2	3130.7	3340.2	3660.3	4028.0	4122.8	4573.4	5213.8	6407.6	7328.6	6415.5
37.5°	3379.7	3415.3	3672.2	4071.4	4443.0	4569.5	5047.8	5707.9	6822.6	7656.7	6636.8
40°	3735.4	3767.1	4055.6	4490.4	4877.8	4984.5	5545.8	6206.0	7269.3	7838.5	6684.3
42.5°	4328.4	4415.3	4597.2	4964.8	5379.8	5514.2	6099.2	6688.2	7593.4	7874.1	6609.2
45°	5364.0	5391.7	5431.2	5605.1	6004.4	6123.0	6684.3	7107.2	7787.1	7882.0	6542.0
47.5°	6356.2	6451.0	6506.4	6585.4	6826.6	6870.1	7297.0	7482.7	7941.3	7854.3	6542.0
50°	7348.3	7419.5	7514.4	7609.2	7866.2	7882.0	7945.2	7735.7	7949.2	7629.0	6502.4
52.5°	8249.6	8273.3	8435.4	8617.2	8937.4	9024.4	8546.1	7921.5	7470.9	6917.5	6316.7
55°	9056.0	9087.6	9332.7	9704.2	10162.8	10277.4	9281.3	7561.8	6447.1	5996.5	5885.8
57.5°	9577.8	9652.9	10143.0	10961.3	11479.1	11427.7	9850.5	6719.8	5178.2	4905.5	5122.9
60°	9316.9	9419.6	10451.3	12016.7	12937.7	12787.5	9692.4	5530.0	3826.4	3628.7	4055.6
62.5°	7850.4	8040.1	9316.9	12328.9	13941.7	13918.0	8799.0	3944.9	2371.7	2320.3	2561.4
65°	5458.9	5787.0	7300.9	11285.4	13538.5	13574.1	7407.6	2296.6	1098.9	1363.7	1498.1
67.5°	3217.6	3450.8	4703.9	9214.1	11360.5	11032.4	5035.9	1063.3	549.4	830.1	794.5
70°	1415.1	1573.2	2695.8	6383.9	8277.3	7747.6	2458.7	517.8	419.0	502.0	438.8
72.5°	778.7	849.9	1419.1	3371.8	5035.9	4786.9	830.1	343.9	359.7	375.5	316.2
75°	434.8	466.4	747.1	1948.8	2213.6	2059.4	403.2	225.3	304.4	304.4	233.2
77.5°	253.0	280.7	466.4	1213.5	1213.5	980.3	245.1	142.3	229.3	205.5	126.5
80°	118.6	134.4	256.9	672.0	766.9	632.5	138.3	98.8	150.2	130.4	83.0
82.5°	35.6	43.5	126.5	260.9	434.8	371.6	71.2	63.2	110.7	83.0	47.4
85°	23.7	27.7	63.2	106.7	213.5	185.8	23.7	19.8	47.4	39.5	19.8
87.5°	4.0	4.0	7.9	7.9	7.9	7.9	4.0	4.0	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: P1502585
CATALOG NUMBER: GSS-SB4A-735-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5	3565.5
2.5°	3585.2	3557.6	3494.3	3435.0	3403.4	3332.3	3304.6	3273.0	3257.1	3253.2	3229.5
5°	3601.0	3549.7	3391.5	3233.4	3067.4	2909.3	2747.2	2604.9	2490.3	2494.2	2498.2
7.5°	3648.5	3545.7	3269.0	2952.8	2597.0	2185.9	1747.2	1419.1	1209.6	1166.1	1126.6
10°	3711.7	3561.5	3118.8	2533.8	1834.1	1154.2	814.3	695.7	644.3	632.5	636.4
12.5°	3830.3	3601.0	2929.1	1956.7	1015.9	664.1	589.0	569.2	561.3	561.3	561.3
15°	3976.6	3656.4	2632.6	1280.7	664.1	553.4	537.6	533.6	525.7	525.7	529.7
17.5°	4099.1	3656.4	2241.3	834.1	545.5	513.9	502.0	498.1	498.1	502.0	498.1
20°	4233.5	3628.7	1802.5	628.5	506.0	478.3	470.4	470.4	470.4	474.3	474.3
22.5°	4371.9	3581.3	1395.4	537.6	470.4	446.7	442.7	446.7	450.6	454.6	454.6
25°	4526.0	3522.0	1102.8	498.1	438.8	419.0	419.0	419.0	423.0	430.9	434.8
27.5°	4696.0	3470.6	944.7	474.3	411.1	391.3	391.3	395.3	403.2	407.1	411.1
30°	4854.1	3470.6	893.3	486.2	399.2	375.5	367.6	371.6	379.5	387.4	387.4
32.5°	5051.7	3510.1	921.0	537.6	395.3	351.8	343.9	343.9	351.8	355.8	355.8
35°	5217.8	3585.2	1015.9	608.7	411.1	332.0	316.2	312.3	320.2	316.2	320.2
37.5°	5352.2	3688.0	1189.8	703.6	442.7	308.3	288.6	276.7	276.7	276.7	276.7
40°	5391.7	3790.8	1411.2	766.9	438.8	280.7	253.0	241.1	237.2	233.2	233.2
42.5°	5336.3	3838.2	1589.0	762.9	391.3	260.9	225.3	209.5	197.6	193.7	193.7
45°	5292.9	3861.9	1652.3	664.1	355.8	237.2	201.6	181.8	170.0	166.0	162.1
47.5°	5296.8	3885.7	1557.4	541.5	324.1	217.4	181.8	162.1	150.2	146.3	142.3
50°	5312.6	3846.1	1320.3	450.6	296.5	197.6	162.1	146.3	134.4	130.4	126.5
52.5°	5146.6	3636.6	928.9	395.3	272.7	185.8	146.3	134.4	122.5	118.6	118.6
55°	4711.8	3134.6	628.5	351.8	253.0	170.0	134.4	126.5	114.6	106.7	106.7
57.5°	4016.1	2363.8	434.8	320.2	221.4	154.2	126.5	114.6	102.8	94.9	94.9
60°	3071.4	1541.6	316.2	292.5	181.8	142.3	118.6	110.7	94.9	87.0	83.0
62.5°	*1869.7*	*865.7*	*256.9*	*256.9*	*154.2*	*134.4*	*106.7*	*98.8*	*83.0*	*71.2*	*67.2*
65°	1083.1	509.9	209.5	217.4	134.4	122.5	94.9	83.0	67.2	55.3	51.4
67.5°	521.8	296.5	166.0	154.2	118.6	102.8	83.0	71.2	59.3	47.4	43.5
70°	320.2	229.3	126.5	110.7	94.9	79.1	67.2	63.2	51.4	39.5	39.5
72.5°	260.9	185.8	98.8	79.1	71.2	55.3	55.3	51.4	39.5	31.6	27.7
75°	205.5	138.3	75.1	55.3	43.5	43.5	39.5	35.6	31.6	23.7	23.7
77.5°	110.7	94.9	55.3	31.6	23.7	27.7	27.7	23.7	19.8	15.8	15.8
80°	71.2	55.3	31.6	15.8	15.8	15.8	15.8	11.9	11.9	7.9	7.9
82.5°	35.6	27.7	15.8	4.0	7.9	7.9	7.9	7.9	7.9	4.0	4.0
85°	7.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
87.5°	0.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0
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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

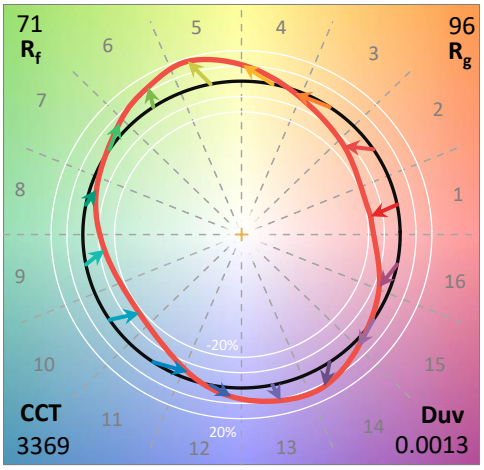
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-5
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-735-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369
CIE u':	0.2386
CIE v':	0.5156
Duv:	0.0013
CIE x:	0.4143
CIE y:	0.3980
CIE z:	0.1877
Peak Wavelength (nm):	590
Dominant Wavelength (nm):	580
Purity:	43.80166
Rf:	71.4
Rg:	96

CRI (Ra):	70.1
R1:	66.6
R2:	77.6
R3:	88.5
R4:	69.5
R5:	66.4
R6:	69.6
R7:	77.5
R8:	44.9
R9:	-40.2
R10:	49.1
R11:	66.3
R12:	45.7
R13:	68.0
R14:	93.4
R15:	57.6



Test Conditions

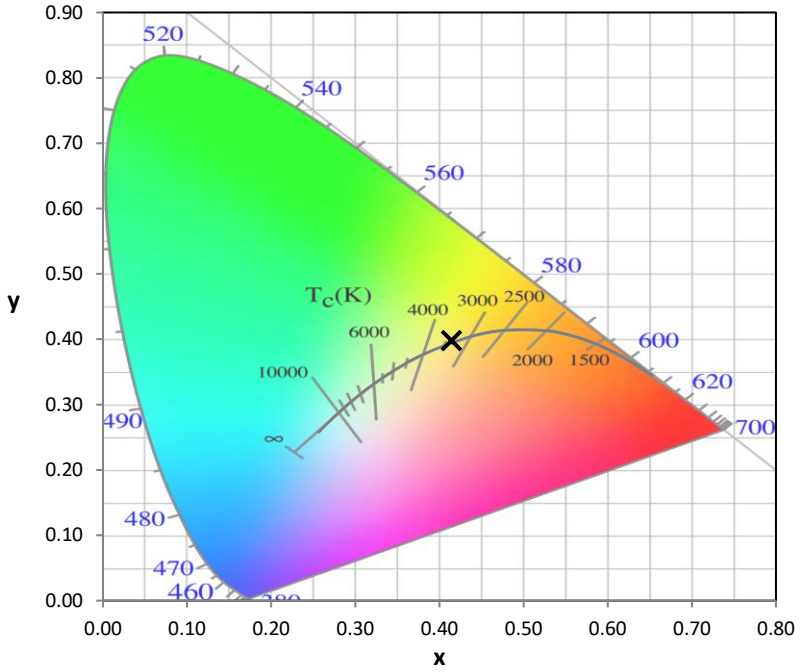
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

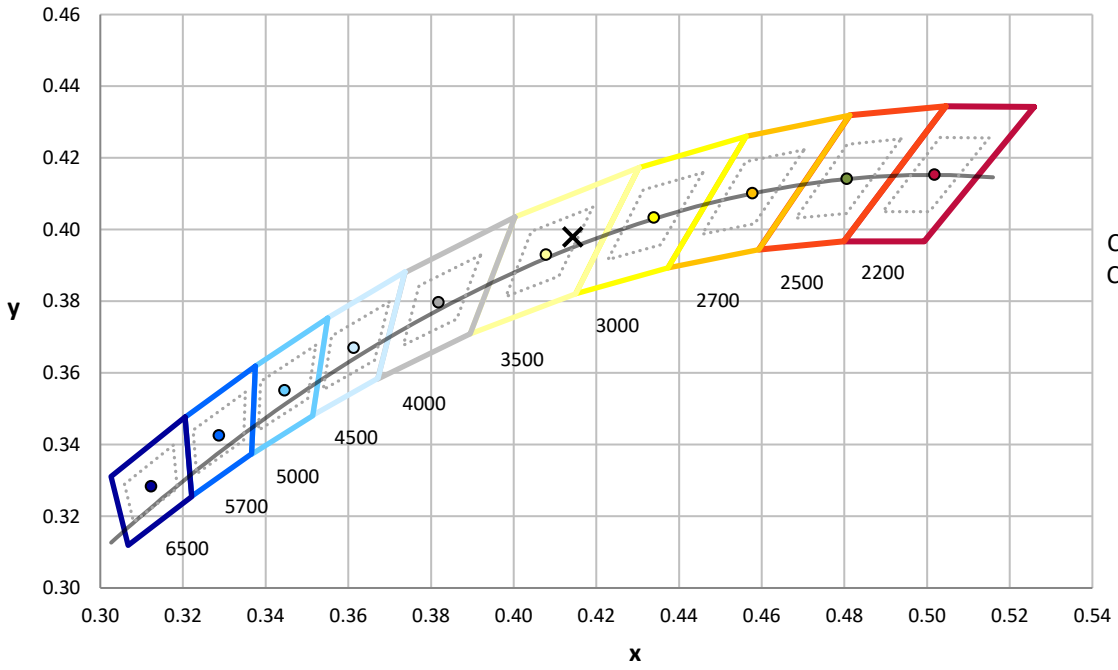
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



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

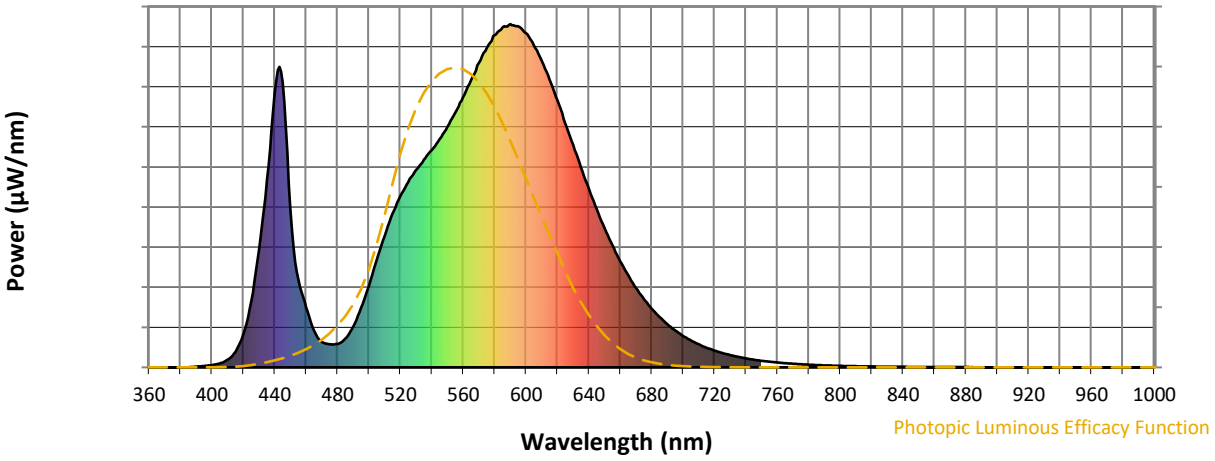


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

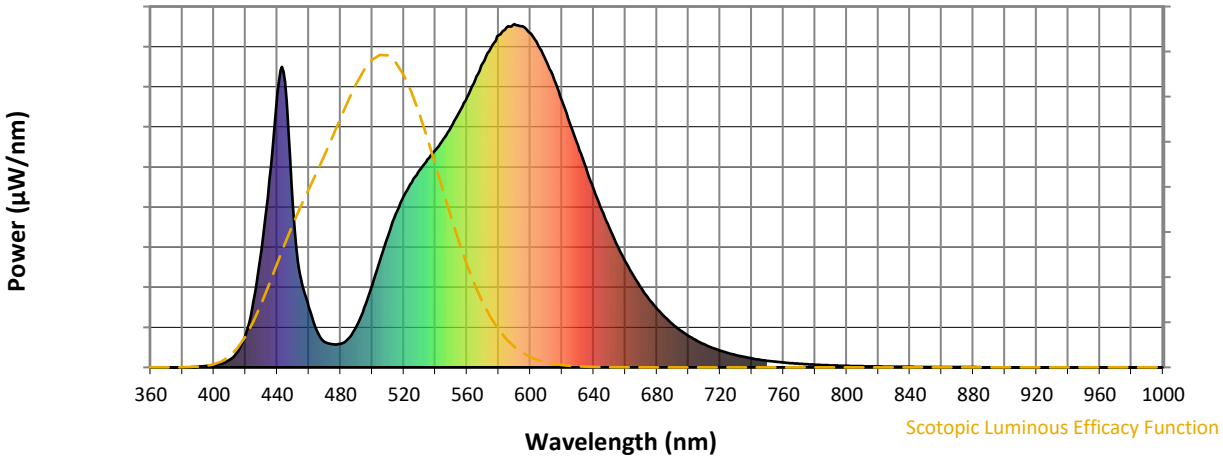


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

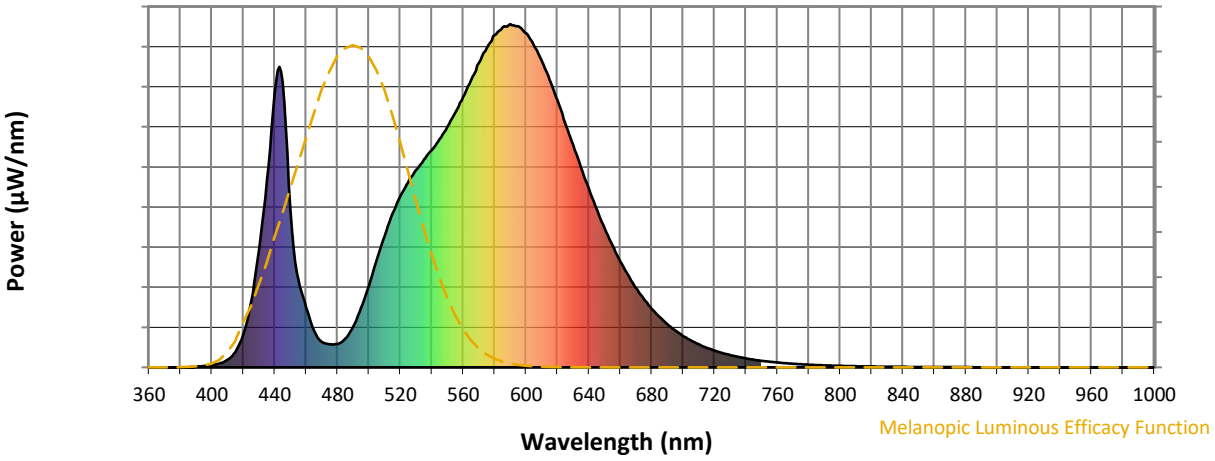


Scotopic Lumens: NR **S/P: 1.29**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.36**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

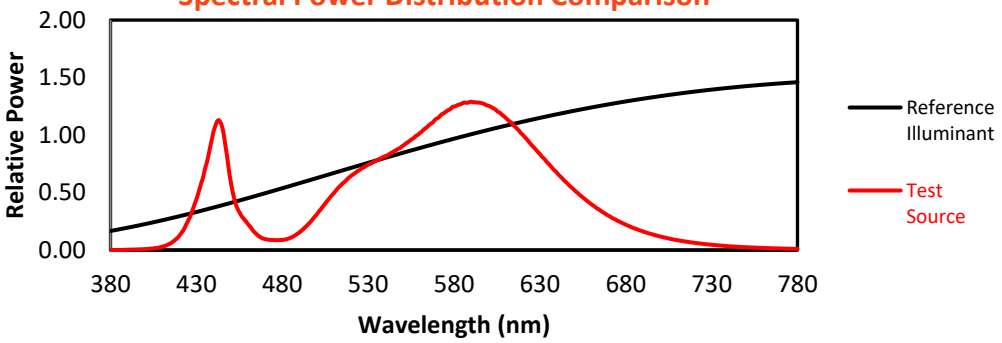
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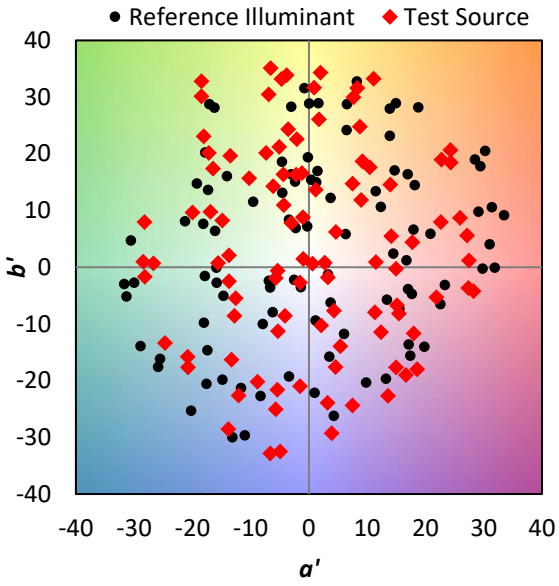
Summary

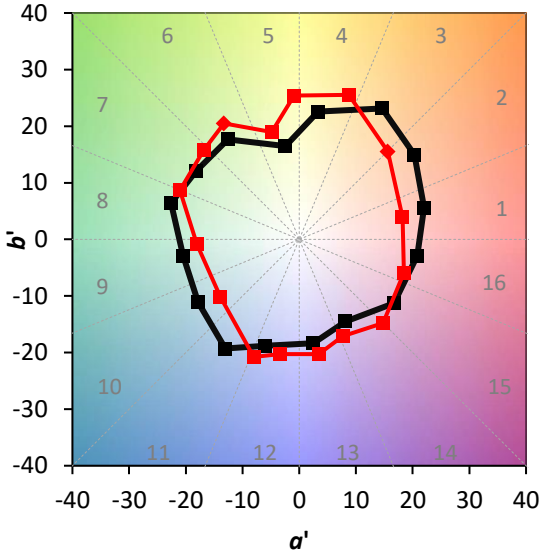
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R_g = 96
CIE R_a = 70.1
R_9 = -40.2

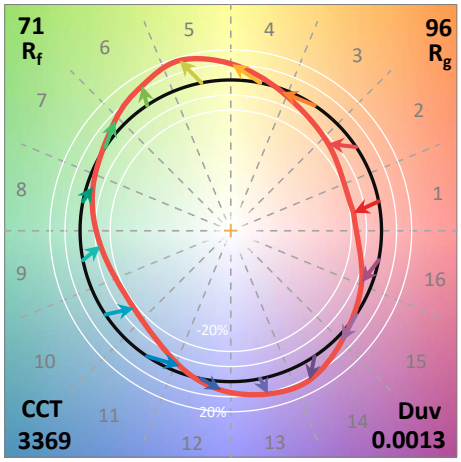
Spectral Power Distribution Comparison

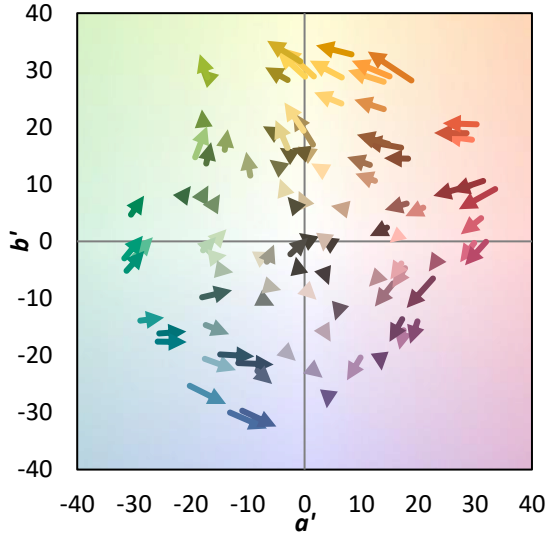


Color Vector Graphics







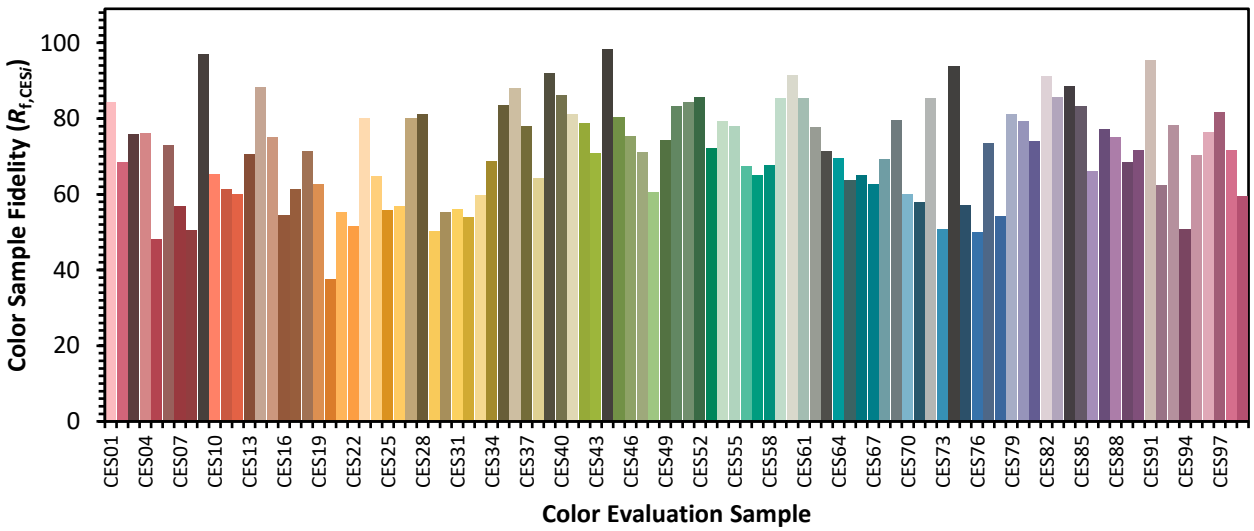


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Individual Sample Fidelity Index ($R_{f,i}$)

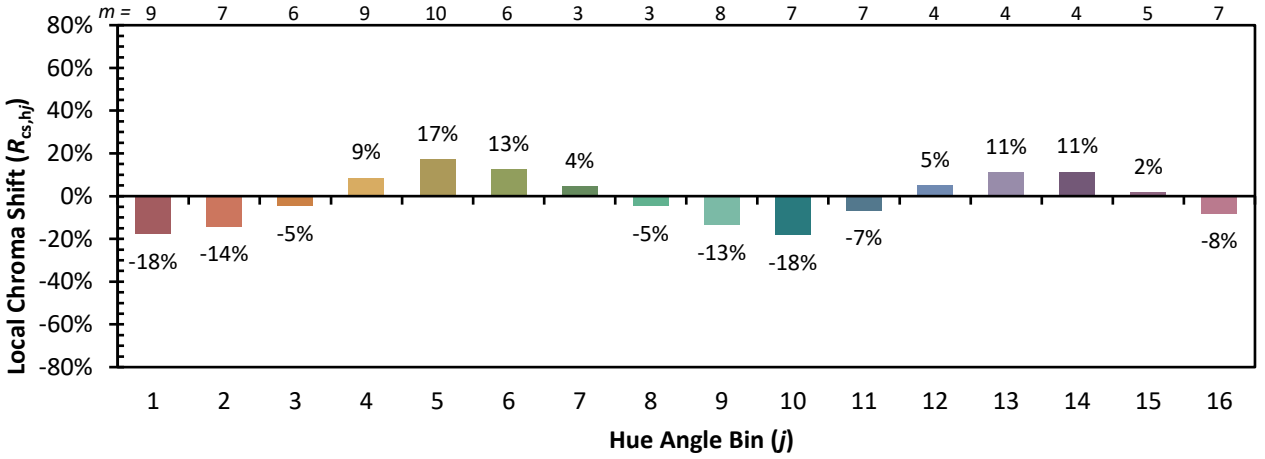
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CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	

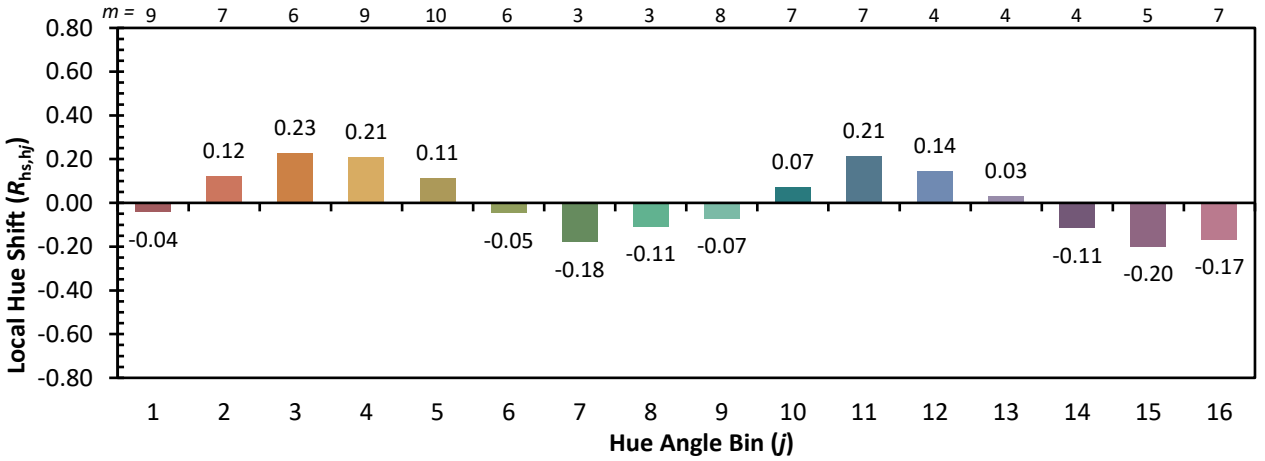


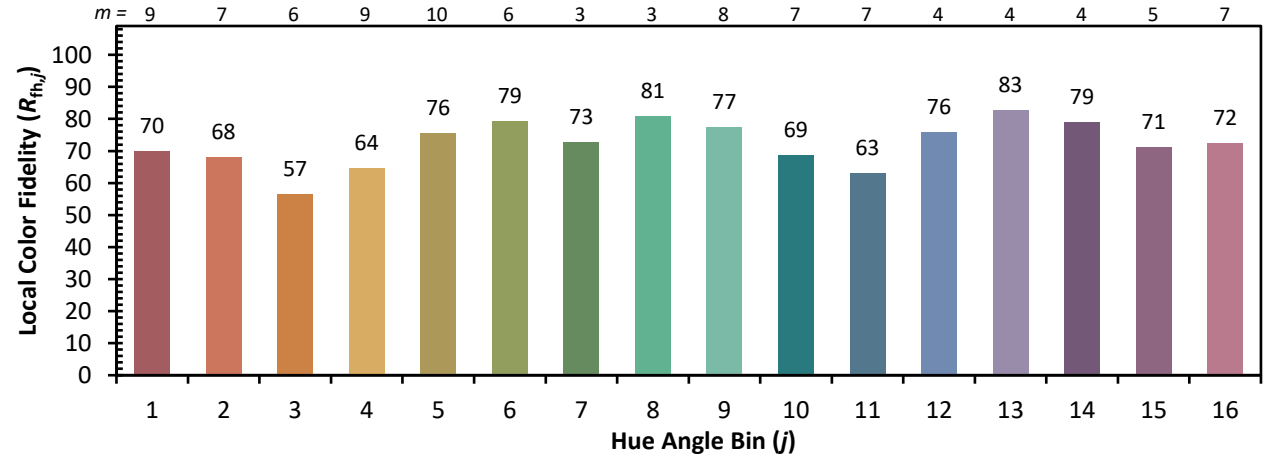
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Color Rendition by Hue-Angle Bin



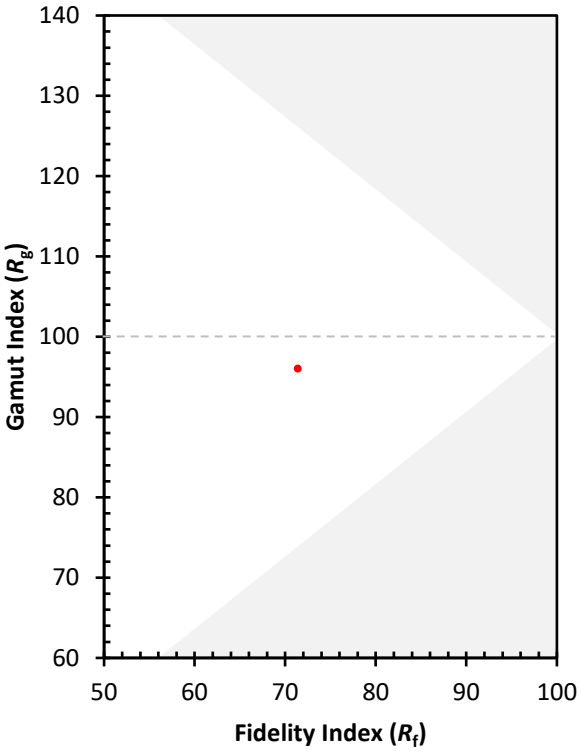


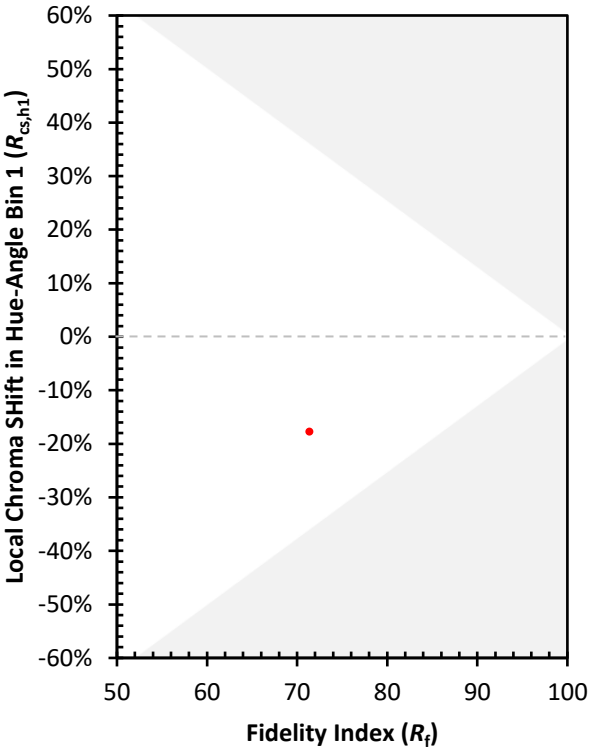


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Measure Comparisons





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