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: P1502726

Luminaire Tested: GSS-SB3B-840-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:	P1502726
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12168.7 lumens
Efficiency:	N/A
Efficacy:	111.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

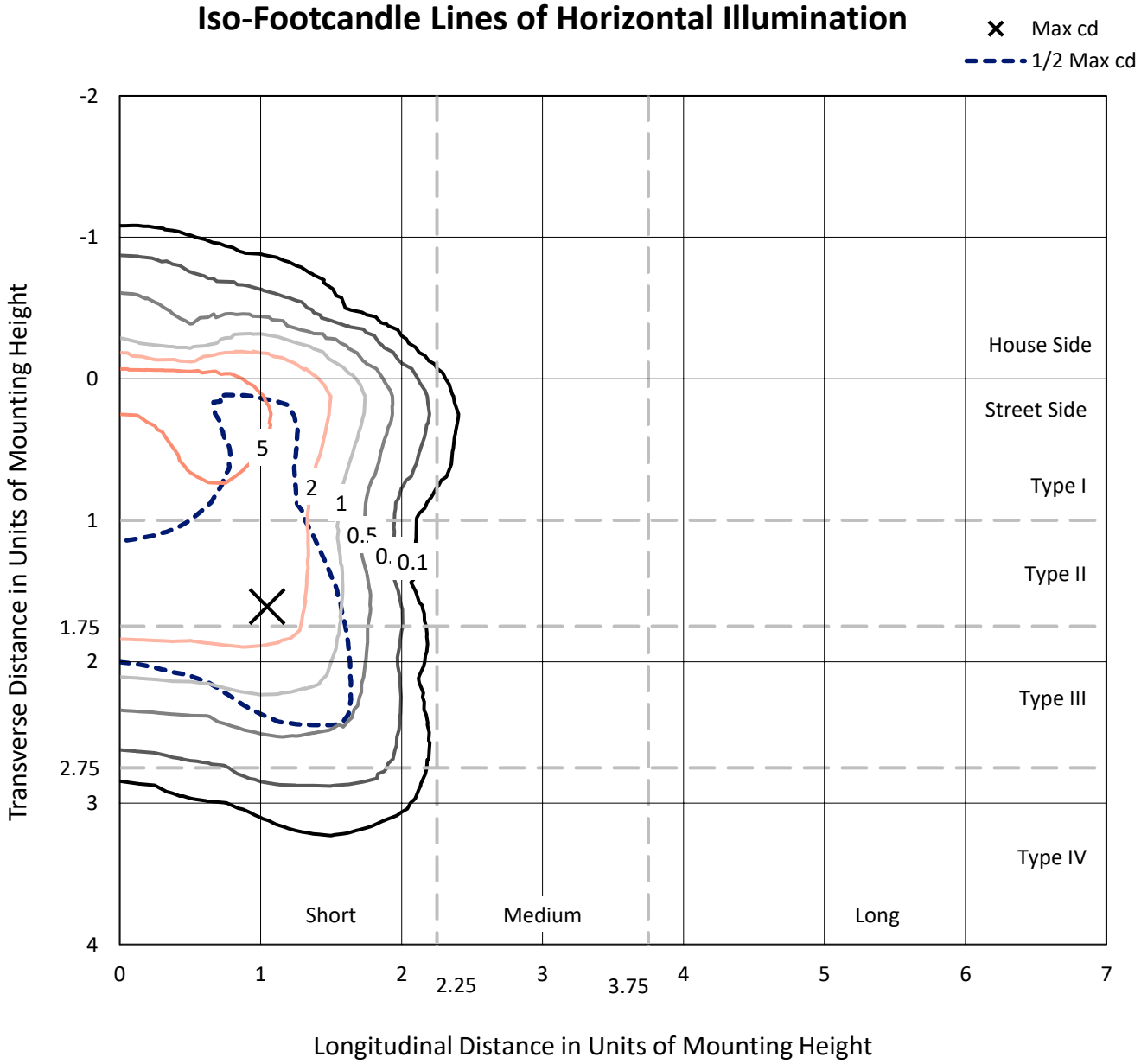
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502726
CATALOG NUMBER: GSS-SB3B-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



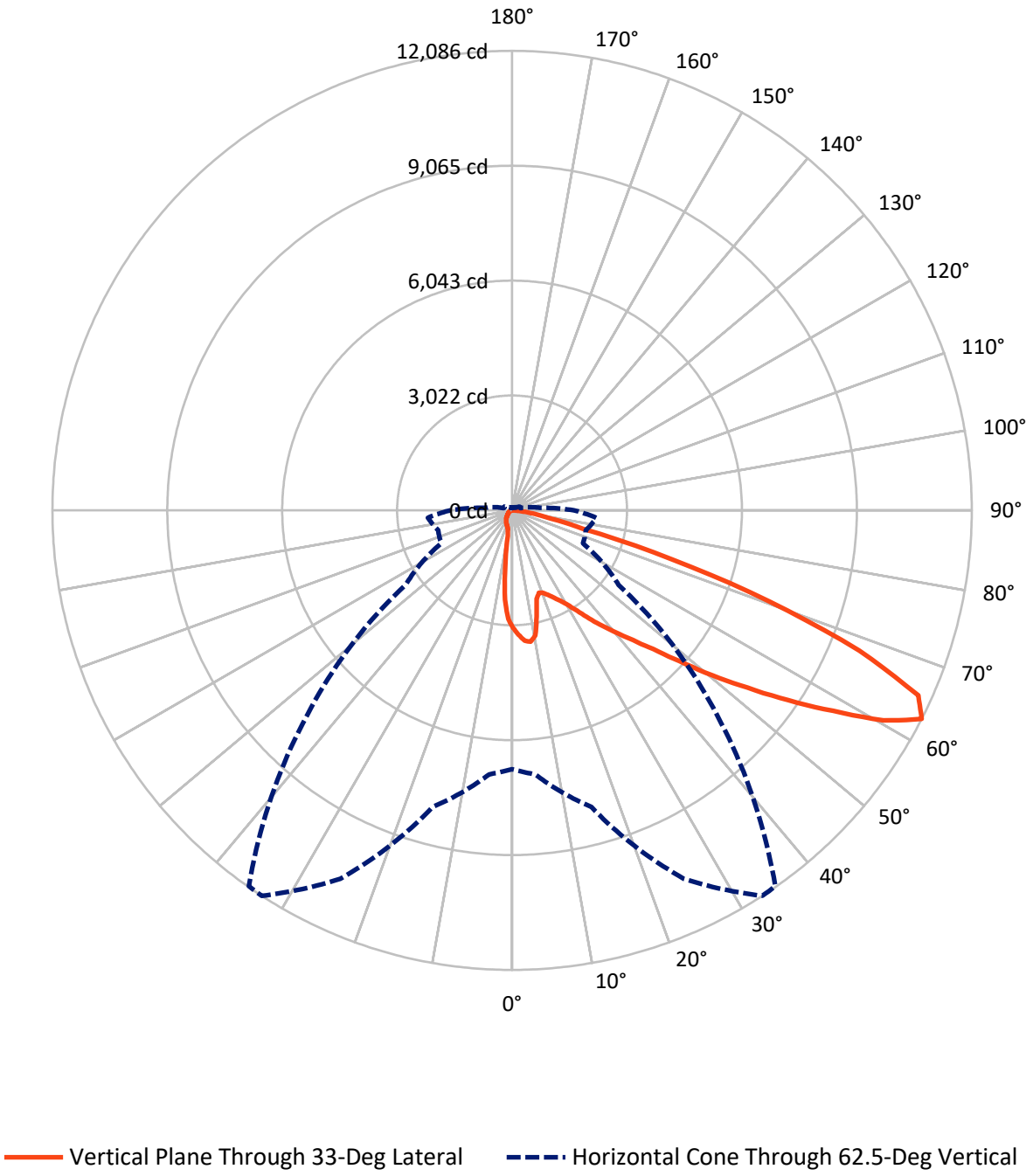
Based on 20 foot mounting height. Maximum calculated value = 9.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1502726
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Luminous Intensity Polar Plot



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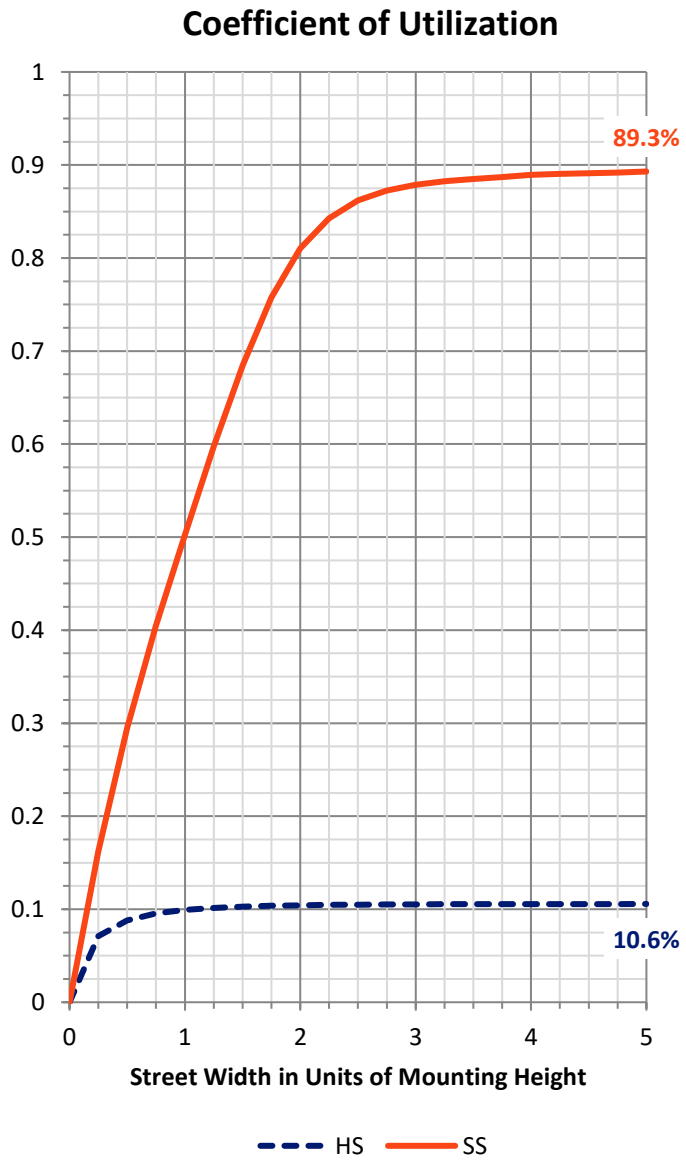
REPORT NUMBER: P1502726
CATALOG NUMBER: GSS-SB3B-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1294.8	0.0	1294.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	10873.8	0.0	10873.8
	% Fixture	89.4	0.0	89.4
Total	Lumens	12168.7	0.0	12168.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.8	2.2
10°-20°	586.4	4.8
20°-30°	945.1	7.8
30°-40°	1572.3	12.9
40°-50°	2485.1	20.4
50°-60°	3338.7	27.4
60°-70°	2451.0	20.1
70°-80°	485.1	4.0
80°-90°	42.2	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°	12168.7	100.0
0°-180°	12168.7	100.0



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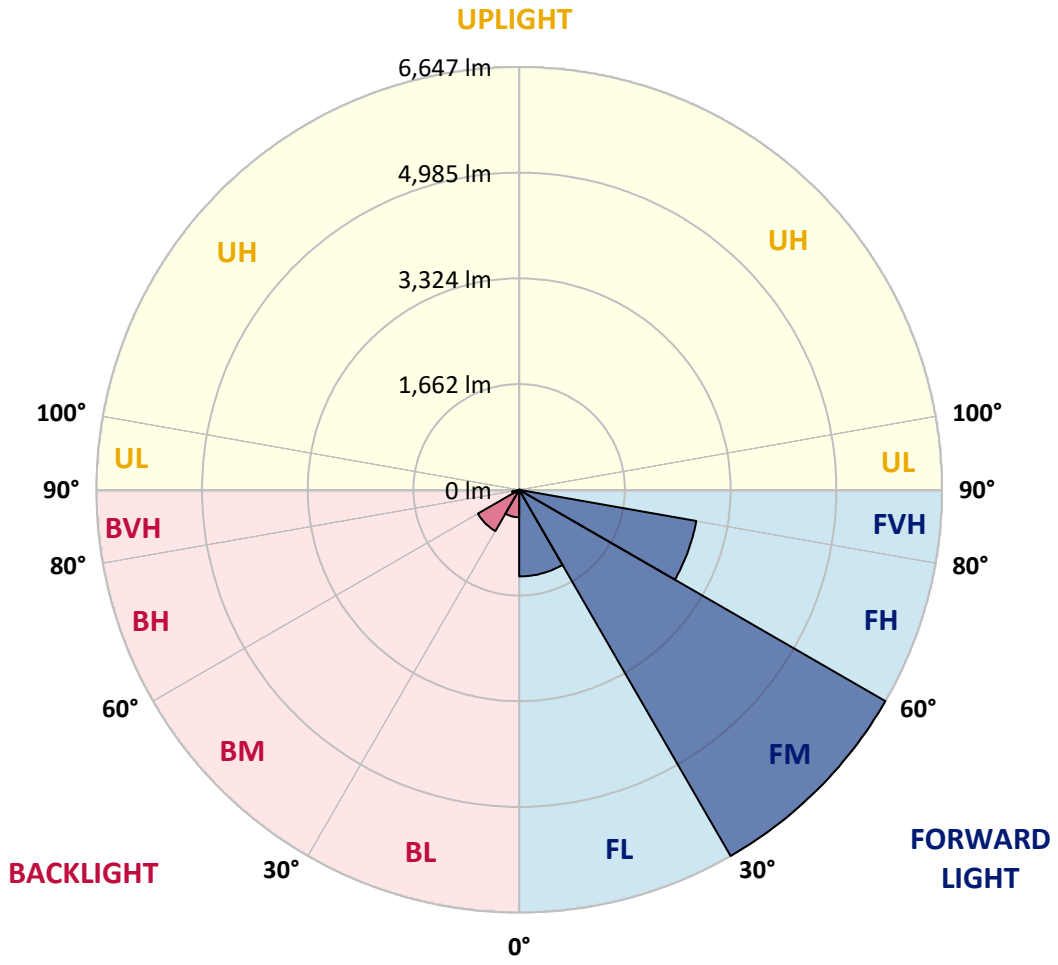
Scaled Data Report

REPORT NUMBER: P1502726
CATALOG NUMBER: GSS-SB3B-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1362.3	11.2			
FM	(30°-60°)	6647.1	54.6			
FH	(60°-80°)	2825.4	23.2			G2/5000
FVH	(80°-90°)	39.0	0.3			G1/100
BL	(0°-30°)	432.0	3.6	B1/500		
BM	(30°-60°)	749.0	6.2	B1/1000		
BH	(60°-80°)	110.6	0.9	B1/500		G1/500
BVH	(80°-90°)	3.2	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°	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0
2.5°	3293.2	3306.9	3306.9	3279.5	3272.6	3258.9	3245.2	3241.8	3197.2	3162.9	3128.7
5°	3461.1	3457.7	3454.2	3440.5	3443.9	3426.8	3416.5	3399.4	3324.0	3272.6	3180.1
7.5°	3389.1	3420.0	3433.7	3471.4	3488.5	3485.1	3512.5	3519.3	3454.2	3382.3	3241.8
10°	2919.6	2902.5	3025.9	3186.9	3348.0	3385.7	3533.0	3611.9	3587.9	3522.8	3341.1
12.5°	2313.1	2330.2	2415.9	2604.4	2868.2	2950.5	3375.4	3687.2	3755.8	3714.7	3478.2
15°	2117.8	2117.8	2162.3	2251.4	2409.0	2487.9	3012.2	3677.0	3934.0	3937.4	3649.6
17.5°	2076.6	2083.5	2121.2	2179.5	2282.3	2316.5	2683.2	3526.2	4108.7	4170.4	3841.5
20°	2083.5	2093.8	2134.9	2217.1	2316.5	2357.6	2597.5	3334.3	4256.1	4424.0	4043.6
22.5°	2107.5	2104.1	2176.0	2285.7	2412.5	2450.2	2669.5	3255.5	4379.5	4715.3	4280.1
25°	2134.9	2138.3	2230.9	2385.1	2539.3	2583.8	2830.5	3327.4	4468.6	5027.1	4520.0
27.5°	2217.1	2227.4	2340.5	2508.4	2690.0	2748.3	3039.6	3515.9	4622.8	5328.7	4780.4
30°	2343.9	2354.2	2484.4	2686.6	2881.9	2971.0	3300.0	3752.4	4852.4	5678.2	5047.7
32.5°	2491.3	2505.0	2672.9	2905.9	3142.4	3228.1	3598.1	4112.2	5157.3	6034.6	5325.3
35°	2676.3	2714.0	2895.7	3173.2	3491.9	3574.2	3964.8	4520.0	5554.9	6353.3	5561.7
37.5°	2929.9	2960.8	3183.5	3529.6	3851.7	3961.4	4376.0	4948.3	5914.7	6637.7	5753.6
40°	3238.3	3265.7	3515.9	3892.9	4228.7	4321.2	4807.8	5380.1	6301.9	6795.4	5794.7
42.5°	3752.4	3827.7	3985.4	4304.1	4663.9	4780.4	5287.6	5798.2	6582.9	6826.2	5729.6
45°	4650.2	4674.2	4708.4	4859.2	5205.3	5308.1	5794.7	6161.4	6750.8	6833.1	5671.4
47.5°	5510.3	5592.6	5640.5	5709.1	5918.1	5955.8	6325.9	6487.0	6884.5	6809.1	5671.4
50°	6370.4	6432.1	6514.4	6596.6	6819.4	6833.1	6887.9	6706.3	6891.3	6613.7	5637.1
52.5°	7151.8	7172.3	7312.8	7470.4	7748.0	7823.4	7408.8	6867.3	6476.7	5996.9	5476.0
55°	7850.8	7878.2	8090.7	8412.8	8810.3	8909.7	8046.1	6555.5	5589.1	5198.5	5102.5
57.5°	8303.2	8368.3	8793.2	9502.5	9951.5	9906.9	8539.6	5825.6	4489.1	4252.7	4441.1
60°	8077.0	8166.1	9060.5	10417.5	11215.9	11085.7	8402.5	4794.1	3317.2	3145.8	3515.9
62.5°	6805.6	6970.1	8077.0	10688.2	12086.4	12065.8	7628.1	3420.0	2056.1	2011.5	2220.6
65°	4732.4	5016.8	6329.3	9783.5	11736.8	11767.7	6421.8	1991.0	952.7	1182.2	1298.8
67.5°	2789.4	2991.6	4077.9	7987.9	9848.7	9564.2	4365.8	921.8	476.3	719.6	688.8
70°	1226.8	1363.9	2337.1	5534.3	7175.7	6716.5	2131.5	448.9	363.2	435.2	380.4
72.5°	675.1	736.8	1230.2	2923.1	4365.8	4149.9	719.6	298.1	311.8	325.5	274.1
75°	376.9	404.4	647.7	1689.4	1919.0	1785.4	349.5	195.3	263.9	263.9	202.2
77.5°	219.3	243.3	404.4	1052.0	1052.0	849.8	212.5	123.4	198.8	178.2	109.7
80°	102.8	116.5	222.7	582.6	664.8	548.3	119.9	85.7	130.2	113.1	72.0
82.5°	30.8	37.7	109.7	226.2	376.9	322.1	61.7	54.8	96.0	72.0	41.1
85°	20.6	24.0	54.8	92.5	185.0	161.1	20.6	17.1	41.1	34.3	17.1
87.5°	3.4	3.4	6.9	6.9	6.9	6.9	3.4	3.4	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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Scaled Data Report

REPORT NUMBER: P1502726
CATALOG NUMBER: GSS-SB3B-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0	3091.0
2.5°	3108.1	3084.1	3029.3	2977.9	2950.5	2888.8	2864.8	2837.4	2823.7	2820.3	2799.7
5°	3121.8	3077.3	2940.2	2803.1	2659.2	2522.1	2381.6	2258.3	2158.9	2162.3	2165.7
7.5°	3162.9	3073.8	2834.0	2559.8	2251.4	1895.0	1514.6	1230.2	1048.6	1010.9	976.6
10°	3217.8	3087.6	2703.8	2196.6	1590.0	1000.6	705.9	603.1	558.6	548.3	551.7
12.5°	3320.6	3121.8	2539.3	1696.3	880.7	575.7	510.6	493.5	486.6	486.6	486.6
15°	3447.4	3169.8	2282.3	1110.3	575.7	479.8	466.0	462.6	455.8	455.8	459.2
17.5°	3553.6	3169.8	1943.0	723.1	472.9	445.5	435.2	431.8	431.8	435.2	431.8
20°	3670.1	3145.8	1562.6	544.9	438.6	414.6	407.8	407.8	407.8	411.2	411.2
22.5°	3790.1	3104.7	1209.7	466.0	407.8	387.2	383.8	387.2	390.7	394.1	394.1
25°	3923.7	3053.3	956.1	431.8	380.4	363.2	363.2	363.2	366.7	373.5	376.9
27.5°	4071.0	3008.7	819.0	411.2	356.4	339.3	339.3	342.7	349.5	353.0	356.4
30°	4208.1	3008.7	774.5	421.5	346.1	325.5	318.7	322.1	329.0	335.8	335.8
32.5°	4379.5	3043.0	798.4	466.0	342.7	305.0	298.1	298.1	305.0	308.4	308.4
35°	4523.4	3108.1	880.7	527.7	356.4	287.9	274.1	270.7	277.6	274.1	277.6
37.5°	4639.9	3197.2	1031.5	610.0	383.8	267.3	250.2	239.9	239.9	239.9	239.9
40°	4674.2	3286.3	1223.4	664.8	380.4	243.3	219.3	209.0	205.6	202.2	202.2
42.5°	4626.2	3327.4	1377.6	661.4	339.3	226.2	195.3	181.6	171.3	167.9	167.9
45°	4588.5	3348.0	1432.4	575.7	308.4	205.6	174.8	157.6	147.4	143.9	140.5
47.5°	4591.9	3368.6	1350.2	469.5	281.0	188.5	157.6	140.5	130.2	126.8	123.4
50°	4605.6	3334.3	1144.6	390.7	257.0	171.3	140.5	126.8	116.5	113.1	109.7
52.5°	4461.7	3152.7	805.3	342.7	236.4	161.1	126.8	116.5	106.2	102.8	102.8
55°	4084.8	2717.5	544.9	305.0	219.3	147.4	116.5	109.7	99.4	92.5	92.5
57.5°	3481.6	2049.2	376.9	277.6	191.9	133.6	109.7	99.4	89.1	82.2	82.2
60°	2662.6	1336.5	274.1	253.6	157.6	123.4	102.8	96.0	82.2	75.4	72.0
62.5°	*1620.9*	*750.5*	*222.7*	*222.7*	*133.6*	*116.5*	*92.5*	*85.7*	*72.0*	*61.7*	*58.3*
65°	938.9	442.1	181.6	188.5	116.5	106.2	82.2	72.0	58.3	48.0	44.5
67.5°	452.3	257.0	143.9	133.6	102.8	89.1	72.0	61.7	51.4	41.1	37.7
70°	277.6	198.8	109.7	96.0	82.2	68.5	58.3	54.8	44.5	34.3	34.3
72.5°	226.2	161.1	85.7	68.5	61.7	48.0	48.0	44.5	34.3	27.4	24.0
75°	178.2	119.9	65.1	48.0	37.7	37.7	34.3	30.8	27.4	20.6	20.6
77.5°	96.0	82.2	48.0	27.4	20.6	24.0	24.0	20.6	17.1	13.7	13.7
80°	61.7	48.0	27.4	13.7	13.7	13.7	13.7	10.3	10.3	6.9	6.9
82.5°	30.8	24.0	13.7	3.4	6.9	6.9	6.9	6.9	6.9	3.4	3.4
85°	6.9	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
87.5°	0.0	0.0	0.0	0.0	0.0	3.4	3.4	3.4	3.4	3.4	3.4
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

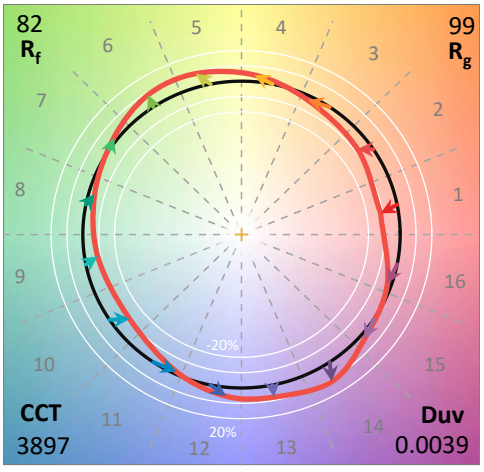
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

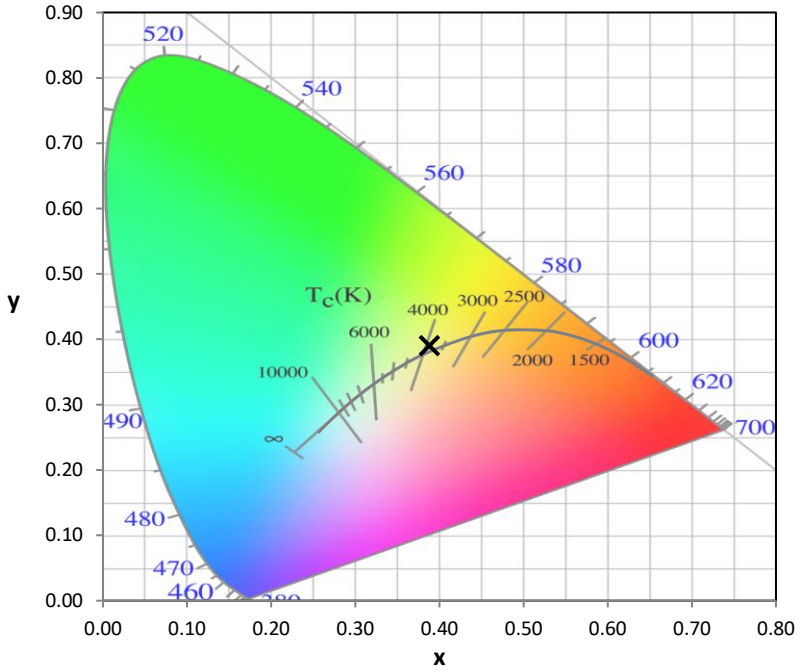
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

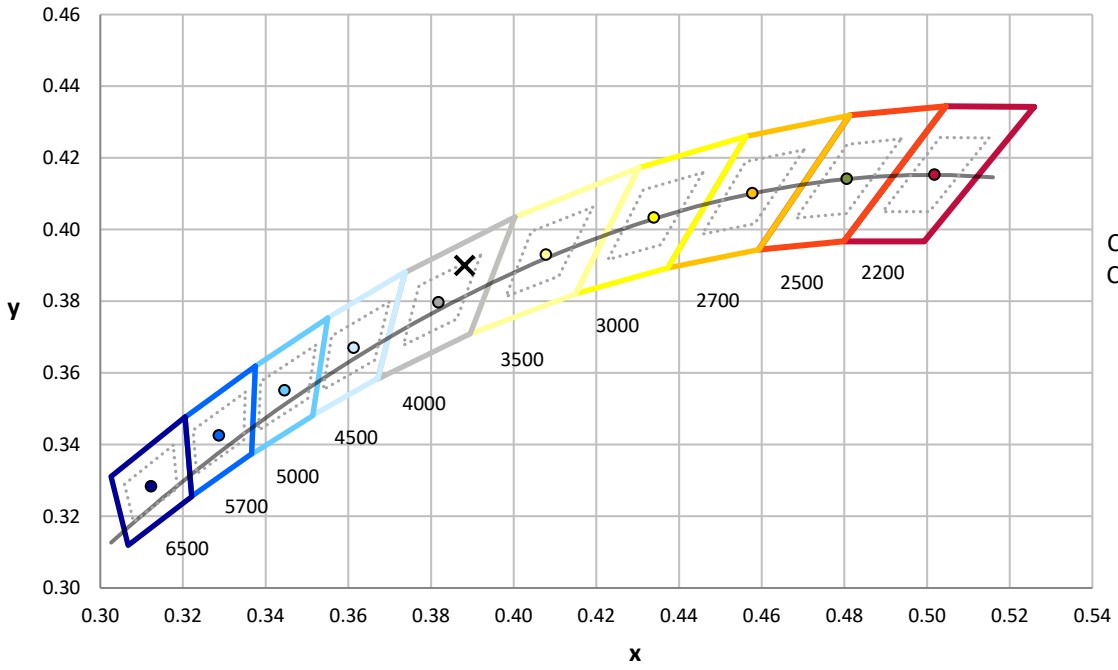
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

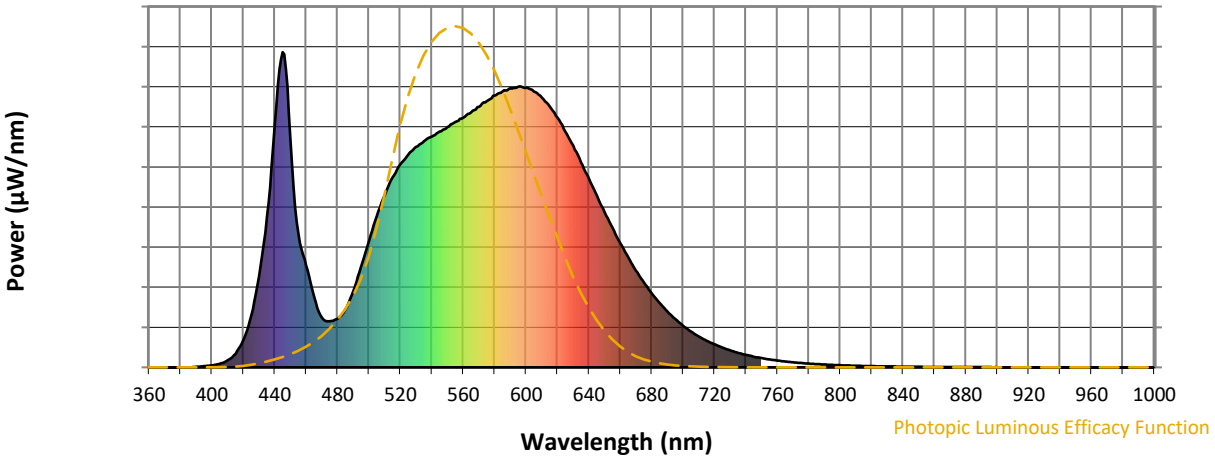


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

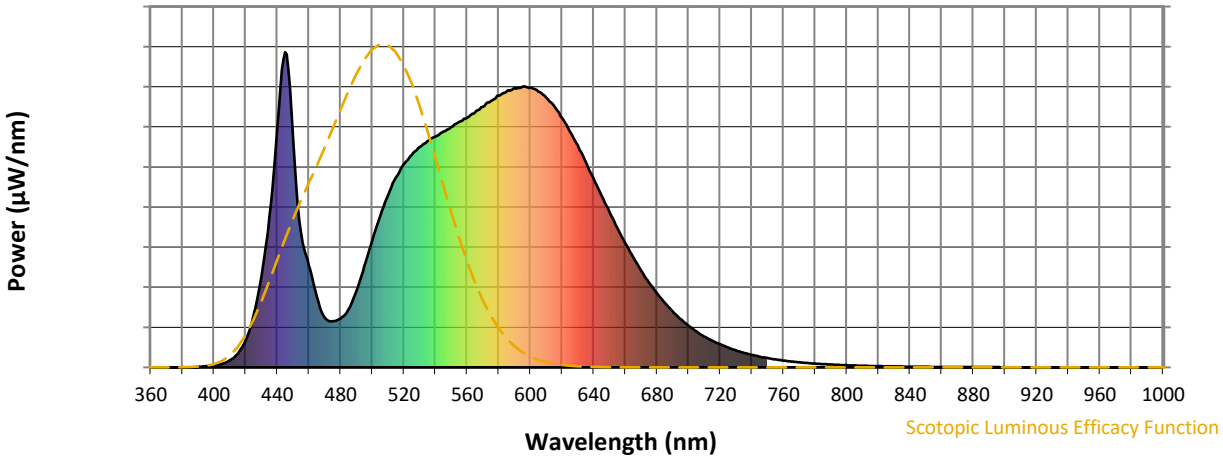


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

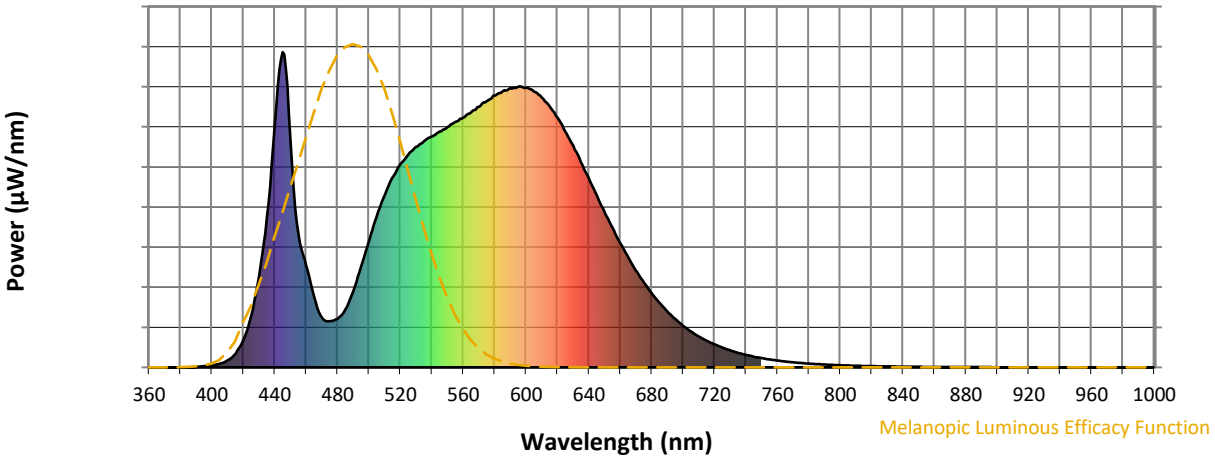


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

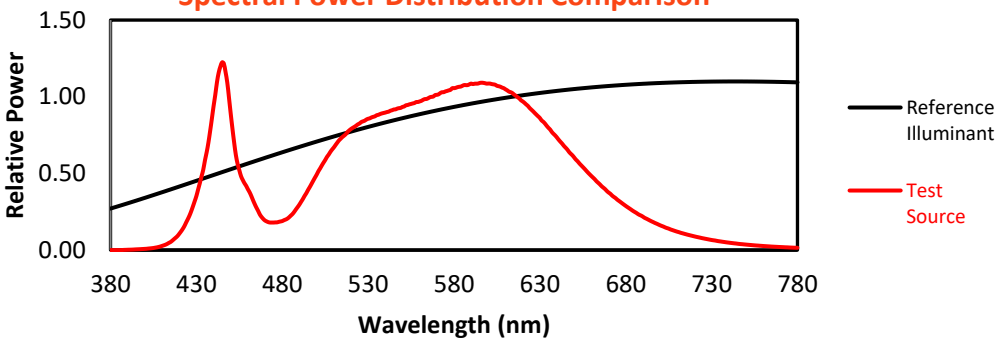
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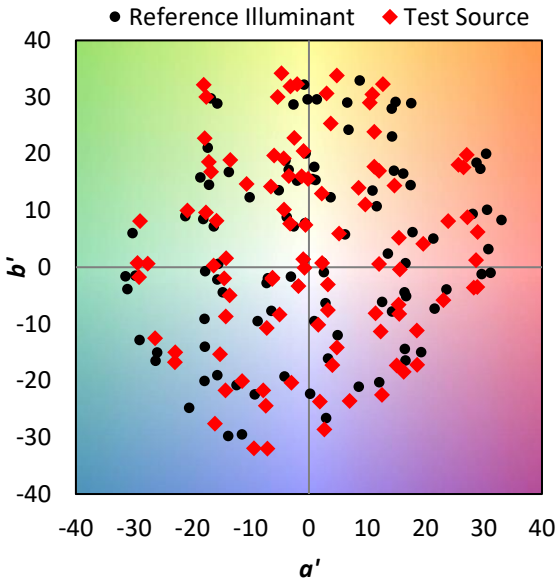
Summary

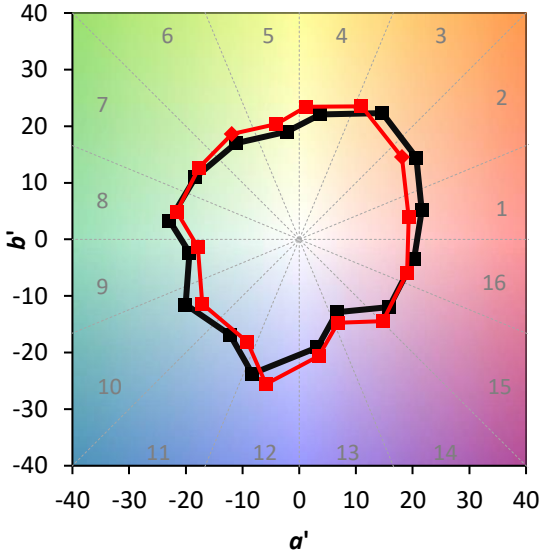
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

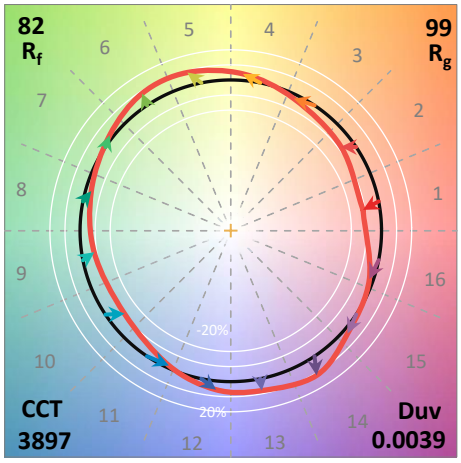
Spectral Power Distribution Comparison

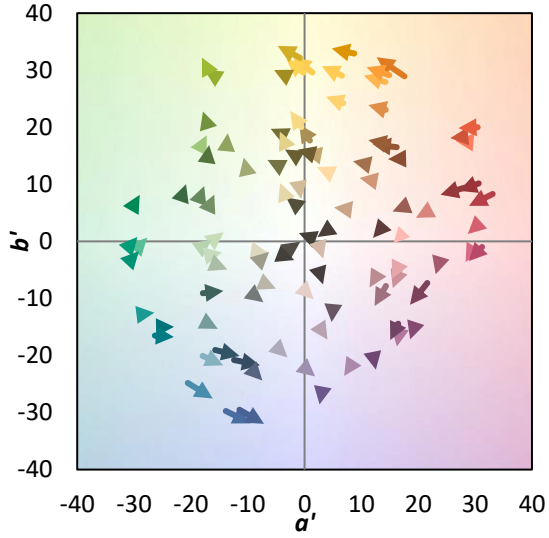


Color Vector Graphics







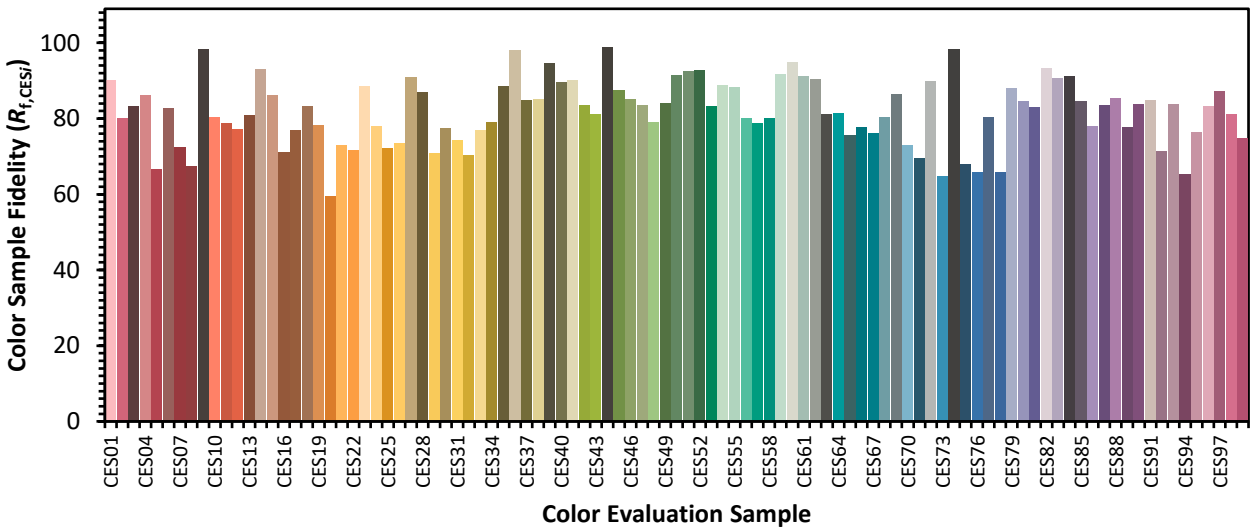


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Individual Sample Fidelity Index ($R_{f,i}$)

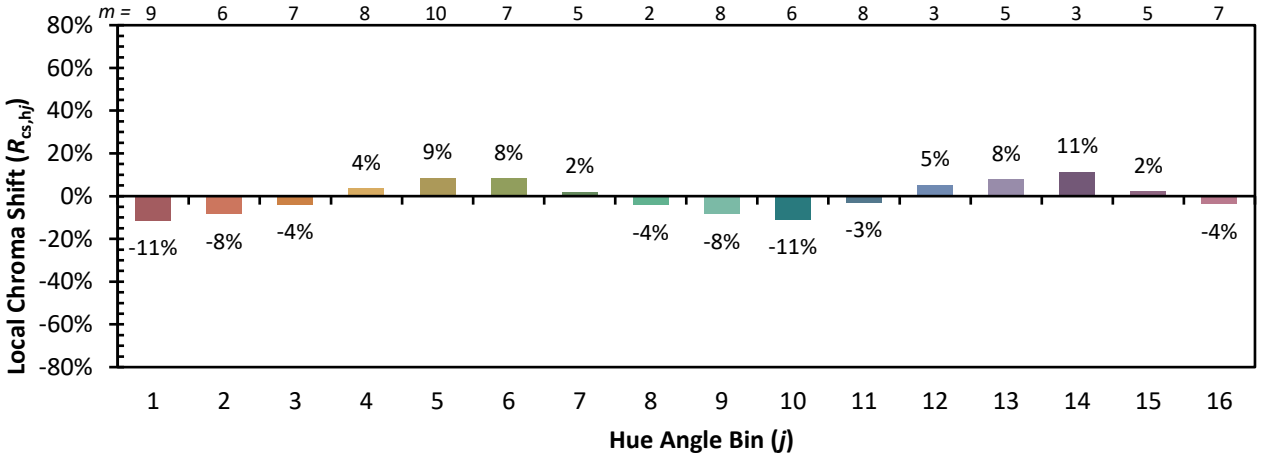
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

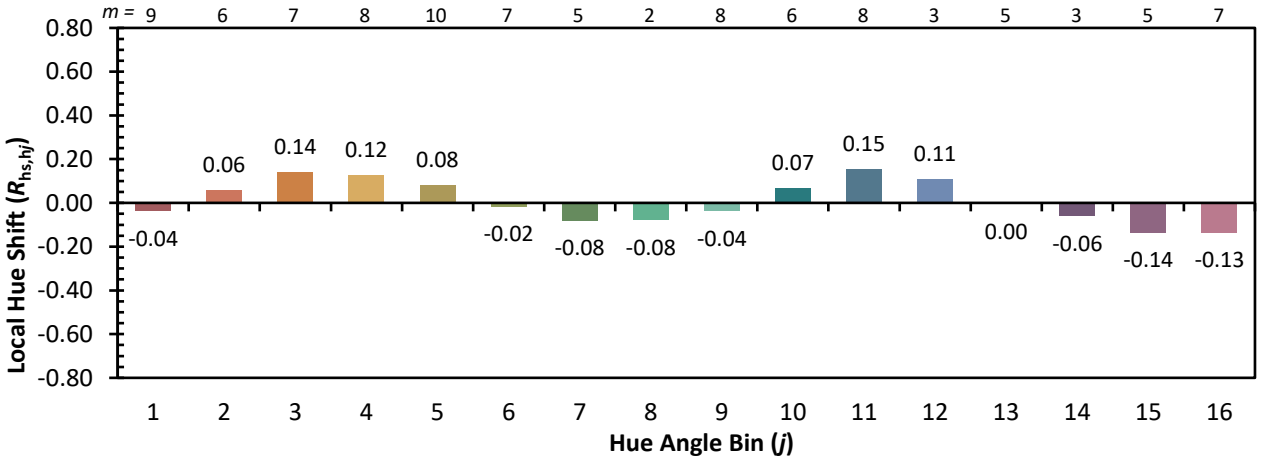


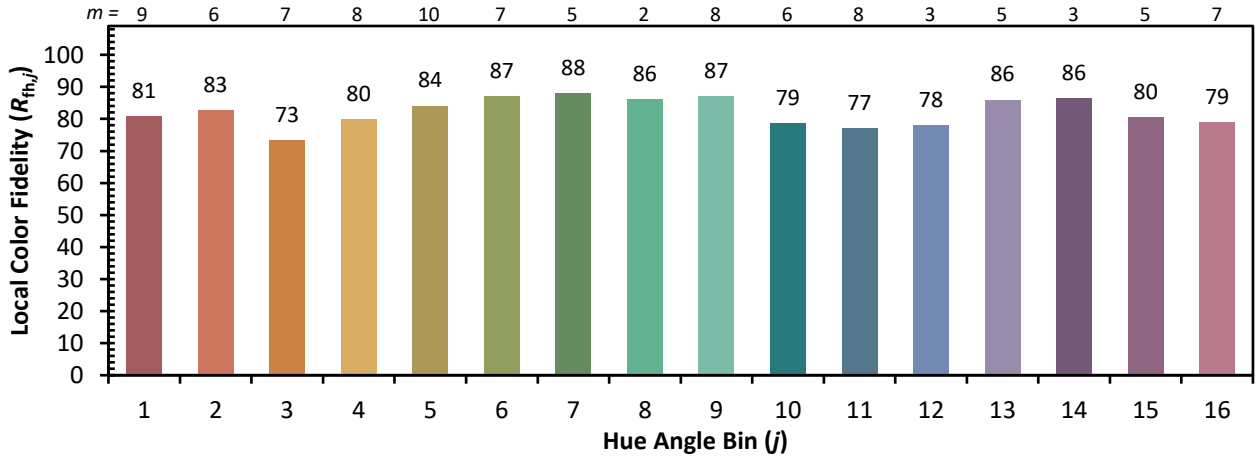
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Color Rendition by Hue-Angle Bin



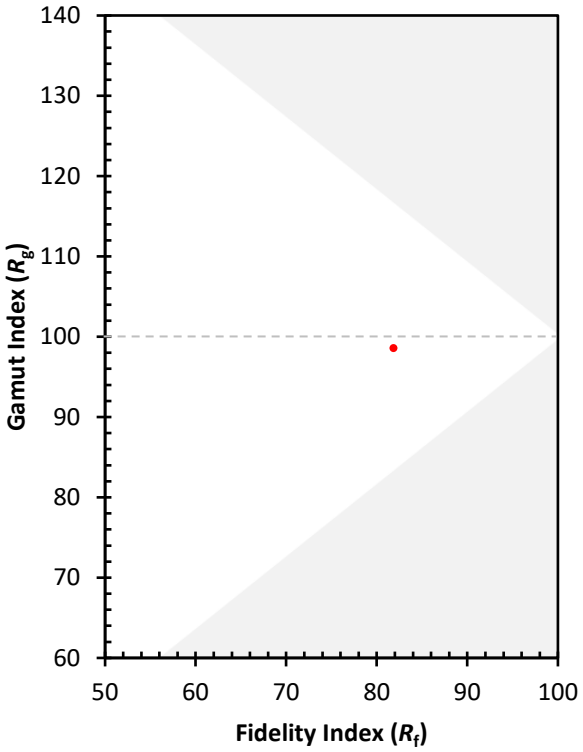


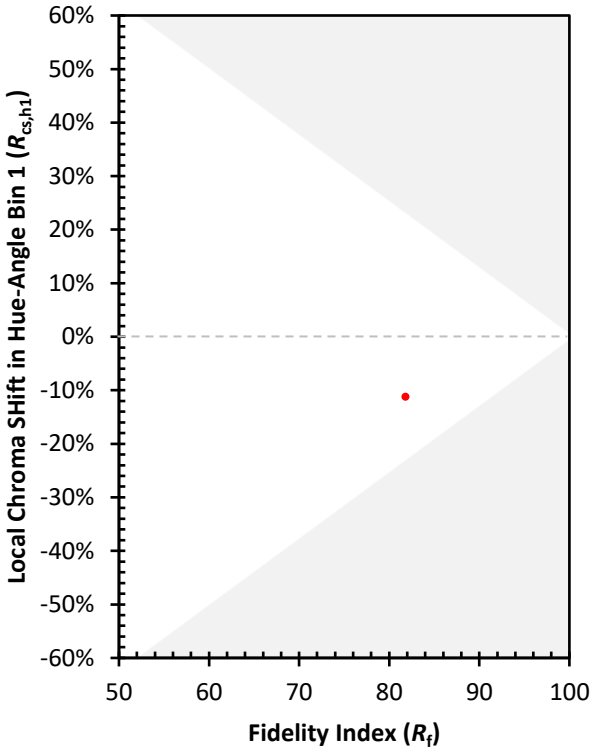


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Measure Comparisons





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