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: P1502733

Luminaire Tested: GSS-SB5A-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:	P1502733
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16775.4 lumens
Efficiency:	N/A
Efficacy:	117.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

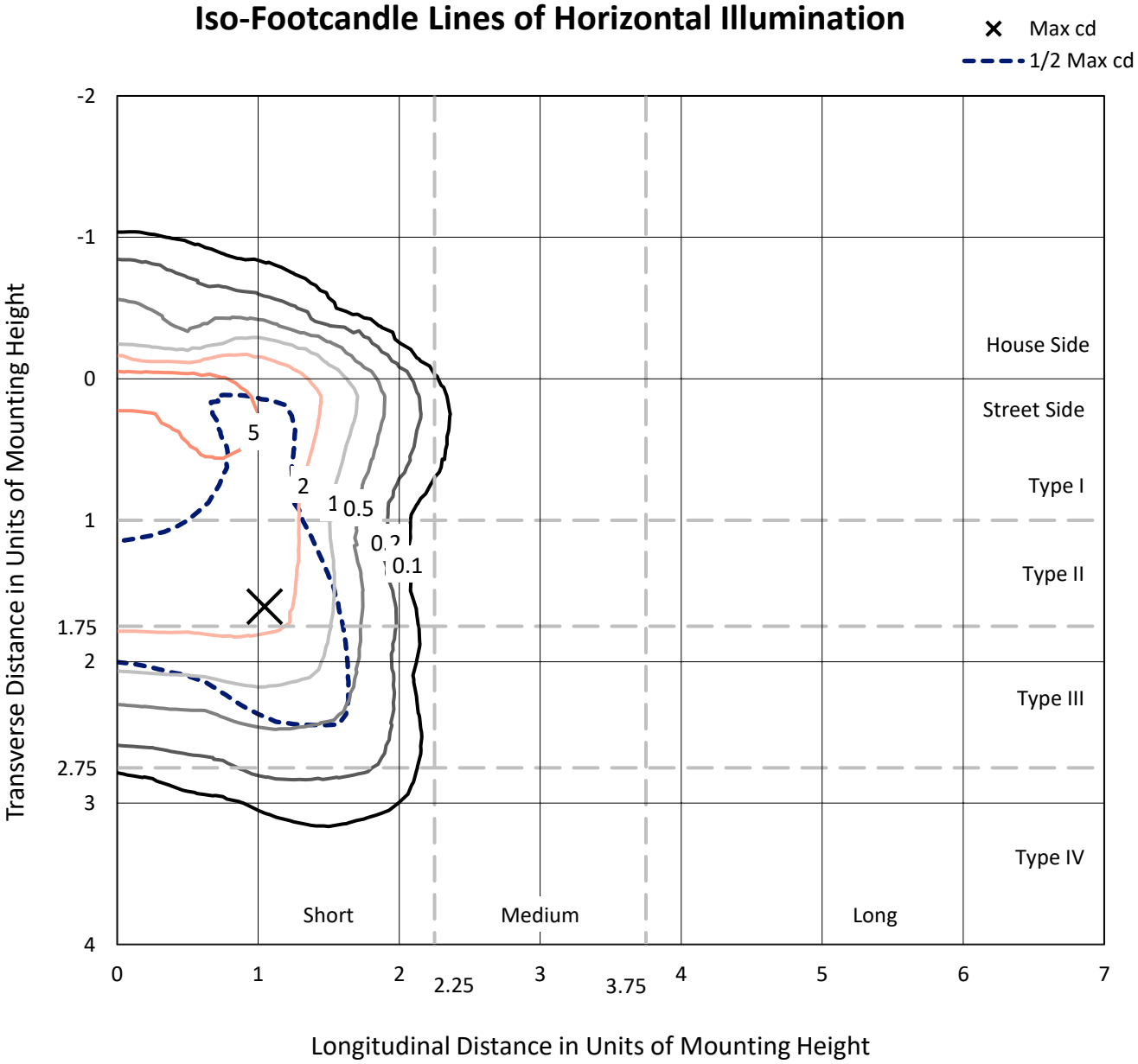
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502733
CATALOG NUMBER: GSS-SB5A-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



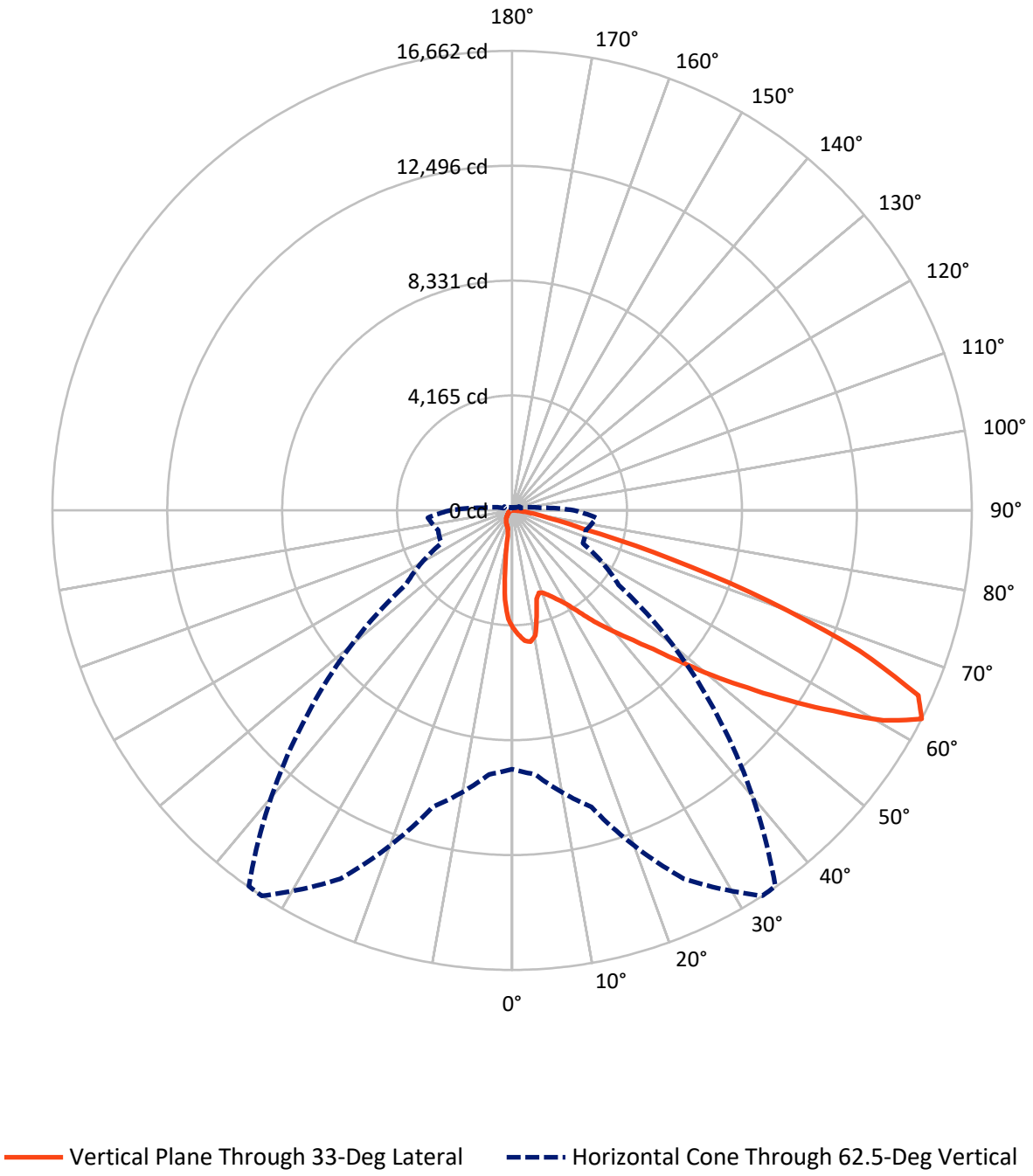
Based on 25 foot mounting height. Maximum calculated value = 8.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1502733
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Luminous Intensity Polar Plot



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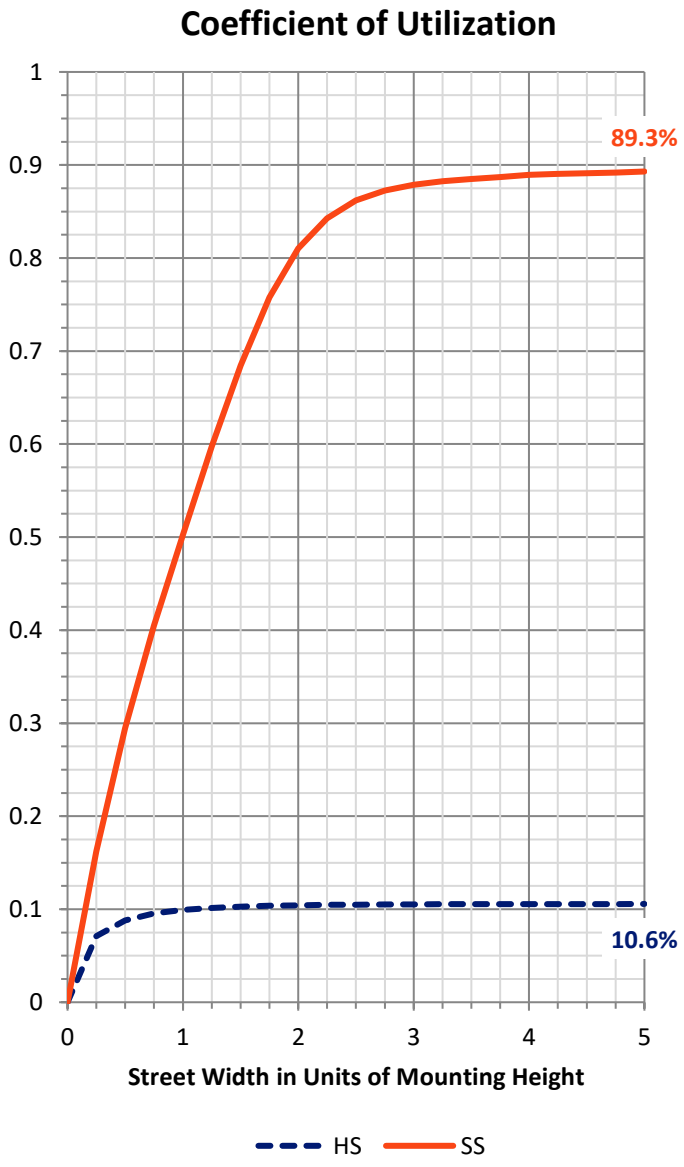
REPORT NUMBER: P1502733
CATALOG NUMBER: GSS-SB5A-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1785.0	0.0	1785.0
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	14990.4	0.0	14990.4
	% Fixture	89.4	0.0	89.4
Total	Lumens	16775.4	0.0	16775.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	362.3	2.2
10°-20°	808.4	4.8
20°-30°	1302.9	7.8
30°-40°	2167.6	12.9
40°-50°	3425.9	20.4
50°-60°	4602.6	27.4
60°-70°	3378.8	20.1
70°-80°	668.7	4.0
80°-90°	58.1	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°	16775.4	100.0
0°-180°	16775.4	100.0



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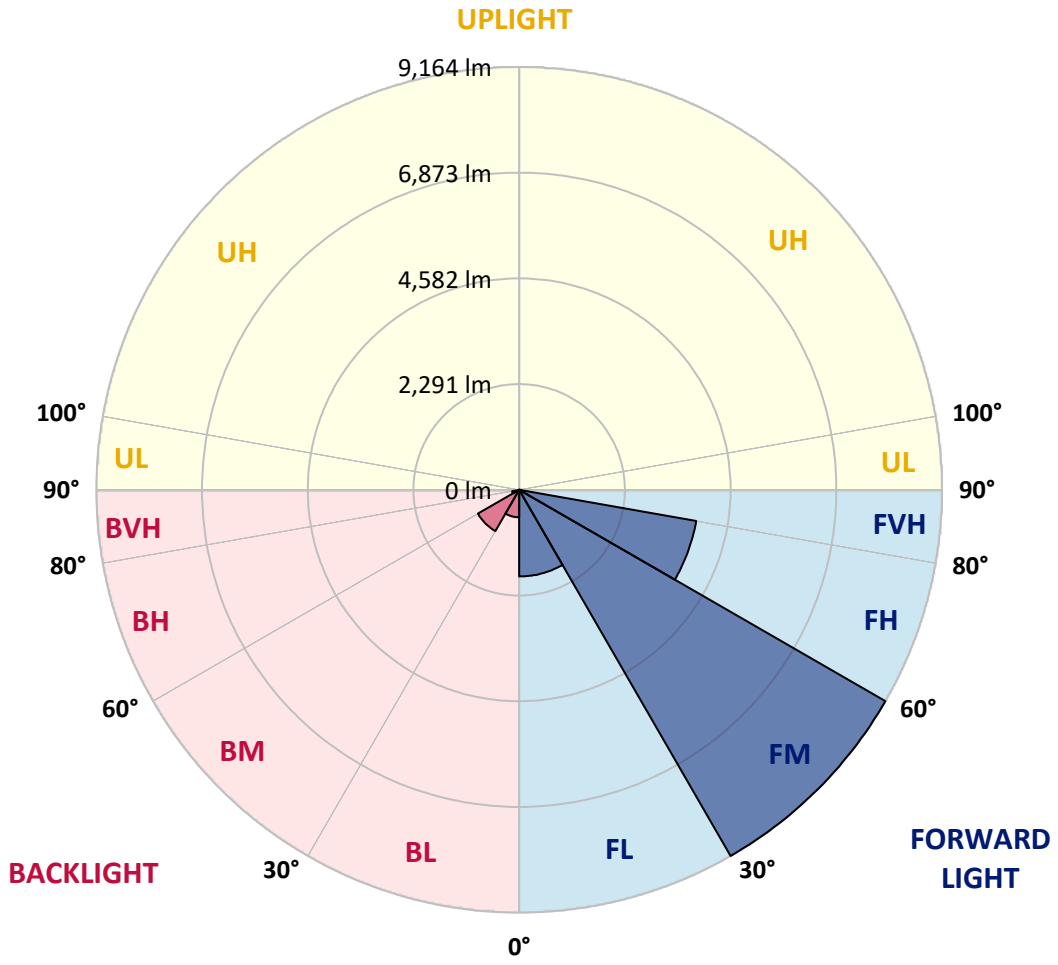
Scaled Data Report

REPORT NUMBER: P1502733
CATALOG NUMBER: GSS-SB5A-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°)	1878.1	11.2			
FM	(30°-60°)	9163.5	54.6			
FH	(60°-80°)	3895.0	23.2			G2/5000
FVH	(80°-90°)	53.7	0.3			G1/100
BL	(0°-30°)	595.6	3.6	B2/1000		
BM	(30°-60°)	1032.6	6.2	B2/2500		
BH	(60°-80°)	152.5	0.9	B1/500		G1/500
BVH	(80°-90°)	4.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1
2.5°	4539.9	4558.8	4558.8	4521.0	4511.5	4492.6	4473.7	4469.0	4407.6	4360.3	4313.1
5°	4771.3	4766.6	4761.9	4743.0	4747.7	4724.1	4709.9	4686.3	4582.4	4511.5	4384.0
7.5°	4672.1	4714.7	4733.5	4785.5	4809.1	4804.4	4842.2	4851.7	4761.9	4662.7	4469.0
10°	4024.9	4001.3	4171.4	4393.4	4615.4	4667.4	4870.5	4979.2	4946.1	4856.4	4606.0
12.5°	3188.8	3212.4	3330.5	3590.3	3954.1	4067.5	4653.2	5083.1	5177.6	5120.9	4795.0
15°	2919.5	2919.5	2980.9	3103.7	3321.0	3429.7	4152.5	5069.0	5423.3	5428.0	5031.2
17.5°	2862.8	2872.3	2924.2	3004.5	3146.3	3193.5	3699.0	4861.1	5664.2	5749.2	5295.7
20°	2872.3	2886.4	2943.1	3056.5	3193.5	3250.2	3580.9	4596.5	5867.3	6098.8	5574.4
22.5°	2905.3	2900.6	2999.8	3151.0	3325.8	3377.7	3680.1	4487.9	6037.4	6500.4	5900.4
25°	2943.1	2947.8	3075.4	3288.0	3500.6	3562.0	3902.1	4587.1	6160.2	6930.3	6231.1
27.5°	3056.5	3070.7	3226.6	3458.0	3708.4	3788.7	4190.3	4846.9	6372.8	7346.0	6590.1
30°	3231.3	3245.5	3425.0	3703.7	3973.0	4095.8	4549.3	5172.9	6689.3	7827.8	6958.6
32.5°	3434.4	3453.3	3684.8	4006.0	4332.0	4450.1	4960.3	5668.9	7109.8	8319.1	7341.3
35°	3689.5	3741.5	3991.9	4374.5	4813.9	4927.2	5465.8	6231.1	7657.8	8758.5	7667.2
37.5°	4039.1	4081.6	4388.7	4865.8	5309.9	5461.1	6032.7	6821.6	8153.8	9150.6	7931.8
40°	4464.3	4502.1	4846.9	5366.6	5829.5	5957.1	6627.9	7416.8	8687.6	9367.9	7988.5
42.5°	5172.9	5276.8	5494.1	5933.5	6429.5	6590.1	7289.3	7993.2	9075.0	9410.4	7898.7
45°	6410.6	6443.7	6490.9	6698.8	7175.9	7317.6	7988.5	8493.9	9306.5	9419.9	7818.4
47.5°	7596.4	7709.7	7775.9	7870.4	8158.5	8210.5	8720.7	8942.7	9490.7	9386.8	7818.4
50°	8782.1	8867.1	8980.5	9093.9	9401.0	9419.9	9495.4	9245.1	9500.2	9117.5	7771.1
52.5°	9859.2	9887.5	10081.2	10298.5	10681.2	10785.1	10213.5	9467.1	8928.5	8267.2	7549.1
55°	10822.9	10860.7	11153.6	11597.7	12145.7	12282.7	11092.2	9037.2	7705.0	7166.5	7034.2
57.5°	11446.5	11536.3	12122.0	13099.9	13718.8	13657.4	11772.5	8031.0	6188.6	5862.6	6122.4
60°	11134.7	11257.5	12490.5	14361.3	15462.0	15282.5	11583.5	6609.0	4572.9	4336.7	4846.9
62.5°	9382.1	9608.8	11134.7	14734.5	16661.9	16633.6	10515.8	4714.7	2834.5	2773.0	3061.2
65°	6524.0	6916.1	8725.4	13487.3	16180.0	16222.6	8853.0	2744.7	1313.3	1629.8	1790.4
67.5°	3845.4	4124.1	5621.7	11011.9	13577.1	13185.0	6018.5	1270.8	656.6	992.1	949.5
70°	1691.2	1880.2	3221.8	7629.4	9892.3	9259.2	2938.4	618.9	500.8	600.0	524.4
72.5°	930.6	1015.7	1696.0	4029.7	6018.5	5720.9	992.1	411.0	429.9	448.8	377.9
75°	519.7	557.4	892.9	2329.0	2645.5	2461.3	481.9	269.3	363.8	363.8	278.7
77.5°	302.3	335.4	557.4	1450.3	1450.3	1171.6	292.9	170.1	274.0	245.7	151.2
80°	141.7	160.6	307.1	803.1	916.5	755.9	165.3	118.1	179.5	155.9	99.2
82.5°	42.5	52.0	151.2	311.8	519.7	444.1	85.0	75.6	132.3	99.2	56.7
85°	28.3	33.1	75.6	127.6	255.1	222.0	28.3	23.6	56.7	47.2	23.6
87.5°	4.7	4.7	9.4	9.4	9.4	9.4	4.7	4.7	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: P1502733
CATALOG NUMBER: GSS-SB5A-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1	4261.1
2.5°	4284.8	4251.7	4176.1	4105.2	4067.5	3982.4	3949.3	3911.6	3892.7	3887.9	3859.6
5°	4303.7	4242.2	4053.3	3864.3	3665.9	3476.9	3283.2	3113.2	2976.2	2980.9	2985.6
7.5°	4360.3	4237.5	3906.8	3528.9	3103.7	2612.4	2088.1	1696.0	1445.6	1393.6	1346.4
10°	4435.9	4256.4	3727.3	3028.1	2192.0	1379.4	973.2	831.4	770.0	755.9	760.6
12.5°	4577.7	4303.7	3500.6	2338.4	1214.1	793.6	703.9	680.3	670.8	670.8	670.8
15°	4752.4	4369.8	3146.3	1530.6	793.6	661.4	642.5	637.8	628.3	628.3	633.0
17.5°	4898.9	4369.8	2678.6	996.8	651.9	614.1	600.0	595.2	595.2	600.0	595.2
20°	5059.5	4336.7	2154.2	751.1	604.7	571.6	562.2	562.2	562.2	566.9	566.9
22.5°	5224.9	4280.0	1667.6	642.5	562.2	533.8	529.1	533.8	538.5	543.3	543.3
25°	5409.1	4209.2	1318.0	595.2	524.4	500.8	500.8	500.8	505.5	514.9	519.7
27.5°	5612.2	4147.8	1129.1	566.9	491.3	467.7	467.7	472.4	481.9	486.6	491.3
30°	5801.2	4147.8	1067.6	581.1	477.1	448.8	439.3	444.1	453.5	463.0	463.0
32.5°	6037.4	4195.0	1100.7	642.5	472.4	420.4	411.0	411.0	420.4	425.2	425.2
35°	6235.8	4284.8	1214.1	727.5	491.3	396.8	377.9	373.2	382.7	377.9	382.7
37.5°	6396.4	4407.6	1422.0	840.9	529.1	368.5	344.9	330.7	330.7	330.7	330.7
40°	6443.7	4530.4	1686.5	916.5	524.4	335.4	302.3	288.2	283.4	278.7	278.7
42.5°	6377.5	4587.1	1899.1	911.8	467.7	311.8	269.3	250.4	236.2	231.5	231.5
45°	6325.6	4615.4	1974.7	793.6	425.2	283.4	240.9	217.3	203.1	198.4	193.7
47.5°	6330.3	4643.8	1861.3	647.2	387.4	259.8	217.3	193.7	179.5	174.8	170.1
50°	6349.2	4596.5	1577.8	538.5	354.3	236.2	193.7	174.8	160.6	155.9	151.2
52.5°	6150.8	4346.2	1110.2	472.4	326.0	222.0	174.8	160.6	146.4	141.7	141.7
55°	5631.1	3746.2	751.1	420.4	302.3	203.1	160.6	151.2	137.0	127.6	127.6
57.5°	4799.7	2825.0	519.7	382.7	264.5	184.2	151.2	137.0	122.8	113.4	113.4
60°	3670.6	1842.4	377.9	349.6	217.3	170.1	141.7	132.3	113.4	103.9	99.2
62.5°	*2234.5*	*1034.6*	*307.1*	*307.1*	*184.2*	*160.6*	*127.6*	*118.1*	*99.2*	*85.0*	*80.3*
65°	1294.4	609.4	250.4	259.8	160.6	146.4	113.4	99.2	80.3	66.1	61.4
67.5°	623.6	354.3	198.4	184.2	141.7	122.8	99.2	85.0	70.9	56.7	52.0
70°	382.7	274.0	151.2	132.3	113.4	94.5	80.3	75.6	61.4	47.2	47.2
72.5°	311.8	222.0	118.1	94.5	85.0	66.1	66.1	61.4	47.2	37.8	33.1
75°	245.7	165.3	89.8	66.1	52.0	52.0	47.2	42.5	37.8	28.3	28.3
77.5°	132.3	113.4	66.1	37.8	28.3	33.1	33.1	28.3	23.6	18.9	18.9
80°	85.0	66.1	37.8	18.9	18.9	18.9	18.9	14.2	14.2	9.4	9.4
82.5°	42.5	33.1	18.9	4.7	9.4	9.4	9.4	9.4	9.4	4.7	4.7
85°	9.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
87.5°	0.0	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7
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: SP1-2407-184-11

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

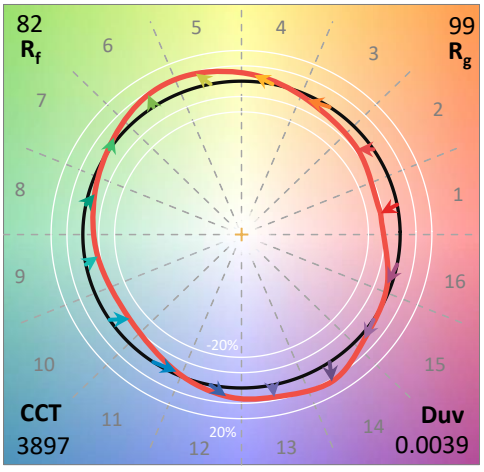
Test Information

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

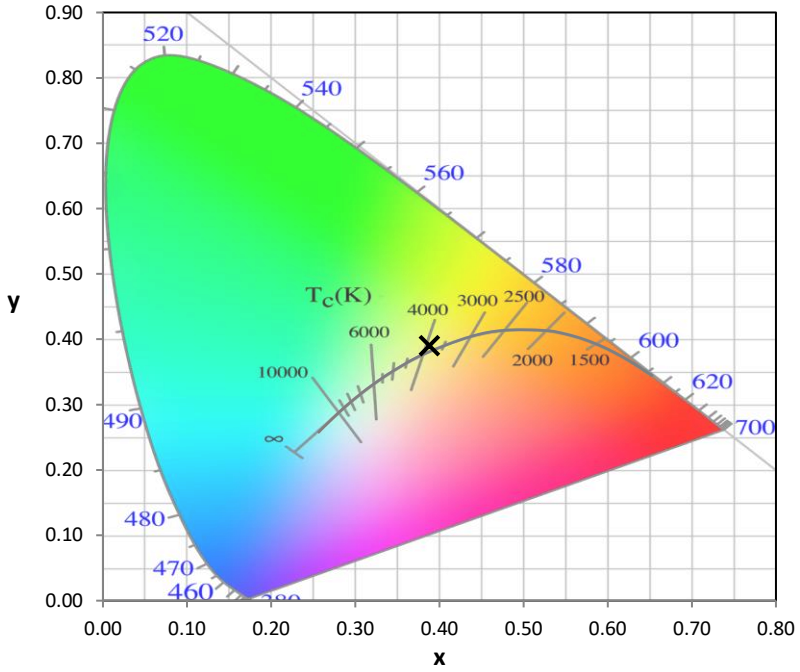
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

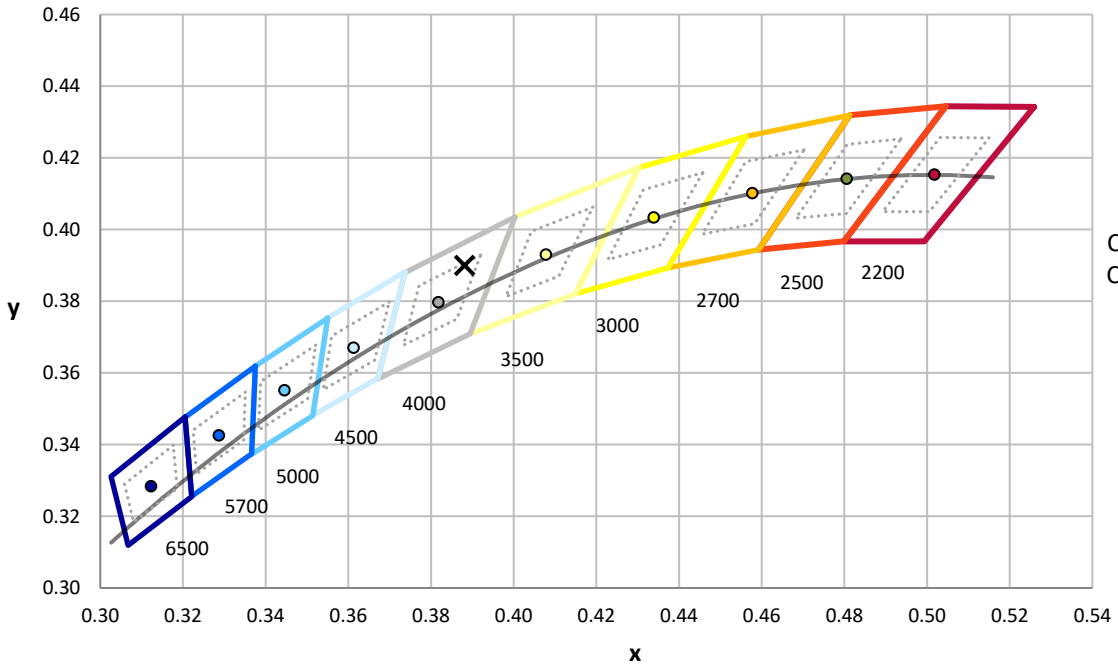
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

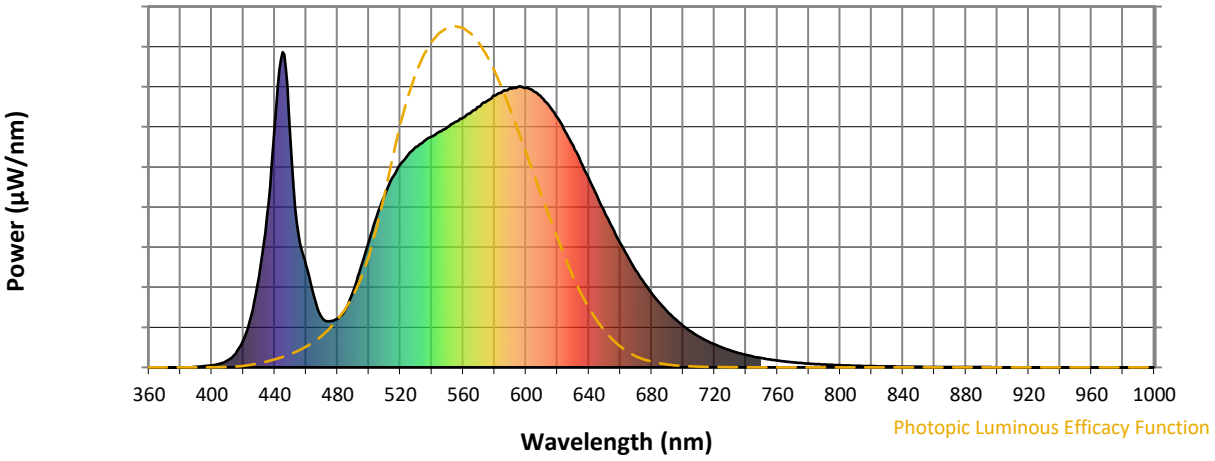


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

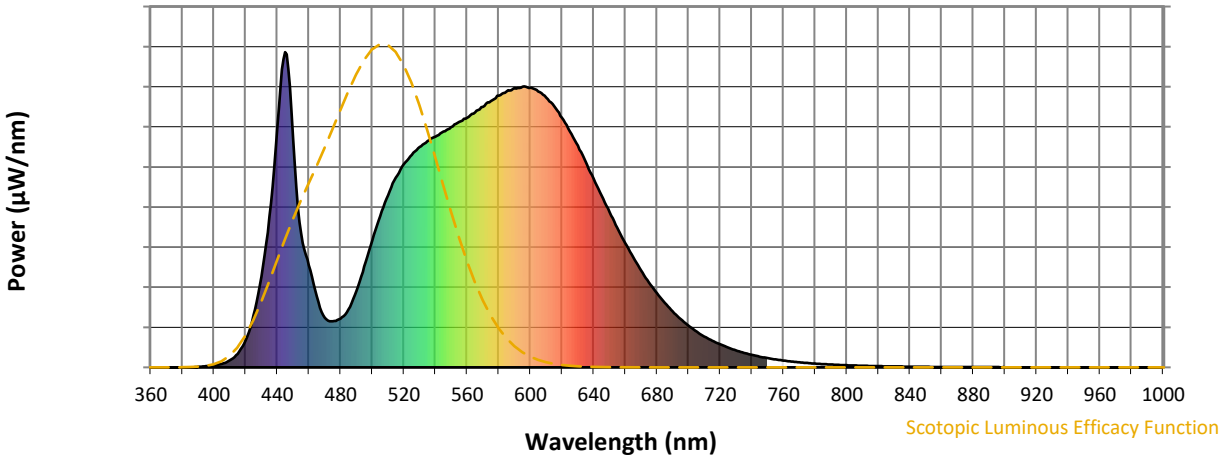


Photopic Lumens: NR

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

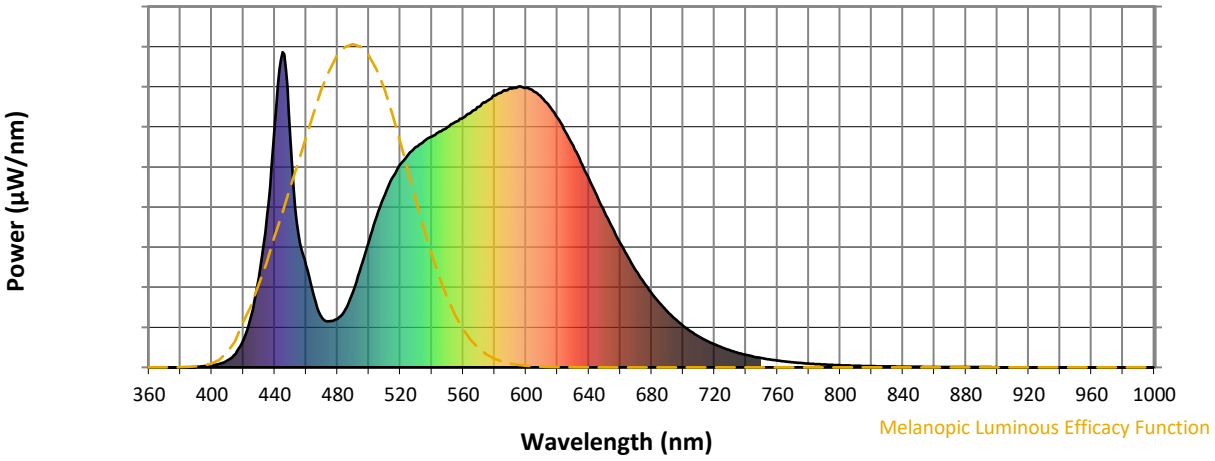


Scotopic Lumens: NR **S/P: 1.57**

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			

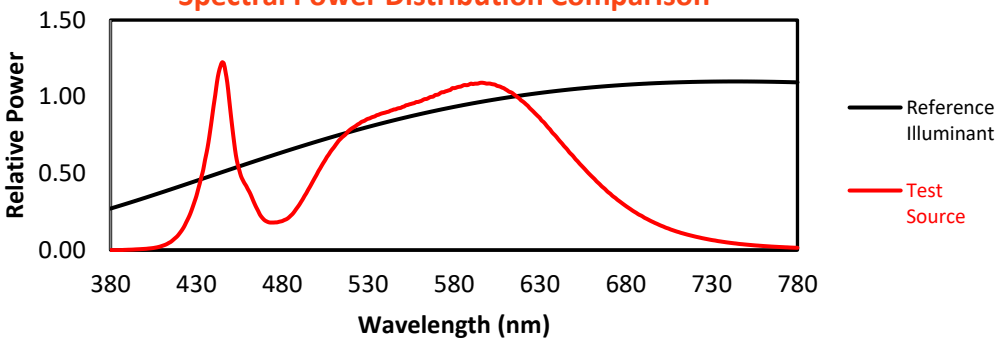
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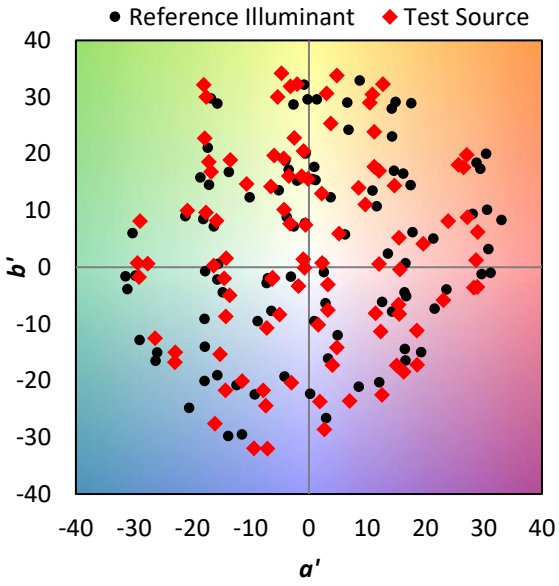
Summary

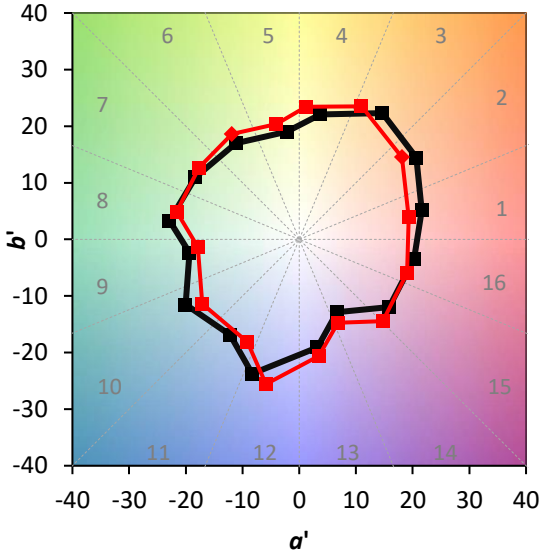
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

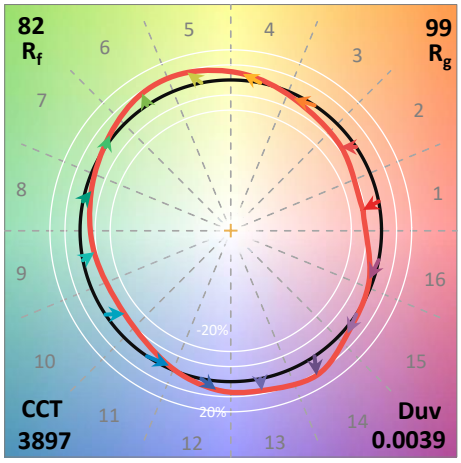
Spectral Power Distribution Comparison

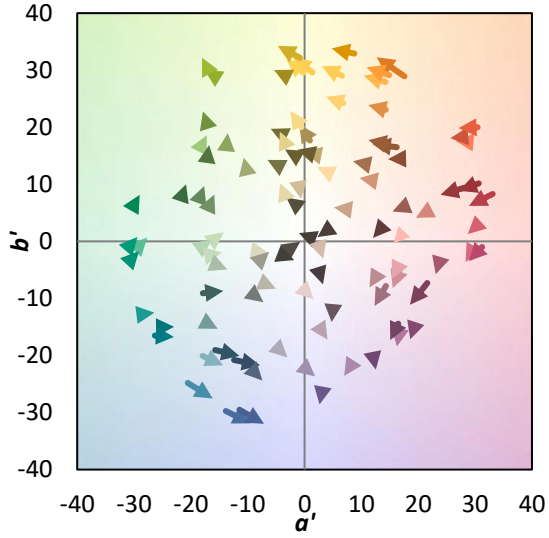


Color Vector Graphics







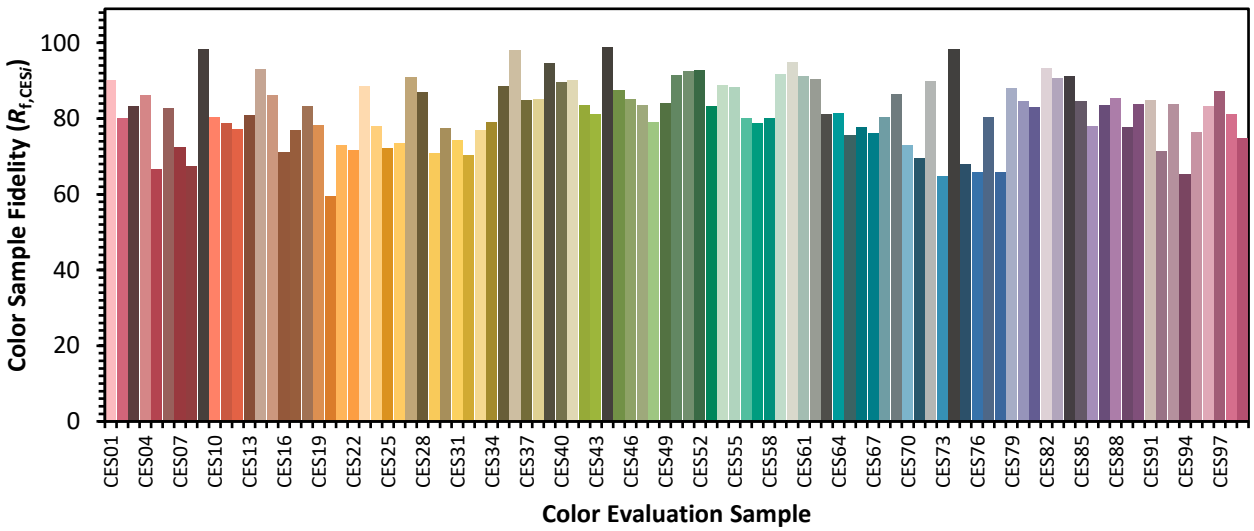


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Individual Sample Fidelity Index ($R_{f,i}$)

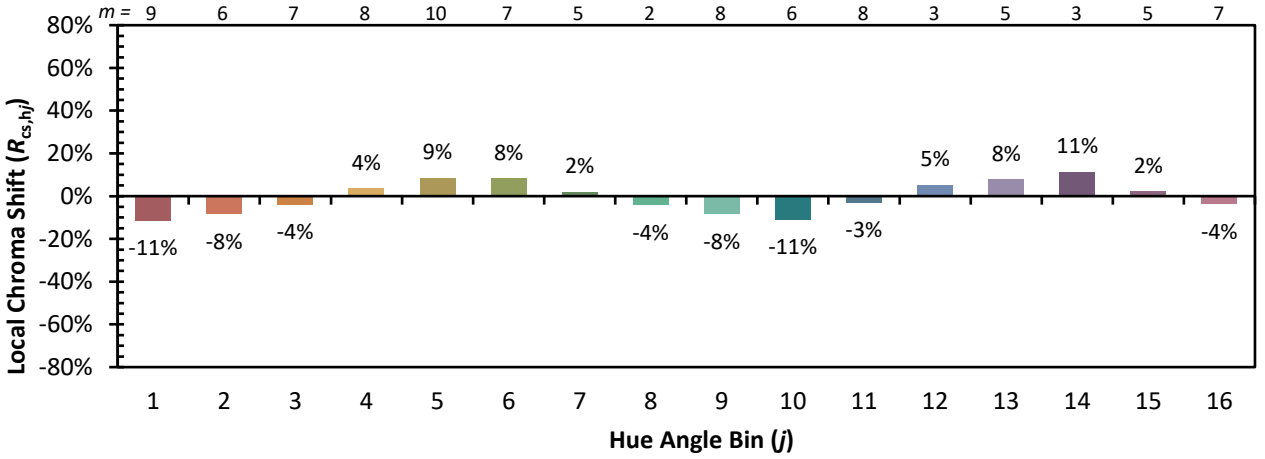
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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	

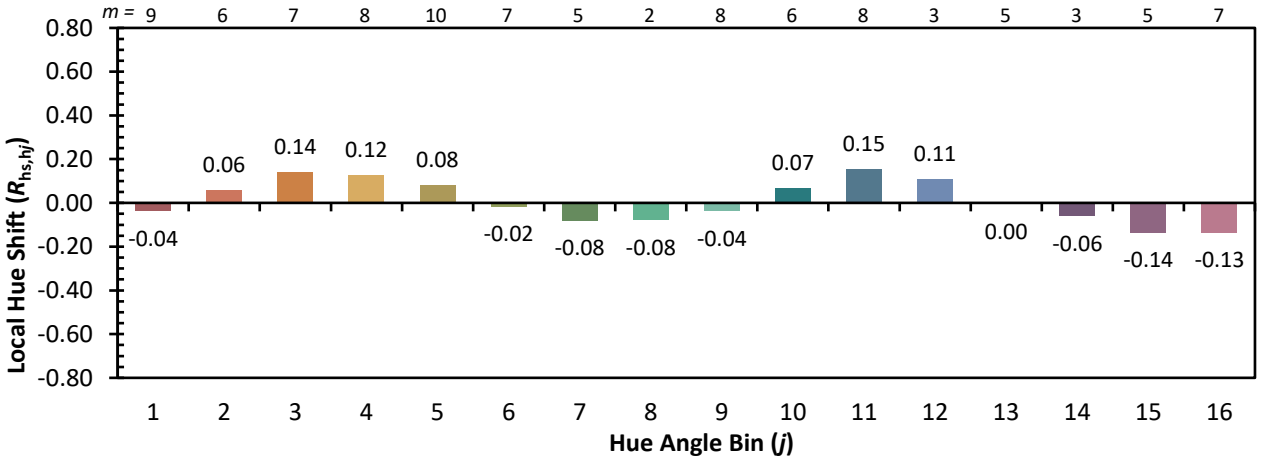


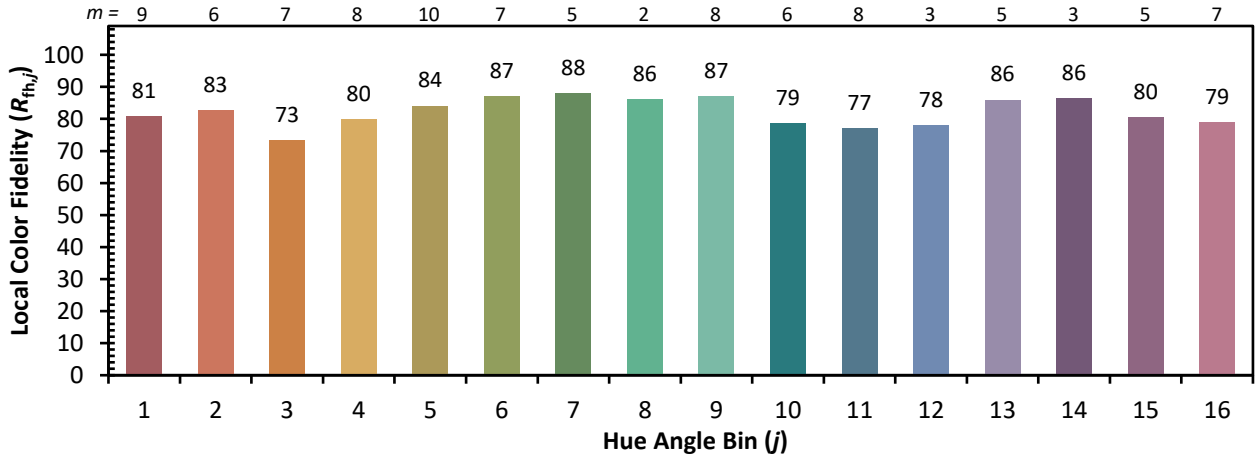
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Color Rendition by Hue-Angle Bin



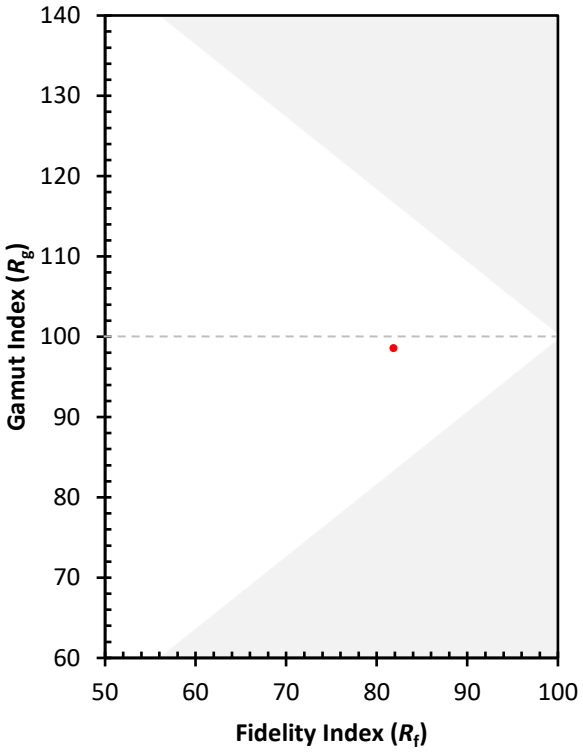


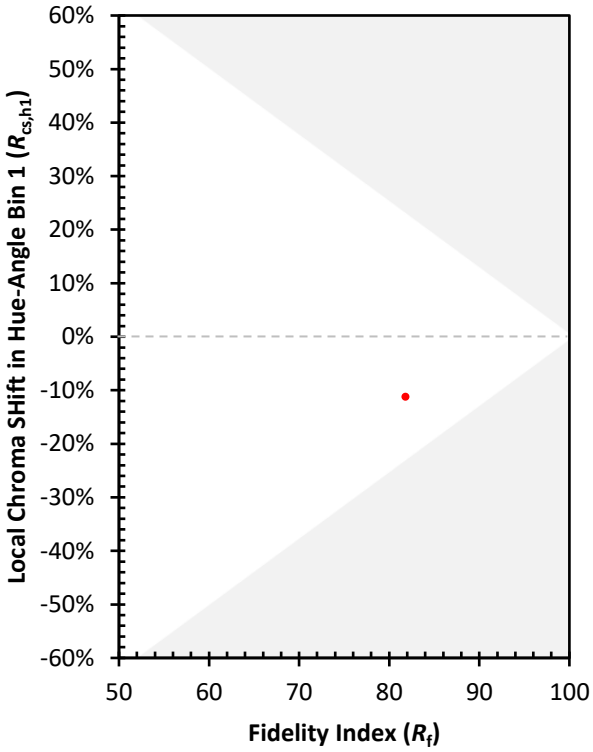


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Measure Comparisons





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