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: P1502350

Luminaire Tested: GSS-SB5B-840-U-T3LG-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:	P1502350
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-840-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 80CRI 4000K FIXTURE w/ TYPE III 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:	21942.7 lumens
Efficiency:	N/A
Efficacy:	119.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

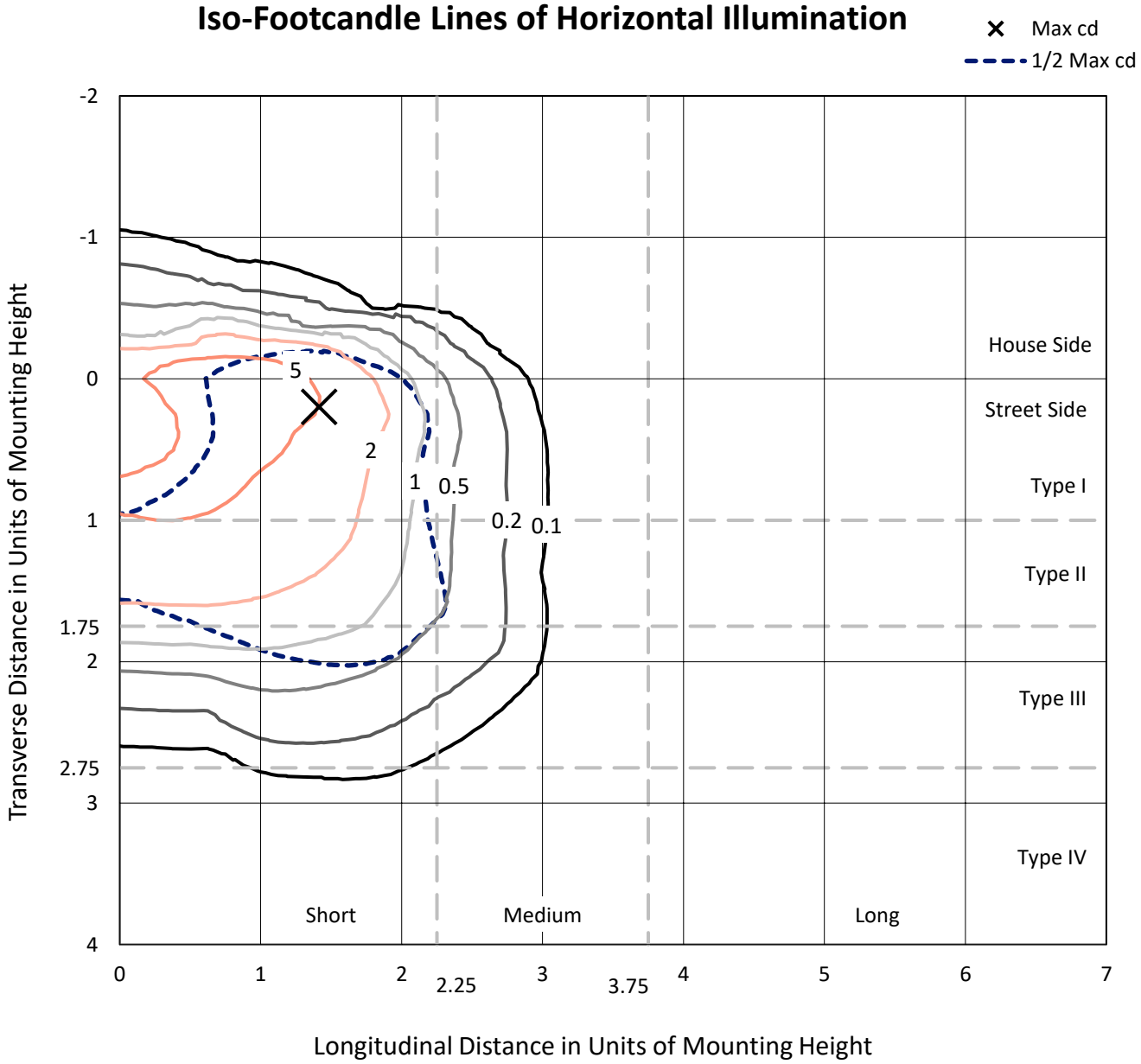
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502350
CATALOG NUMBER: GSS-SB5B-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



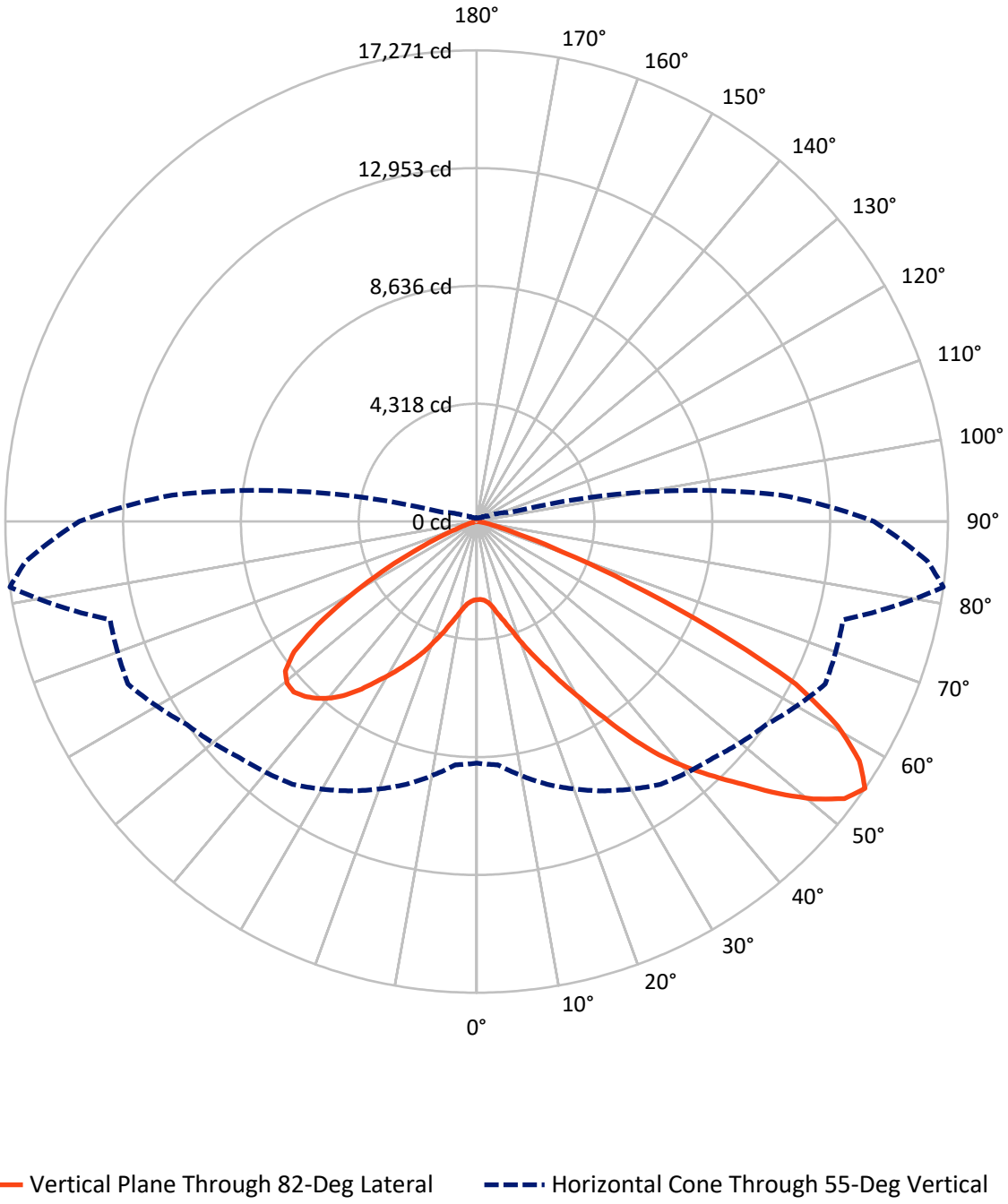
Based on 25 foot mounting height. Maximum calculated value = 8.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502350
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Luminous Intensity Polar Plot



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Scaled Data Report

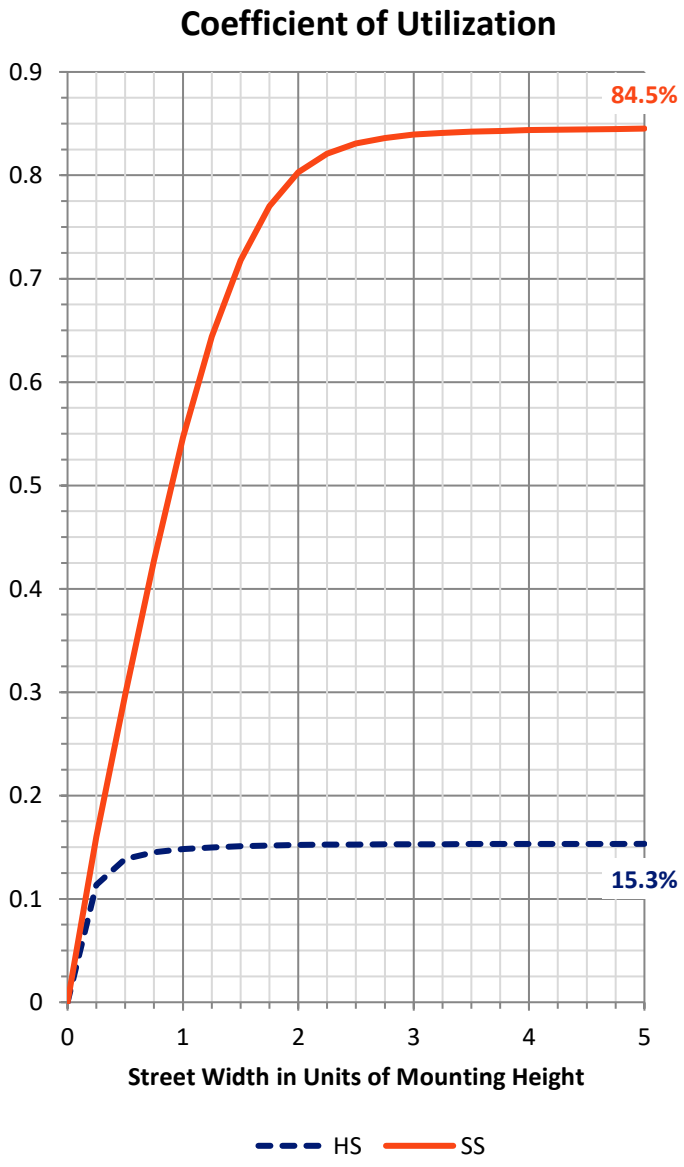
REPORT NUMBER: P1502350
CATALOG NUMBER: GSS-SB5B-840-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3391.6	0.0	3391.6
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	18551.1	0.0	18551.1
	% Fixture	84.5	0.0	84.5
Total	Lumens	21942.7	0.0	21942.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.7	1.2
10°-20°	702.9	3.2
20°-30°	1405.3	6.4
30°-40°	2910.0	13.3
40°-50°	4861.2	22.2
50°-60°	6165.5	28.1
60°-70°	4609.2	21.0
70°-80°	976.3	4.4
80°-90°	52.6	0.2
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°	21942.7	100.0
0°-180°	21942.7	100.0



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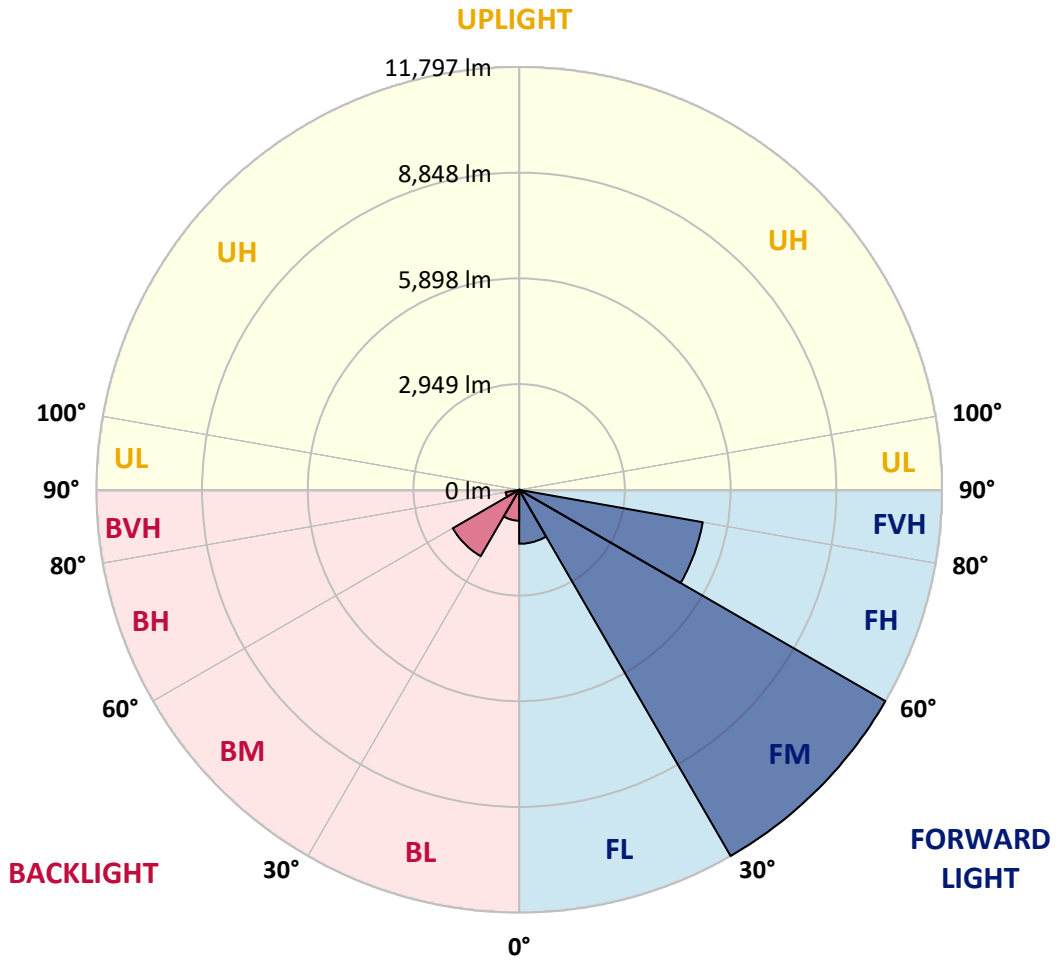
Scaled Data Report

REPORT NUMBER: P1502350
CATALOG NUMBER: GSS-SB5B-840-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1507.0	6.9			
FM	(30°-60°)	11796.7	53.8			
FH	(60°-80°)	5200.4	23.7			G3/7500
FVH	(80°-90°)	47.0	0.2			G1/100
BL	(0°-30°)	861.0	3.9	B2/1000		
BM	(30°-60°)	2140.0	9.8	B2/2500		
BH	(60°-80°)	385.1	1.8	B1/500		G1/500
BVH	(80°-90°)	5.6	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-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6	*2864.6*	2864.6
2.5°	2787.2	2793.1	2781.2	2787.2	2799.1	2793.1	2817.0	2834.8	2852.7	*2858.6*	2864.6
5°	2543.0	2549.0	2554.9	2602.6	2632.3	2703.8	2769.3	2811.0	2870.6	*2900.3*	2906.3
7.5°	2251.2	2251.2	2275.0	2334.6	2412.0	2549.0	2697.9	2817.0	2930.1	*2989.7*	3001.6
10°	2197.6	2203.5	2203.5	2245.2	2310.7	2447.7	2638.3	2876.5	3079.0	*3168.3*	3198.1
12.5°	2209.5	2215.5	2221.4	2263.1	2328.6	2447.7	2691.9	3001.6	3317.2	*3466.1*	3484.0
15°	2239.3	2251.2	2269.1	2322.7	2394.1	2549.0	2805.1	3180.2	3603.1	*3793.7*	3841.3
17.5°	2328.6	2334.6	2364.3	2423.9	2537.1	2691.9	2971.8	3412.5	4002.1	*4210.6*	4299.9
20°	2465.6	2477.5	2519.2	2602.6	2733.6	2930.1	3239.8	3716.2	4430.9	*4752.5*	4824.0
22.5°	2638.3	2638.3	2697.9	2828.9	3013.5	3233.8	3609.0	4121.2	4955.0	*5330.2*	5449.3
25°	2924.2	2918.2	2965.8	3114.7	3335.1	3656.7	4037.8	4603.6	5502.9	*5949.6*	6074.6
27.5°	3579.3	3561.4	3543.5	3549.5	3740.1	4151.0	4591.7	5211.1	6181.8	*6705.9*	6801.2
30°	4341.6	4365.4	4341.6	4282.0	4311.8	4693.0	5240.9	5955.5	6944.1	*7533.7*	7658.8
32.5°	5008.6	5020.5	5121.7	5187.3	5211.1	5389.7	5991.3	6854.8	7914.9	*8558.1*	8718.9
35°	5735.2	5753.0	5866.2	6003.2	6217.6	6378.4	6932.2	7897.0	8903.5	*9713.5*	9832.6
37.5°	6580.9	6610.6	6759.5	6956.0	7253.8	7623.1	7920.8	8843.9	9910.0	*10845.0*	10970.1
40°	7325.3	7420.6	7676.7	7926.8	8242.4	8659.3	8855.9	9671.8	10654.4	*11845.5*	12054.0
42.5°	8028.0	8081.6	8492.6	8879.7	9254.9	9594.3	9784.9	10320.9	11315.5	*12774.6*	13006.9
45°	8611.7	8653.4	9111.9	9624.1	10088.7	10428.1	10457.9	10952.2	11970.6	*13757.3*	13935.9
47.5°	8969.0	9034.5	9624.1	10207.8	10719.9	11035.6	10987.9	11756.2	12685.3	*14900.7*	14924.5
50°	9183.4	9225.1	9826.6	10583.0	11214.2	11434.6	11535.8	12524.5	13334.4	*15984.6*	15841.7
52.5°	9338.3	9403.8	9993.4	10797.4	11506.1	11803.8	12167.1	13388.0	13846.6	*16872.0*	16490.8
55°	*8855.9*	*8951.1*	*9969.5*	*10892.6*	*11756.2*	*12256.5*	*12971.1*	*14096.7*	*13906.1*	*17271.0*	*16574.2*
57.5°	8313.9	8331.8	9338.3	10862.9	12036.1	12732.9	13709.6	14150.3	13352.3	*16544.4*	15728.5
60°	7515.9	7623.1	8653.4	10475.8	12083.8	13114.1	14209.9	13501.2	12339.8	*15198.5*	13971.7
62.5°	5276.6	5443.3	6789.3	9457.4	11744.3	13322.5	14126.5	12369.6	11071.3	*13120.0*	11744.3
65°	2953.9	3096.9	4198.6	7629.0	10809.3	13274.9	13268.9	10856.9	9034.5	*9481.2*	8397.3
67.5°	1619.9	1733.1	2179.7	5741.1	8575.9	12256.5	11464.4	8284.1	6056.8	*6021.0*	5240.9
70°	1131.5	1137.5	1375.7	3877.0	6164.0	8552.1	8963.1	5556.5	3757.9	*3323.2*	2805.1
72.5°	553.9	559.8	684.9	1828.3	3769.8	4740.6	6146.1	2888.4	2108.3	*1649.7*	1405.5
75°	279.9	274.0	375.2	684.9	1560.3	2310.7	2709.8	1447.2	1226.8	*905.2*	804.0
77.5°	178.7	184.6	220.4	375.2	702.8	899.3	833.8	786.1	720.6	*530.0*	458.6
80°	119.1	119.1	148.9	238.2	345.4	428.8	256.1	363.3	422.8	*309.7*	268.0
82.5°	35.7	35.7	89.3	131.0	166.8	172.7	113.2	166.8	238.2	*172.7*	131.0
85°	23.8	23.8	47.6	65.5	71.5	59.6	35.7	71.5	113.2	*77.4*	65.5
87.5°	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	*6.0*	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: P1502350
CATALOG NUMBER: GSS-SB5B-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6	2864.6
2.5°	2870.6	2876.5	2894.4	2900.3	2912.2	2918.2	2918.2	2918.2	2912.2	2918.2	2930.1
5°	2918.2	2948.0	2971.8	2965.8	2965.8	2936.1	2912.2	2864.6	2840.8	2834.8	2840.8
7.5°	3037.3	3061.1	3085.0	3049.2	2959.9	2822.9	2674.0	2554.9	2453.7	2406.0	2423.9
10°	3251.7	3281.5	3281.5	3114.7	2864.6	2543.0	2275.0	2054.7	1887.9	1798.6	1840.3
12.5°	3561.4	3585.2	3525.7	3174.3	2697.9	2167.8	1721.1	1351.9	1137.5	1030.3	1006.5
15°	3918.7	3954.5	3752.0	3162.4	2435.8	1619.9	1072.0	804.0	726.6	702.8	708.7
17.5°	4377.3	4395.2	4002.1	3067.1	1983.2	1060.1	762.3	684.9	667.0	655.1	655.1
20°	4943.1	4889.5	4204.6	2906.3	1447.2	833.8	702.8	643.2	625.3	619.4	625.3
22.5°	5550.5	5467.2	4371.4	2602.6	1095.8	786.1	673.0	607.5	583.6	577.7	577.7
25°	6187.8	5997.2	4502.4	2155.9	1024.3	774.2	637.2	553.9	530.0	518.1	518.1
27.5°	6914.4	6586.8	4573.8	1804.5	1042.2	756.4	595.6	506.2	470.5	458.6	458.6
30°	7718.4	7241.9	4579.8	1733.1	1077.9	732.5	553.9	452.6	416.9	399.0	405.0
32.5°	8695.1	7908.9	4561.9	1846.2	1101.8	714.7	506.2	399.0	369.2	351.4	351.4
35°	9707.5	8718.9	4490.5	2060.6	1113.7	661.1	446.7	351.4	315.6	309.7	315.6
37.5°	10714.0	9487.1	4389.2	2179.7	1054.1	542.0	363.3	303.7	279.9	279.9	279.9
40°	11631.1	10154.2	4252.2	2078.5	839.7	393.1	297.8	262.0	250.1	244.2	250.1
42.5°	12316.0	10749.7	4002.1	1750.9	595.6	315.6	262.0	232.3	220.4	220.4	226.3
45°	13066.4	11321.4	3519.7	1286.4	452.6	274.0	226.3	202.5	196.5	196.5	202.5
47.5°	13822.8	11780.0	3055.2	857.6	393.1	244.2	202.5	184.6	178.7	172.7	178.7
50°	14400.4	12000.4	2447.7	625.3	357.3	220.4	184.6	172.7	160.8	154.8	154.8
52.5°	14811.4	11940.8	1792.6	536.0	327.6	202.5	172.7	160.8	142.9	142.9	142.9
55°	*14561.2*	*11178.5*	*1292.3*	*482.4*	*303.7*	*190.6*	*166.8*	*148.9*	*137.0*	*131.0*	*131.0*
57.5°	13346.3	9528.8	935.0	434.8	268.0	178.7	160.8	142.9	125.1	119.1	119.1
60°	11601.4	7420.6	696.8	381.2	232.3	172.7	142.9	137.0	119.1	107.2	107.2
62.5°	9481.2	5401.7	542.0	327.6	208.4	148.9	137.0	125.1	107.2	95.3	89.3
65°	6580.9	3448.2	416.9	268.0	196.5	131.0	125.1	107.2	89.3	71.5	71.5
67.5°	4061.7	2048.7	321.6	208.4	154.8	113.2	107.2	95.3	77.4	59.6	59.6
70°	2245.2	1083.9	220.4	154.8	119.1	89.3	83.4	83.4	65.5	53.6	47.6
72.5°	1077.9	589.6	148.9	131.0	89.3	59.6	65.5	65.5	53.6	41.7	41.7
75°	649.2	351.4	101.2	101.2	59.6	47.6	47.6	53.6	41.7	29.8	29.8
77.5°	369.2	208.4	59.6	77.4	41.7	29.8	35.7	29.8	23.8	17.9	17.9
80°	208.4	119.1	35.7	53.6	23.8	17.9	17.9	11.9	11.9	6.0	6.0
82.5°	101.2	65.5	17.9	17.9	11.9	6.0	6.0	6.0	6.0	0.0	0.0
85°	47.6	11.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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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

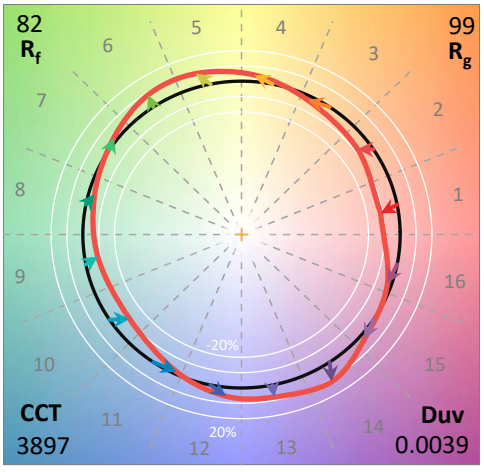
Test Information

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

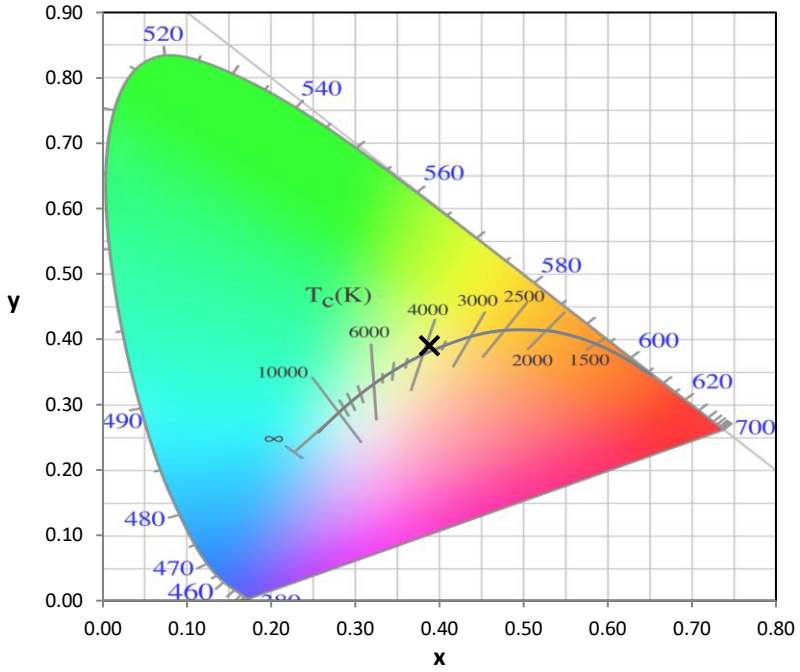
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

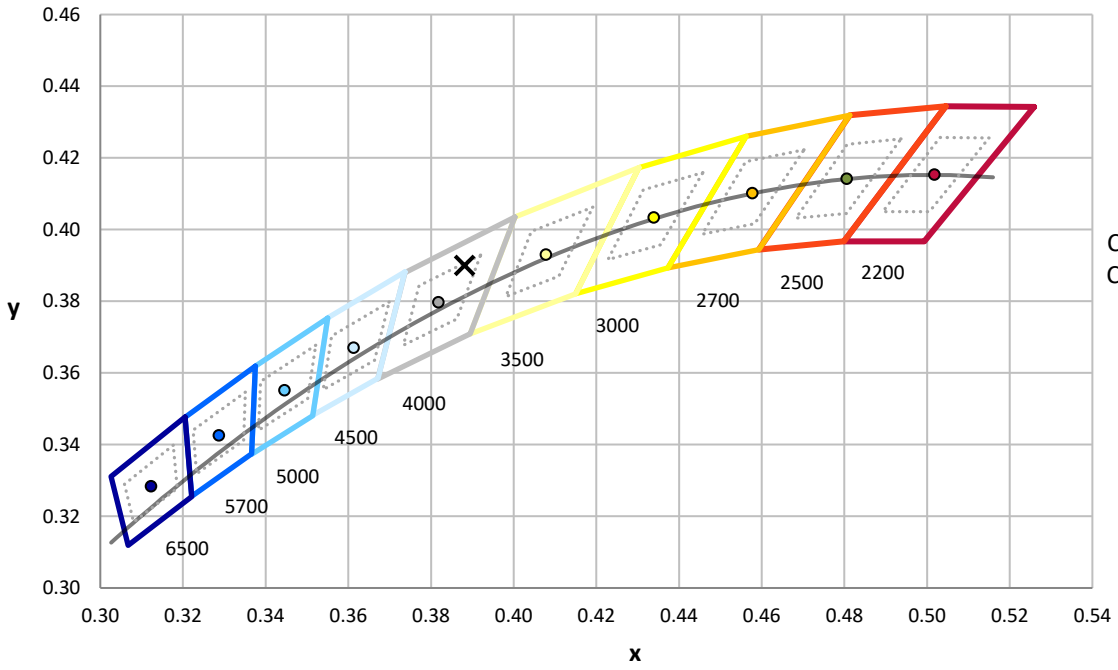
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

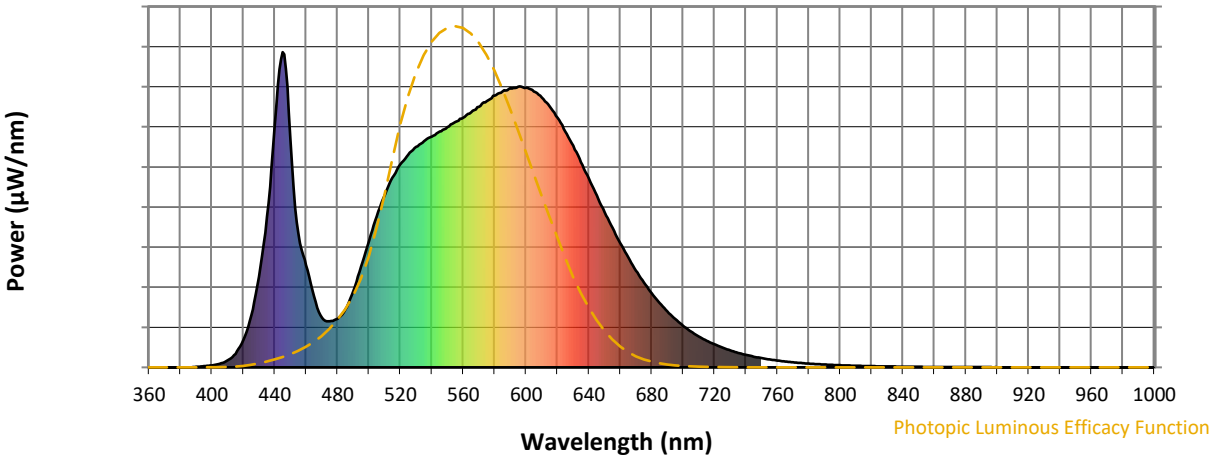


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

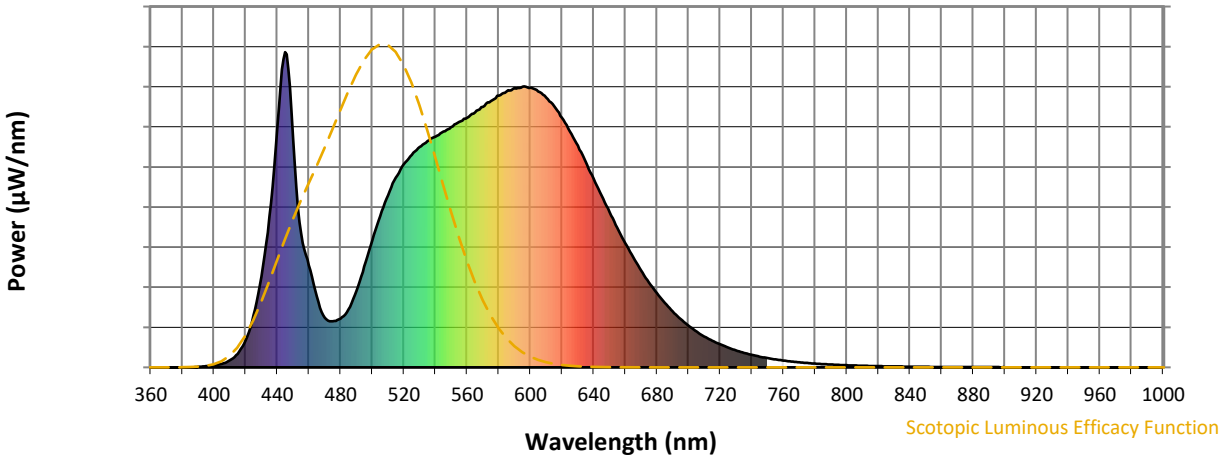


Photopic Lumens: NR

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

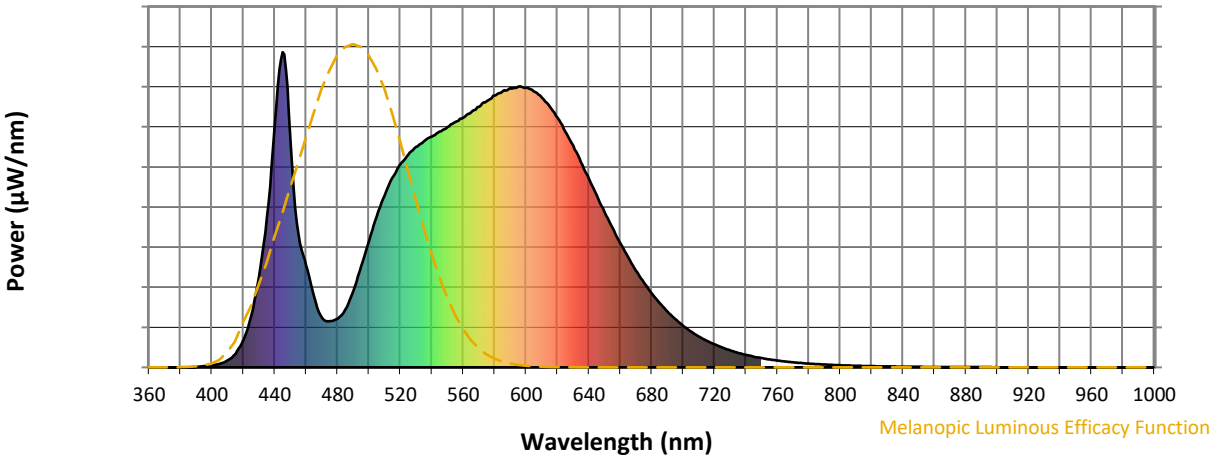


Scotopic Lumens: NR **S/P: 1.57**

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			

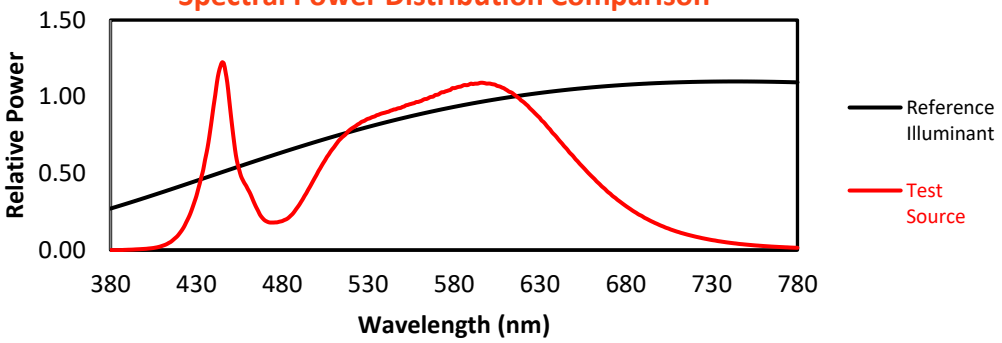
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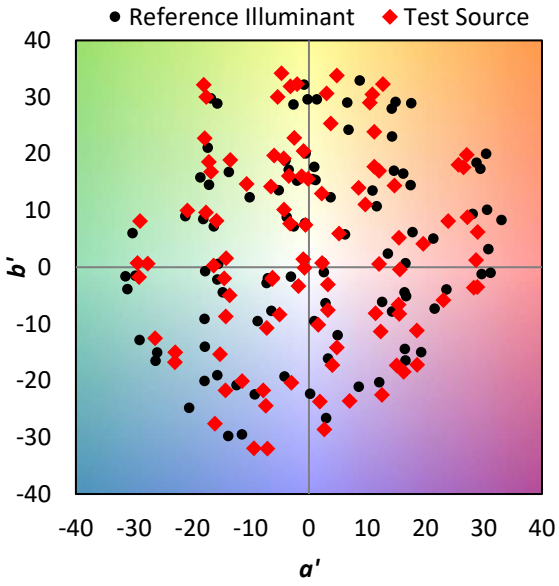
Summary

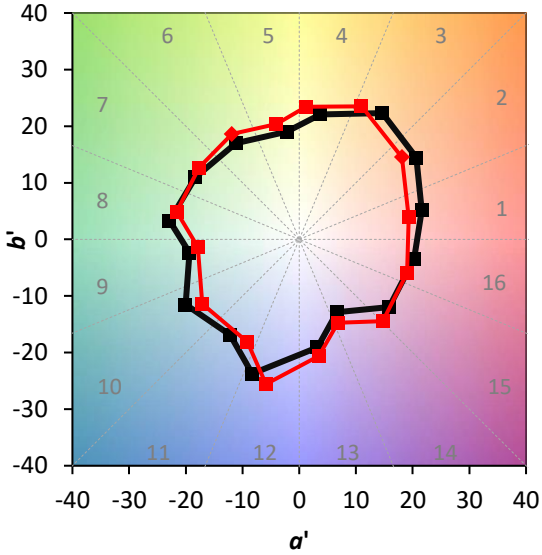
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

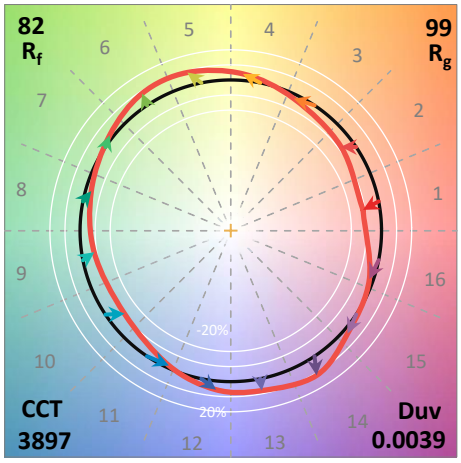
Spectral Power Distribution Comparison

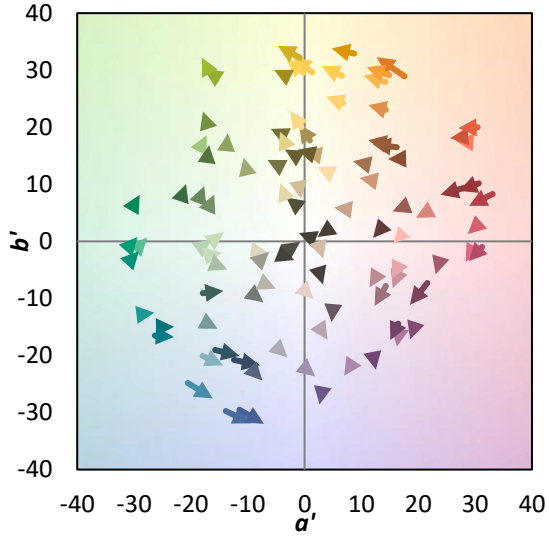


Color Vector Graphics







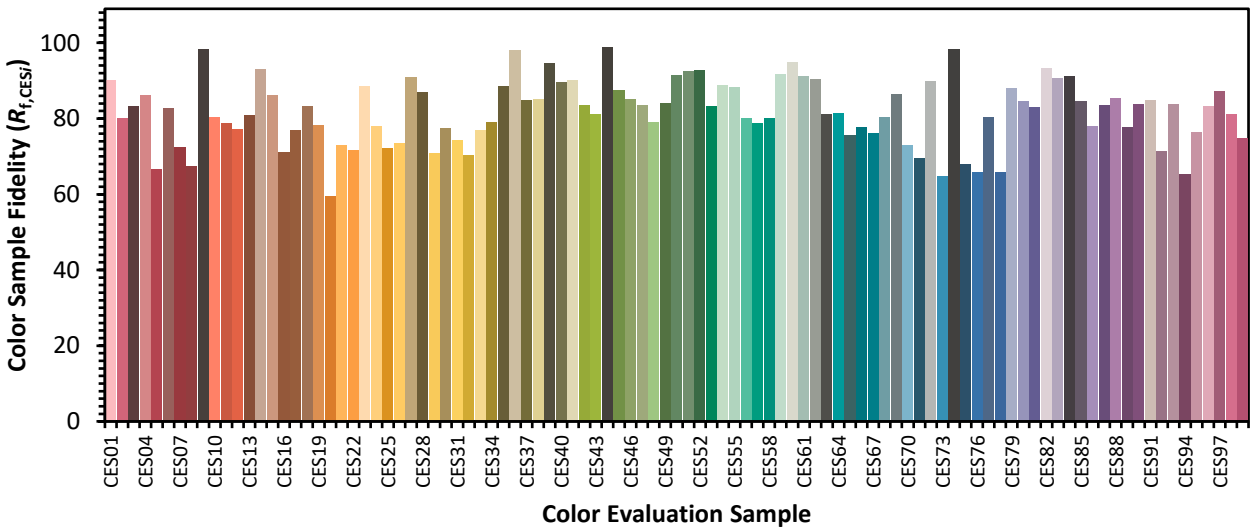


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Individual Sample Fidelity Index ($R_{f,i}$)

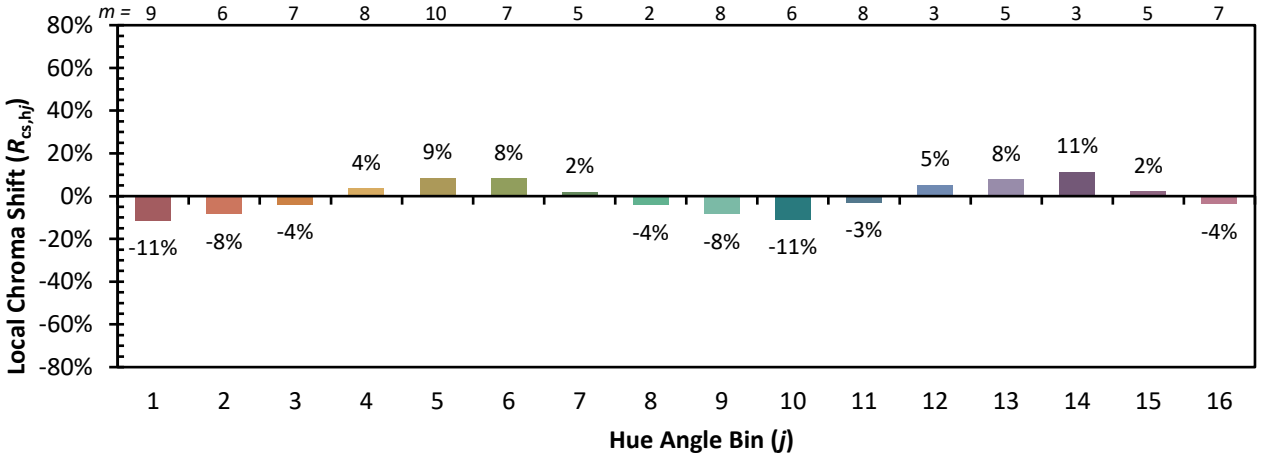
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

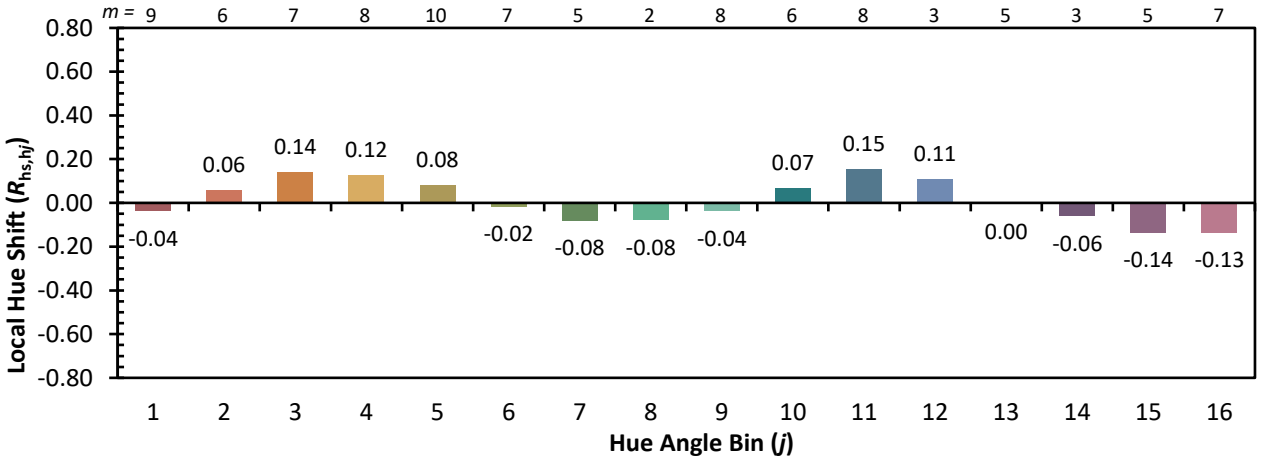


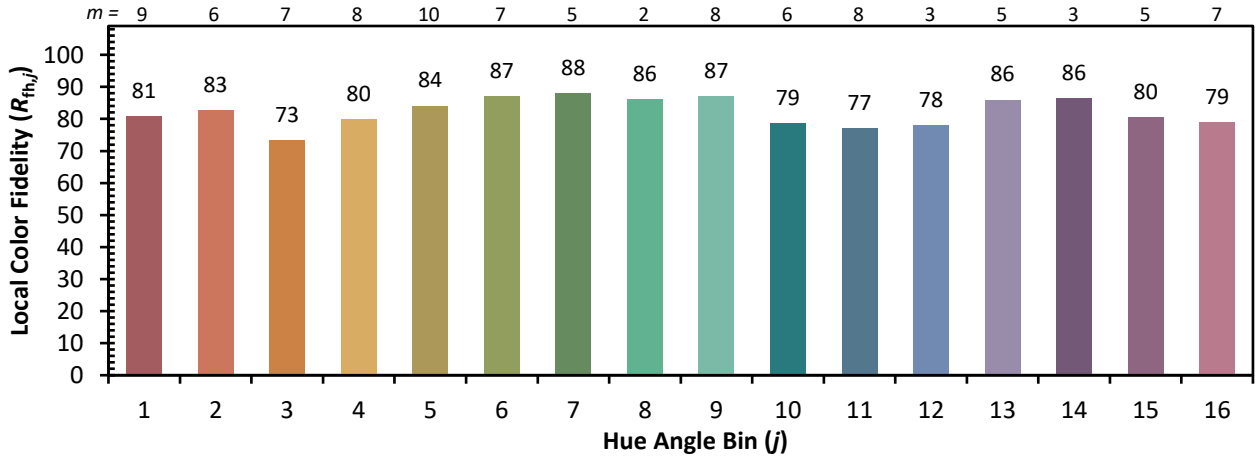
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Color Rendition by Hue-Angle Bin



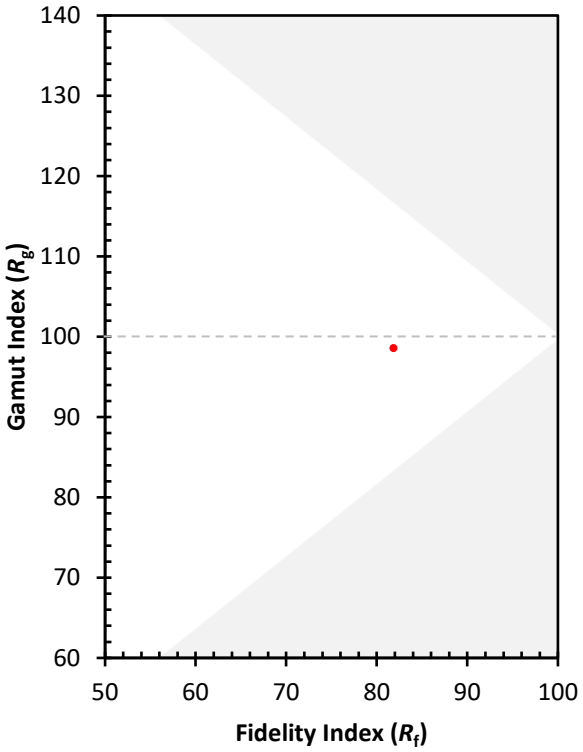


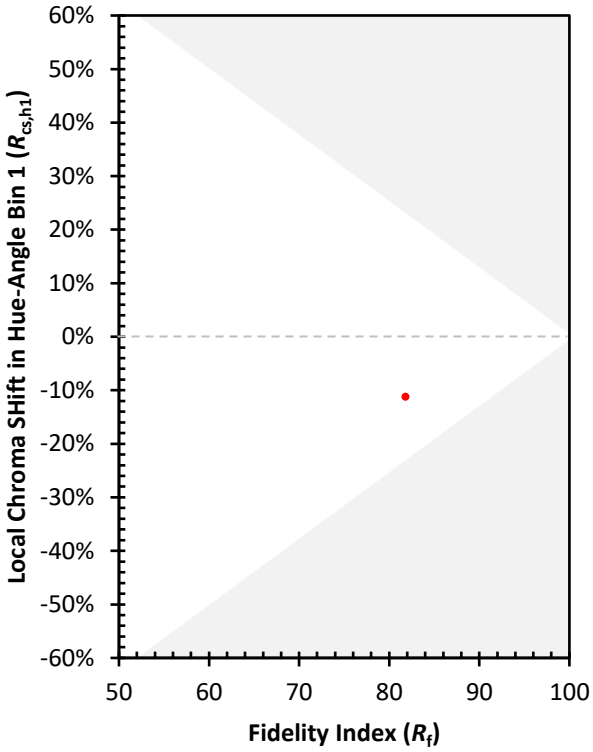


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Measure Comparisons





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