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: P1500807

Luminaire Tested: GSS-SB3C-840-U-T4LG

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:	P1500807
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3C-840-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19956.5 lumens
Efficiency:	N/A
Efficacy:	133.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

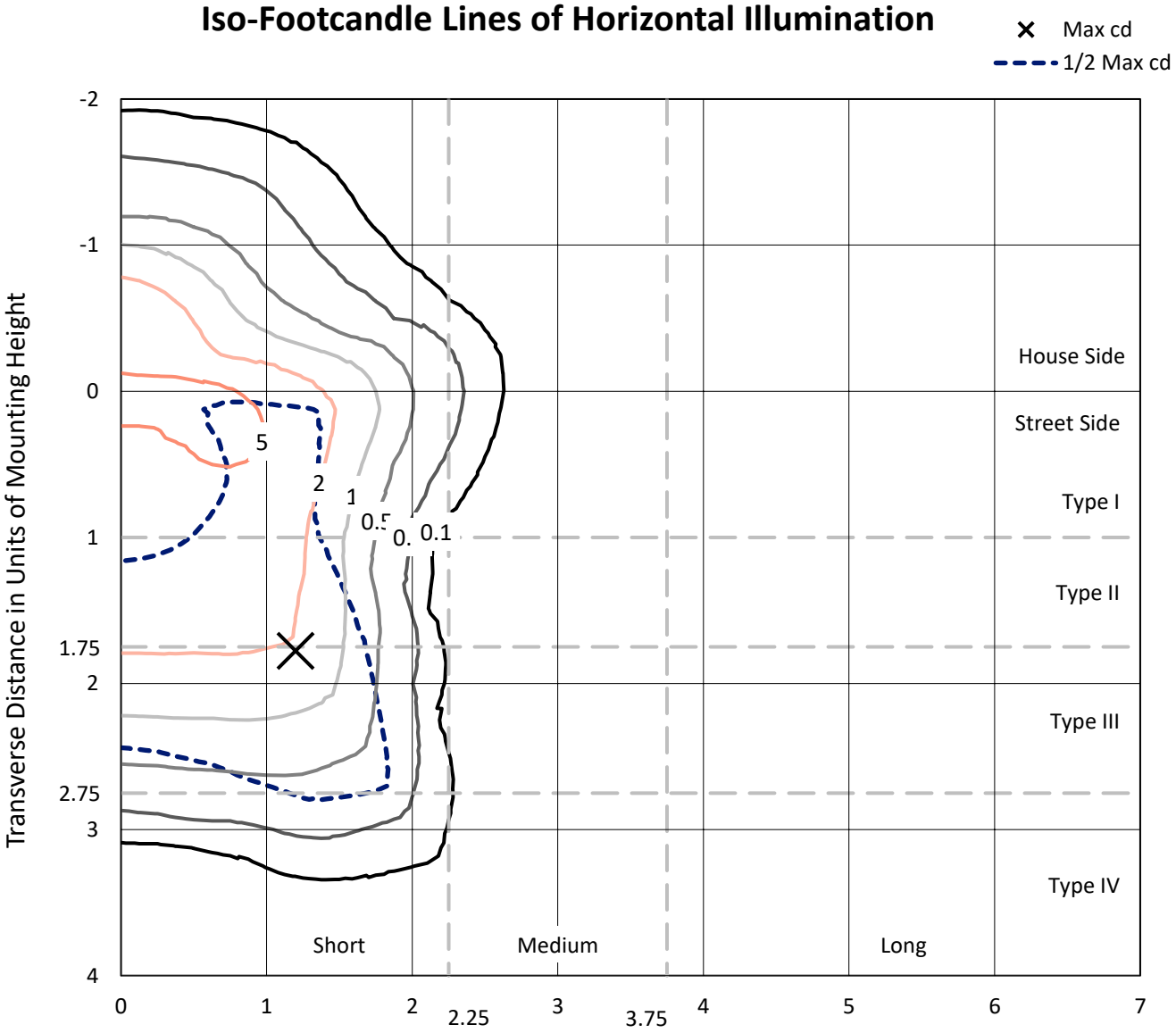
Input Watts (W):	150
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500807
CATALOG NUMBER: GSS-SB3C-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



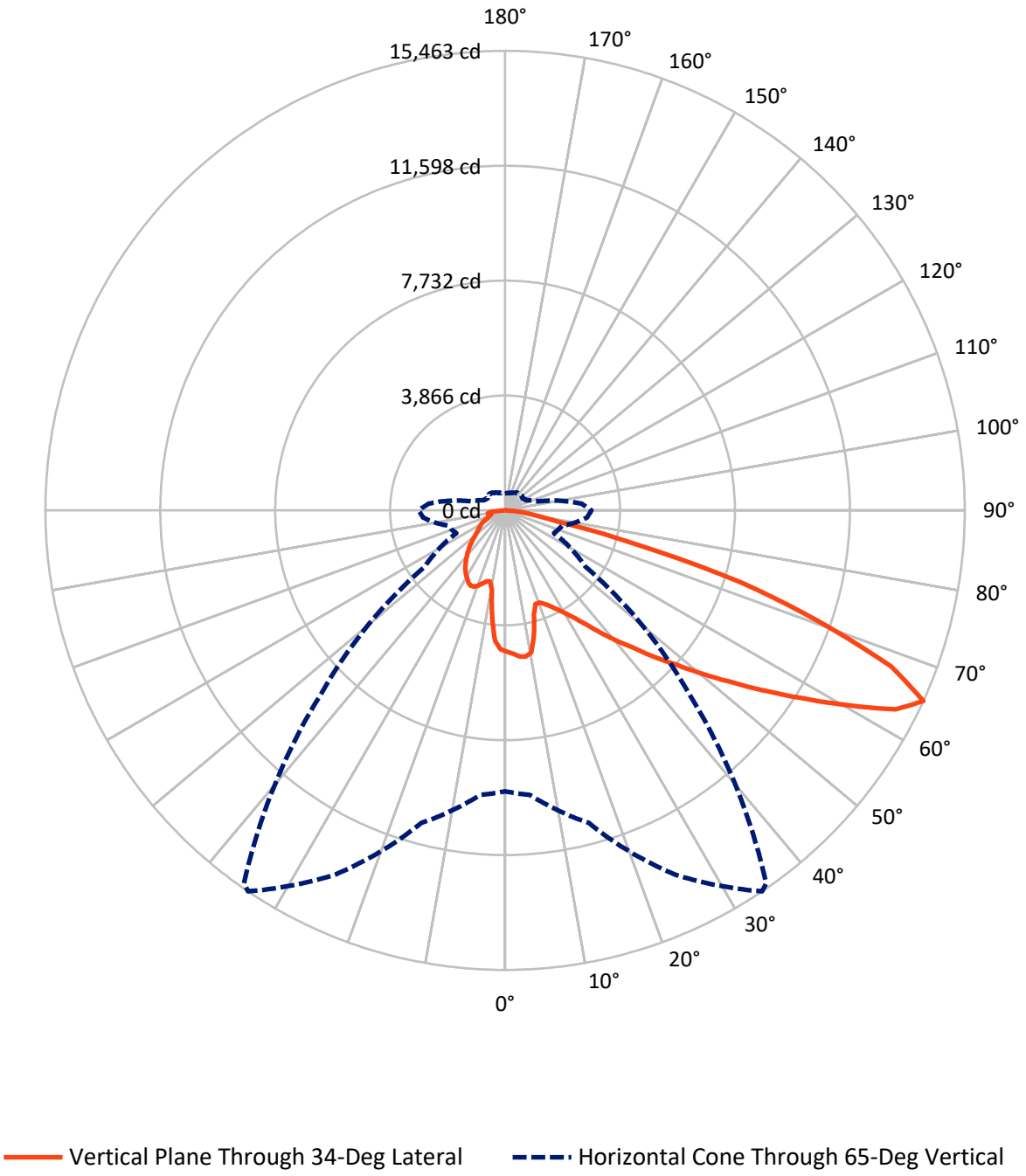
Based on 25 foot mounting height. Maximum calculated value = 8.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1500807
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Luminous Intensity Polar Plot



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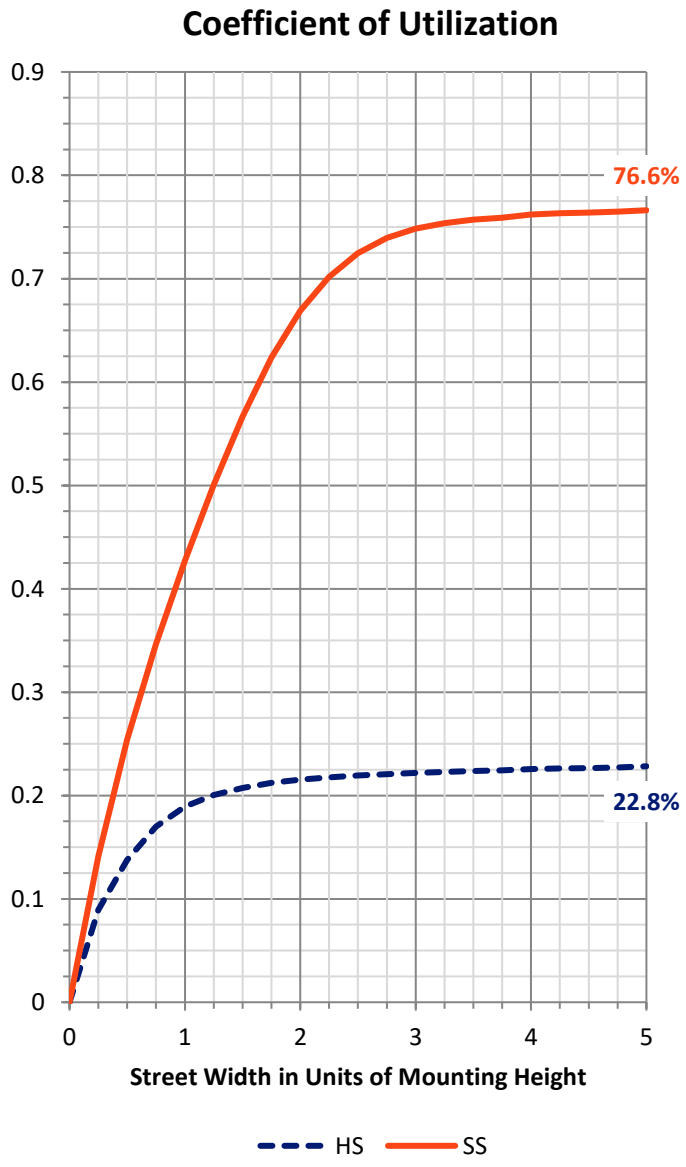
REPORT NUMBER: P1500807
CATALOG NUMBER: GSS-SB3C-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4643.0	0.0	4643.0
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	15313.5	0.0	15313.5
	% Fixture	76.7	0.0	76.7
Total	Lumens	19956.5	0.0	19956.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	427.7	2.1
10°-20°	1076.6	5.4
20°-30°	1784.5	8.9
30°-40°	2683.9	13.4
40°-50°	3760.0	18.8
50°-60°	4740.7	23.8
60°-70°	4077.4	20.4
70°-80°	1212.2	6.1
80°-90°	193.4	1.0
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°	19956.5	100.0
0°-180°	19956.5	100.0



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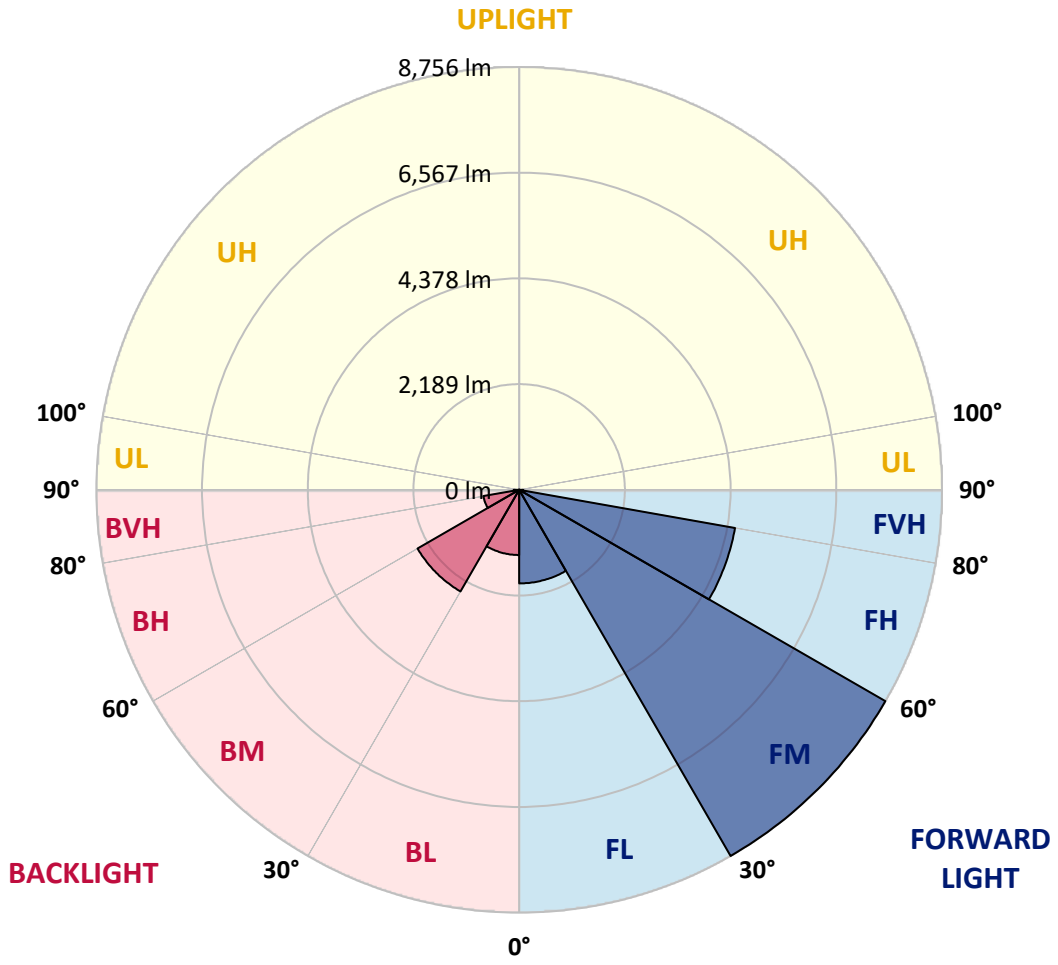
Scaled Data Report

REPORT NUMBER: P1500807
CATALOG NUMBER: GSS-SB3C-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1937.9	9.7			
FM	(30°-60°)	8755.5	43.9			
FH	(60°-80°)	4538.2	22.7			G2/5000
FVH	(80°-90°)	81.8	0.4			G1/100
BL	(0°-30°)	1350.9	6.8	B3/2500		
BM	(30°-60°)	2429.1	12.2	B2/2500		
BH	(60°-80°)	751.4	3.8	B2/1000		G2/1000
BVH	(80°-90°)	111.6	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7
2.5°	4835.1	4862.2	4830.6	4817.0	4821.6	4826.1	4803.5	4808.0	4780.9	4780.9	4758.3
5°	4939.1	4943.6	4925.5	4939.1	4934.5	4930.0	4930.0	4925.5	4866.8	4853.2	4830.6
7.5°	4880.3	4898.4	4907.4	4957.1	4970.7	4997.8	5015.9	5024.9	4979.7	4943.6	4884.8
10°	4342.6	4356.1	4460.1	4686.0	4857.7	4889.3	5056.5	5151.4	5119.8	5101.7	5002.3
12.5°	3470.4	3493.0	3610.5	3904.2	4306.4	4392.3	4925.5	5246.3	5318.6	5323.2	5178.6
15°	3095.4	3095.4	3131.5	3298.7	3624.1	3691.9	4478.1	5273.4	5531.0	5562.7	5386.4
17.5°	3018.6	3014.0	3036.6	3136.1	3307.8	3348.4	3963.0	5133.4	5784.1	5838.3	5612.4
20°	3014.0	3000.5	3045.7	3158.6	3307.8	3343.9	3723.5	4889.3	5982.9	6154.6	5838.3
22.5°	3018.6	3018.6	3081.8	3244.5	3416.2	3447.9	3768.7	4686.0	6145.6	6484.5	6077.8
25°	3068.3	3059.2	3149.6	3348.4	3583.4	3606.0	3954.0	4677.0	6285.7	6855.0	6367.0
27.5°	3149.6	3154.1	3276.1	3515.6	3782.2	3827.4	4211.5	4871.3	6457.4	7261.7	6647.2
30°	3321.3	3325.8	3470.4	3714.5	4021.7	4080.5	4509.8	5160.5	6701.4	7700.0	6949.9
32.5°	3515.6	3538.2	3714.5	3999.1	4329.0	4360.6	4875.8	5594.3	7067.4	8138.4	7275.3
35°	3841.0	3863.6	4062.4	4360.6	4726.7	4771.9	5323.2	6095.9	7514.8	8581.2	7528.3
37.5°	4261.2	4279.3	4473.6	4835.1	5223.7	5268.9	5820.2	6629.1	7966.7	8933.7	7754.3
40°	4762.8	4803.5	5011.4	5363.8	5757.0	5784.1	6362.5	7144.2	8454.7	9177.7	7844.6
42.5°	5309.6	5350.3	5562.7	5951.3	6312.8	6394.1	6949.9	7691.0	8852.3	9286.1	7772.3
45°	6010.0	6001.0	6199.8	6606.5	7031.3	7062.9	7578.0	8142.9	9091.8	9195.8	7700.0
47.5°	6859.5	6868.6	6995.1	7325.0	7763.3	7835.6	8233.3	8531.5	9231.9	9123.5	7618.7
50°	7817.5	7840.1	7948.6	8188.1	8658.0	8707.7	8825.2	8802.6	9317.8	8969.8	7650.3
52.5°	8775.5	8789.1	8933.7	9186.7	9643.1	9679.3	9421.7	9010.5	8996.9	8350.8	7582.6
55°	9561.8	9557.3	9814.8	10203.5	10759.3	10736.7	10009.2	8852.3	7993.8	7388.3	7279.8
57.5°	10244.1	10271.2	10605.6	11278.9	11979.4	11961.3	10637.3	8016.4	6529.7	6249.5	6787.2
60°	10858.7	10922.0	11550.1	12557.8	13330.5	13222.0	10750.2	6755.6	5079.1	4893.9	5811.2
62.5°	10592.1	10709.6	11717.3	13682.9	14744.9	14505.4	10054.3	5232.8	3438.8	3271.6	4107.6
65°	9453.3	9611.5	10890.3	13520.3	15463.4	15314.2	8789.1	3289.7	1812.0	1988.3	2765.5
67.5°	7939.5	8129.3	9512.1	12146.6	13990.2	13669.4	6827.9	1730.7	845.0	1310.5	1717.1
70°	4351.6	4821.6	6877.6	10330.0	11206.6	10759.3	3949.4	817.9	614.6	817.9	1025.8
72.5°	1635.8	1748.8	2982.4	6945.4	8301.0	7749.8	1500.2	528.7	515.1	605.5	741.1
75°	786.3	840.5	1296.9	3158.6	4532.4	4225.1	736.6	393.1	442.8	474.5	537.7
77.5°	470.0	506.1	808.9	1834.6	1784.9	1640.3	451.9	302.8	357.0	338.9	316.3
80°	280.2	311.8	492.6	1043.8	1075.5	953.5	275.6	212.4	248.5	216.9	194.3
82.5°	162.7	176.2	257.6	470.0	682.3	628.1	158.2	126.5	180.8	144.6	108.5
85°	81.3	85.9	117.5	203.3	338.9	257.6	67.8	58.7	85.9	63.3	36.2
87.5°	18.1	18.1	18.1	22.6	31.6	31.6	9.0	4.5	4.5	4.5	4.5
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: P1500807
CATALOG NUMBER: GSS-SB3C-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7	4744.7
2.5°	4753.8	4762.8	4731.2	4695.0	4686.0	4658.9	4667.9	4649.9	4622.7	4627.3	4631.8
5°	4799.0	4780.9	4717.6	4636.3	4564.0	4482.7	4387.8	4279.3	4202.5	4170.9	4198.0
7.5°	4839.6	4821.6	4713.1	4532.4	4288.3	3949.4	3597.0	3276.1	3054.7	2973.4	2991.5
10°	4952.6	4880.3	4681.5	4288.3	3705.4	3063.8	2706.8	2507.9	2440.2	2404.0	2408.5
12.5°	5101.7	5002.3	4622.7	3863.6	2982.4	2575.7	2449.2	2404.0	2381.4	2372.4	2381.4
15°	5282.5	5128.8	4482.7	3330.4	2648.0	2489.9	2462.8	2467.3	2467.3	2471.8	2471.8
17.5°	5440.6	5201.1	4229.6	2946.3	2580.2	2535.1	2562.2	2584.8	2584.8	2589.3	2584.8
20°	5585.2	5237.3	3904.2	2783.6	2593.8	2616.4	2679.7	2702.2	2706.8	2702.2	2702.2
22.5°	5738.9	5259.9	3578.9	2693.2	2625.4	2693.2	2761.0	2792.6	2801.7	2806.2	2810.7
25°	5888.0	5214.7	3312.3	2620.9	2611.9	2706.8	2783.6	2824.3	2833.3	2833.3	2837.8
27.5°	6037.1	5201.1	3131.5	2526.0	2548.6	2625.4	2715.8	2770.0	2806.2	2810.7	2815.2
30°	6208.8	5160.5	2959.8	2399.5	2408.5	2503.4	2598.3	2693.2	2765.5	2797.1	2797.1
32.5°	6326.3	5119.8	2806.2	2263.9	2263.9	2363.3	2480.8	2598.3	2702.2	2765.5	2779.1
35°	6439.3	5083.7	2670.6	2128.4	2132.9	2227.8	2349.8	2476.3	2607.4	2684.2	2720.3
37.5°	6498.0	5047.5	2575.7	2024.4	2006.4	2105.8	2187.1	2291.0	2431.1	2557.6	2589.3
40°	6511.6	5047.5	2566.7	1952.1	1875.3	1988.3	2024.4	2096.7	2223.3	2358.8	2408.5
42.5°	6421.2	4997.8	2611.9	1906.9	1739.7	1821.1	1861.7	1897.9	1979.2	2092.2	2132.9
45°	6312.8	4930.0	2652.5	1843.7	1572.5	1635.8	1699.1	1703.6	1739.7	1766.9	1794.0
47.5°	6222.4	4857.7	2580.2	1726.2	1400.8	1446.0	1513.8	1513.8	1495.7	1441.5	1423.4
50°	6294.7	4880.3	2458.2	1559.0	1242.7	1274.3	1346.6	1305.9	1265.3	1152.3	1138.7
52.5°	6358.0	4966.2	2313.6	1396.3	1107.1	1138.7	1211.0	1147.8	1066.4	976.1	962.5
55°	6254.0	4970.7	2047.0	1215.6	1012.2	1039.3	1107.1	1030.3	953.5	899.2	890.2
57.5°	5942.2	4835.1	1766.9	1075.5	930.9	958.0	1021.3	944.4	872.1	867.6	890.2
60°	5255.4	4360.6	1509.3	985.1	854.1	885.7	948.9	867.6	772.7	732.0	745.6
62.5°	3967.5	3353.0	1292.4	881.2	781.8	822.4	867.6	736.6	655.2	637.2	619.1
65°	*2901.1*	*2575.7*	*1161.3*	*799.8*	*714.0*	*763.7*	*727.5*	*655.2*	*601.0*	*582.9*	*573.9*
67.5°	1875.3	1748.8	998.7	723.0	650.7	691.4	641.7	605.5	546.8	537.7	551.3
70°	1147.8	1188.4	836.0	637.2	587.4	578.4	587.4	551.3	488.0	501.6	519.7
72.5°	813.4	876.6	718.5	555.8	501.6	483.5	524.2	501.6	456.4	470.0	488.0
75°	582.9	650.7	592.0	456.4	424.8	415.7	488.0	501.6	470.0	479.0	492.6
77.5°	343.4	415.7	420.2	352.5	320.8	370.5	519.7	578.4	555.8	528.7	515.1
80°	221.4	248.5	298.2	225.9	225.9	320.8	569.4	704.9	605.5	537.7	528.7
82.5°	113.0	131.0	194.3	144.6	135.6	239.5	560.3	673.3	668.8	596.5	582.9
85°	31.6	40.7	90.4	63.3	54.2	126.5	420.2	506.1	451.9	329.9	334.4
87.5°	4.5	4.5	0.0	0.0	4.5	18.1	49.7	9.0	9.0	9.0	9.0
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

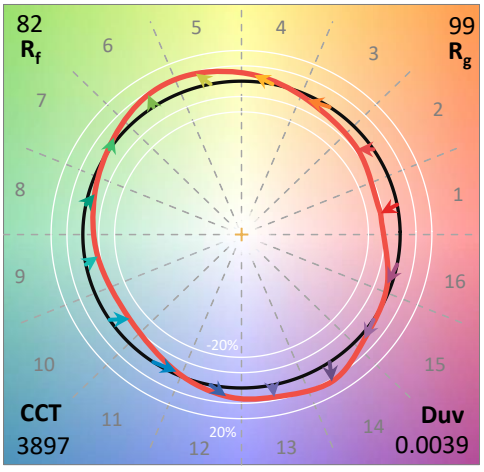
Test Information

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

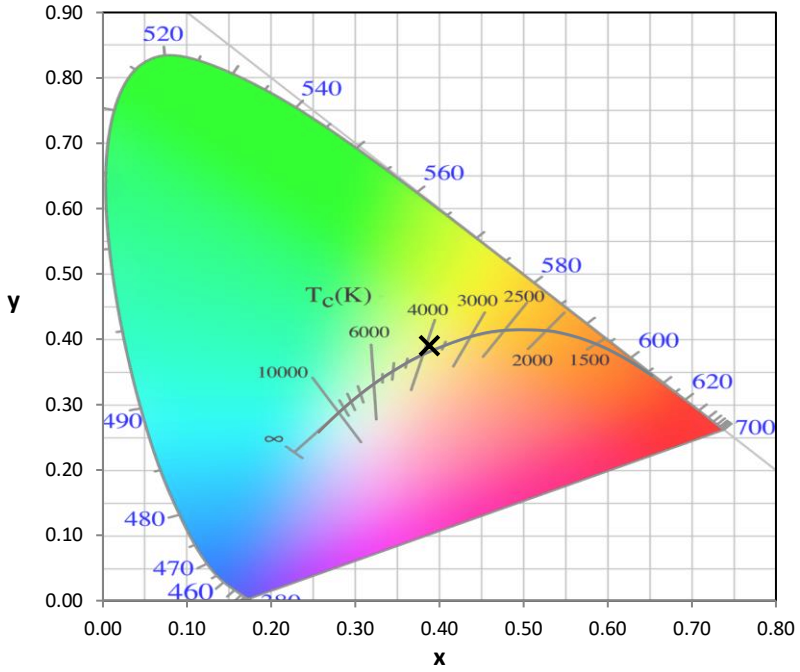
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

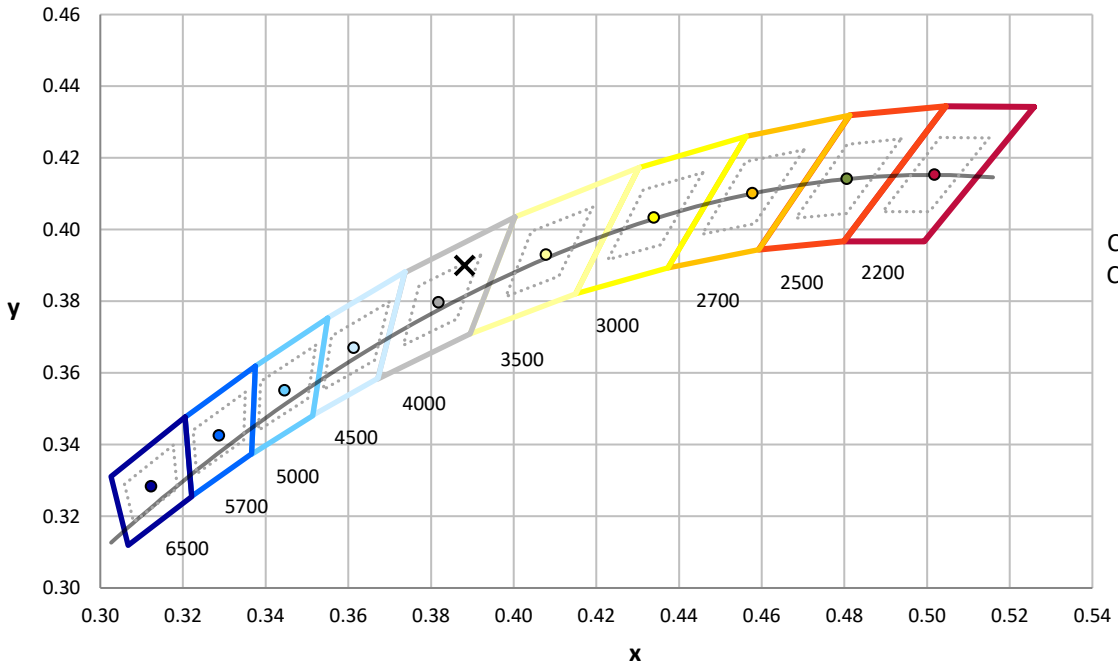
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

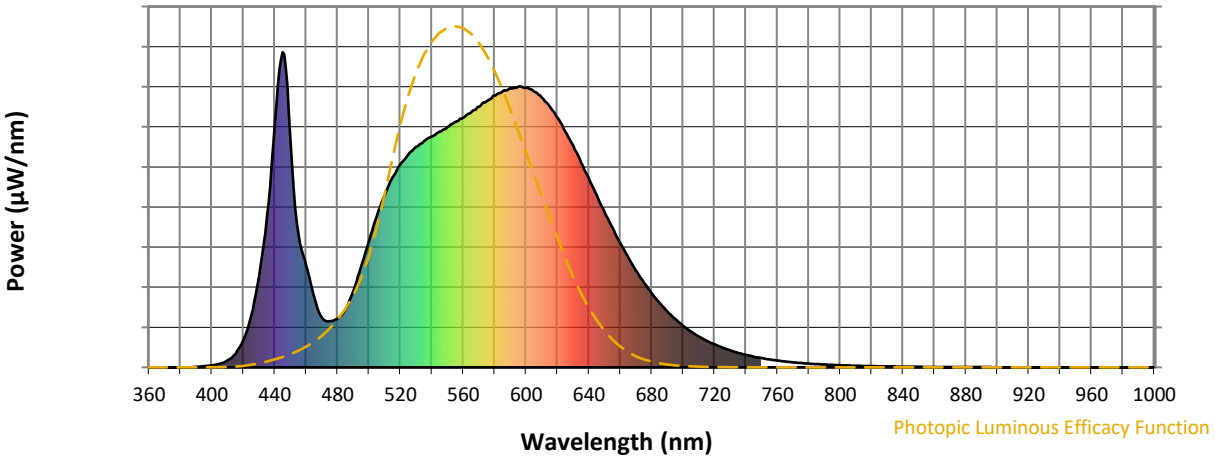


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

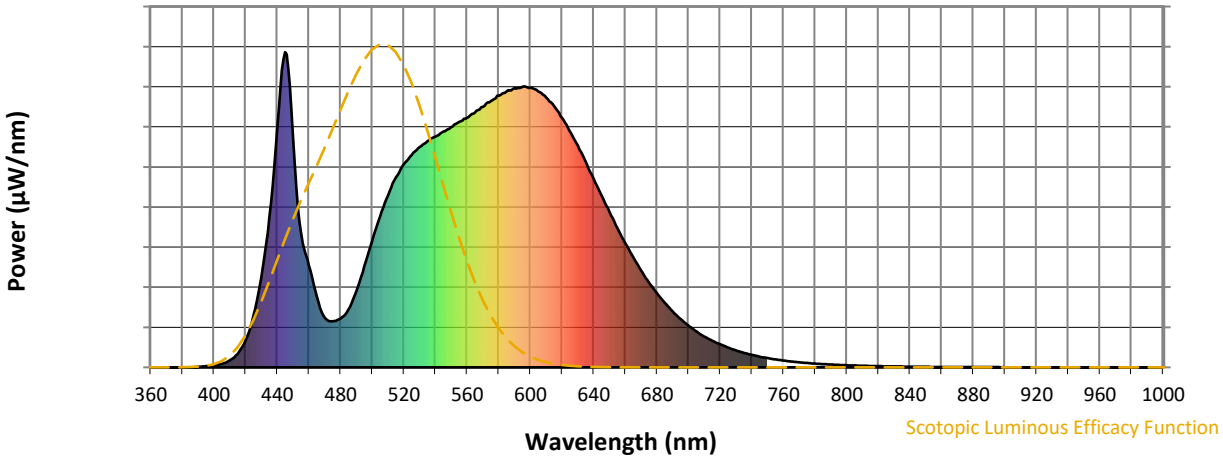


Photopic Lumens: NR

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

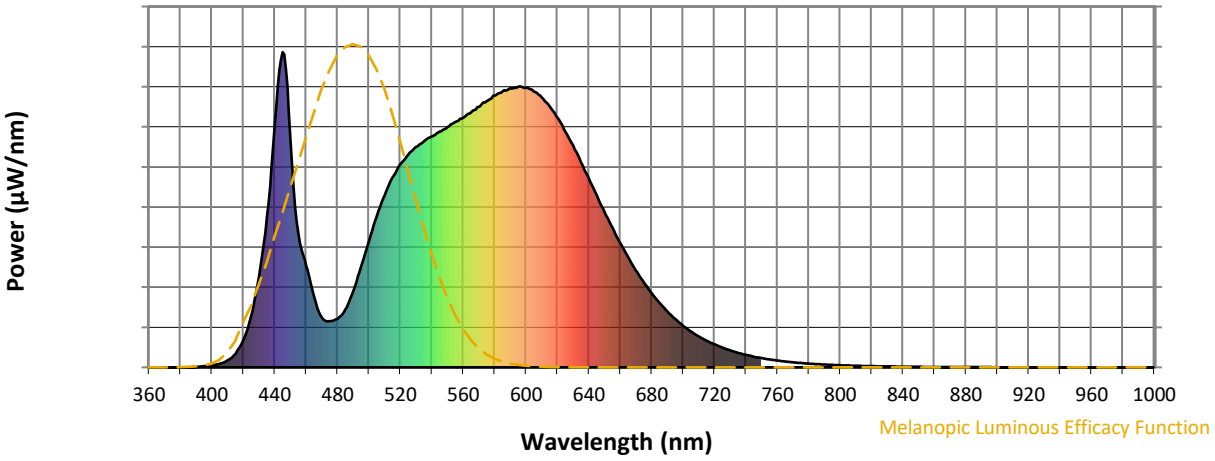


Scotopic Lumens: NR **S/P: 1.57**

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			

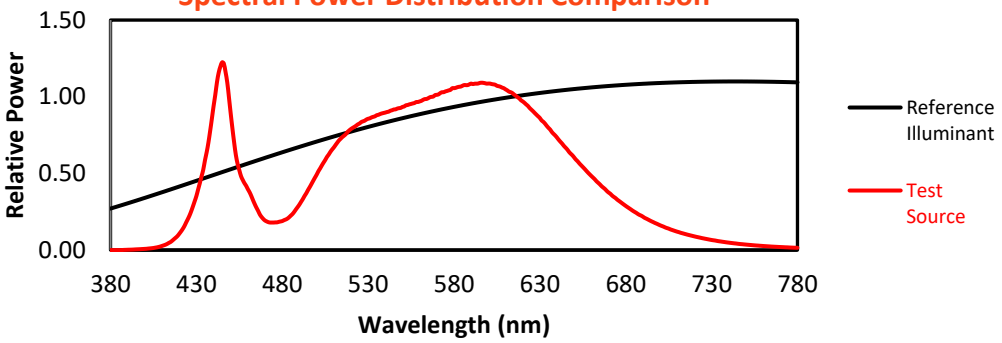
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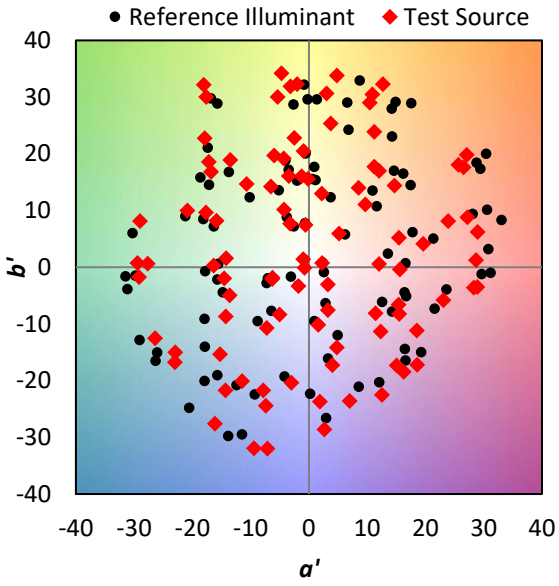
Summary

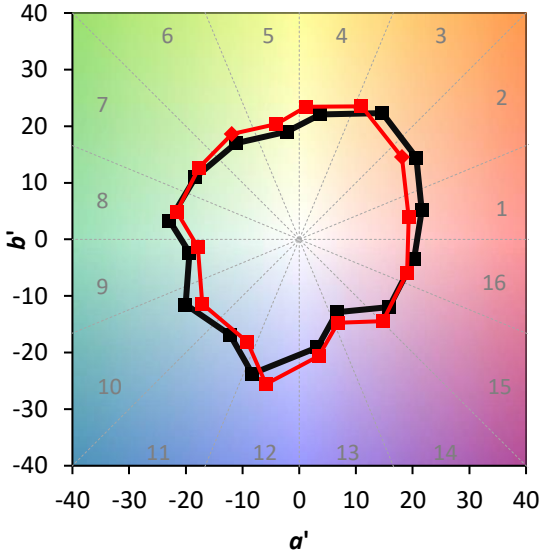
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

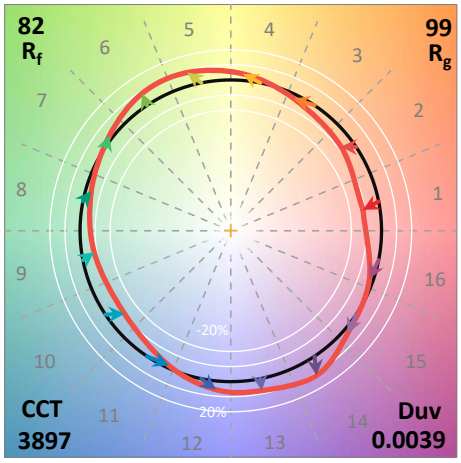
Spectral Power Distribution Comparison

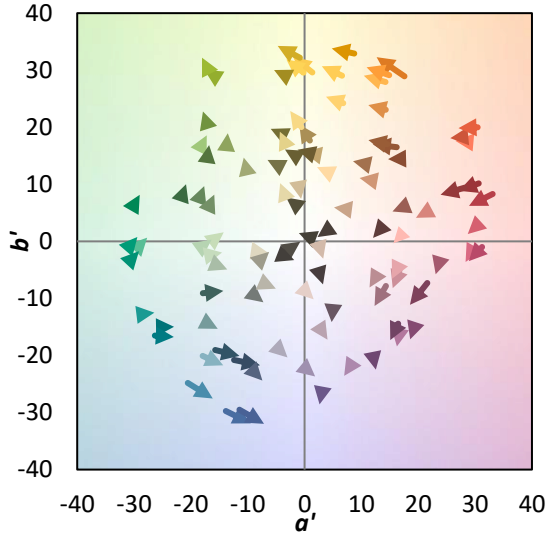


Color Vector Graphics







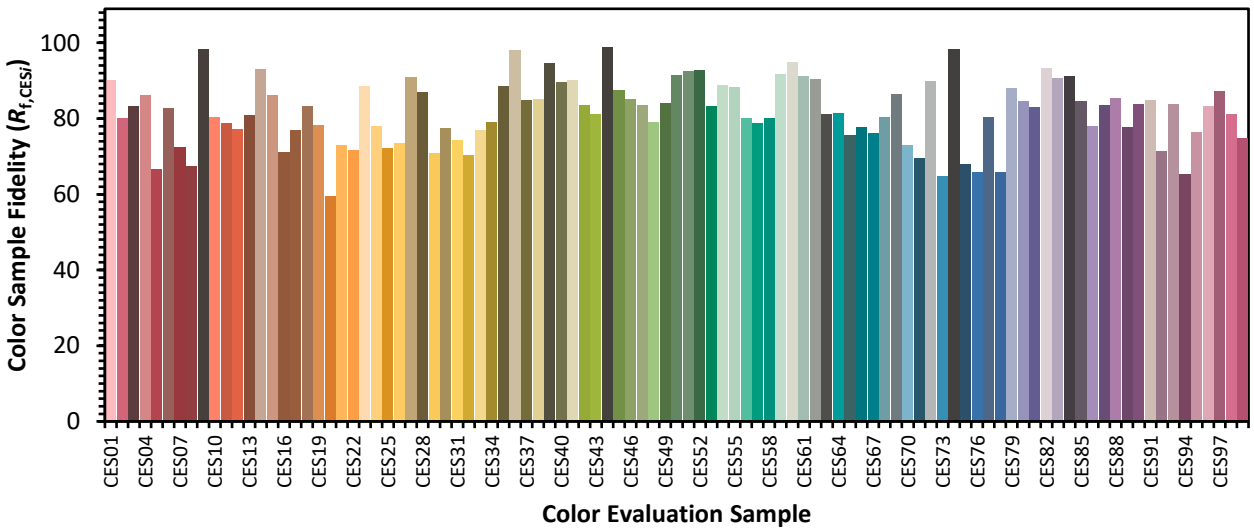


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Individual Sample Fidelity Index ($R_{f,i}$)

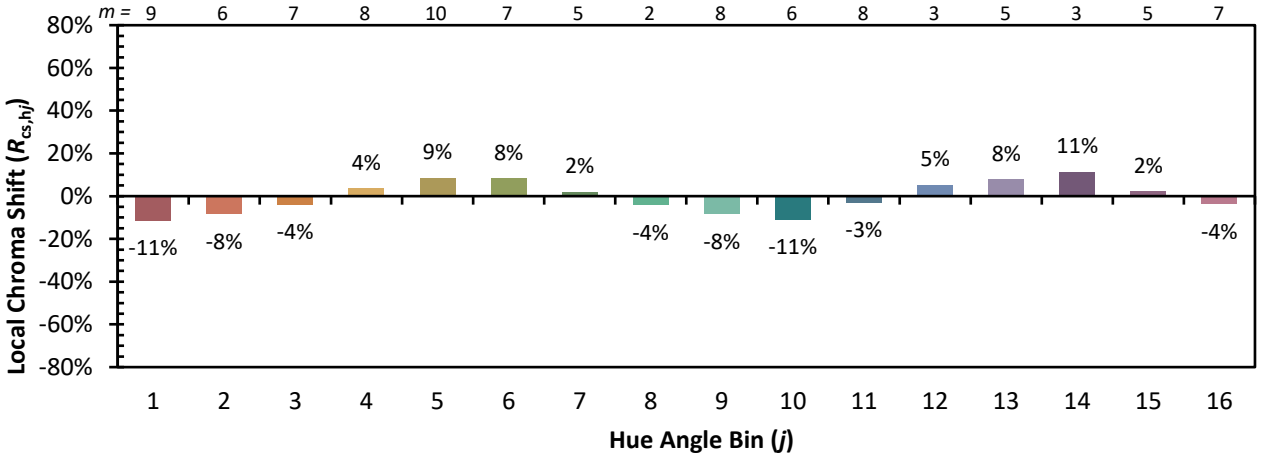
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

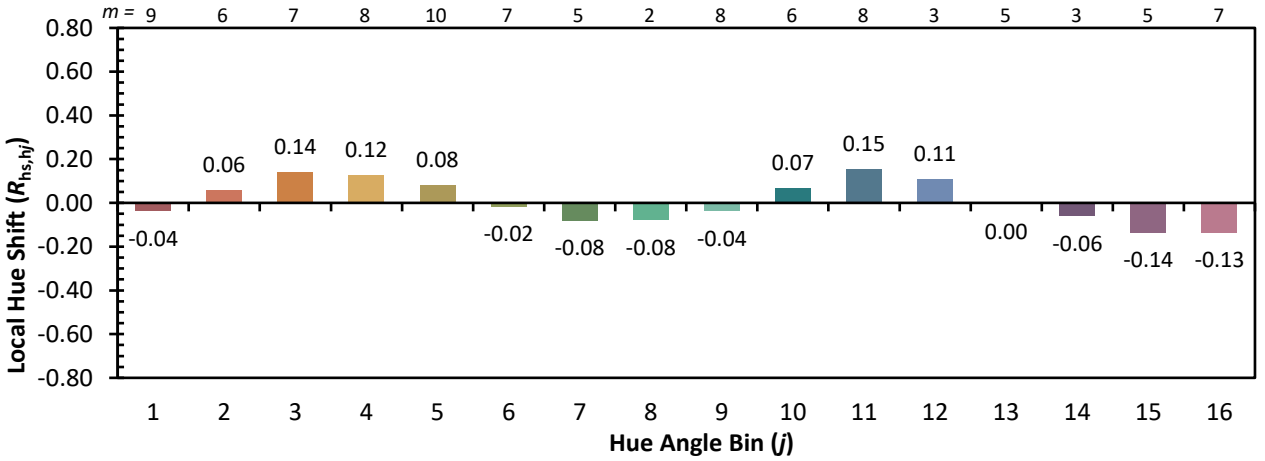


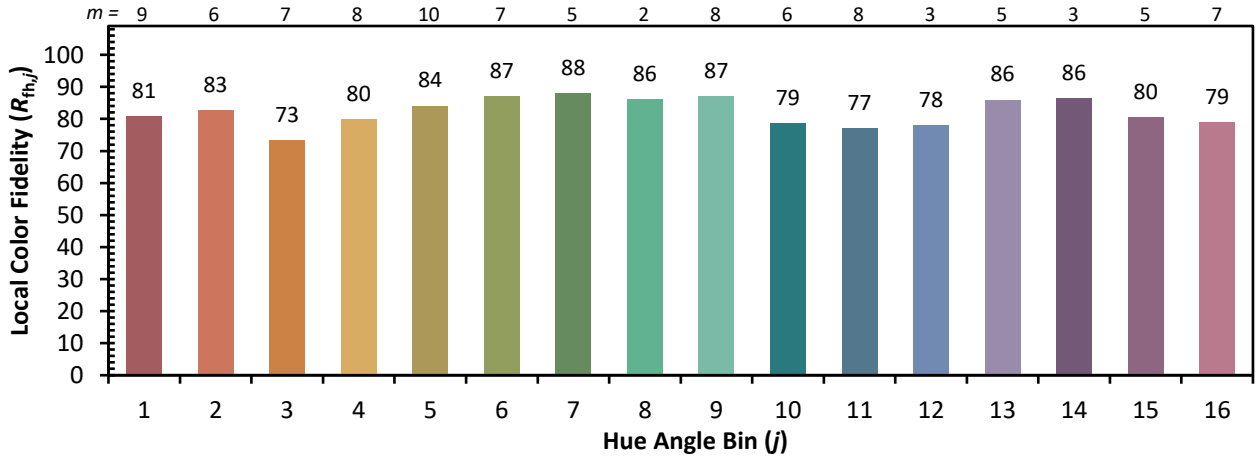
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Color Rendition by Hue-Angle Bin



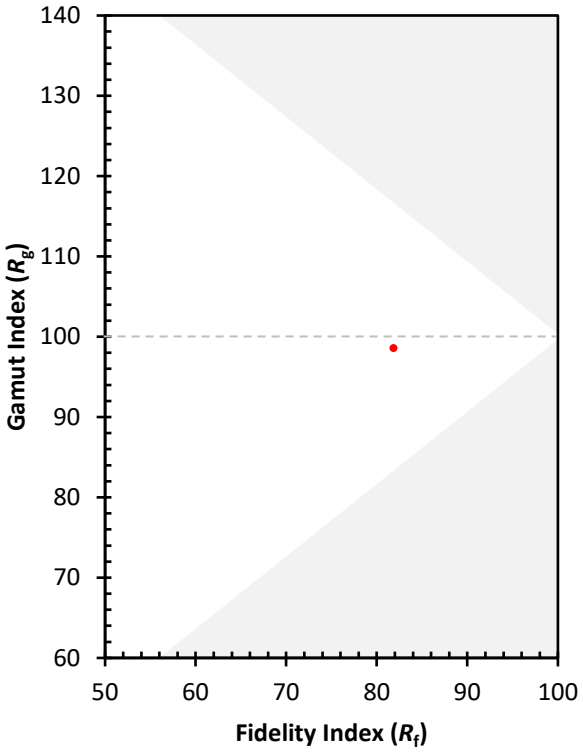


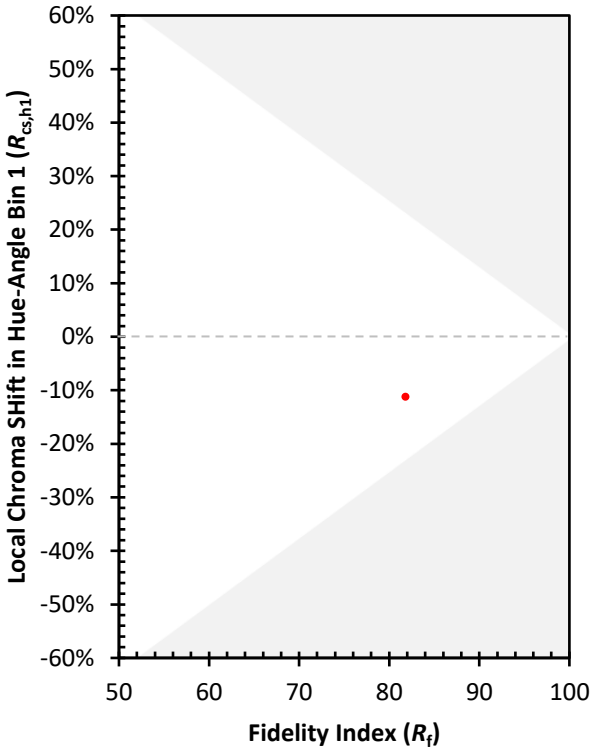


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Measure Comparisons





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