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: P1500814

Luminaire Tested: GSS-SB5B-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:	P1500814
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-840-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26283.3 lumens
Efficiency:	N/A
Efficacy:	142.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

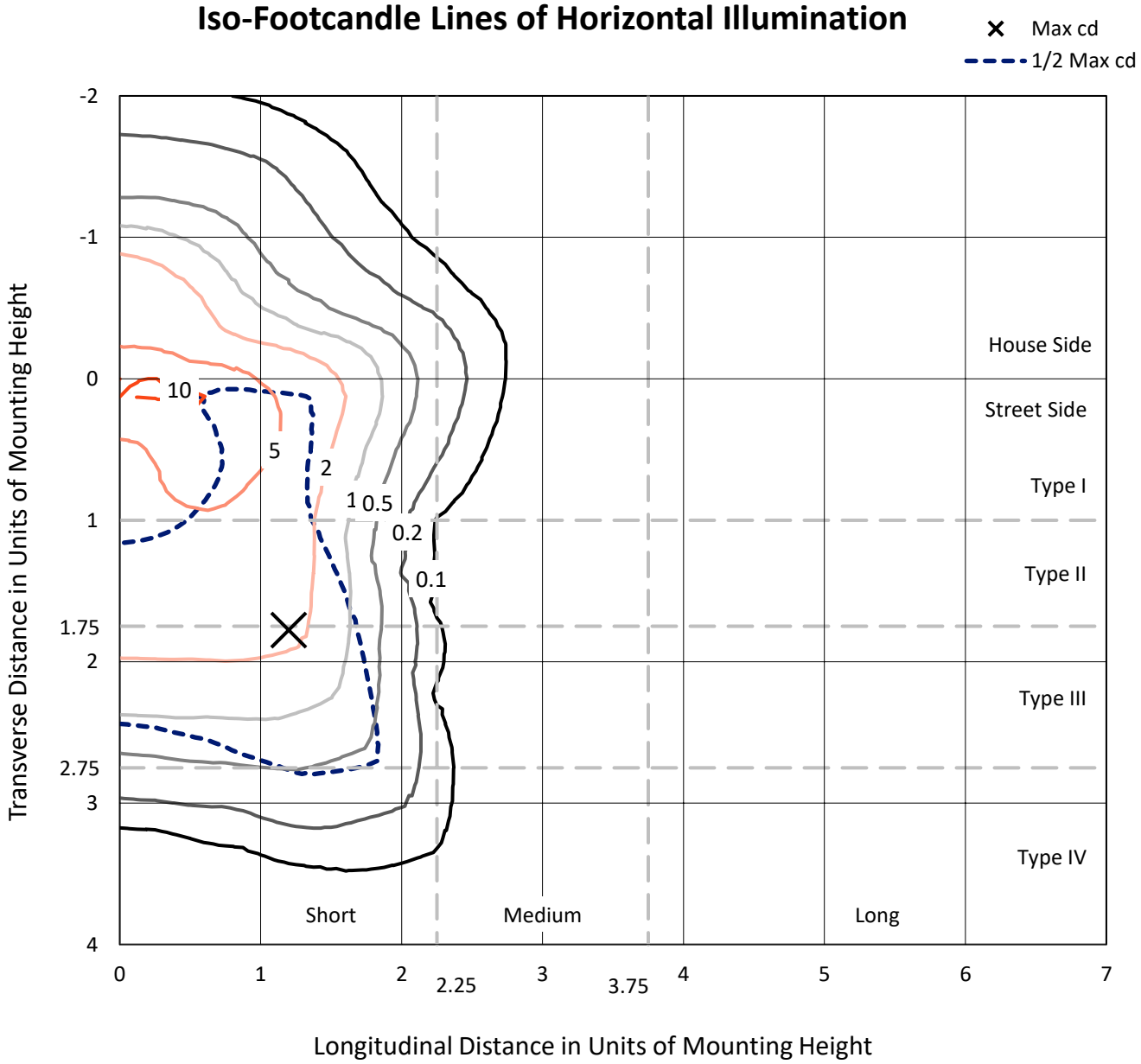
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500814
CATALOG NUMBER: GSS-SB5B-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



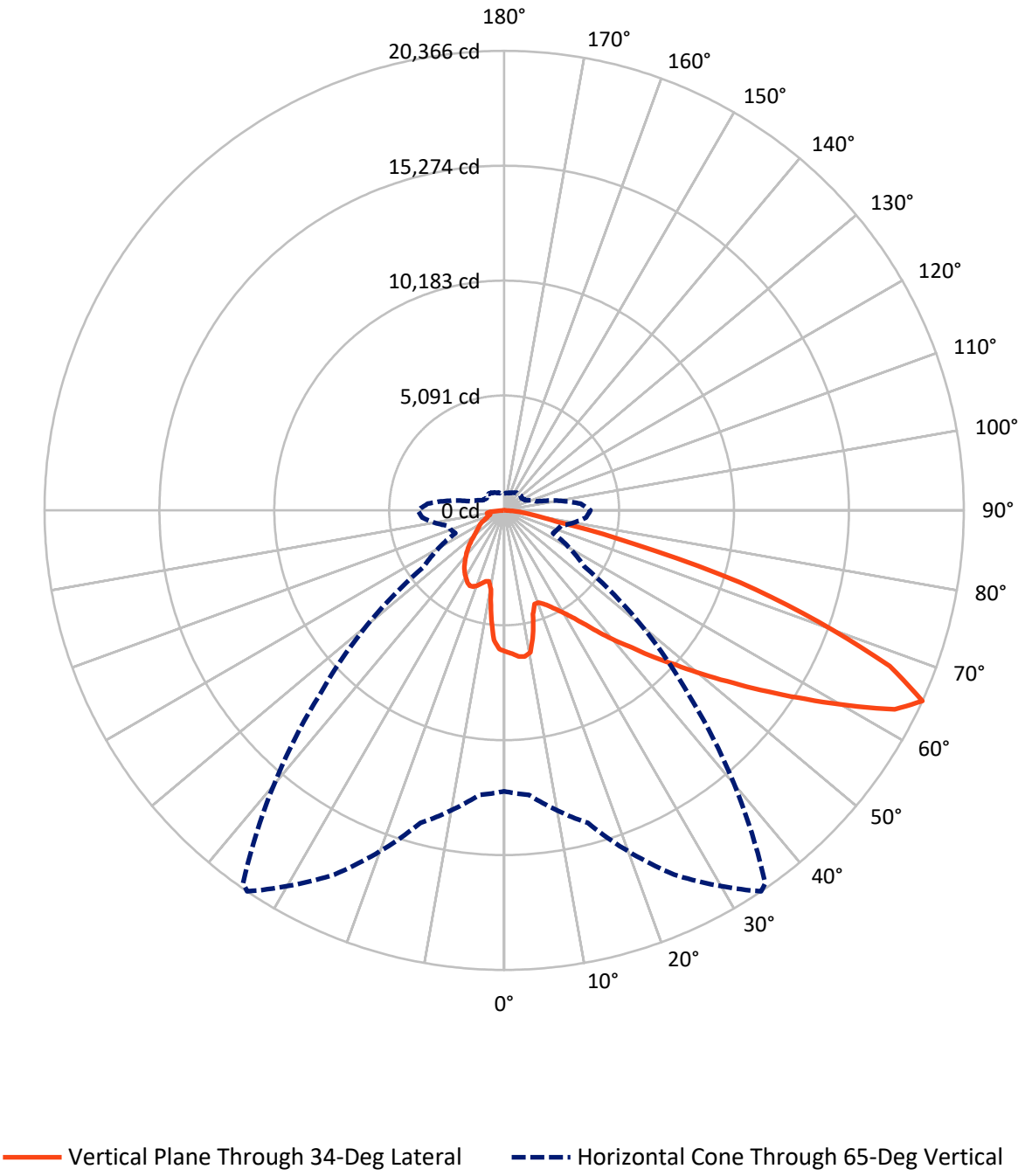
Based on 25 foot mounting height. Maximum calculated value = 10.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1500814
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Luminous Intensity Polar Plot



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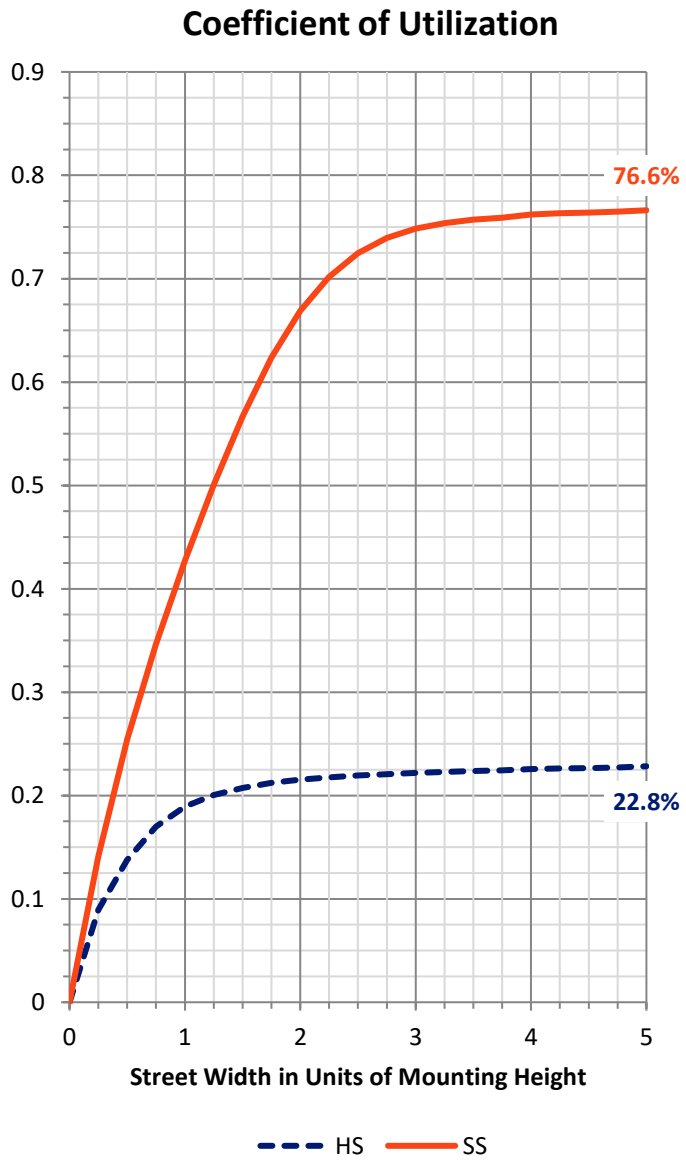
REPORT NUMBER: P1500814
CATALOG NUMBER: GSS-SB5B-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6115.0	0.0	6115.0
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	20168.4	0.0	20168.4
	% Fixture	76.7	0.0	76.7
Total	Lumens	26283.3	0.0	26283.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	563.3	2.1
10°-20°	1417.9	5.4
20°-30°	2350.3	8.9
30°-40°	3534.7	13.4
40°-50°	4952.0	18.8
50°-60°	6243.7	23.8
60°-70°	5370.1	20.4
70°-80°	1596.5	6.1
80°-90°	254.7	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°	26283.3	100.0
0°-180°	26283.3	100.0



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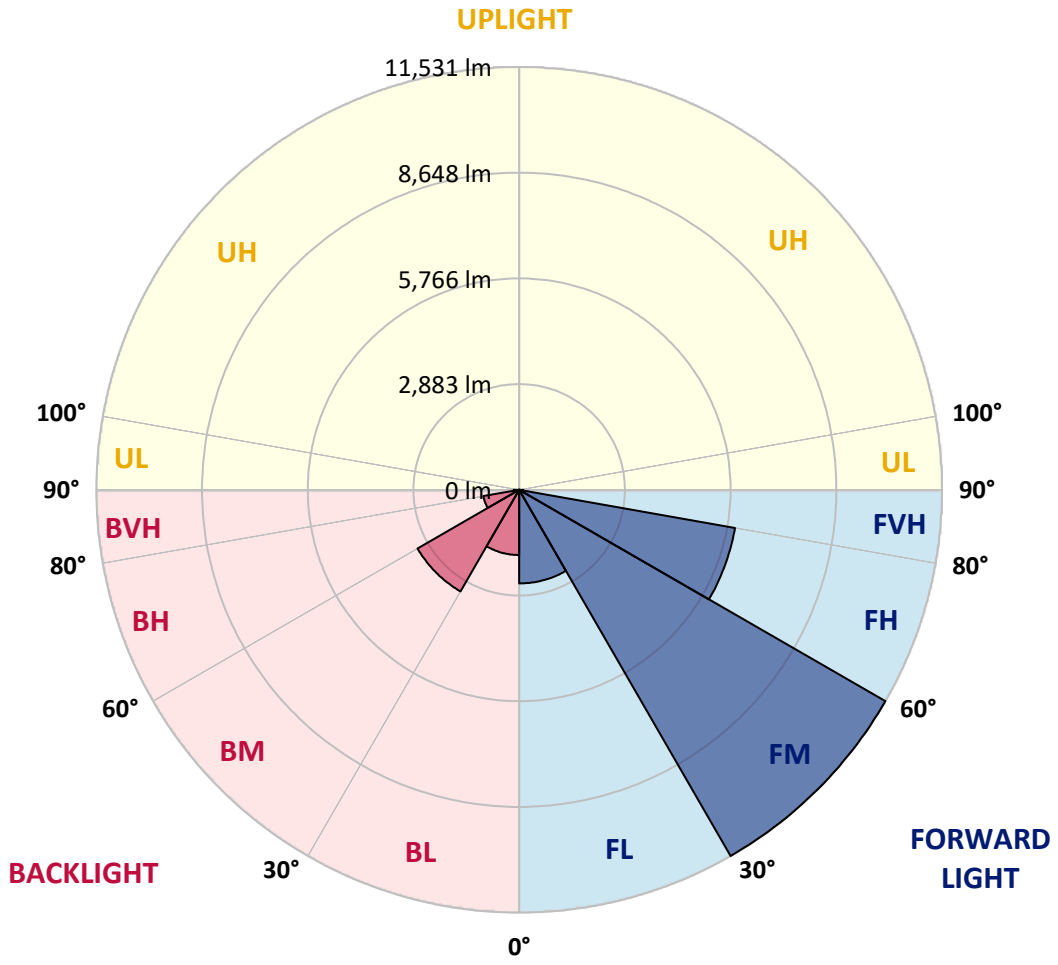
Scaled Data Report

REPORT NUMBER: P1500814
CATALOG NUMBER: GSS-SB5B-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2552.3	9.7			
FM	(30°-60°)	11531.3	43.9			
FH	(60°-80°)	5977.0	22.7			G3/7500
FVH	(80°-90°)	107.8	0.4			G2/225
BL	(0°-30°)	1779.2	6.8	B3/2500		
BM	(30°-60°)	3199.2	12.2	B3/5000		
BH	(60°-80°)	989.7	3.8	B2/1000		G2/1000
BVH	(80°-90°)	147.0	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-G3
Type III Short



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Scaled Data Report

REPORT NUMBER: P1500814
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0
2.5°	6368.0	6403.7	6362.0	6344.2	6350.1	6356.1	6326.3	6332.3	6296.6	6296.6	6266.8
5°	6504.9	6510.8	6487.0	6504.9	6498.9	6493.0	6493.0	6487.0	6409.7	6391.8	6362.0
7.5°	6427.5	6451.3	6463.2	6528.7	6546.5	6582.2	6606.1	6618.0	6558.4	6510.8	6433.5
10°	5719.3	5737.1	5874.0	6171.6	6397.8	6439.4	6659.6	6784.6	6742.9	6719.1	6588.2
12.5°	4570.7	4600.4	4755.2	5142.0	5671.7	5784.8	6487.0	6909.6	7004.8	7010.7	6820.3
15°	4076.7	4076.7	4124.3	4344.5	4773.0	4862.3	5897.8	6945.3	7284.5	7326.2	7094.1
17.5°	3975.5	3969.6	3999.3	4130.3	4356.4	4410.0	5219.4	6760.8	7617.8	7689.2	7391.6
20°	3969.6	3951.7	4011.2	4160.0	4356.4	4404.0	4904.0	6439.4	7879.7	8105.8	7689.2
22.5°	3975.5	3975.5	4058.9	4273.1	4499.3	4540.9	4963.5	6171.6	8093.9	8540.3	8004.6
25°	4041.0	4029.1	4148.1	4410.0	4719.5	4749.2	5207.5	6159.7	8278.4	9028.3	8385.5
27.5°	4148.1	4154.1	4314.8	4630.2	4981.3	5040.8	5546.7	6415.6	8504.5	9563.9	8754.5
30°	4374.3	4380.2	4570.7	4892.0	5296.7	5374.1	5939.5	6796.5	8825.9	10141.2	9153.3
32.5°	4630.2	4659.9	4892.0	5267.0	5701.4	5743.1	6421.6	7367.8	9308.0	10718.5	9581.8
35°	5058.7	5088.4	5350.3	5743.1	6225.2	6284.7	7010.7	8028.4	9897.2	11301.7	9915.0
37.5°	5612.2	5636.0	5891.9	6368.0	6879.8	6939.3	7665.4	8730.7	10492.3	11765.9	10212.6
40°	6272.8	6326.3	6600.1	7064.3	7582.1	7617.8	8379.6	9409.2	11135.1	12087.3	10331.6
42.5°	6992.9	7046.5	7326.2	7838.0	8314.1	8421.2	9153.3	10129.3	11658.8	12230.1	10236.4
45°	7915.4	7903.5	8165.3	8700.9	9260.4	9302.0	9980.5	10724.4	11974.2	12111.1	10141.2
47.5°	9034.2	9046.1	9212.8	9647.2	10224.5	10319.7	10843.4	11236.2	12158.7	12015.9	10034.1
50°	10295.9	10325.7	10468.5	10783.9	11402.9	11468.3	11623.1	11593.3	12271.8	11813.5	10075.7
52.5°	11557.6	11575.5	11765.9	12099.2	12700.3	12747.9	12408.7	11867.1	11849.2	10998.2	9986.4
55°	12593.2	12587.2	12926.4	13438.3	14170.3	14140.5	13182.3	11658.8	10528.0	9730.5	9587.7
57.5°	13491.8	13527.5	13967.9	14854.7	15777.2	15753.4	14009.6	10557.8	8599.8	8230.8	8939.0
60°	14301.2	14384.5	15211.8	16538.9	17556.6	17413.8	14158.4	8897.3	6689.4	6445.4	7653.5
62.5°	13950.1	14104.8	15432.0	18020.8	19419.4	19104.0	13241.9	6891.7	4529.0	4308.8	5409.8
65°	12450.3	12658.6	14342.9	17806.6	20365.7	20169.3	11575.5	4332.6	2386.5	2618.6	3642.3
67.5°	10456.6	10706.6	12527.7	15997.4	18425.5	18003.0	8992.6	2279.4	1112.9	1725.9	2261.5
70°	5731.2	6350.1	9058.0	13604.9	14759.5	14170.3	5201.5	1077.2	809.4	1077.2	1351.0
72.5°	2154.4	2303.2	3927.9	9147.3	10932.7	10206.6	1975.9	696.3	678.5	797.5	976.0
75°	1035.5	1107.0	1708.1	4160.0	5969.3	5564.6	970.1	517.8	583.2	624.9	708.2
77.5°	618.9	666.6	1065.3	2416.3	2350.8	2160.4	595.1	398.7	470.2	446.4	416.6
80°	369.0	410.6	648.7	1374.8	1416.4	1255.7	363.0	279.7	327.3	285.7	255.9
82.5°	214.3	232.1	339.2	618.9	898.7	827.2	208.3	166.6	238.1	190.4	142.8
85°	107.1	113.1	154.7	267.8	446.4	339.2	89.3	77.4	113.1	83.3	47.6
87.5°	23.8	23.8	23.8	29.8	41.7	41.7	11.9	6.0	6.0	6.0	6.0
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: P1500814
CATALOG NUMBER: GSS-SB5B-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0	6249.0
2.5°	6260.9	6272.8	6231.1	6183.5	6171.6	6135.9	6147.8	6124.0	6088.3	6094.2	6100.2
5°	6320.4	6296.6	6213.3	6106.1	6010.9	5903.8	5778.8	5636.0	5534.8	5493.1	5528.8
7.5°	6373.9	6350.1	6207.3	5969.3	5647.9	5201.5	4737.3	4314.8	4023.1	3916.0	3939.8
10°	6522.7	6427.5	6165.6	5647.9	4880.1	4035.0	3564.9	3303.0	3213.8	3166.1	3172.1
12.5°	6719.1	6588.2	6088.3	5088.4	3927.9	3392.3	3225.7	3166.1	3136.4	3124.5	3136.4
15°	6957.2	6754.8	5903.8	4386.2	3487.5	3279.2	3243.5	3249.5	3249.5	3255.4	3255.4
17.5°	7165.5	6850.1	5570.5	3880.3	3398.2	3338.7	3374.4	3404.2	3404.2	3410.2	3404.2
20°	7355.9	6897.7	5142.0	3666.1	3416.1	3445.9	3529.2	3558.9	3564.9	3558.9	3558.9
22.5°	7558.3	6927.4	4713.5	3547.0	3457.8	3547.0	3636.3	3678.0	3689.9	3695.8	3701.8
25°	7754.7	6867.9	4362.4	3451.8	3439.9	3564.9	3666.1	3719.6	3731.5	3731.5	3737.5
27.5°	7951.1	6850.1	4124.3	3326.8	3356.6	3457.8	3576.8	3648.2	3695.8	3701.8	3707.7
30°	8177.2	6796.5	3898.2	3160.2	3172.1	3297.1	3422.1	3547.0	3642.3	3683.9	3683.9
32.5°	8332.0	6742.9	3695.8	2981.7	2981.7	3112.6	3267.3	3422.1	3558.9	3642.3	3660.1
35°	8480.7	6695.3	3517.3	2803.1	2809.1	2934.0	3094.7	3261.4	3434.0	3535.1	3582.7
37.5°	8558.1	6647.7	3392.3	2666.2	2642.4	2773.4	2880.5	3017.4	3201.9	3368.5	3410.2
40°	8576.0	6647.7	3380.4	2571.0	2469.8	2618.6	2666.2	2761.4	2928.1	3106.6	3172.1
42.5°	8456.9	6582.2	3439.9	2511.5	2291.3	2398.4	2452.0	2499.6	2606.7	2755.5	2809.1
45°	8314.1	6493.0	3493.5	2428.2	2071.1	2154.4	2237.7	2243.7	2291.3	2327.0	2362.7
47.5°	8195.1	6397.8	3398.2	2273.4	1844.9	1904.4	1993.7	1993.7	1969.9	1898.5	1874.7
50°	8290.3	6427.5	3237.6	2053.2	1636.6	1678.3	1773.5	1720.0	1666.4	1517.6	1499.8
52.5°	8373.6	6540.6	3047.1	1839.0	1458.1	1499.8	1595.0	1511.7	1404.5	1285.5	1267.6
55°	8236.7	6546.5	2696.0	1600.9	1333.1	1368.8	1458.1	1356.9	1255.7	1184.3	1172.4
57.5°	7826.1	6368.0	2327.0	1416.4	1226.0	1261.7	1345.0	1243.8	1148.6	1142.7	1172.4
60°	6921.5	5743.1	1987.8	1297.4	1124.8	1166.5	1249.8	1142.7	1017.7	964.1	982.0
62.5°	5225.3	4415.9	1702.1	1160.5	1029.6	1083.2	1142.7	970.1	863.0	839.1	815.3
65°	*3820.8*	*3392.3*	*1529.5*	*1053.4*	*940.3*	*1005.8*	*958.2*	*863.0*	*791.5*	*767.7*	*755.8*
67.5°	2469.8	2303.2	1315.3	952.2	857.0	910.6	845.1	797.5	720.1	708.2	726.1
70°	1511.7	1565.2	1101.0	839.1	773.7	761.8	773.7	726.1	642.8	660.6	684.4
72.5°	1071.3	1154.6	946.3	732.0	660.6	636.8	690.4	660.6	601.1	618.9	642.8
75°	767.7	857.0	779.6	601.1	559.4	547.5	642.8	660.6	618.9	630.8	648.7
77.5°	452.3	547.5	553.5	464.2	422.5	488.0	684.4	761.8	732.0	696.3	678.5
80°	291.6	327.3	392.8	297.6	297.6	422.5	749.9	928.4	797.5	708.2	696.3
82.5°	148.8	172.6	255.9	190.4	178.5	315.4	738.0	886.8	880.8	785.6	767.7
85°	41.7	53.6	119.0	83.3	71.4	166.6	553.5	666.6	595.1	434.5	440.4
87.5°	6.0	6.0	0.0	0.0	6.0	23.8	65.5	11.9	11.9	11.9	11.9
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

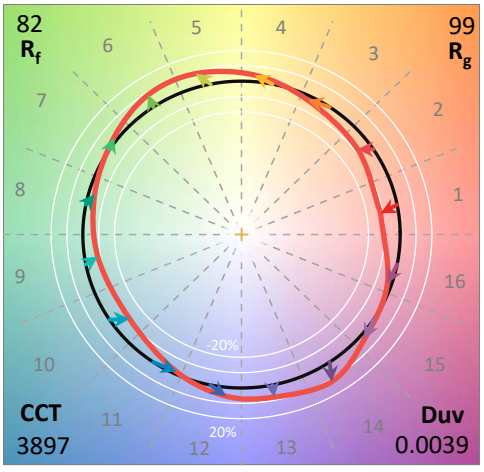
Test Information

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

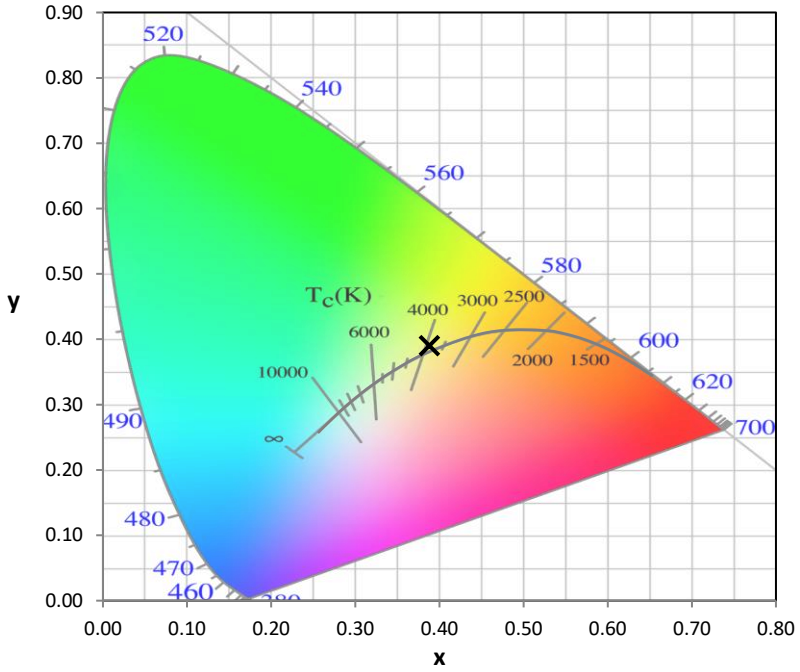
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

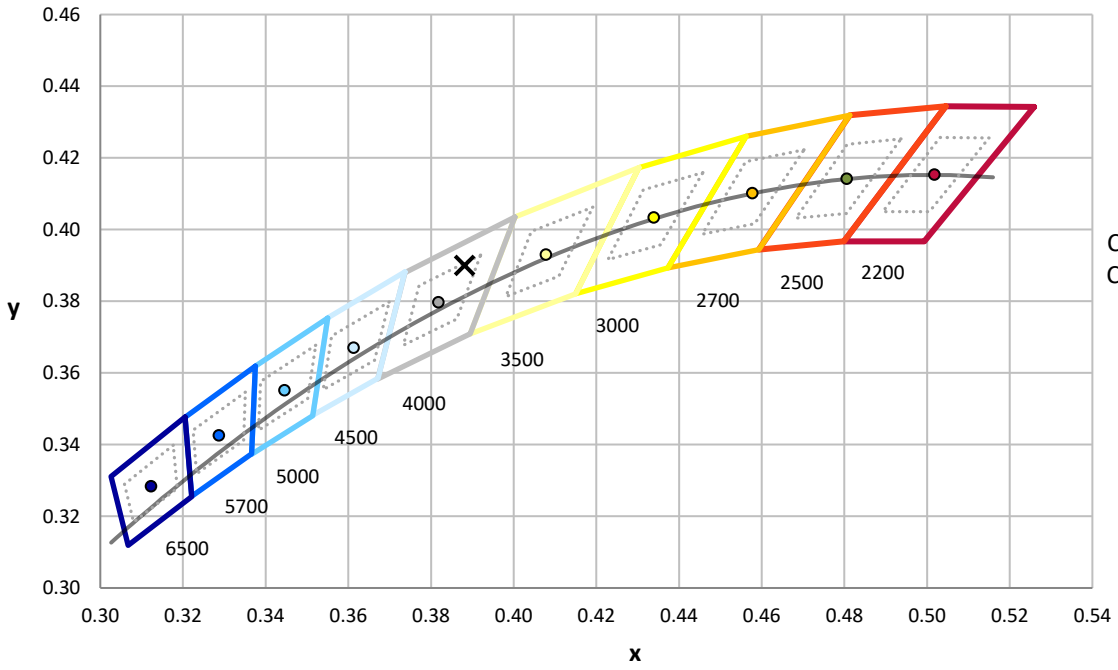
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

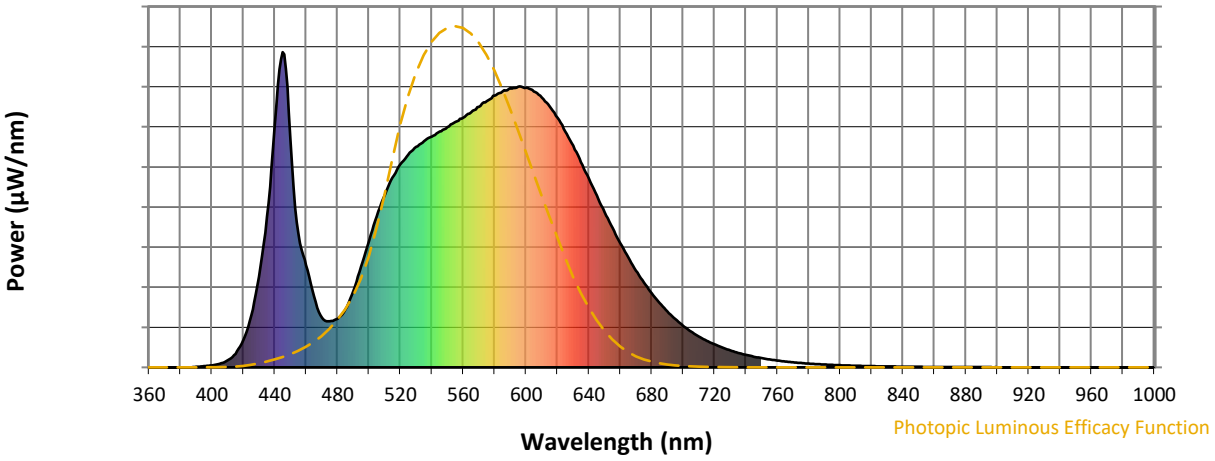


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

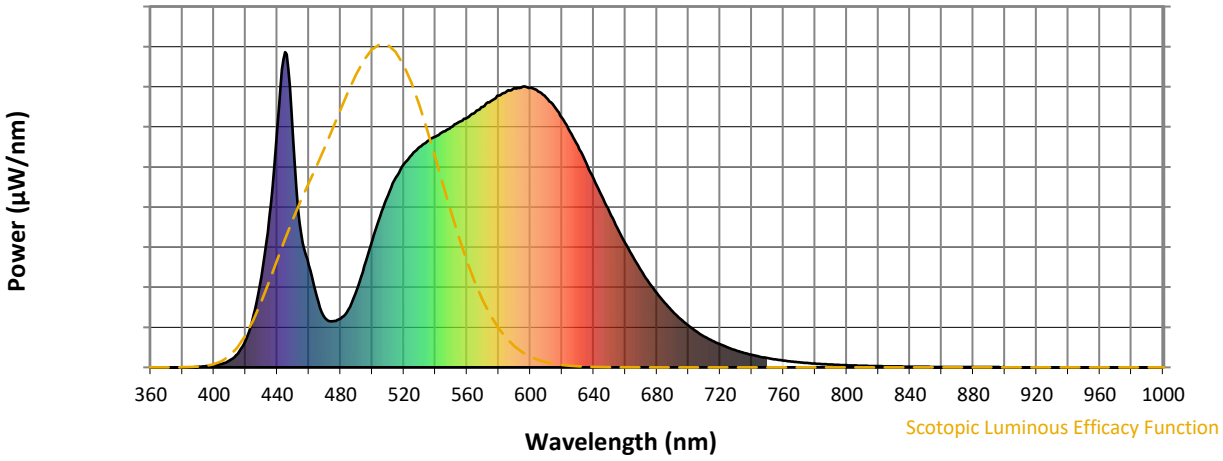


Photopic Lumens: NR

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

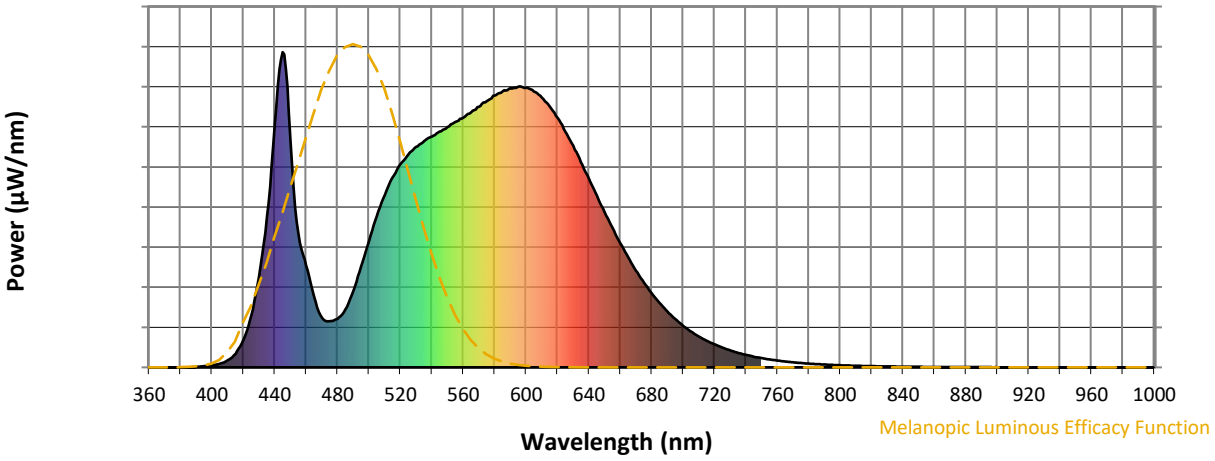


Scotopic Lumens: NR **S/P: 1.57**

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			

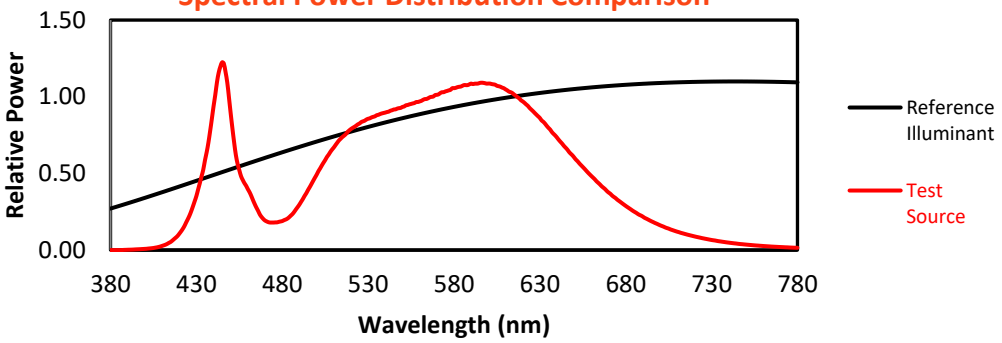
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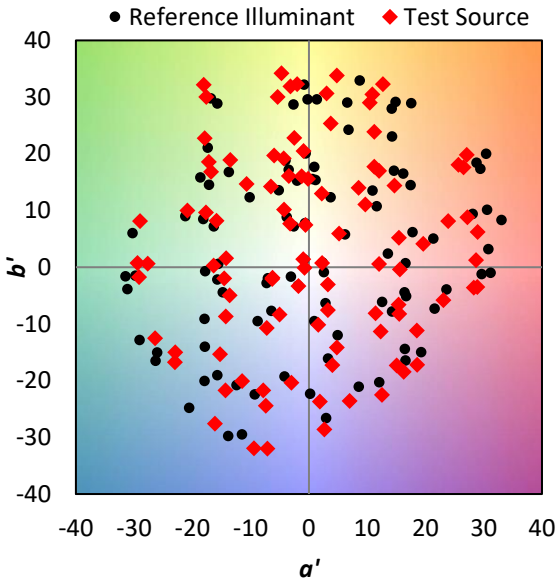
Summary

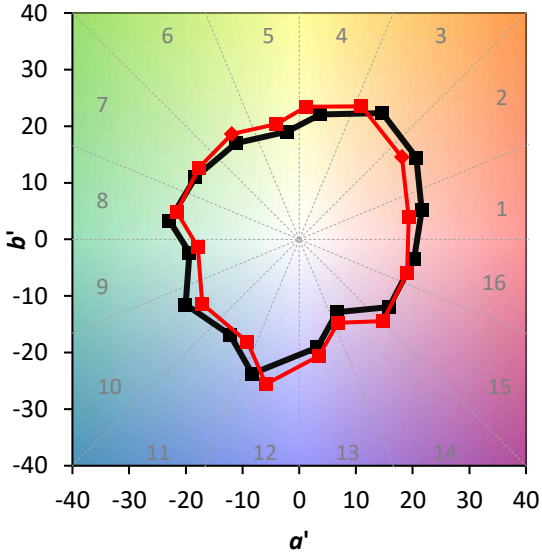
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

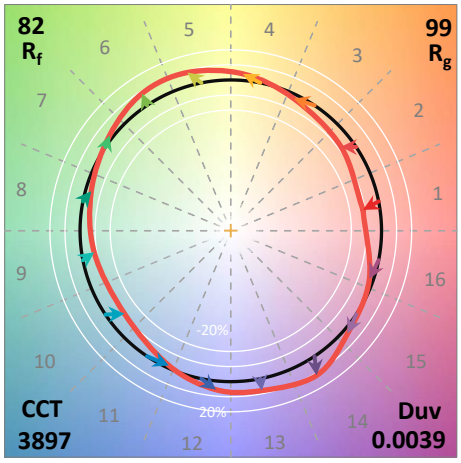
Spectral Power Distribution Comparison

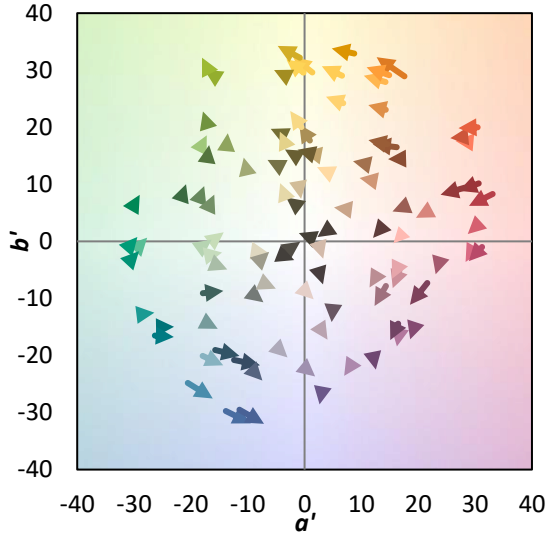


Color Vector Graphics







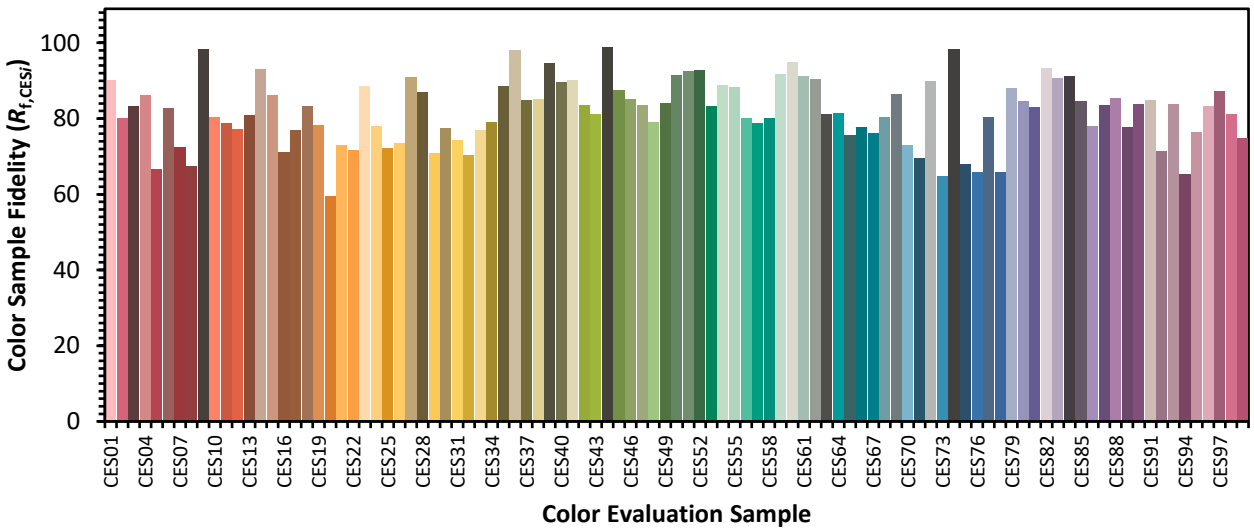


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Individual Sample Fidelity Index ($R_{f,i}$)

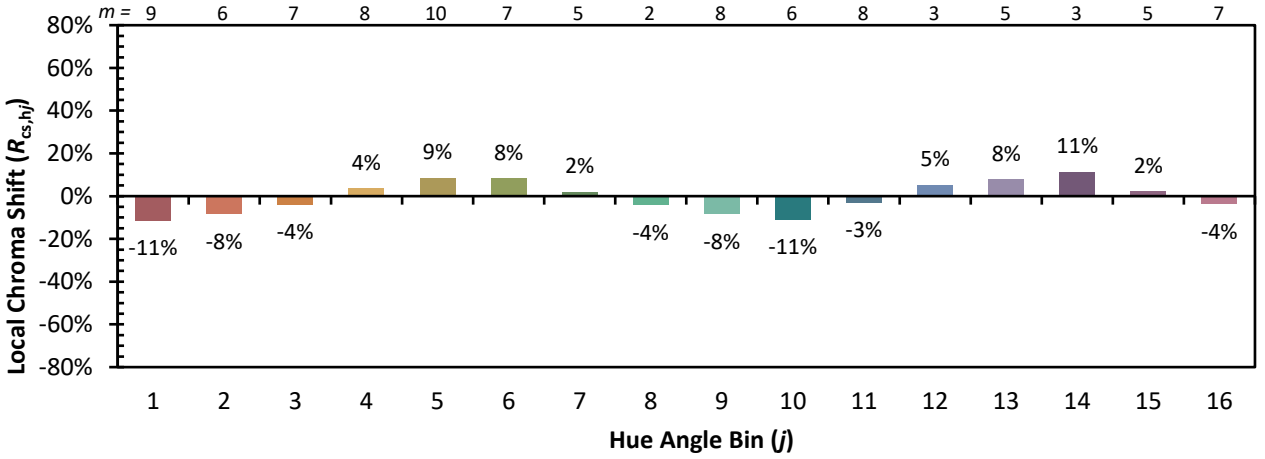
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

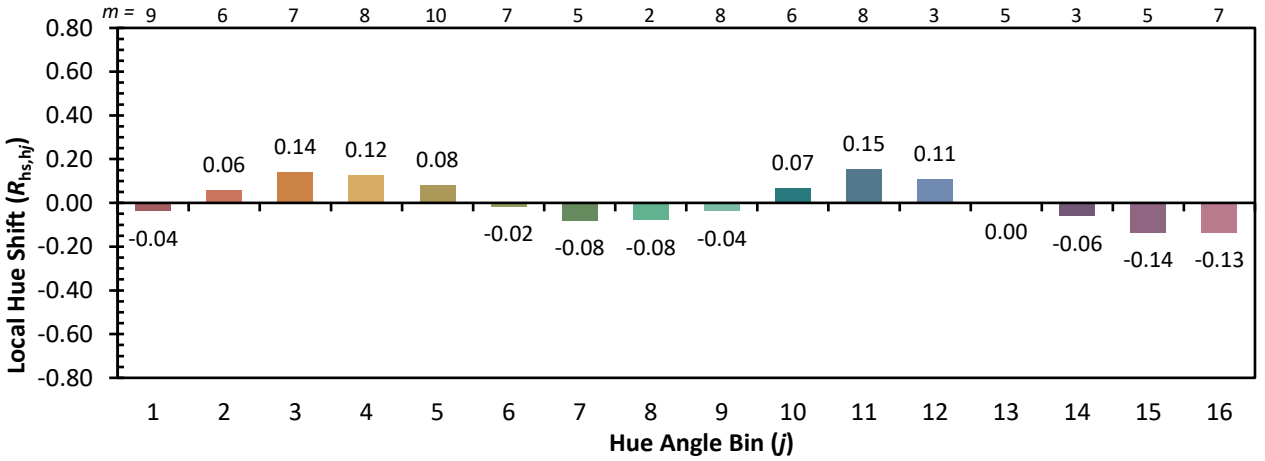


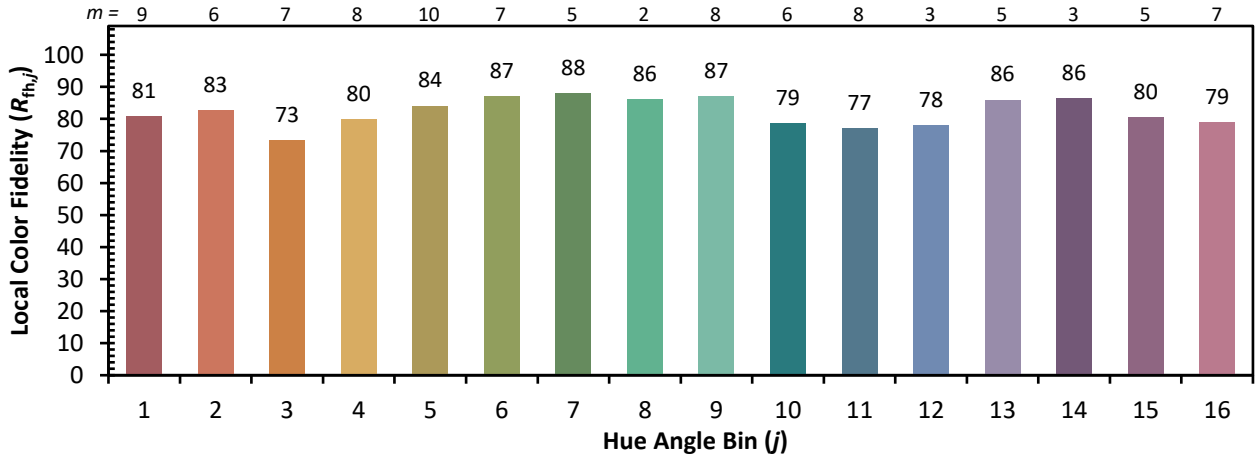
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Color Rendition by Hue-Angle Bin



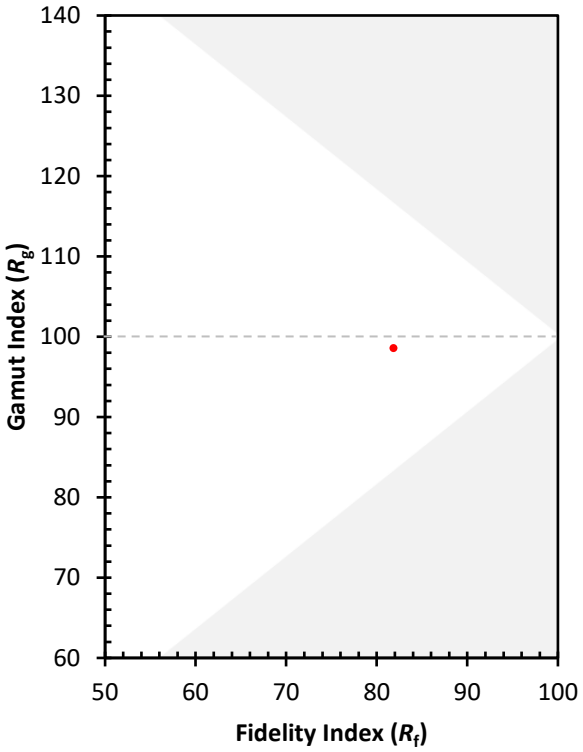


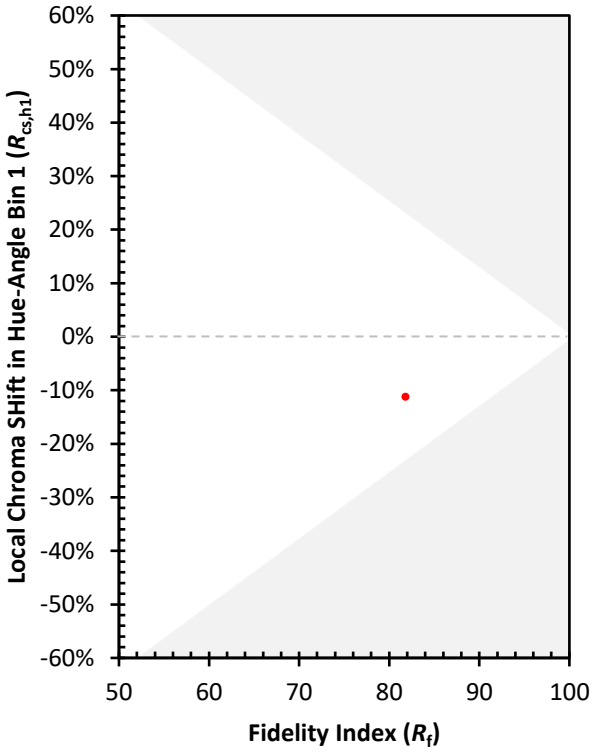


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Measure Comparisons





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