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: P1501200

Luminaire Tested: GSS-SB5D-840-U-T3LG

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:	P1501200
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5D-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 302W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	41770.8 lumens
Efficiency:	N/A
Efficacy:	138.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B4 - U0 - G4

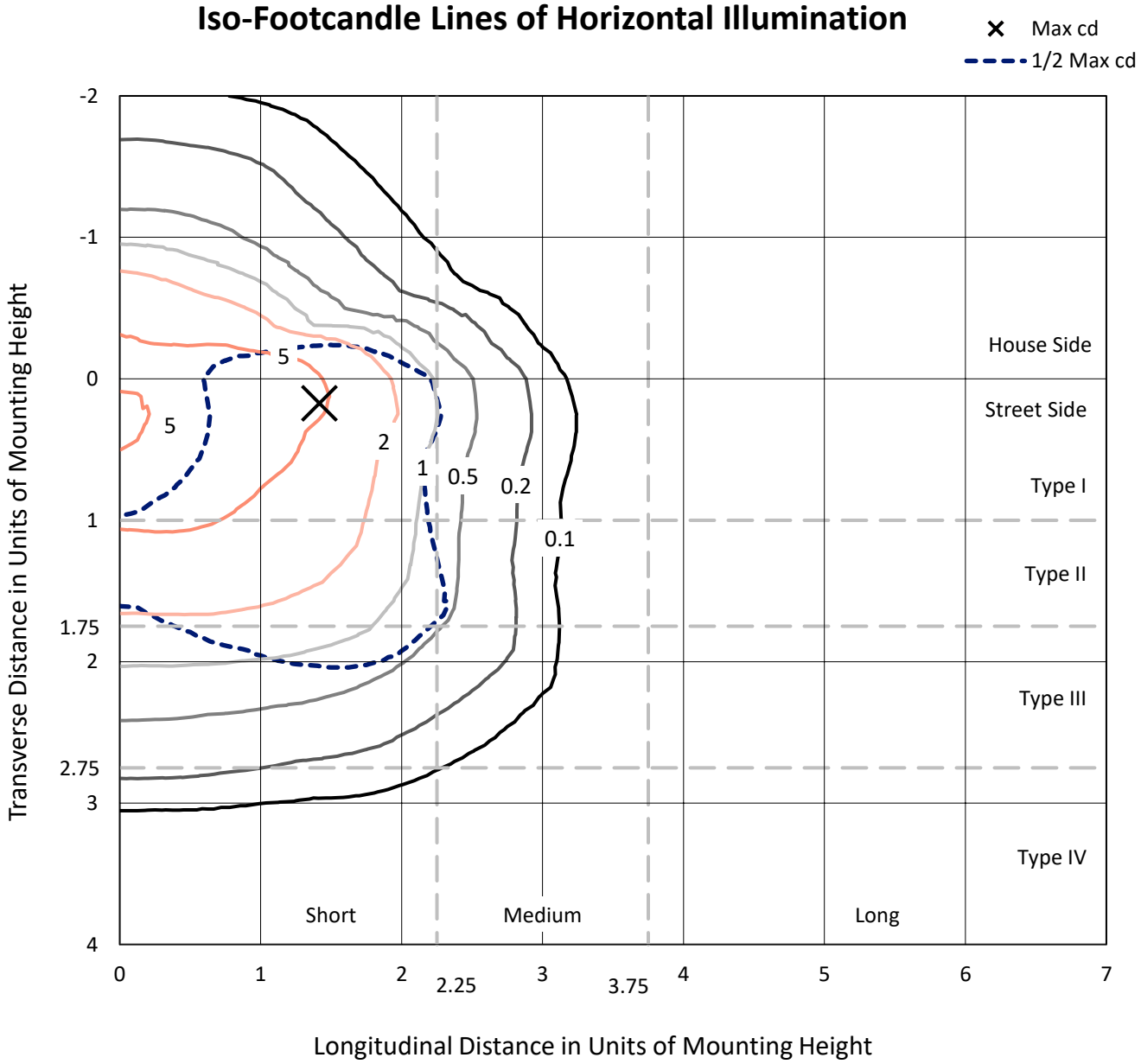
Input Watts (W):	302
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501200
CATALOG NUMBER: GSS-SB5D-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



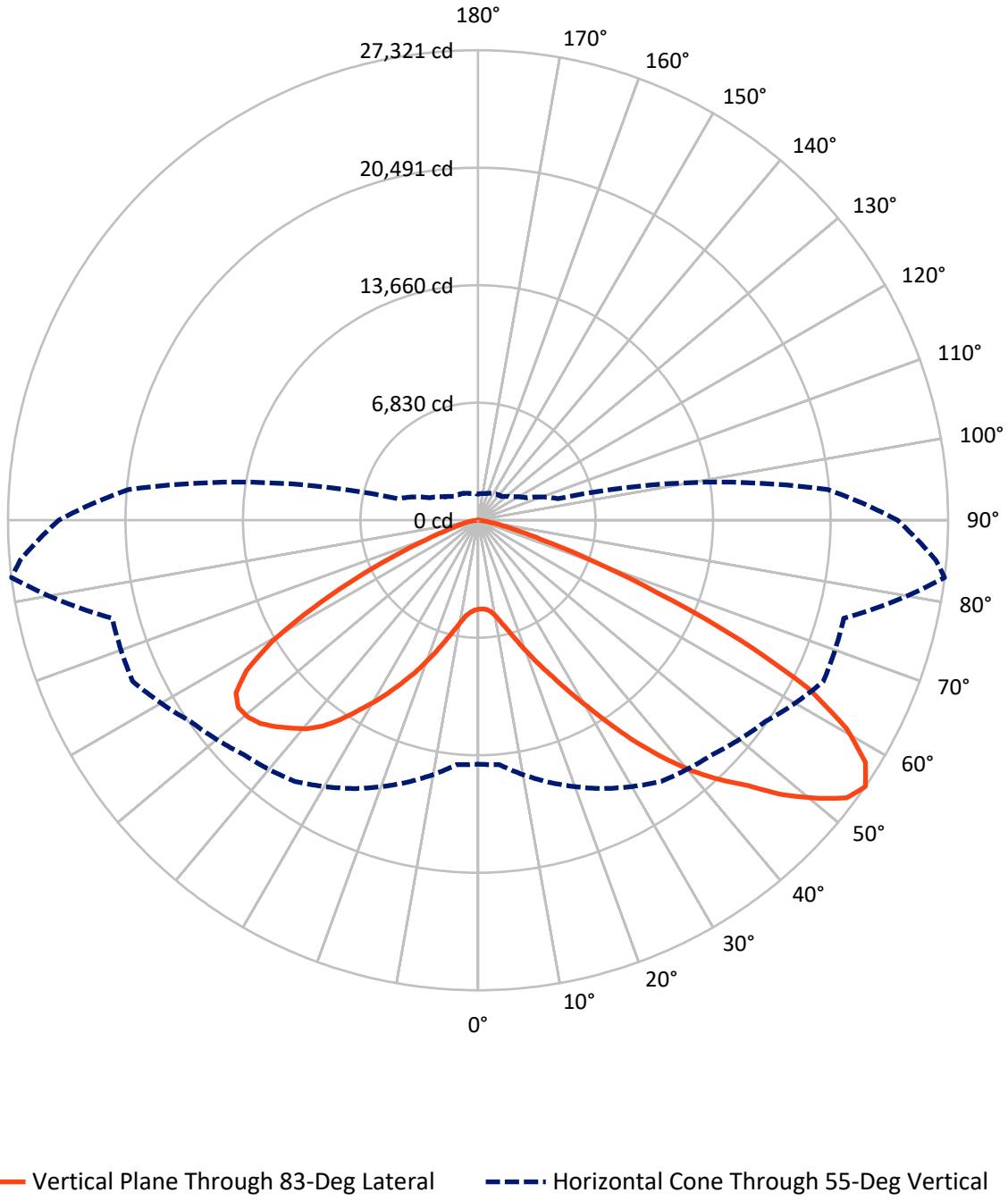
Based on 30 foot mounting height. Maximum calculated value = 9.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1501200
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Luminous Intensity Polar Plot



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Scaled Data Report

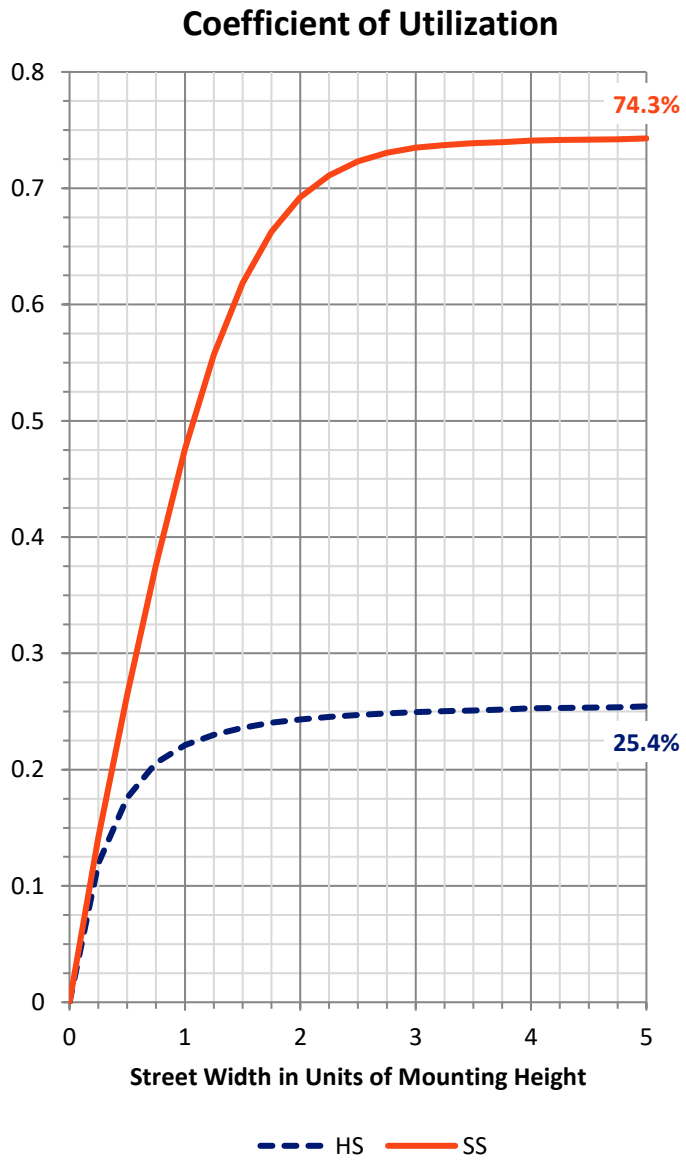
REPORT NUMBER: P1501200
CATALOG NUMBER: GSS-SB5D-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10719.2	0.0	10719.2
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	31051.5	0.0	31051.5
	% Fixture	74.3	0.0	74.3
Total	Lumens	41770.8	0.0	41770.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	499.6	1.2
10°-20°	1627.6	3.9
20°-30°	3258.4	7.8
30°-40°	5797.2	13.9
40°-50°	8736.1	20.9
50°-60°	10645.5	25.5
60°-70°	8608.4	20.6
70°-80°	2357.8	5.6
80°-90°	240.1	0.6
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°	41770.8	100.0
0°-180°	41770.8	100.0



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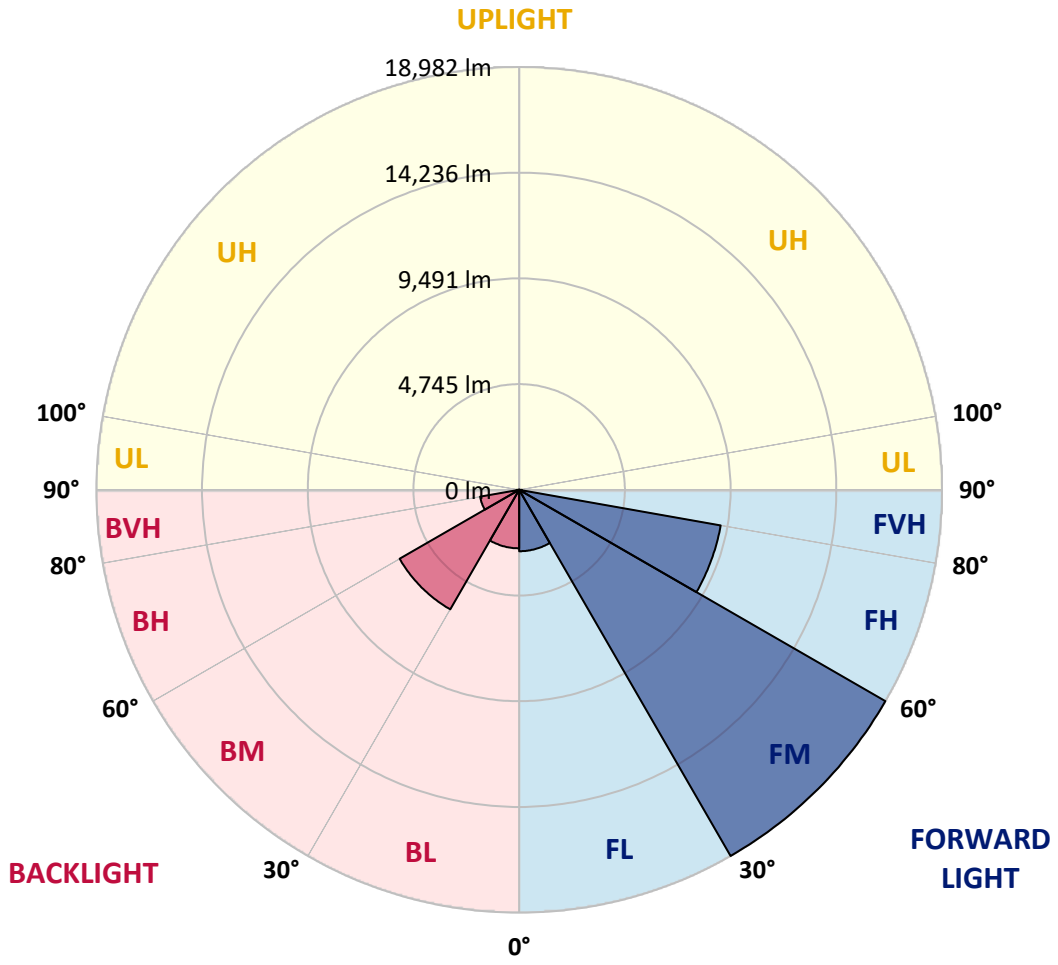
Scaled Data Report

REPORT NUMBER: P1501200
CATALOG NUMBER: GSS-SB5D-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2758.0	6.6			
FM	(30°-60°)	18981.9	45.4			
FH	(60°-80°)	9186.5	22.0			G4/12000
FVH	(80°-90°)	125.1	0.3			G2/225
BL	(0°-30°)	2627.6	6.3	B4/5000		
BM	(30°-60°)	6196.9	14.8	B4/8500		
BH	(60°-80°)	1779.7	4.3	B3/2500		G3/2500
BVH	(80°-90°)	115.1	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8	*5170.8*	5170.8
2.5°	5022.2	5013.0	5003.7	4994.4	5013.0	5040.8	5068.7	5087.2	5133.6	*5170.8*	5152.2
5°	4623.1	4604.5	4623.1	4697.3	4762.3	4873.7	4985.1	5059.4	5161.5	*5207.9*	5226.5
7.5°	4270.3	4251.7	4270.3	4363.1	4474.5	4650.9	4883.0	5068.7	5254.3	*5365.7*	5384.3
10°	4270.3	4279.6	4279.6	4316.7	4372.4	4548.8	4827.3	5180.1	5505.0	*5662.8*	5699.9
12.5°	4409.6	4409.6	4409.6	4456.0	4493.1	4632.3	4948.0	5384.3	5904.2	*6136.2*	6164.1
15°	4595.2	4585.9	4613.8	4641.6	4706.6	4845.9	5161.5	5681.4	6340.5	*6693.2*	6730.4
17.5°	4855.1	4836.6	4864.4	4929.4	5022.2	5180.1	5495.7	6089.8	6943.9	*7389.5*	7445.2
20°	5142.9	5133.6	5189.3	5291.5	5421.4	5616.4	5978.4	6581.8	7630.8	*8197.1*	8299.2
22.5°	5486.4	5467.8	5570.0	5755.6	5932.0	6154.8	6591.1	7222.4	8419.9	*9097.6*	9199.7
25°	5876.3	5876.3	6015.6	6238.4	6507.6	6906.8	7343.1	8039.3	9348.2	*10072.3*	10230.2
27.5°	6516.9	6563.3	6619.0	6851.1	7231.7	7770.1	8234.3	9023.3	10360.1	*11269.9*	11325.6
30°	7556.6	7538.0	7630.8	7788.7	8104.3	8670.6	9366.8	10211.6	11641.2	*12597.4*	12736.6
32.5°	8494.2	8522.0	8652.0	8949.1	9329.7	9812.4	10647.9	11687.6	13033.7	*14138.4*	14203.4
35°	9441.1	9459.6	9710.3	10155.9	10722.2	11260.6	12170.4	13191.5	14546.9	*15855.8*	16032.2
37.5°	10768.6	10750.0	11000.7	11381.3	12142.5	12978.0	13711.4	14686.1	15995.1	*17526.8*	17731.0
40°	11761.9	11864.0	12337.5	12820.2	13535.0	14398.3	15020.3	15939.4	17183.3	*19160.7*	19346.3
42.5°	12783.1	12866.6	13497.9	14222.0	14973.9	15558.8	16041.5	16895.5	18130.2	*20608.9*	20711.0
45°	13627.8	13739.2	14463.3	15382.4	16162.2	16756.3	16923.4	17721.8	19095.7	*22001.3*	22159.2
47.5°	14166.3	14286.9	15141.0	16217.9	17016.2	17647.5	17591.8	18715.1	20126.1	*23848.7*	23793.0
50°	14537.6	14611.9	15540.2	16691.3	17731.0	18148.8	18390.2	19838.3	21184.4	*25399.0*	25194.8
52.5°	14806.8	14927.5	15772.3	17034.8	18130.2	18677.9	19327.8	21138.0	21917.8	*26819.4*	26364.5
55°	*14175.5*	*14268.4*	*15753.7*	*17211.2*	*18538.7*	*19262.8*	*20395.3*	*22149.9*	*22010.6*	*27320.7*	*26708.0*
57.5°	13525.7	13600.0	14973.9	17164.8	18984.3	19986.9	21611.4	22279.8	21184.4	*26550.1*	25779.6
60°	12708.8	12764.5	14138.4	16672.7	18993.6	20553.2	22233.4	21332.9	19652.7	*24609.9*	23876.6
62.5°	11204.9	11204.9	12718.1	15345.2	18529.4	20840.9	22066.3	19541.3	17601.1	*21555.7*	20543.9
65°	9719.6	9654.6	10675.8	12978.0	17294.7	20766.7	20813.1	17276.2	14416.9	*16626.3*	15837.3
67.5°	8104.3	8113.6	8717.0	10536.5	14008.4	19216.4	18167.4	13349.3	10044.5	*11195.6*	10787.2
70°	5486.4	5625.7	6238.4	7649.4	10564.4	13618.6	14463.3	9041.9	6266.2	*6953.2*	6619.0
72.5°	2088.7	2116.6	2831.4	4010.4	6674.7	8187.8	10090.9	5059.4	3666.9	*3834.0*	3852.6
75°	881.9	919.0	1206.8	1689.6	2961.4	4465.3	5310.0	2562.2	2228.0	*2293.0*	2274.4
77.5°	594.1	612.7	733.4	909.8	1336.8	1791.7	2218.7	1448.2	1364.6	*1281.1*	1244.0
80°	445.6	445.6	529.1	612.7	751.9	919.0	965.5	733.4	816.9	*677.7*	659.1
82.5°	287.8	306.3	334.2	362.0	427.0	454.9	389.9	399.2	473.4	*352.8*	334.2
85°	139.2	148.5	157.8	167.1	167.1	157.8	139.2	176.4	241.4	*148.5*	139.2
87.5°	18.6	18.6	18.6	18.6	18.6	18.6	9.3	9.3	9.3	*9.3*	9.3
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: P1501200
CATALOG NUMBER: GSS-SB5D-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8	5170.8
2.5°	5180.1	5217.2	5245.0	5263.6	5310.0	5300.7	5328.6	5347.2	5365.7	5393.6	5356.4
5°	5272.9	5337.9	5412.1	5467.8	5523.5	5551.4	5560.7	5579.2	5588.5	5607.1	5597.8
7.5°	5477.1	5551.4	5662.8	5718.5	5764.9	5764.9	5737.1	5727.8	5699.9	5718.5	5718.5
10°	5820.6	5932.0	6052.7	6062.0	6006.3	5941.3	5839.2	5783.5	5709.2	5690.6	5672.1
12.5°	6321.9	6470.4	6563.3	6498.3	6303.3	6062.0	5792.8	5542.1	5347.2	5263.6	5245.0
15°	6888.2	7073.8	7092.4	6906.8	6554.0	5969.1	5402.9	5124.4	5022.2	5022.2	5013.0
17.5°	7668.0	7797.9	7723.7	7278.1	6489.0	5532.8	5124.4	5077.9	5105.8	5142.9	5142.9
20°	8484.9	8633.4	8327.1	7538.0	6089.8	5272.9	5152.2	5189.3	5254.3	5291.5	5282.2
22.5°	9459.6	9533.9	8939.8	7547.3	5662.8	5207.9	5207.9	5254.3	5300.7	5356.4	5356.4
25°	10462.2	10434.4	9506.1	7203.8	5421.4	5189.3	5170.8	5207.9	5226.5	5254.3	5245.0
27.5°	11585.5	11437.0	9942.4	6656.1	5347.2	5133.6	5040.8	5003.7	5022.2	5050.1	5059.4
30°	12875.9	12523.1	10295.1	6312.6	5319.3	5003.7	4780.9	4678.8	4660.2	4697.3	4697.3
32.5°	14370.5	13609.3	10508.7	6266.2	5291.5	4771.6	4474.5	4279.6	4242.5	4261.0	4307.4
35°	15902.2	14918.2	10453.0	6386.9	5300.7	4585.9	4149.6	3889.7	3852.6	3871.1	3917.5
37.5°	17508.2	16162.2	10239.4	6572.6	5226.5	4335.3	3852.6	3536.9	3481.2	3518.4	3536.9
40°	18752.2	17211.2	9710.3	6646.8	5096.5	4019.7	3509.1	3239.9	3091.3	3082.0	3128.5
42.5°	19903.3	18037.4	9134.7	6526.1	4827.3	3685.5	3156.3	2887.1	2655.0	2478.6	2478.6
45°	21054.4	18872.9	8549.9	6182.7	4381.7	3332.7	2785.0	2422.9	2153.7	2023.8	2033.0
47.5°	22205.6	19680.5	7853.6	5662.8	3936.1	2961.4	2385.8	2098.0	1912.4	1810.2	1810.2
50°	23273.1	20265.4	6962.4	4836.6	3425.5	2590.0	2107.3	1940.2	1801.0	1708.1	1689.6
52.5°	24210.8	20655.3	5755.6	3834.0	2868.5	2172.3	1958.8	1828.8	1726.7	1624.6	1596.7
55°	*24377.9*	*20395.3*	*4818.0*	*3082.0*	*2367.2*	*1949.5*	*1847.4*	*1736.0*	*1596.7*	*1550.3*	*1522.5*
57.5°	23347.4	19021.4	4066.1	2599.3	2023.8	1791.7	1754.5	1624.6	1513.2	1466.8	1438.9
60°	21592.9	16524.2	3360.5	2228.0	1801.0	1643.1	1689.6	1559.6	1383.2	1355.4	1327.5
62.5°	18436.6	12894.5	2682.9	1875.2	1633.9	1531.7	1578.2	1392.5	1244.0	1206.8	1197.5
65°	14333.4	9227.6	2255.8	1652.4	1503.9	1420.3	1401.8	1234.7	1123.3	1095.4	1095.4
67.5°	10007.4	5867.0	1884.5	1513.2	1336.8	1281.1	1271.8	1160.4	1086.1	1058.3	1058.3
70°	6127.0	3555.5	1587.4	1383.2	1179.0	1076.9	1141.8	1123.3	1011.9	984.0	974.7
72.5°	3184.2	2125.9	1392.5	1271.8	993.3	919.0	1021.2	1030.4	937.6	974.7	965.5
75°	1847.4	1476.0	1216.1	1123.3	789.1	770.5	891.2	984.0	909.8	937.6	919.0
77.5°	1058.3	946.9	937.6	919.0	622.0	631.3	798.4	881.9	779.8	807.6	742.7
80°	584.8	612.7	649.8	575.6	436.3	492.0	640.5	705.5	594.1	584.8	538.4
82.5°	306.3	380.6	436.3	371.3	250.6	297.1	436.3	436.3	380.6	362.0	352.8
85°	139.2	157.8	204.2	185.7	92.8	111.4	204.2	222.8	194.9	176.4	167.1
87.5°	9.3	9.3	9.3	9.3	9.3	9.3	18.6	27.8	9.3	9.3	9.3
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

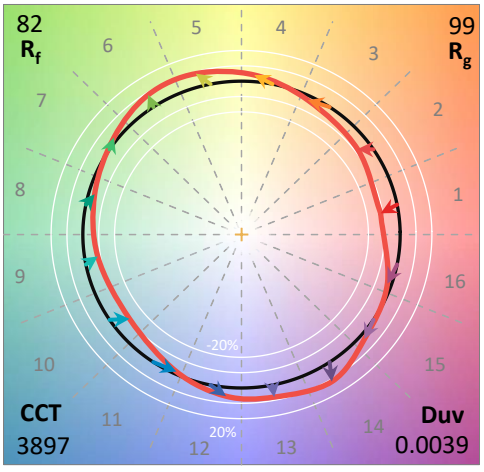
Test Information

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

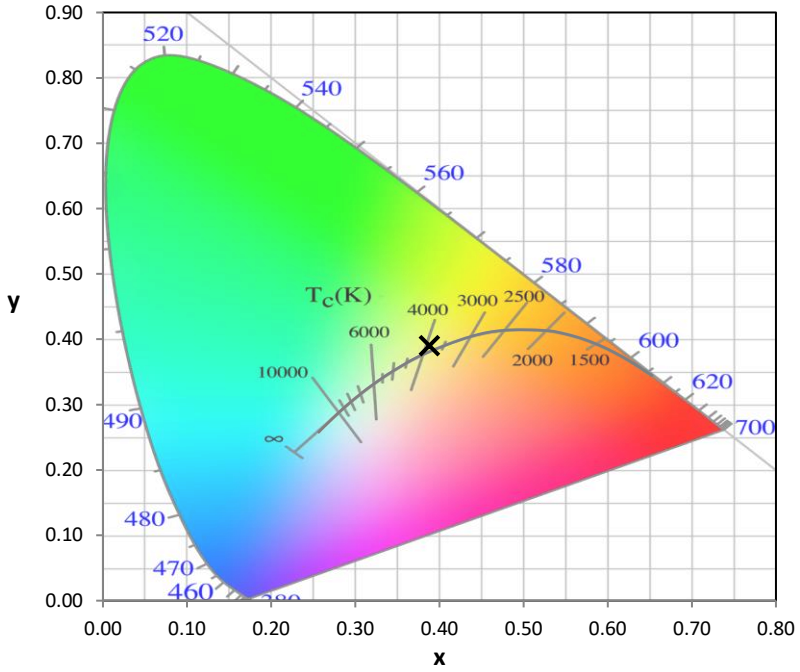
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

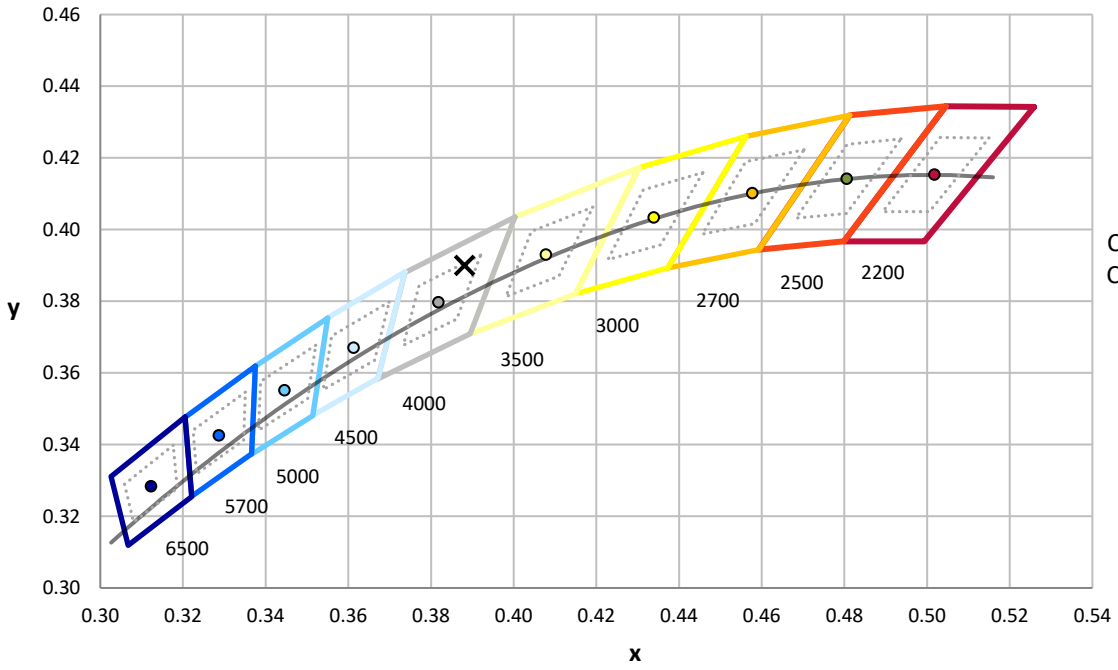
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

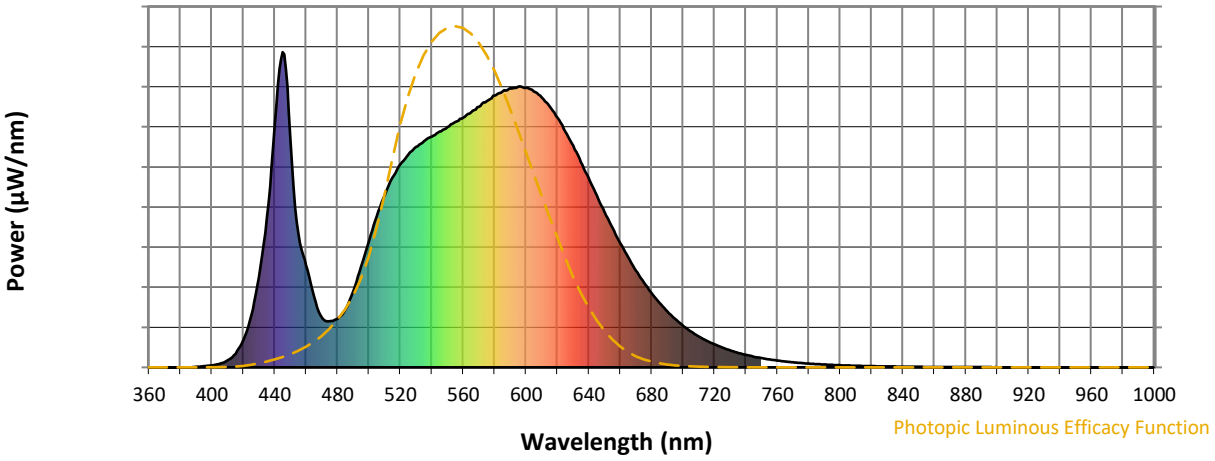


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

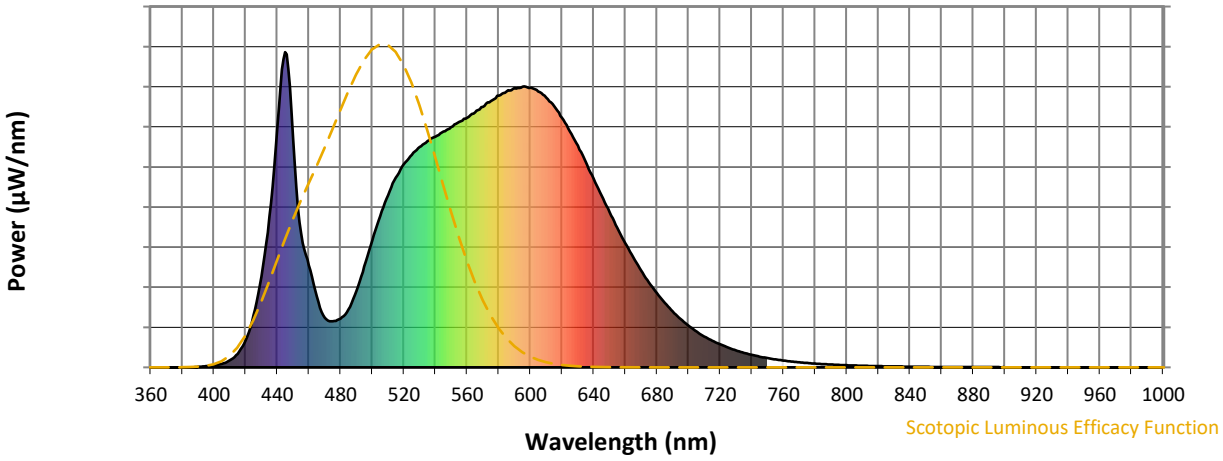


Photopic Lumens: NR

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

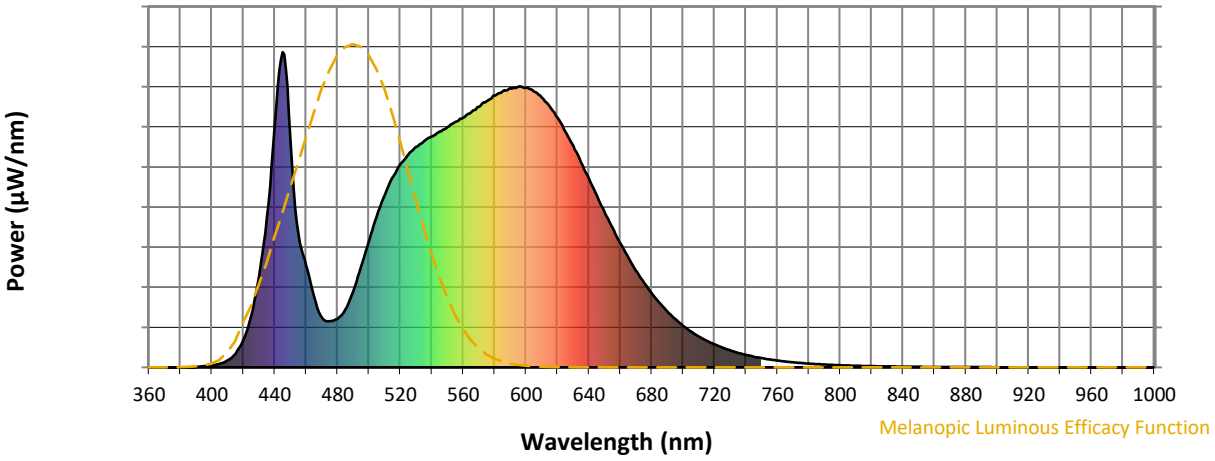


Scotopic Lumens: NR **S/P: 1.57**

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			

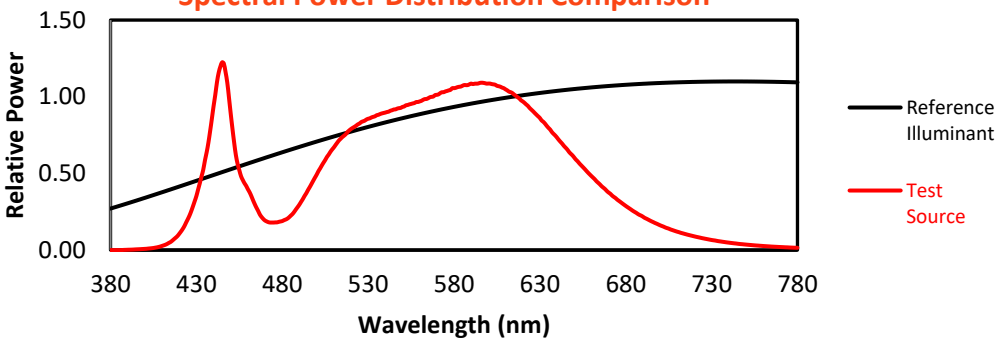
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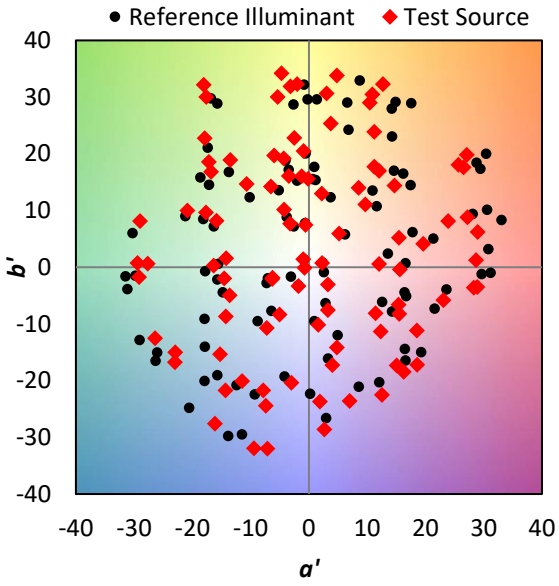
Summary

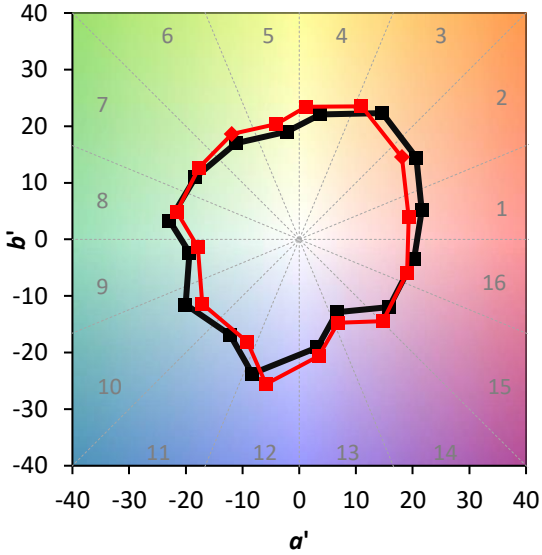
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

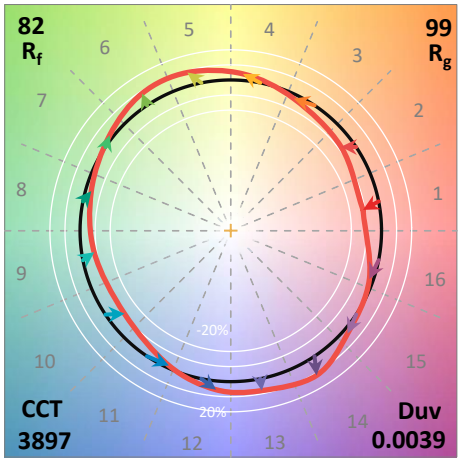
Spectral Power Distribution Comparison

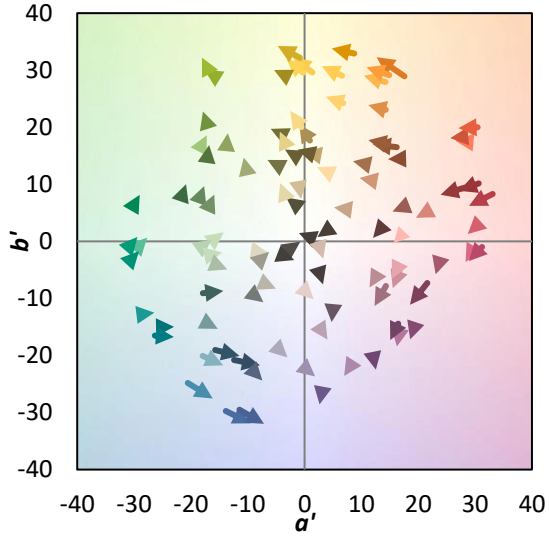


Color Vector Graphics







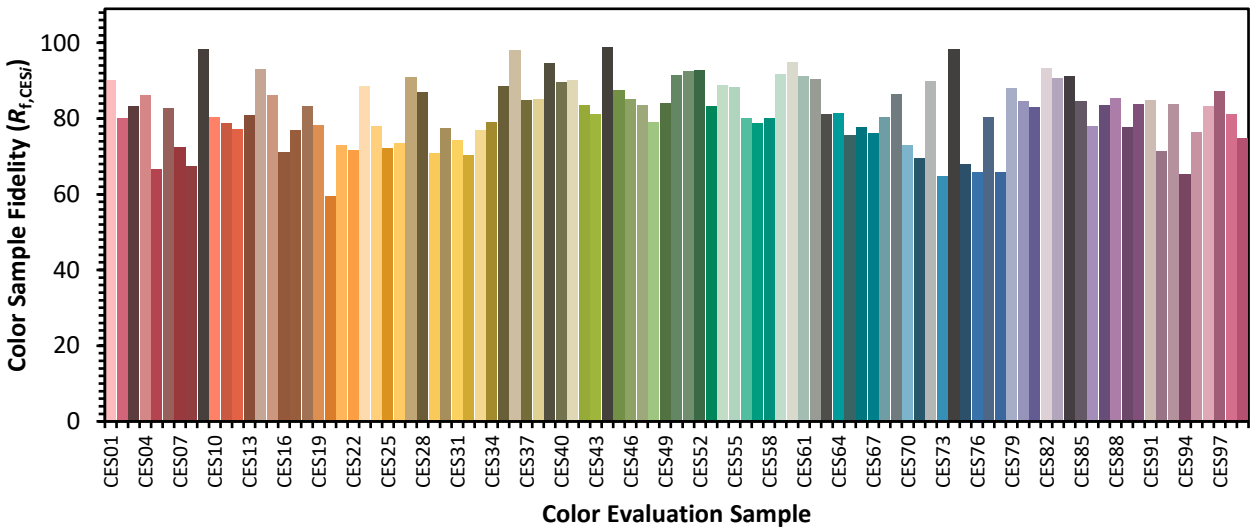


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Individual Sample Fidelity Index ($R_{f,i}$)

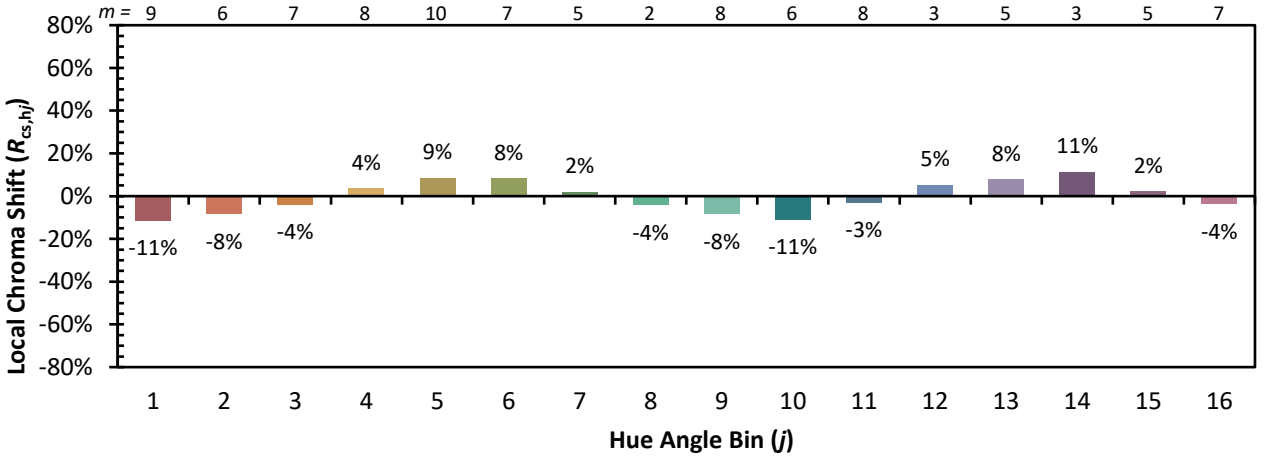
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

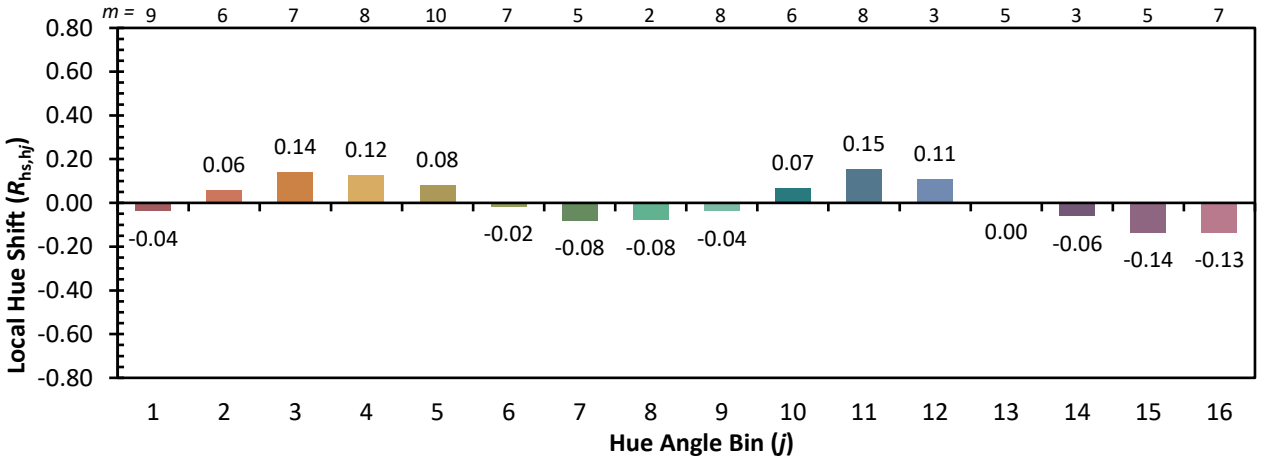


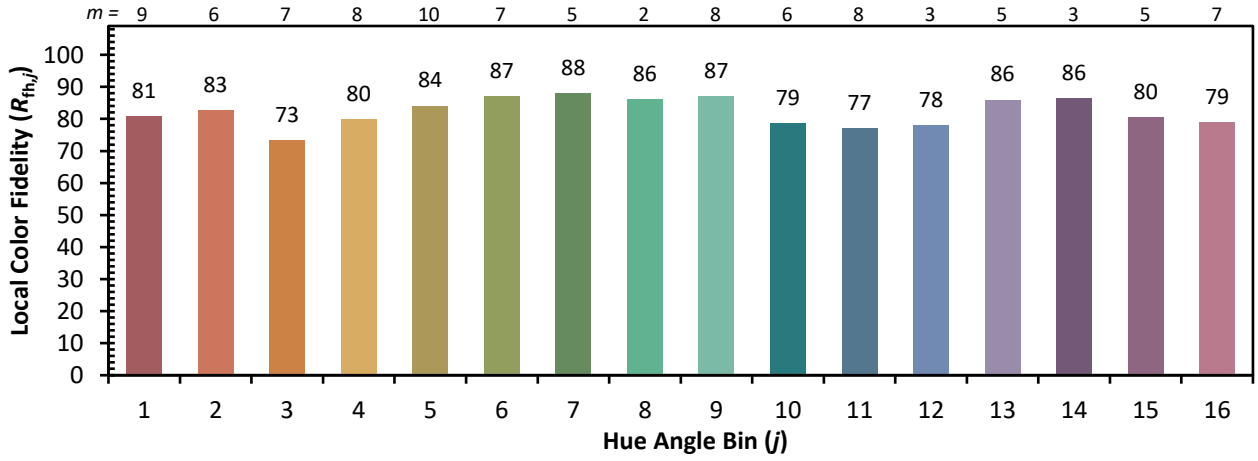
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Color Rendition by Hue-Angle Bin



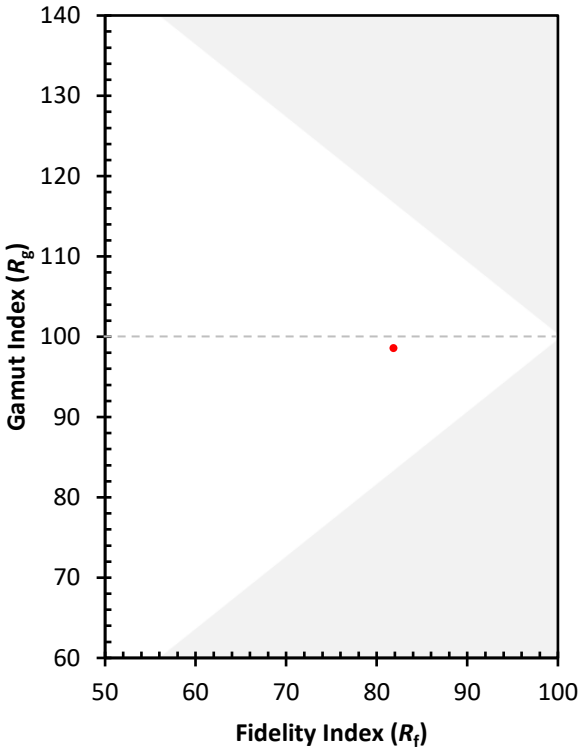


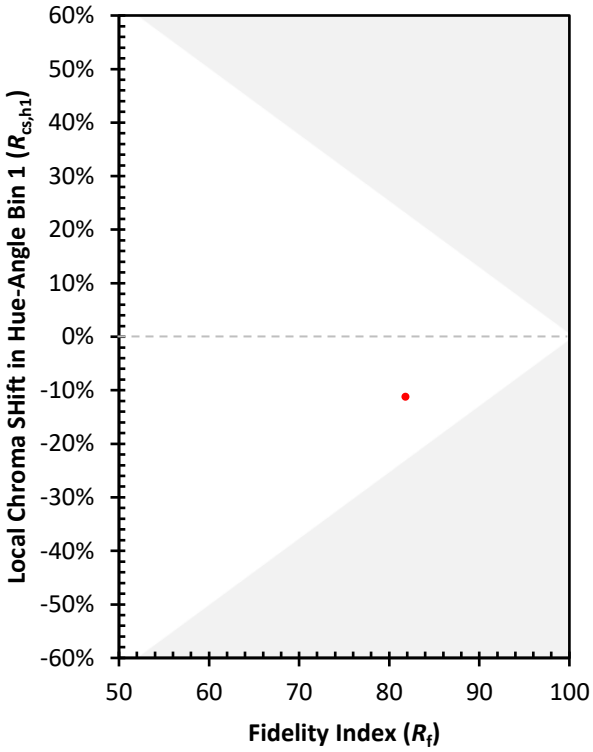


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Measure Comparisons





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