Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1502334

Luminaire Tested: GSS-SB1B-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:	P1502334
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-840-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4107.6 lumens
Efficiency:	N/A
Efficacy:	102.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

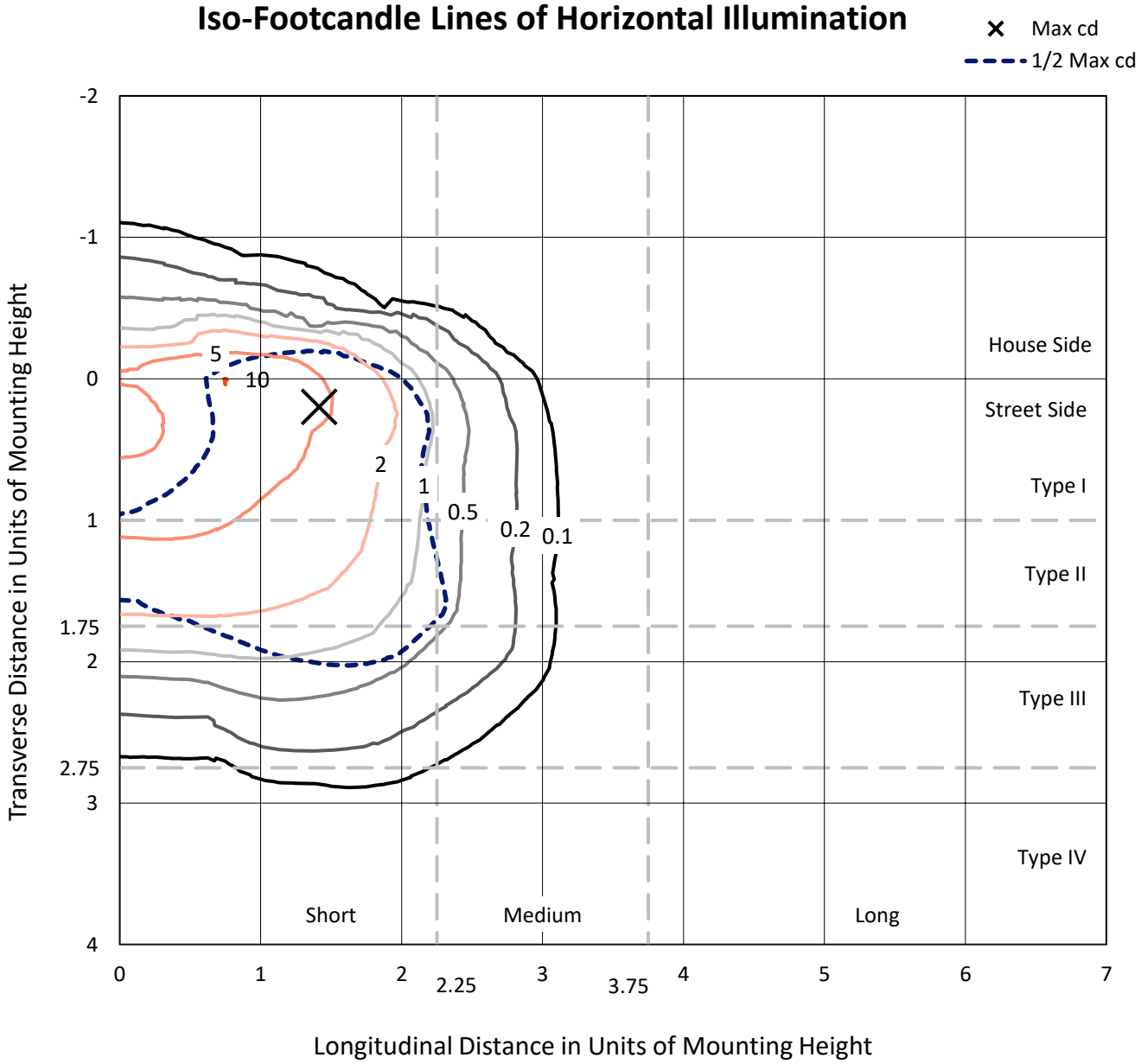
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502334
CATALOG NUMBER: GSS-SB1B-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



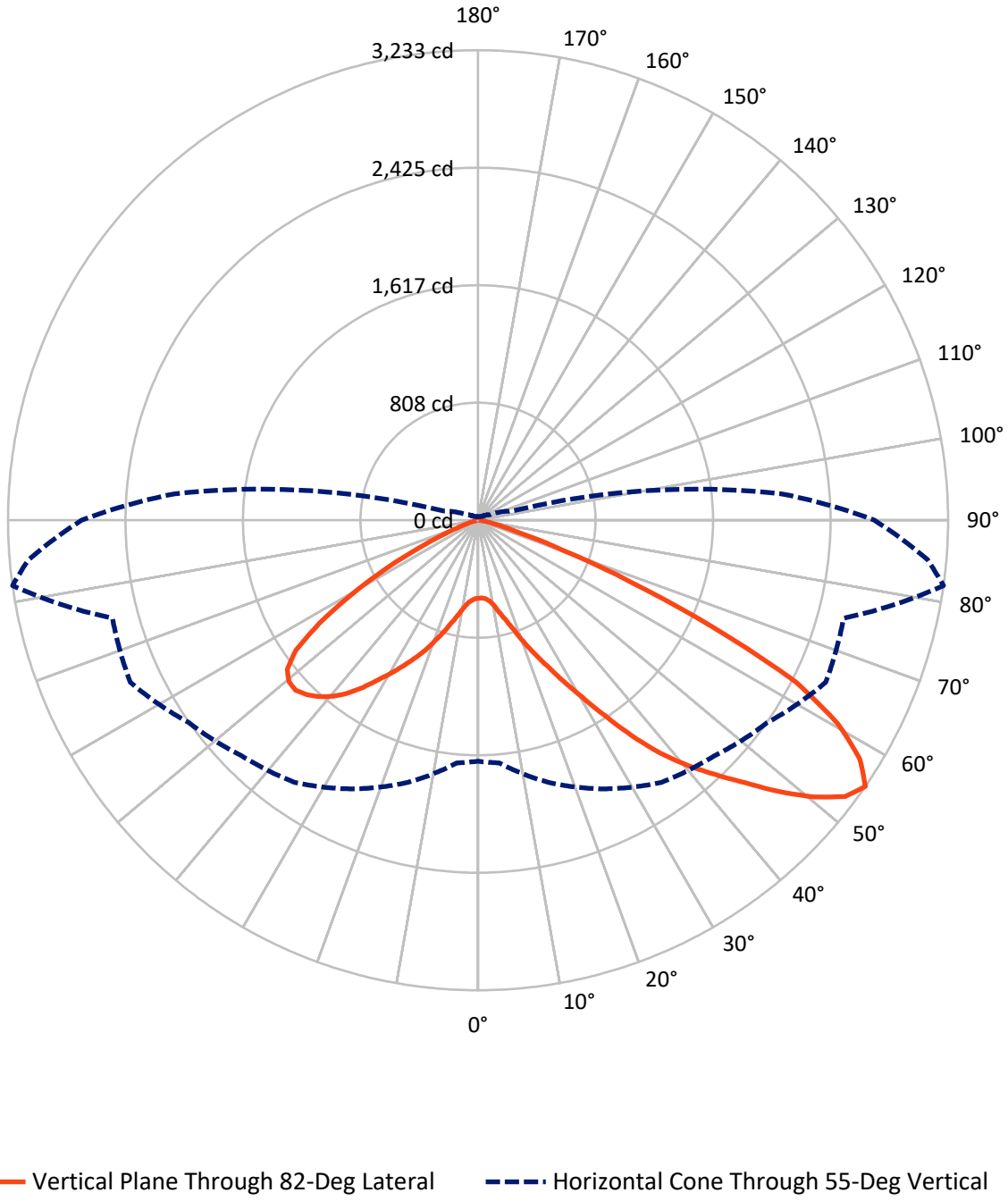
Based on 10 foot mounting height. Maximum calculated value = 10 fc
Type III - Short - N/A

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REPORT NUMBER: P1502334
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Luminous Intensity Polar Plot



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Scaled Data Report

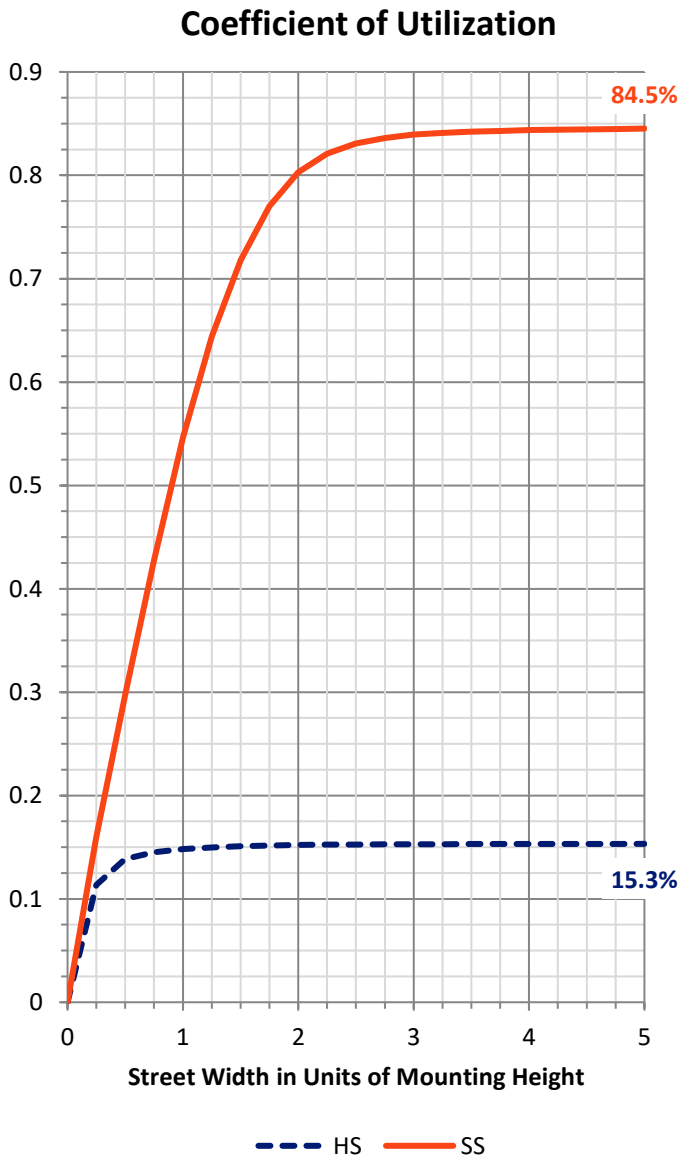
REPORT NUMBER: P1502334
CATALOG NUMBER: GSS-SB1B-840-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	634.9	0.0	634.9
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	3472.7	0.0	3472.7
	% Fixture	84.5	0.0	84.5
Total	Lumens	4107.6	0.0	4107.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.6	1.2
10°-20°	131.6	3.2
20°-30°	263.1	6.4
30°-40°	544.7	13.3
40°-50°	910.0	22.2
50°-60°	1154.2	28.1
60°-70°	862.8	21.0
70°-80°	182.8	4.4
80°-90°	9.8	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°	4107.6	100.0
0°-180°	4107.6	100.0



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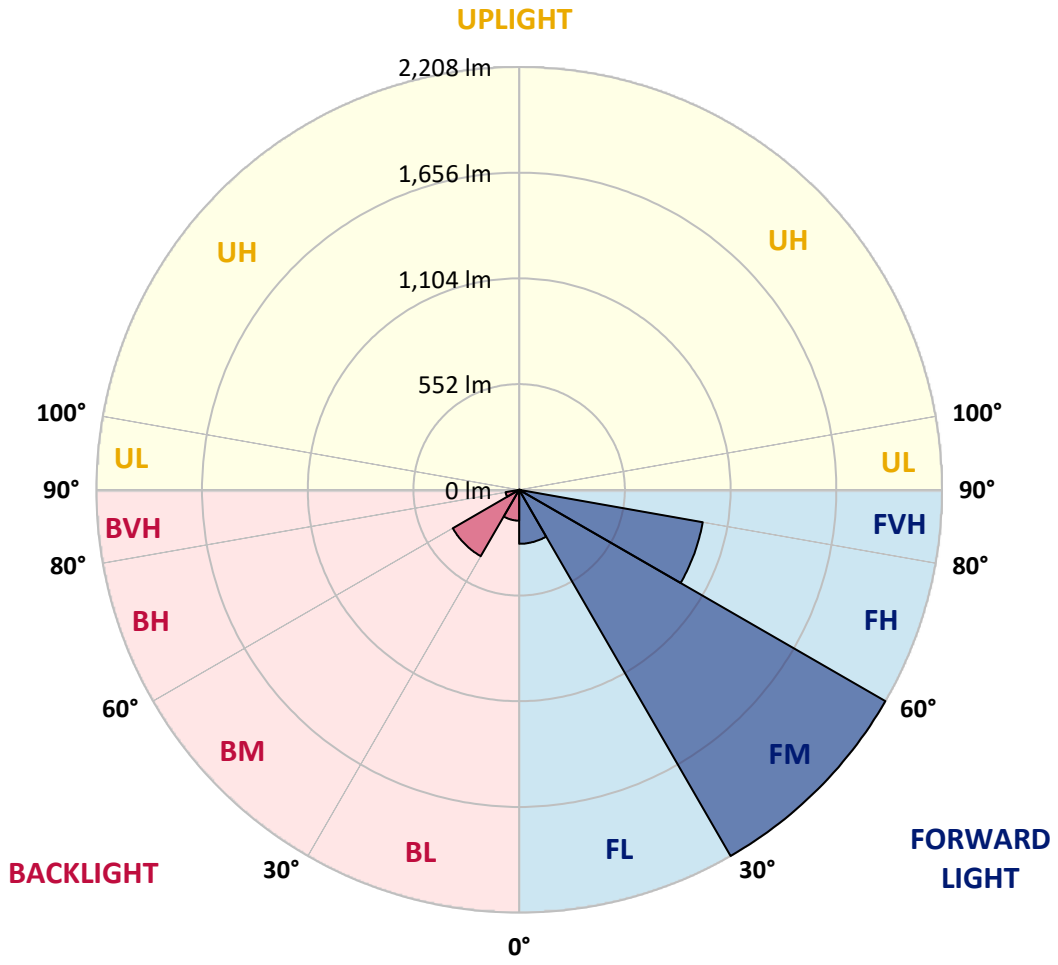
Scaled Data Report

REPORT NUMBER: P1502334
CATALOG NUMBER: GSS-SB1B-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°)	282.1	6.9			
FM	(30°-60°)	2208.3	53.8			
FH	(60°-80°)	973.5	23.7			G1/1800
FVH	(80°-90°)	8.8	0.2			G0/10
BL	(0°-30°)	161.2	3.9	B1/500		
BM	(30°-60°)	400.6	9.8	B1/1000		
BH	(60°-80°)	72.1	1.8	B0/110		G0/110
BVH	(80°-90°)	1.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	536.2	536.2	536.2	536.2	536.2	536.2	536.2	536.2	536.2	*536.2*	536.2
2.5°	521.7	522.9	520.6	521.7	524.0	522.9	527.3	530.7	534.0	*535.1*	536.2
5°	476.0	477.2	478.3	487.2	492.8	506.1	518.4	526.2	537.4	*542.9*	544.0
7.5°	421.4	421.4	425.9	437.0	451.5	477.2	505.0	527.3	548.5	*559.7*	561.9
10°	411.4	412.5	412.5	420.3	432.6	458.2	493.9	538.5	576.4	*593.1*	598.7
12.5°	413.6	414.7	415.8	423.6	435.9	458.2	503.9	561.9	621.0	*648.8*	652.2
15°	419.2	421.4	424.8	434.8	448.2	477.2	525.1	595.3	674.5	*710.2*	719.1
17.5°	435.9	437.0	442.6	453.7	474.9	503.9	556.3	638.8	749.2	*788.2*	804.9
20°	461.5	463.8	471.6	487.2	511.7	548.5	606.5	695.7	829.4	*889.6*	903.0
22.5°	493.9	493.9	505.0	529.6	564.1	605.4	675.6	771.5	927.6	*997.8*	1020.1
25°	547.4	546.3	555.2	583.1	624.3	684.5	755.9	861.8	1030.1	*1113.7*	1137.1
27.5°	670.0	666.7	663.3	664.4	700.1	777.0	859.5	975.5	1157.2	*1255.3*	1273.2
30°	812.7	817.2	812.7	801.6	807.1	878.5	981.1	1114.8	1299.9	*1410.3*	1433.7
32.5°	937.6	939.8	958.8	971.0	975.5	1008.9	1121.5	1283.2	1481.6	*1602.0*	1632.1
35°	1073.6	1076.9	1098.1	1123.8	1163.9	1194.0	1297.7	1478.3	1666.7	*1818.3*	1840.6
37.5°	1231.9	1237.5	1265.4	1302.1	1357.9	1427.0	1482.7	1655.5	1855.1	*2030.1*	2053.5
40°	1371.3	1389.1	1437.0	1483.9	1542.9	1621.0	1657.8	1810.5	1994.5	*2217.4*	2256.5
42.5°	1502.8	1512.8	1589.8	1662.2	1732.5	1796.0	1831.7	1932.0	2118.2	*2391.3*	2434.8
45°	1612.1	1619.9	1705.7	1801.6	1888.6	1952.1	1957.7	2050.2	2240.8	*2575.3*	2608.7
47.5°	1679.0	1691.2	1801.6	1910.8	2006.7	2065.8	2056.9	2200.7	2374.6	*2789.3*	2793.8
50°	1719.1	1726.9	1839.5	1981.1	2099.3	2140.5	2159.5	2344.5	2496.1	*2992.3*	2965.5
52.5°	1748.1	1760.3	1870.7	2021.2	2153.9	2209.6	2277.6	2506.2	2592.0	*3158.4*	3087.0
55°	*1657.8*	*1675.6*	*1866.3*	*2039.1*	*2200.7*	*2294.4*	*2428.1*	*2638.8*	*2603.2*	*3233.1*	*3102.6*
57.5°	1556.3	1559.7	1748.1	2033.5	2253.1	2383.5	2566.4	2648.9	2499.5	*3097.0*	2944.3
60°	1406.9	1427.0	1619.9	1961.0	2262.0	2454.9	2660.0	2527.4	2310.0	*2845.1*	2615.4
62.5°	987.8	1019.0	1270.9	1770.4	2198.5	2493.9	2644.4	2315.5	2072.5	*2456.0*	2198.5
65°	553.0	579.7	786.0	1428.1	2023.4	2485.0	2483.9	2032.4	1691.2	*1774.8*	1571.9
67.5°	303.2	324.4	408.0	1074.7	1605.4	2294.4	2146.1	1550.8	1133.8	*1127.1*	981.1
70°	211.8	212.9	257.5	725.8	1153.9	1600.9	1677.8	1040.2	703.5	*622.1*	525.1
72.5°	103.7	104.8	128.2	342.3	705.7	887.4	1150.5	540.7	394.7	*308.8*	263.1
75°	52.4	51.3	70.2	128.2	292.1	432.6	507.3	270.9	229.7	*169.5*	150.5
77.5°	33.4	34.6	41.2	70.2	131.6	168.3	156.1	147.2	134.9	*99.2*	85.8
80°	22.3	22.3	27.9	44.6	64.7	80.3	47.9	68.0	79.2	*58.0*	50.2
82.5°	6.7	6.7	16.7	24.5	31.2	32.3	21.2	31.2	44.6	*32.3*	24.5
85°	4.5	4.5	8.9	12.3	13.4	11.1	6.7	13.4	21.2	*14.5*	12.3
87.5°	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	*1.1*	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: P1502334
CATALOG NUMBER: GSS-SB1B-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	536.2	536.2	536.2	536.2	536.2	536.2	536.2	536.2	536.2	536.2	536.2
2.5°	537.4	538.5	541.8	542.9	545.2	546.3	546.3	546.3	545.2	546.3	548.5
5°	546.3	551.8	556.3	555.2	555.2	549.6	545.2	536.2	531.8	530.7	531.8
7.5°	568.6	573.0	577.5	570.8	554.1	528.4	500.6	478.3	459.3	450.4	453.7
10°	608.7	614.3	614.3	583.1	536.2	476.0	425.9	384.6	353.4	336.7	344.5
12.5°	666.7	671.1	660.0	594.2	505.0	405.8	322.2	253.1	212.9	192.9	188.4
15°	733.6	740.3	702.4	592.0	456.0	303.2	200.7	150.5	136.0	131.6	132.7
17.5°	819.4	822.8	749.2	574.1	371.2	198.4	142.7	128.2	124.9	122.6	122.6
20°	925.3	915.3	787.1	544.0	270.9	156.1	131.6	120.4	117.1	115.9	117.1
22.5°	1039.0	1023.4	818.3	487.2	205.1	147.2	126.0	113.7	109.3	108.1	108.1
25°	1158.3	1122.7	842.8	403.6	191.8	144.9	119.3	103.7	99.2	97.0	97.0
27.5°	1294.3	1233.0	856.2	337.8	195.1	141.6	111.5	94.8	88.1	85.8	85.8
30°	1444.8	1355.7	857.3	324.4	201.8	137.1	103.7	84.7	78.0	74.7	75.8
32.5°	1627.7	1480.5	854.0	345.6	206.2	133.8	94.8	74.7	69.1	65.8	65.8
35°	1817.2	1632.1	840.6	385.7	208.5	123.7	83.6	65.8	59.1	58.0	59.1
37.5°	2005.6	1776.0	821.6	408.0	197.3	101.5	68.0	56.9	52.4	52.4	52.4
40°	2177.3	1900.8	796.0	389.1	157.2	73.6	55.7	49.1	46.8	45.7	46.8
42.5°	2305.5	2012.3	749.2	327.8	111.5	59.1	49.1	43.5	41.2	41.2	42.4
45°	2446.0	2119.3	658.9	240.8	84.7	51.3	42.4	37.9	36.8	36.8	37.9
47.5°	2587.6	2205.2	571.9	160.5	73.6	45.7	37.9	34.6	33.4	32.3	33.4
50°	2695.7	2246.4	458.2	117.1	66.9	41.2	34.6	32.3	30.1	29.0	29.0
52.5°	2772.6	2235.3	335.6	100.3	61.3	37.9	32.3	30.1	26.8	26.8	26.8
55°	*2725.8*	*2092.6*	*241.9*	*90.3*	*56.9*	*35.7*	*31.2*	*27.9*	*25.6*	*24.5*	*24.5*
57.5°	2498.4	1783.8	175.0	81.4	50.2	33.4	30.1	26.8	23.4	22.3	22.3
60°	2171.7	1389.1	130.4	71.4	43.5	32.3	26.8	25.6	22.3	20.1	20.1
62.5°	1774.8	1011.2	101.5	61.3	39.0	27.9	25.6	23.4	20.1	17.8	16.7
65°	1231.9	645.5	78.0	50.2	36.8	24.5	23.4	20.1	16.7	13.4	13.4
67.5°	760.3	383.5	60.2	39.0	29.0	21.2	20.1	17.8	14.5	11.1	11.1
70°	420.3	202.9	41.2	29.0	22.3	16.7	15.6	15.6	12.3	10.0	8.9
72.5°	201.8	110.4	27.9	24.5	16.7	11.1	12.3	12.3	10.0	7.8	7.8
75°	121.5	65.8	19.0	19.0	11.1	8.9	8.9	10.0	7.8	5.6	5.6
77.5°	69.1	39.0	11.1	14.5	7.8	5.6	6.7	5.6	4.5	3.3	3.3
80°	39.0	22.3	6.7	10.0	4.5	3.3	3.3	2.2	2.2	1.1	1.1
82.5°	19.0	12.3	3.3	3.3	2.2	1.1	1.1	1.1	1.1	0.0	0.0
85°	8.9	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	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

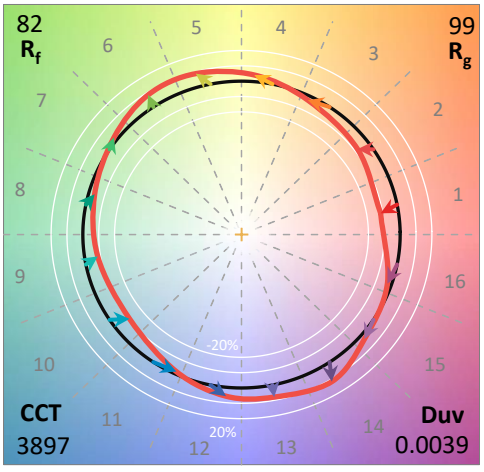
Test Information

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

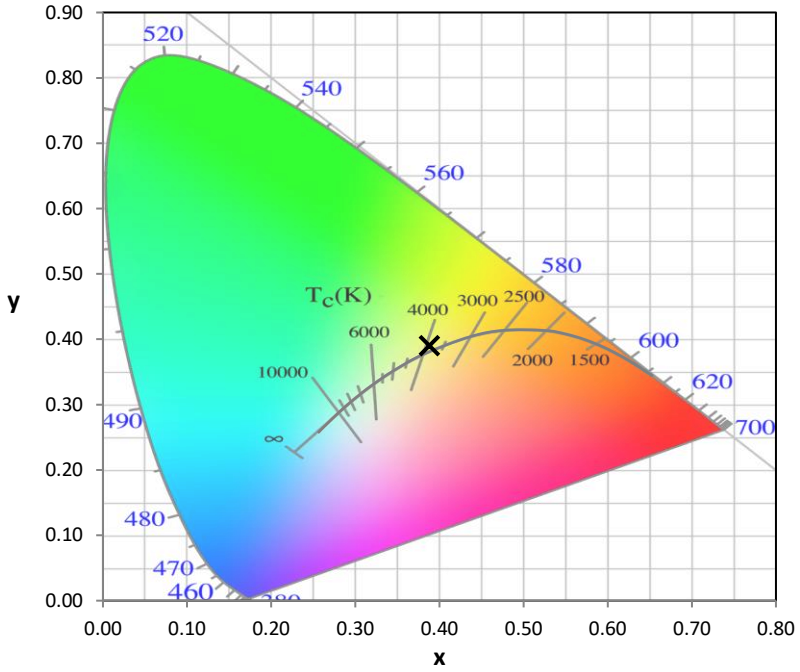
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

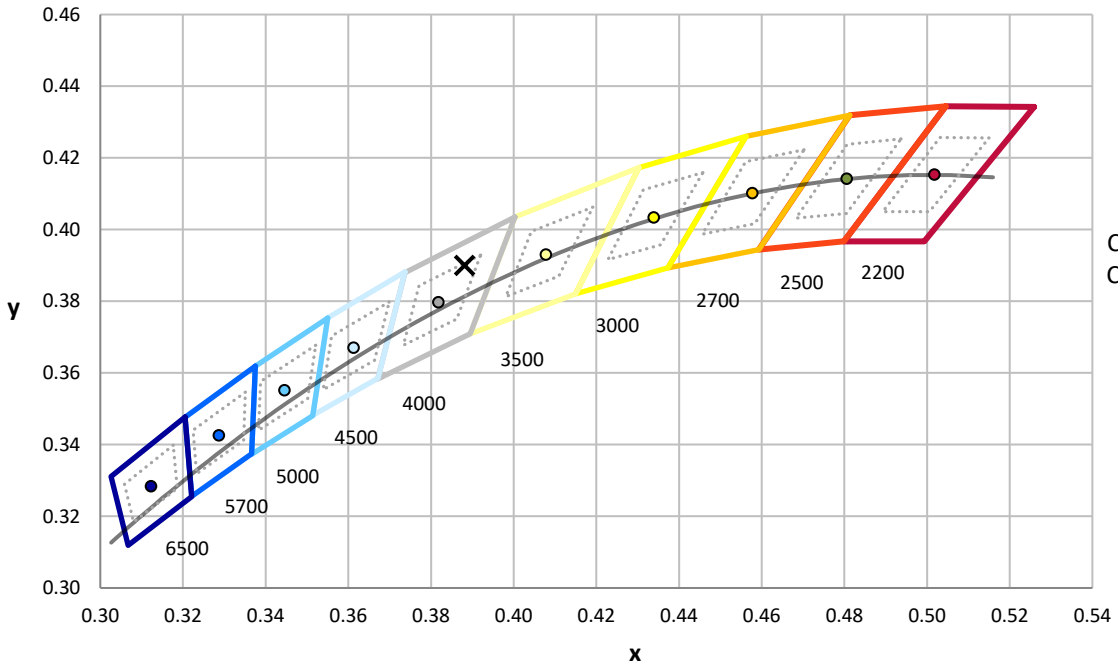
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

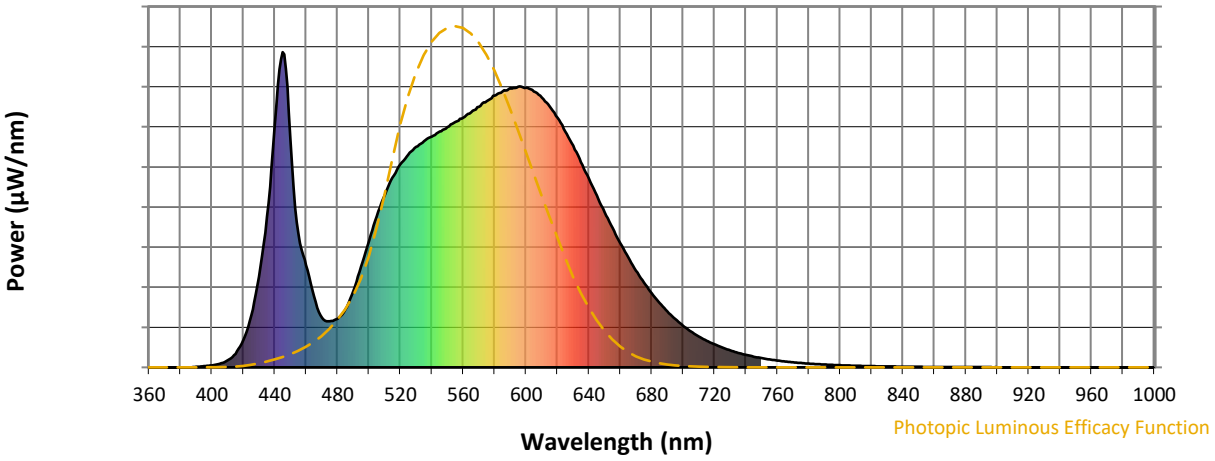


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

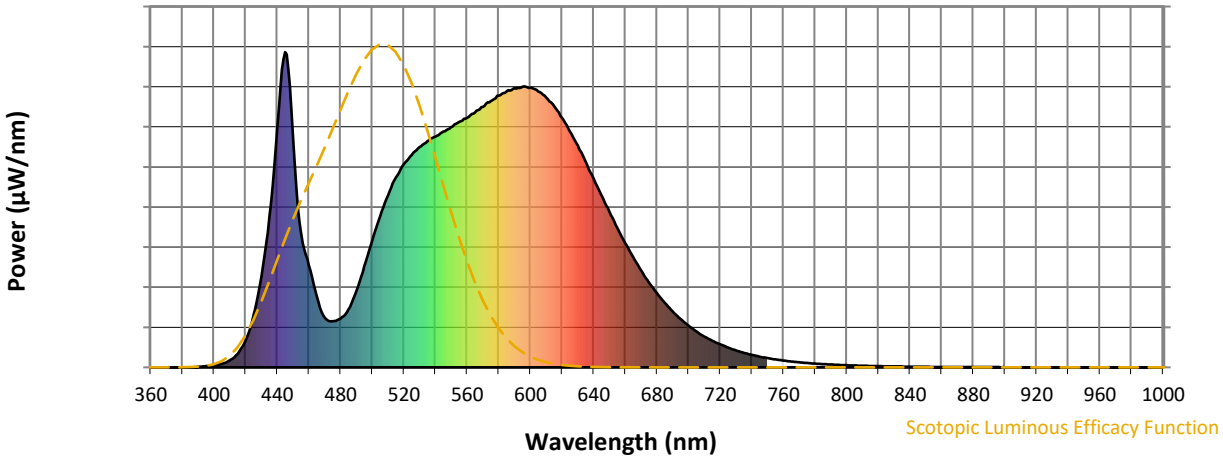


Photopic Lumens: NR

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

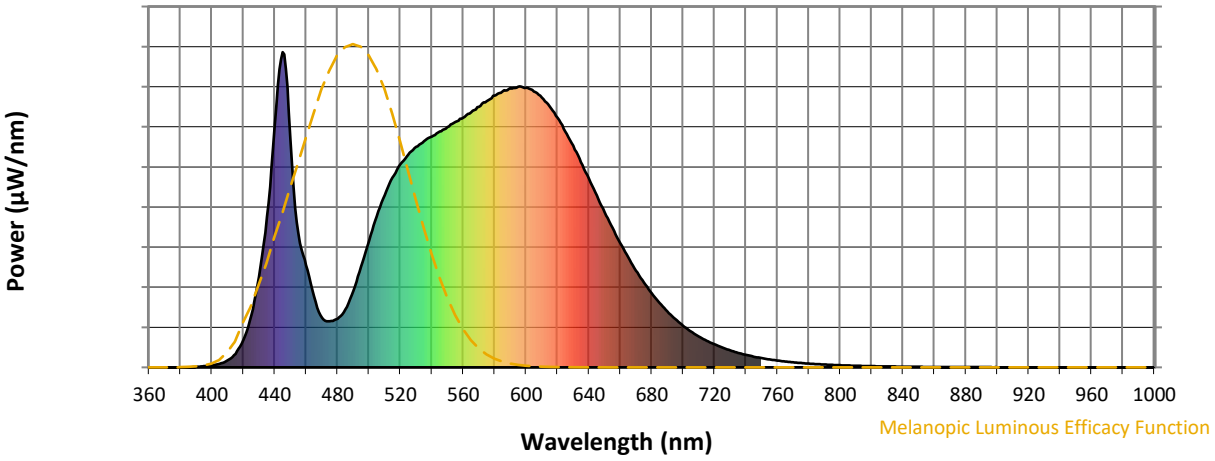


Scotopic Lumens: NR **S/P: 1.57**

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			

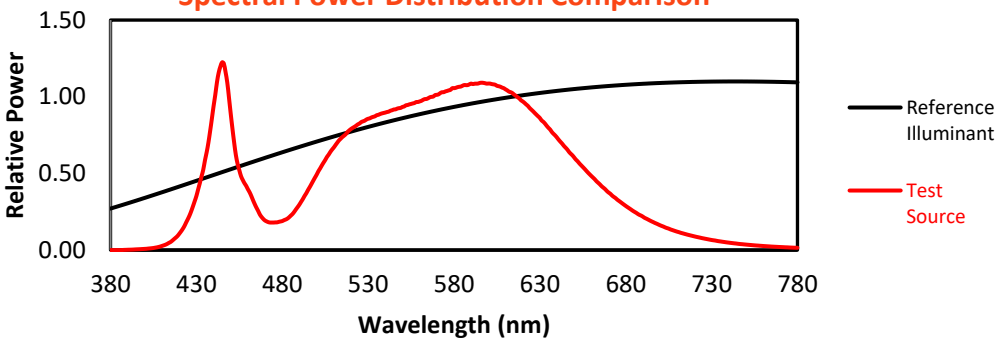
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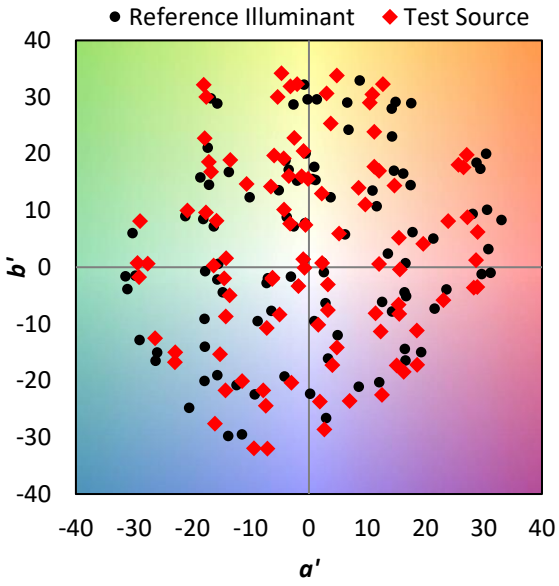
Summary

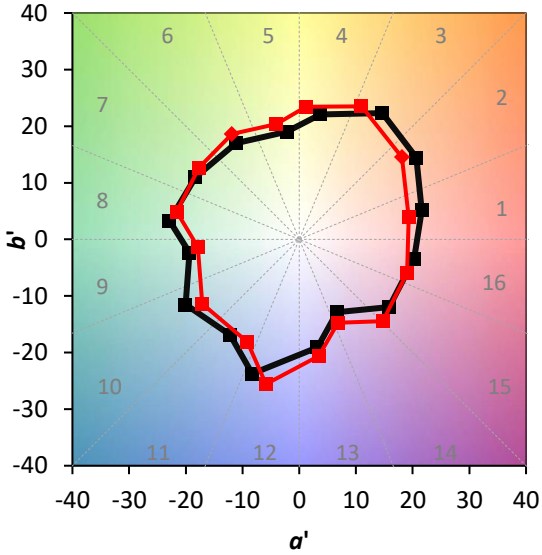
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

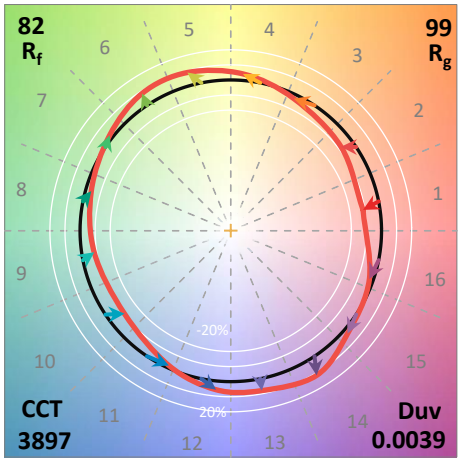
Spectral Power Distribution Comparison

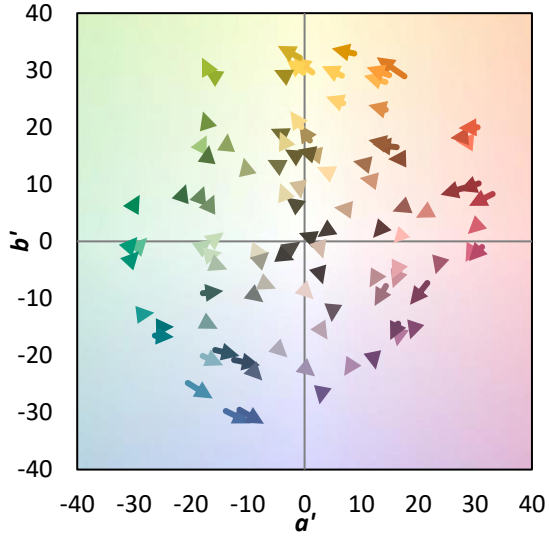


Color Vector Graphics







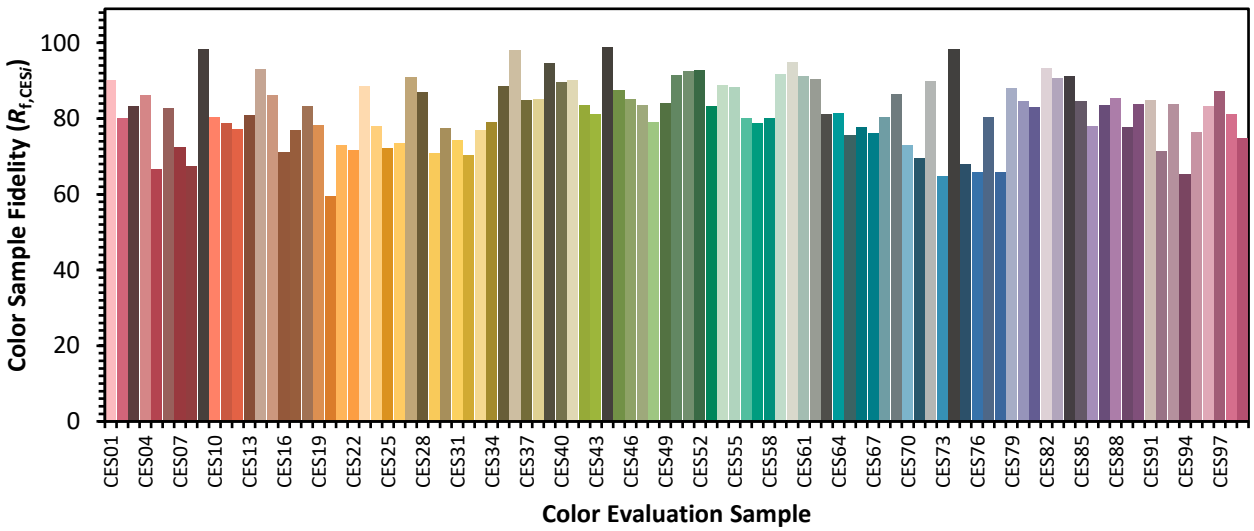


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Individual Sample Fidelity Index ($R_{f,i}$)

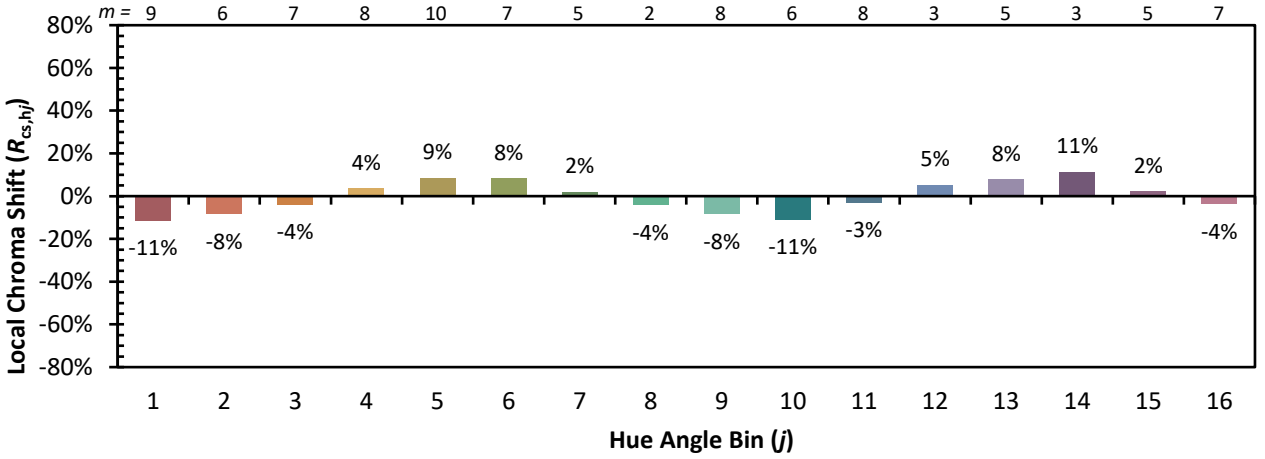
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

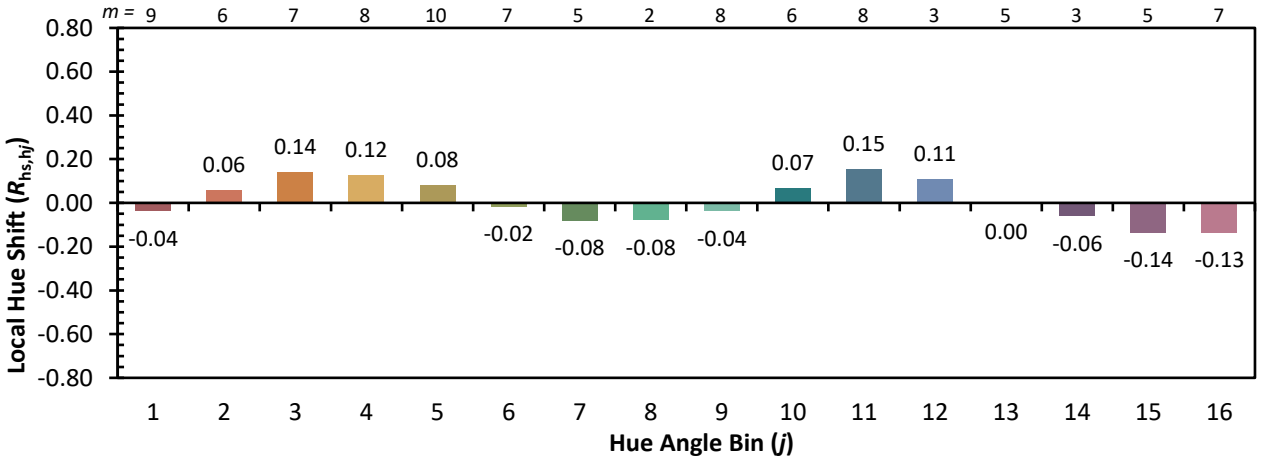


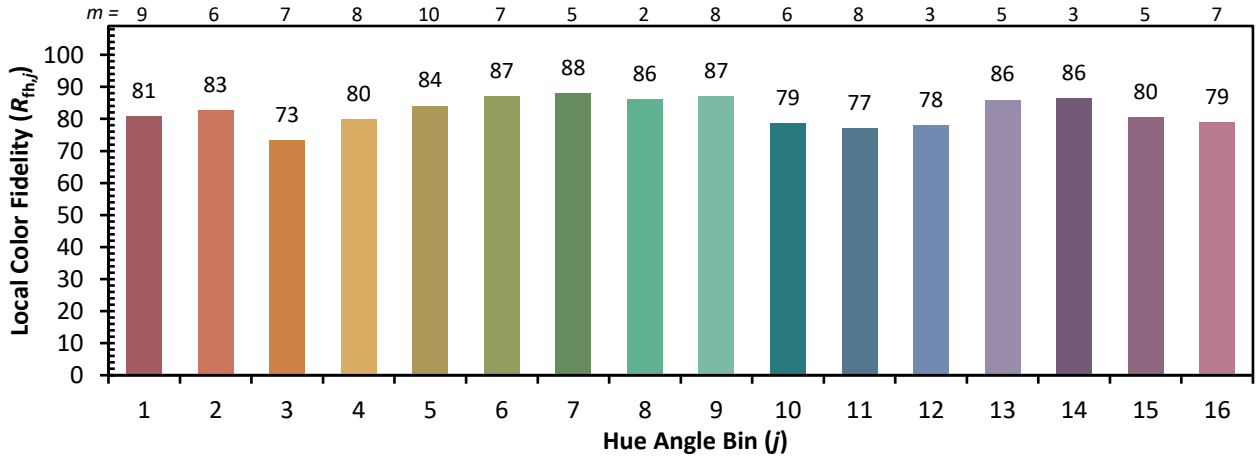
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Color Rendition by Hue-Angle Bin



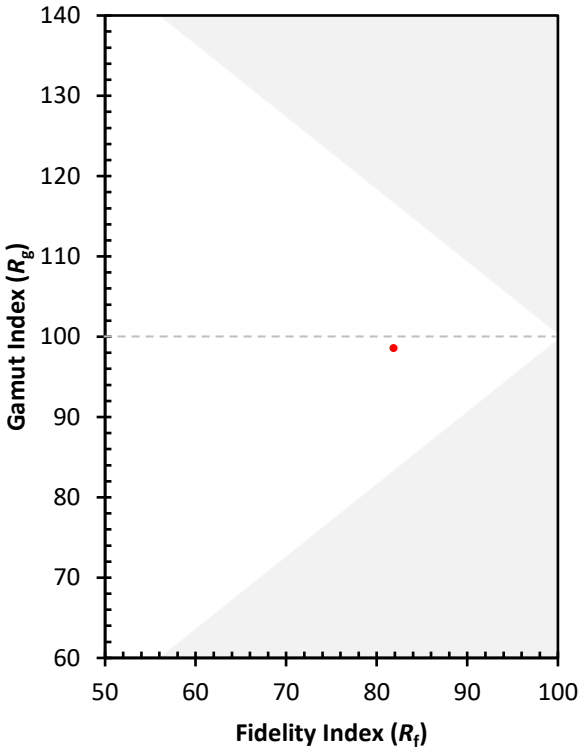


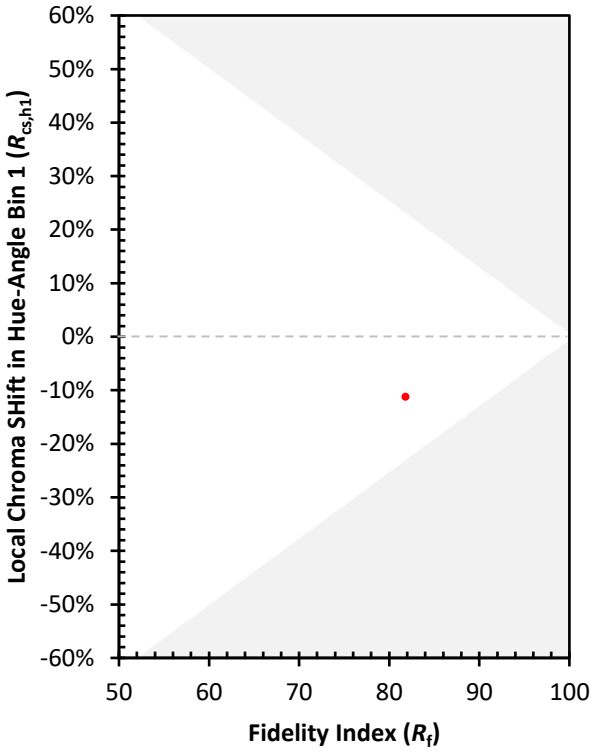


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Measure Comparisons





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