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: P1502718

Luminaire Tested: GSS-SB1B-840-U-T4LG-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:	P1502718
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 80CRI 4000K FIXTURE w/ TYPE IV 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:	3956.3 lumens
Efficiency:	N/A
Efficacy:	98.9 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

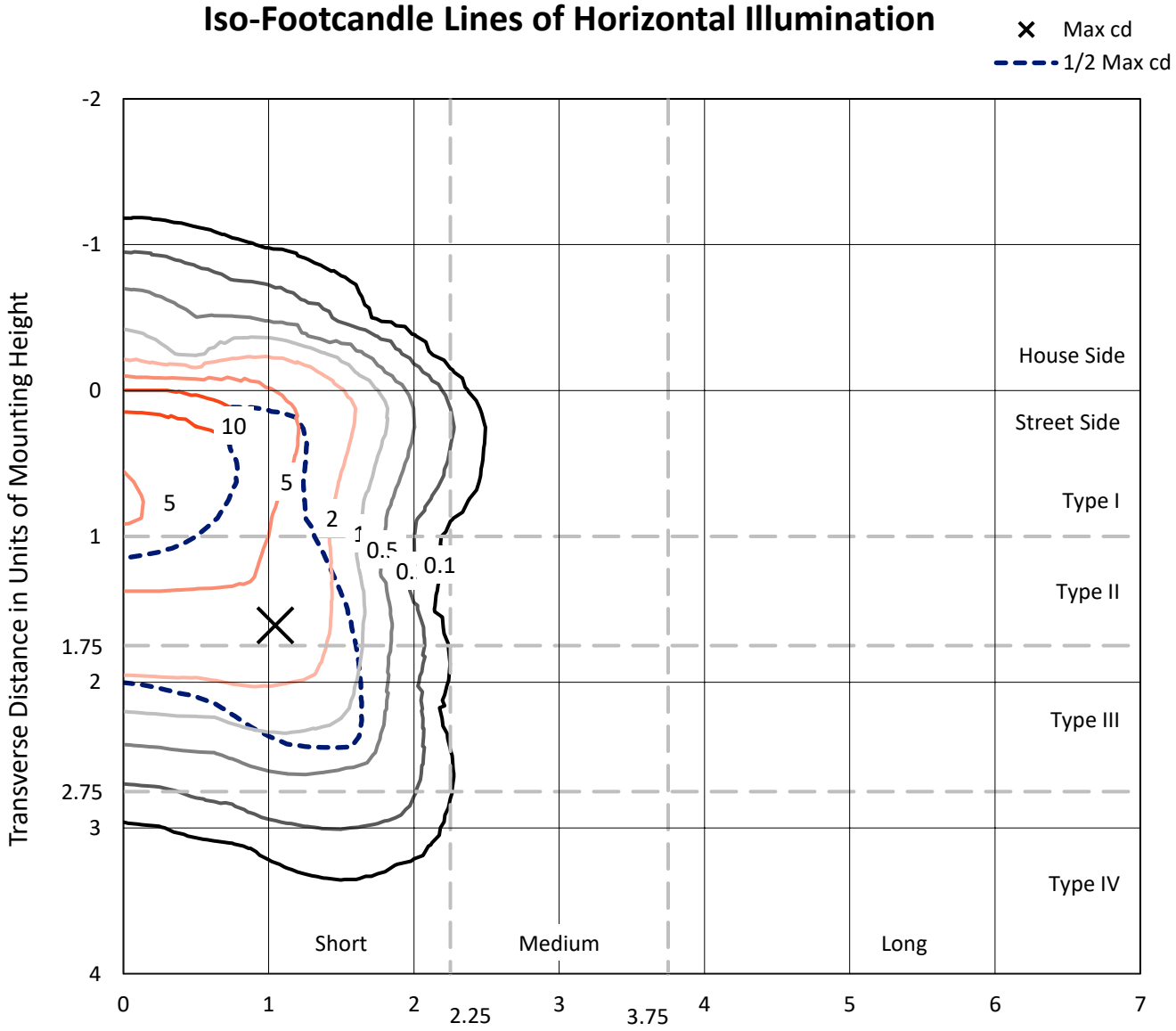
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502718
CATALOG NUMBER: GSS-SB1B-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



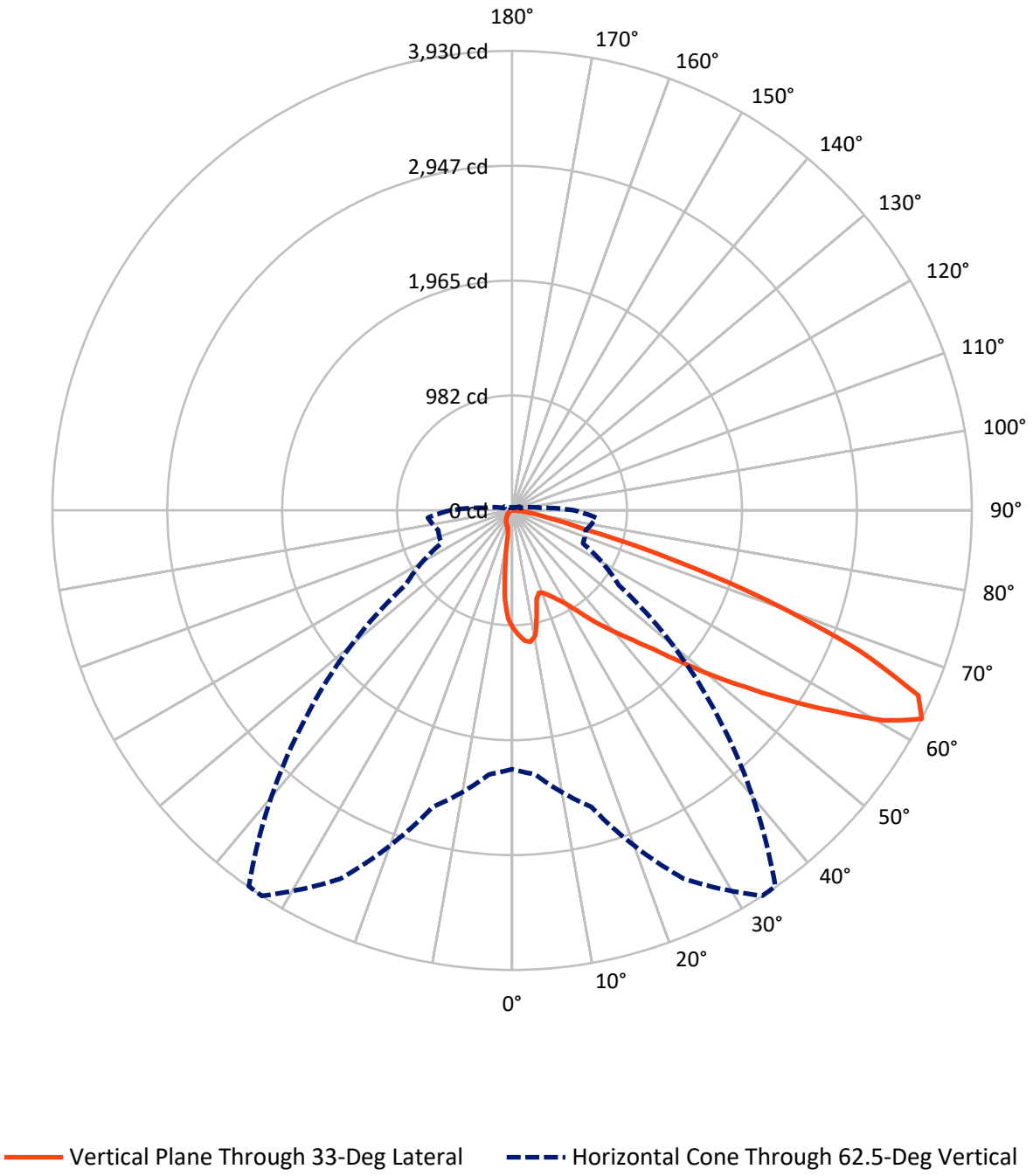
Based on 10 foot mounting height. Maximum calculated value = 12 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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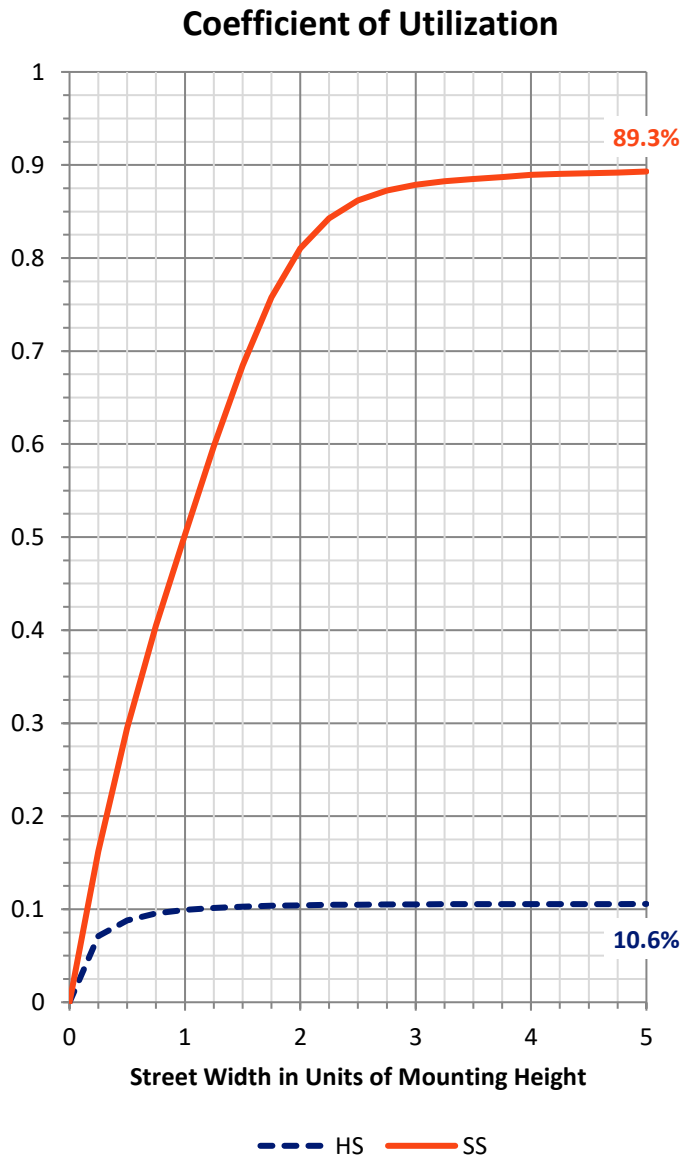
REPORT NUMBER: P1502718
CATALOG NUMBER: GSS-SB1B-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	421.0	0.0	421.0
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	3535.3	0.0	3535.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	3956.3	0.0	3956.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.4	2.2
10°-20°	190.7	4.8
20°-30°	307.3	7.8
30°-40°	511.2	12.9
40°-50°	808.0	20.4
50°-60°	1085.5	27.4
60°-70°	796.9	20.1
70°-80°	157.7	4.0
80°-90°	13.7	0.3
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°	3956.3	100.0
0°-180°	3956.3	100.0



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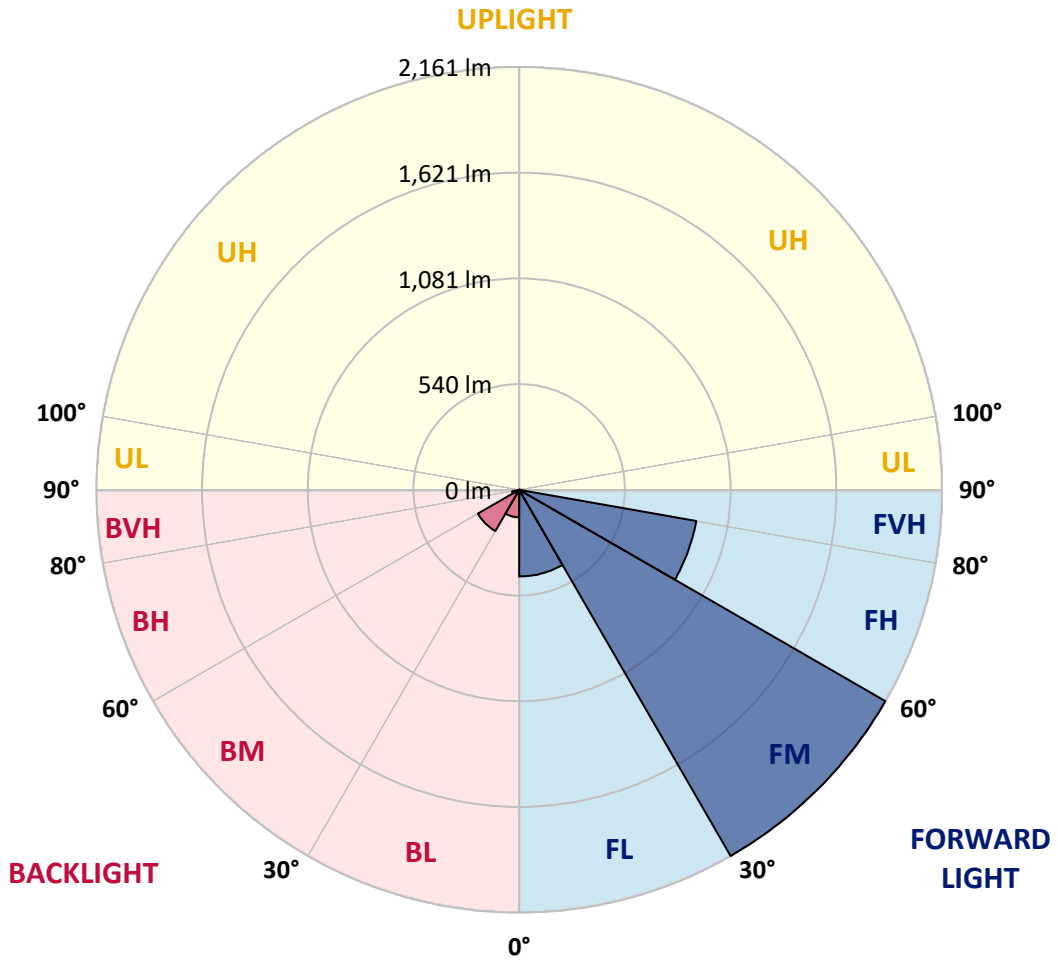
Scaled Data Report

REPORT NUMBER: P1502718
CATALOG NUMBER: GSS-SB1B-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	442.9	11.2			
FM	(30°-60°)	2161.1	54.6			
FH	(60°-80°)	918.6	23.2			G1/1800
FVH	(80°-90°)	12.7	0.3			G1/100
BL	(0°-30°)	140.5	3.6	B1/500		
BM	(30°-60°)	243.5	6.2	B1/1000		
BH	(60°-80°)	36.0	0.9	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°	33°	35°	45°	55°	65°	75°	85°
0°	1004.9	1004.9	1004.9	1004.9	*1004.9*	1004.9	1004.9	1004.9	1004.9	1004.9	1004.9
2.5°	1070.7	1075.1	1075.1	1066.2	*1064.0*	1059.5	1055.1	1054.0	1039.5	1028.3	1017.2
5°	1125.3	1124.1	1123.0	1118.6	*1119.7*	1114.1	1110.8	1105.2	1080.7	1064.0	1033.9
7.5°	1101.9	1111.9	1116.4	1128.6	*1134.2*	1133.1	1142.0	1144.2	1123.0	1099.6	1054.0
10°	949.2	943.7	983.8	1036.1	*1088.5*	1100.8	1148.7	1174.3	1166.5	1145.3	1086.3
12.5°	752.0	757.6	785.5	846.7	*932.5*	959.3	1097.4	1198.8	1221.1	1207.7	1130.8
15°	688.5	688.5	703.0	732.0	*783.2*	808.9	979.3	1195.5	1279.0	1280.1	1186.5
17.5°	675.2	677.4	689.6	708.6	*742.0*	753.1	872.4	1146.4	1335.8	1355.9	1248.9
20°	677.4	680.7	694.1	720.8	*753.1*	766.5	844.5	1084.0	1383.7	1438.3	1314.7
22.5°	685.2	684.1	707.5	743.1	*784.3*	796.6	867.9	1058.4	1423.8	1533.0	1391.5
25°	694.1	695.2	725.3	775.4	*825.6*	840.0	920.3	1081.8	1452.8	1634.4	1469.5
27.5°	720.8	724.2	760.9	815.5	*874.6*	893.5	988.2	1143.1	1503.0	1732.5	1554.2
30°	762.1	765.4	807.7	873.5	*937.0*	965.9	1072.9	1220.0	1577.6	1846.1	1641.1
32.5°	810.0	814.4	869.0	944.8	*1021.6*	1049.5	1169.8	1336.9	1676.8	1962.0	1731.3
35°	870.1	882.4	941.4	1031.7	*1135.3*	1162.0	1289.0	1469.5	1806.0	2065.6	1808.2
37.5°	952.6	962.6	1035.0	1147.5	*1252.3*	1287.9	1422.7	1608.8	1923.0	2158.1	1870.6
40°	1052.8	1061.8	1143.1	1265.6	*1374.8*	1404.9	1563.1	1749.2	2048.9	2209.3	1884.0
42.5°	1220.0	1244.5	1295.7	1399.3	*1516.3*	1554.2	1719.1	1885.1	2140.2	2219.3	1862.8
45°	1511.9	1519.7	1530.8	1579.8	*1692.4*	1725.8	1884.0	2003.2	2194.8	2221.6	1843.9
47.5°	1791.5	1818.2	1833.8	1856.1	*1924.1*	1936.3	2056.7	2109.0	2238.3	2213.8	1843.9
50°	2071.2	2091.2	2117.9	2144.7	*2217.1*	2221.6	2239.4	2180.3	2240.5	2150.3	1832.7
52.5°	2325.2	2331.9	2377.5	2428.8	*2519.0*	2543.5	2408.7	2232.7	2105.7	1949.7	1780.4
55°	2552.5	2561.4	2630.4	2735.2	*2864.4*	2896.7	2616.0	2131.3	1817.1	1690.1	1658.9
57.5°	2699.5	2720.7	2858.8	3089.5	*3235.4*	3220.9	2776.4	1894.0	1459.5	1382.6	1443.9
60°	2626.0	2655.0	2945.7	3386.9	*3646.5*	3604.2	2731.8	1558.7	1078.5	1022.8	1143.1
62.5°	*2212.6*	*2266.1*	*2626.0*	*3474.9*	*3929.5*	*3922.8*	*2480.0*	*1111.9*	*668.5*	*654.0*	*722.0*
65°	1538.6	1631.1	2057.8	3180.8	*3815.9*	3825.9	2087.9	647.3	309.7	384.4	422.3
67.5°	906.9	972.6	1325.8	2597.0	*3202.0*	3109.5	1419.4	299.7	154.9	234.0	223.9
70°	398.9	443.4	759.8	1799.3	*2333.0*	2183.7	693.0	145.9	118.1	141.5	123.7
72.5°	219.5	239.5	400.0	950.3	*1419.4*	1349.2	234.0	96.9	101.4	105.8	89.1
75°	122.6	131.5	210.6	549.3	*623.9*	580.5	113.6	63.5	85.8	85.8	65.7
77.5°	71.3	79.1	131.5	342.0	*342.0*	276.3	69.1	40.1	64.6	57.9	35.7
80°	33.4	37.9	72.4	189.4	*216.1*	178.3	39.0	27.9	42.3	36.8	23.4
82.5°	10.0	12.3	35.7	73.5	*122.6*	104.7	20.1	17.8	31.2	23.4	13.4
85°	6.7	7.8	17.8	30.1	*60.2*	52.4	6.7	5.6	13.4	11.1	5.6
87.5°	1.1	1.1	2.2	2.2	*2.2*	2.2	1.1	1.1	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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Scaled Data Report

REPORT NUMBER: P1502718
CATALOG NUMBER: GSS-SB1B-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1004.9	1004.9	1004.9	1004.9	1004.9	1004.9	1004.9	1004.9	1004.9	1004.9	1004.9
2.5°	1010.5	1002.7	984.9	968.2	959.3	939.2	931.4	922.5	918.0	916.9	910.2
5°	1015.0	1000.5	955.9	911.4	864.6	820.0	774.3	734.2	701.9	703.0	704.1
7.5°	1028.3	999.4	921.4	832.2	732.0	616.1	492.4	400.0	340.9	328.7	317.5
10°	1046.2	1003.8	879.0	714.2	517.0	325.3	229.5	196.1	181.6	178.3	179.4
12.5°	1079.6	1015.0	825.6	551.5	286.3	187.2	166.0	160.4	158.2	158.2	158.2
15°	1120.8	1030.6	742.0	361.0	187.2	156.0	151.5	150.4	148.2	148.2	149.3
17.5°	1155.3	1030.6	631.7	235.1	153.7	144.8	141.5	140.4	140.4	141.5	140.4
20°	1193.2	1022.8	508.0	177.1	142.6	134.8	132.6	132.6	132.6	133.7	133.7
22.5°	1232.2	1009.4	393.3	151.5	132.6	125.9	124.8	125.9	127.0	128.1	128.1
25°	1275.7	992.7	310.8	140.4	123.7	118.1	118.1	118.1	119.2	121.4	122.6
27.5°	1323.6	978.2	266.3	133.7	115.9	110.3	110.3	111.4	113.6	114.8	115.9
30°	1368.1	978.2	251.8	137.0	112.5	105.8	103.6	104.7	107.0	109.2	109.2
32.5°	1423.8	989.3	259.6	151.5	111.4	99.2	96.9	96.9	99.2	100.3	100.3
35°	1470.6	1010.5	286.3	171.6	115.9	93.6	89.1	88.0	90.2	89.1	90.2
37.5°	1508.5	1039.5	335.4	198.3	124.8	86.9	81.3	78.0	78.0	78.0	78.0
40°	1519.7	1068.4	397.7	216.1	123.7	79.1	71.3	68.0	66.8	65.7	65.7
42.5°	1504.1	1081.8	447.9	215.0	110.3	73.5	63.5	59.0	55.7	54.6	54.6
45°	1491.8	1088.5	465.7	187.2	100.3	66.8	56.8	51.2	47.9	46.8	45.7
47.5°	1492.9	1095.2	439.0	152.6	91.4	61.3	51.2	45.7	42.3	41.2	40.1
50°	1497.4	1084.0	372.1	127.0	83.6	55.7	45.7	41.2	37.9	36.8	35.7
52.5°	1450.6	1025.0	261.8	111.4	76.9	52.4	41.2	37.9	34.5	33.4	33.4
55°	1328.0	883.5	177.1	99.2	71.3	47.9	37.9	35.7	32.3	30.1	30.1
57.5°	1131.9	666.2	122.6	90.2	62.4	43.5	35.7	32.3	29.0	26.7	26.7
60°	865.7	434.5	89.1	82.4	51.2	40.1	33.4	31.2	26.7	24.5	23.4
62.5°	*527.0*	*244.0*	*72.4*	*72.4*	*43.5*	*37.9*	*30.1*	*27.9*	*23.4*	*20.1*	*18.9*
65°	305.3	143.7	59.0	61.3	37.9	34.5	26.7	23.4	18.9	15.6	14.5
67.5°	147.1	83.6	46.8	43.5	33.4	29.0	23.4	20.1	16.7	13.4	12.3
70°	90.2	64.6	35.7	31.2	26.7	22.3	18.9	17.8	14.5	11.1	11.1
72.5°	73.5	52.4	27.9	22.3	20.1	15.6	15.6	14.5	11.1	8.9	7.8
75°	57.9	39.0	21.2	15.6	12.3	12.3	11.1	10.0	8.9	6.7	6.7
77.5°	31.2	26.7	15.6	8.9	6.7	7.8	7.8	6.7	5.6	4.5	4.5
80°	20.1	15.6	8.9	4.5	4.5	4.5	4.5	3.3	3.3	2.2	2.2
82.5°	10.0	7.8	4.5	1.1	2.2	2.2	2.2	2.2	2.2	1.1	1.1
85°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1
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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Peachtree City, GA 30269

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

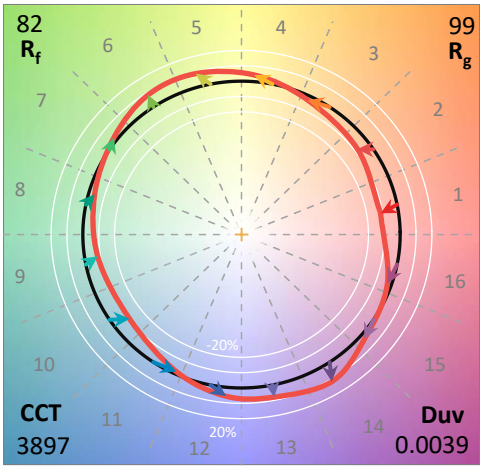
Test Information

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

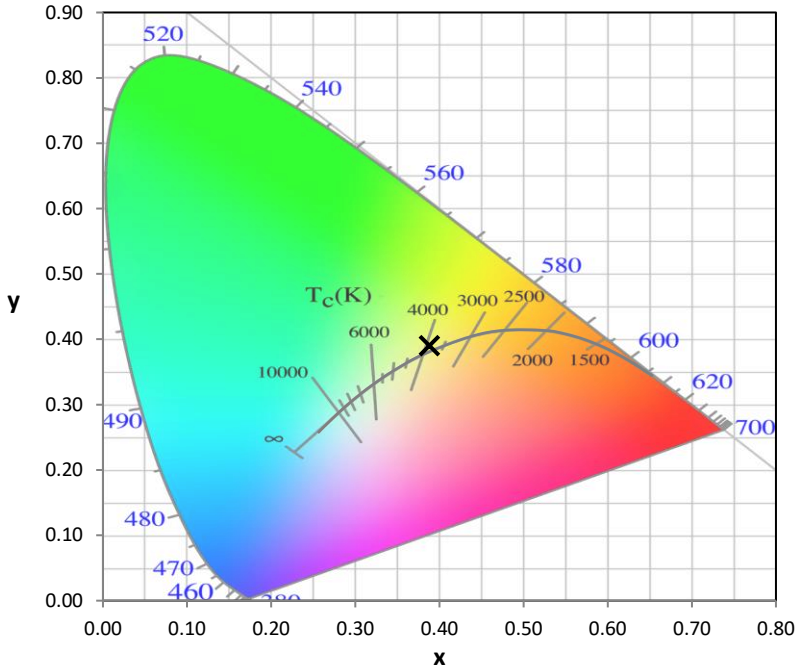
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

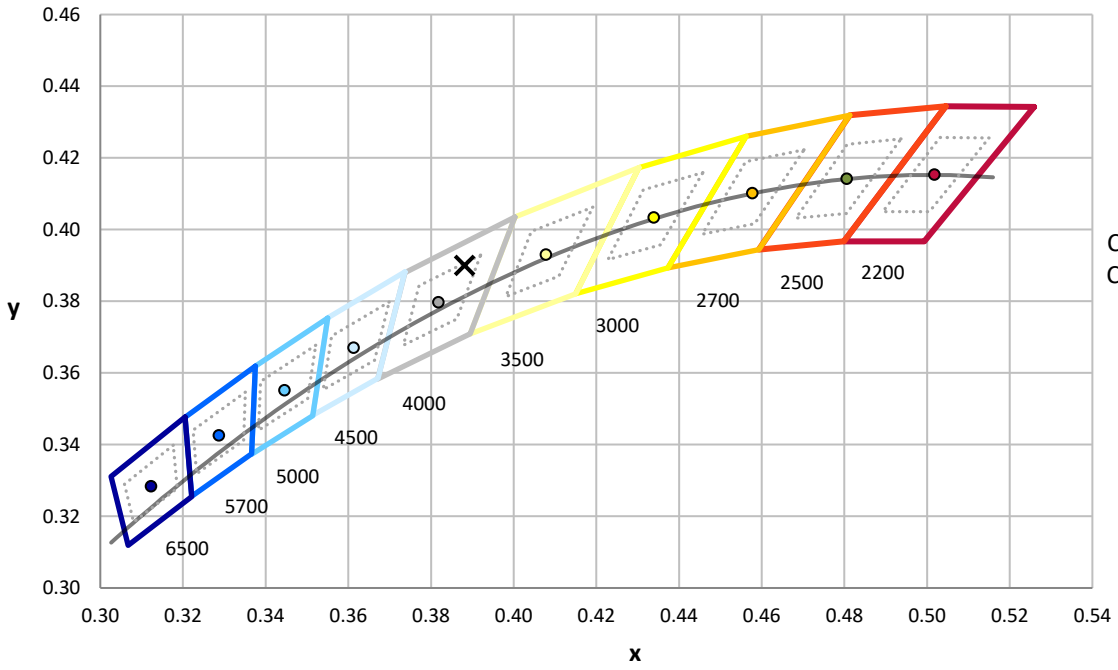
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

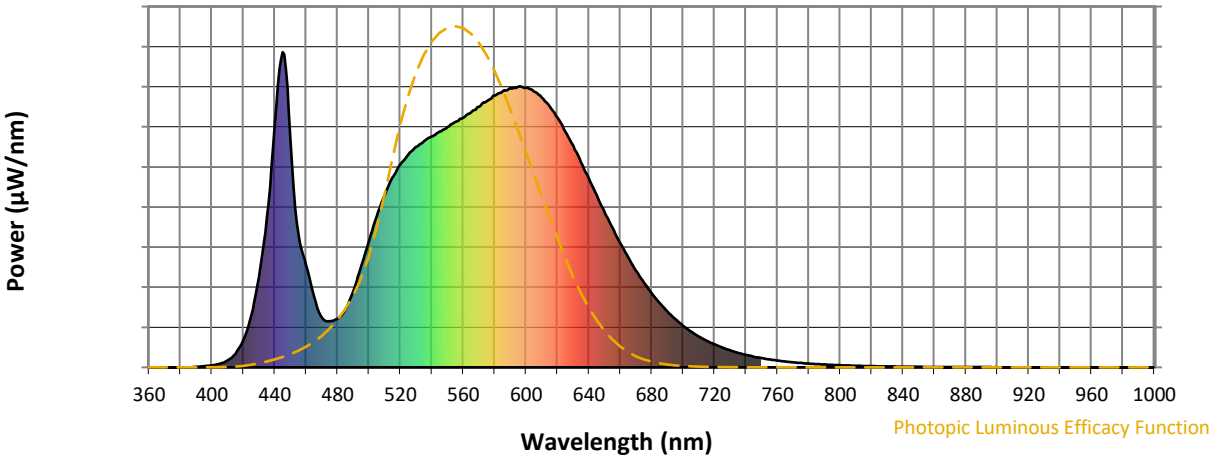


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

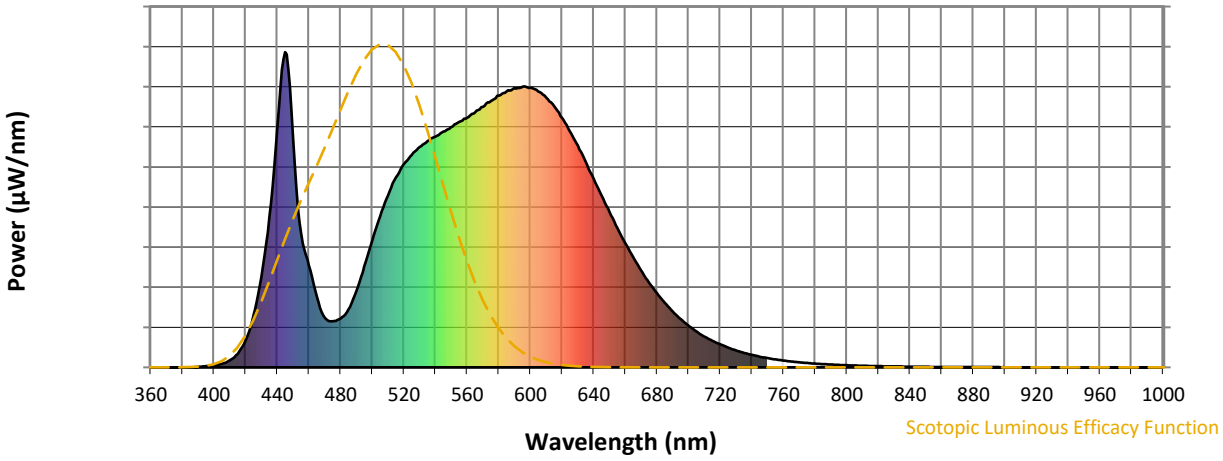


Photopic Lumens: NR

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

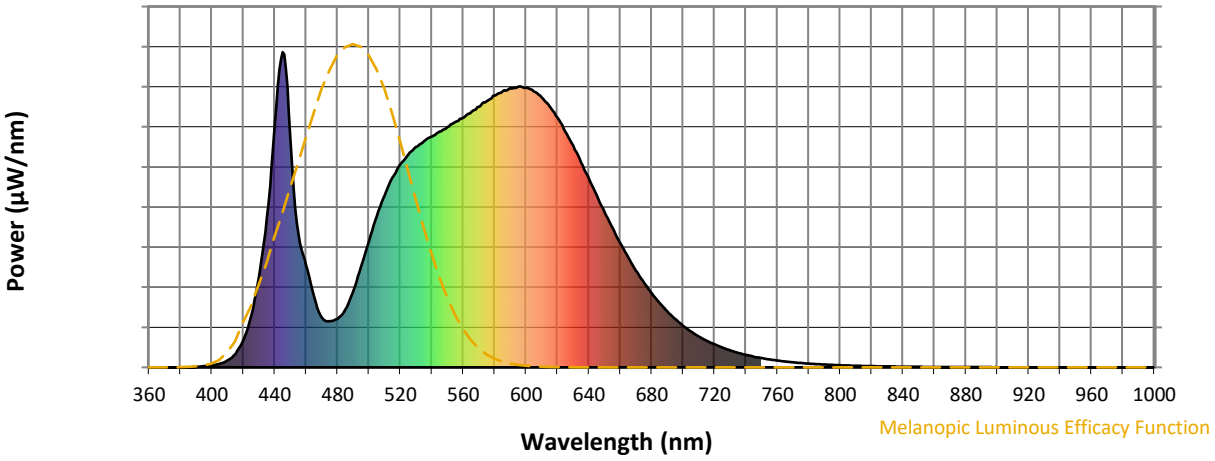


Scotopic Lumens: NR **S/P: 1.57**

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			

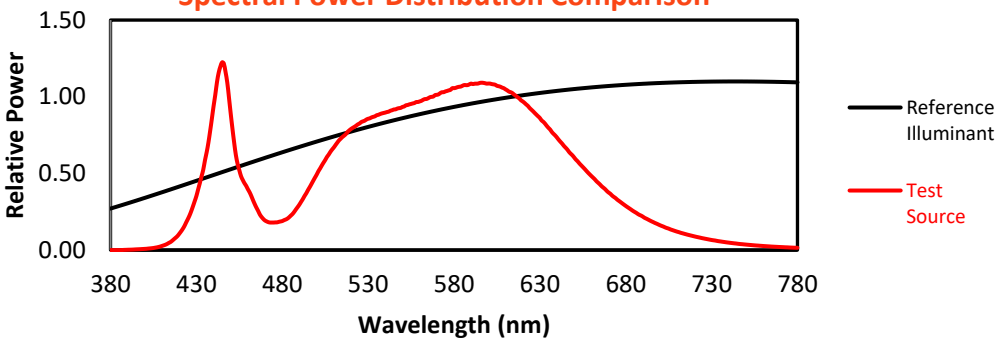
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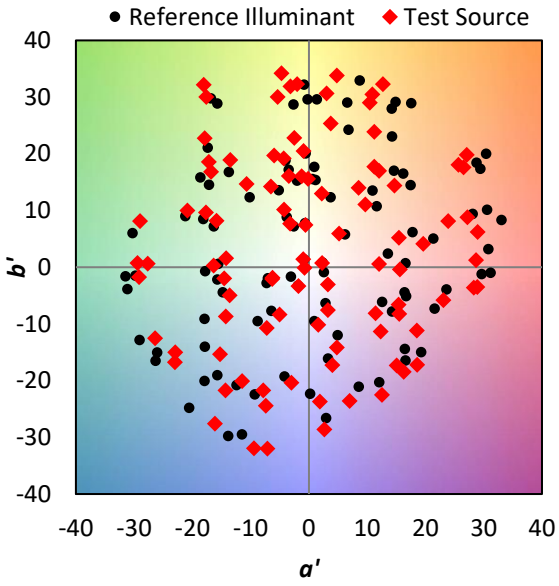
Summary

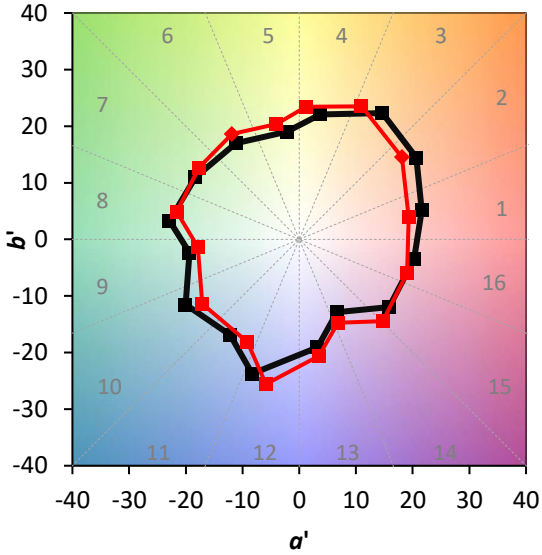
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

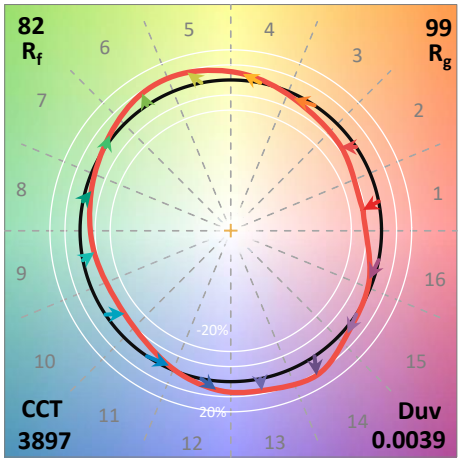
Spectral Power Distribution Comparison

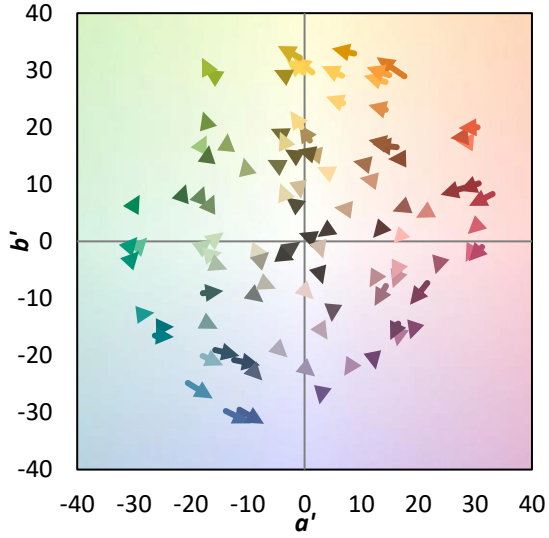


Color Vector Graphics







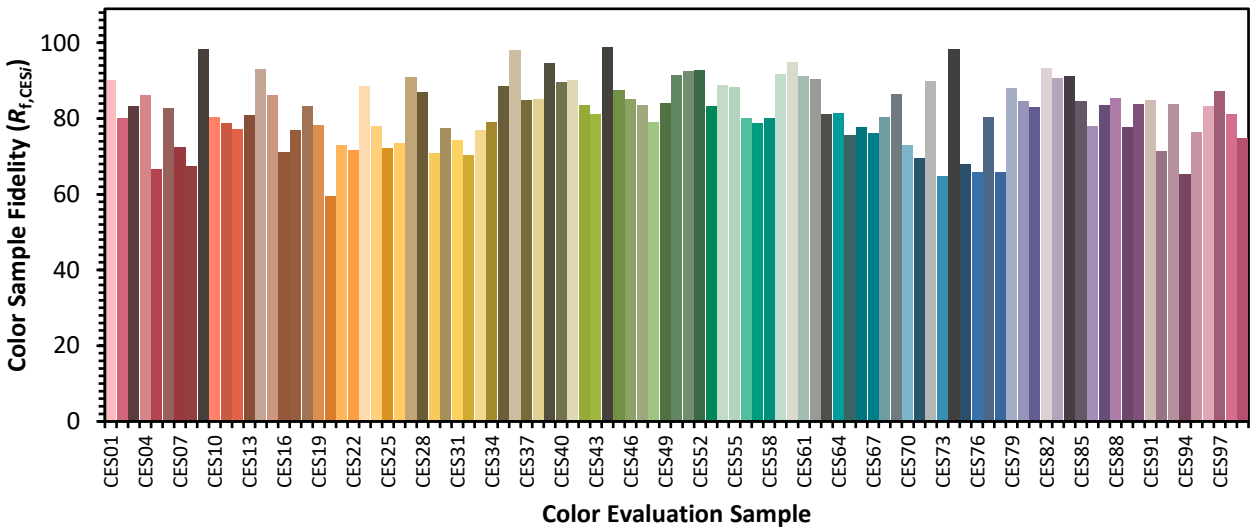


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Individual Sample Fidelity Index ($R_{f,i}$)

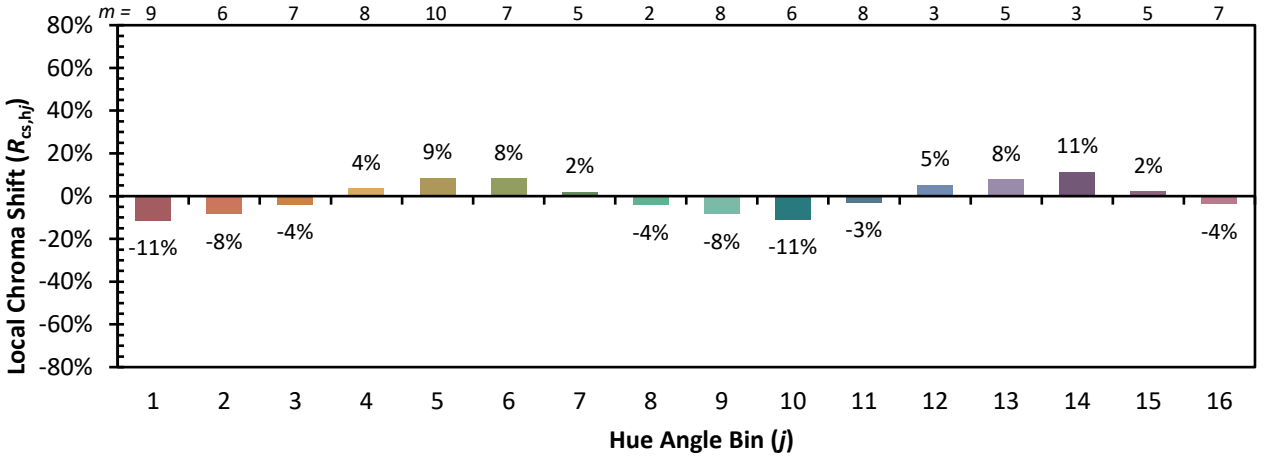
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CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57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

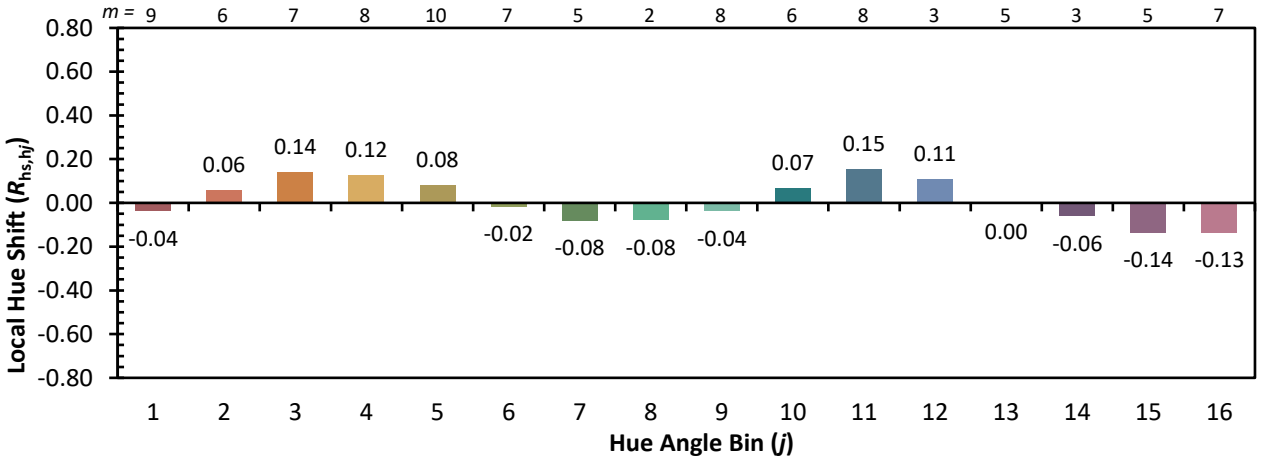


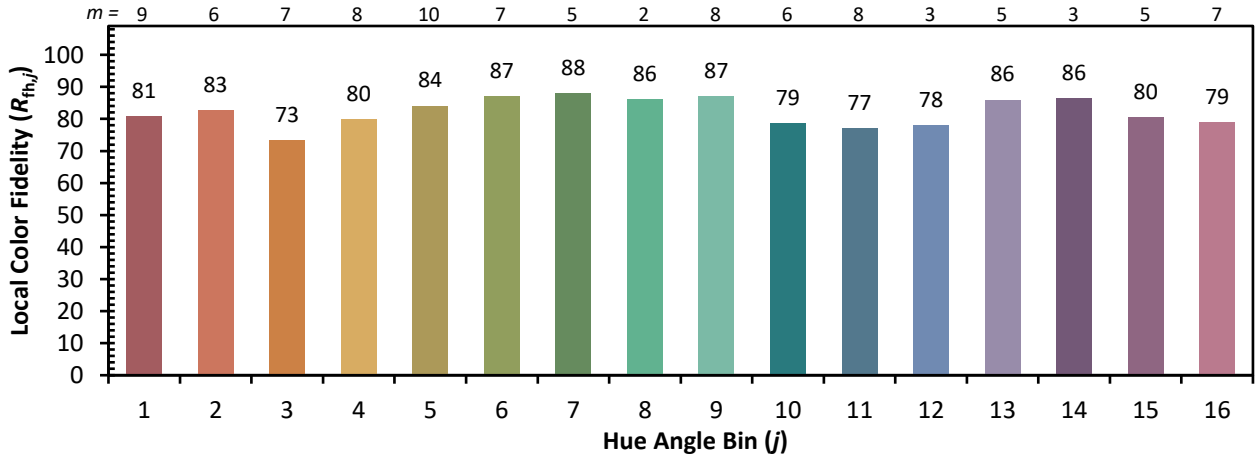
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Color Rendition by Hue-Angle Bin



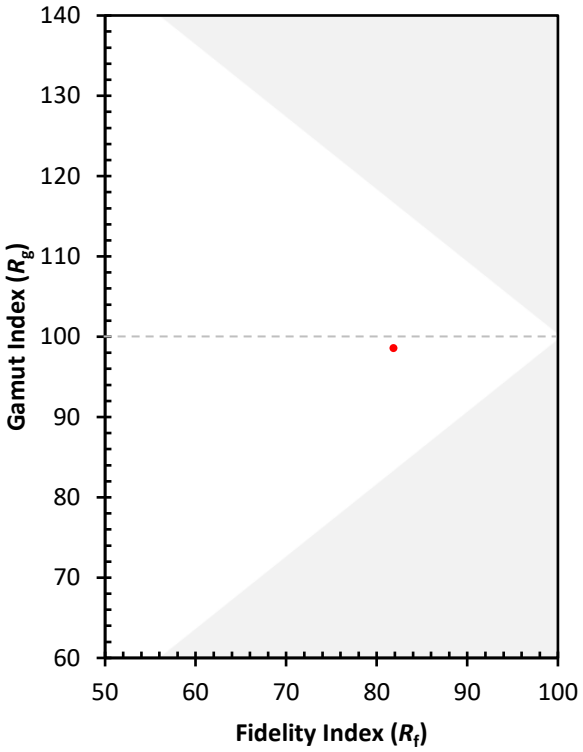


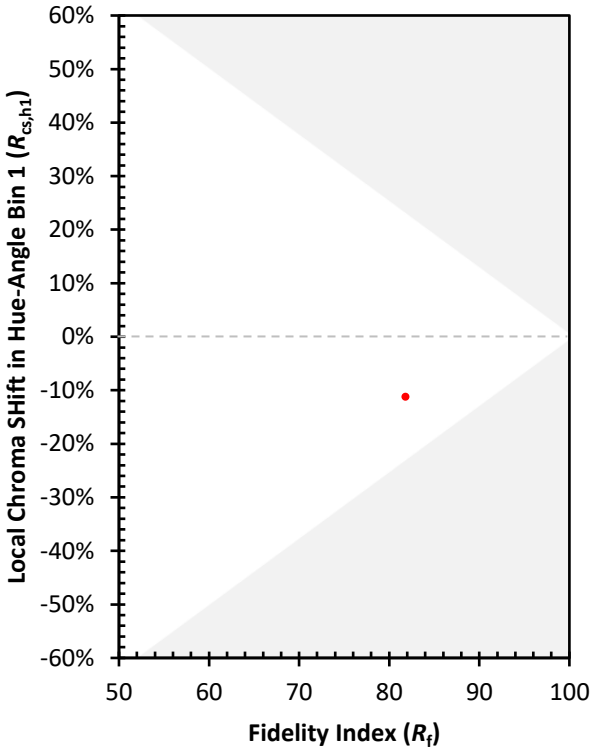


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Measure Comparisons





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