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: P1500822

Luminaire Tested: GSS-SB1B-850-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:	P1500822
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-850-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4920.1 lumens
Efficiency:	N/A
Efficacy:	123.0 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

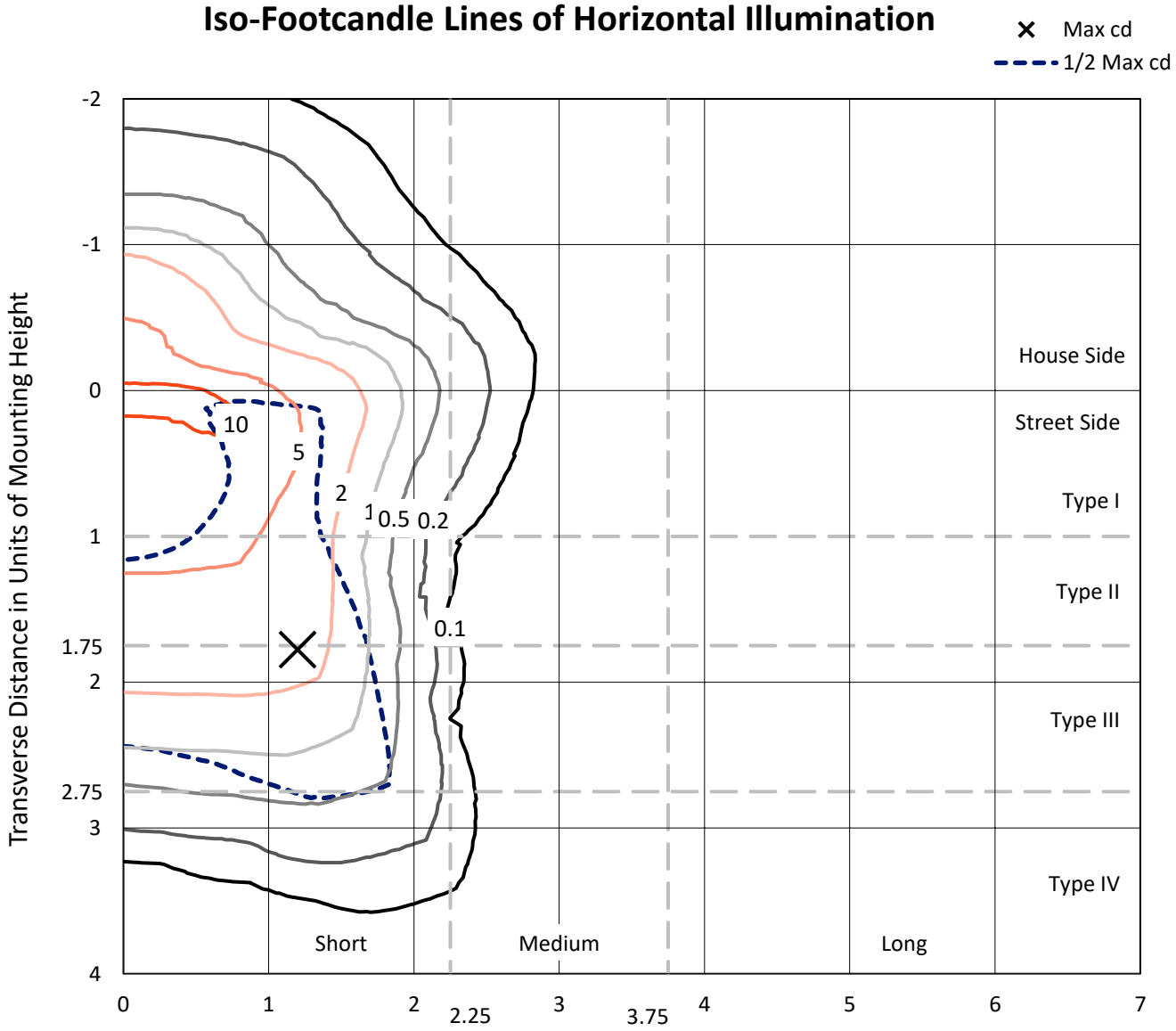
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500822
CATALOG NUMBER: GSS-SB1B-850-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



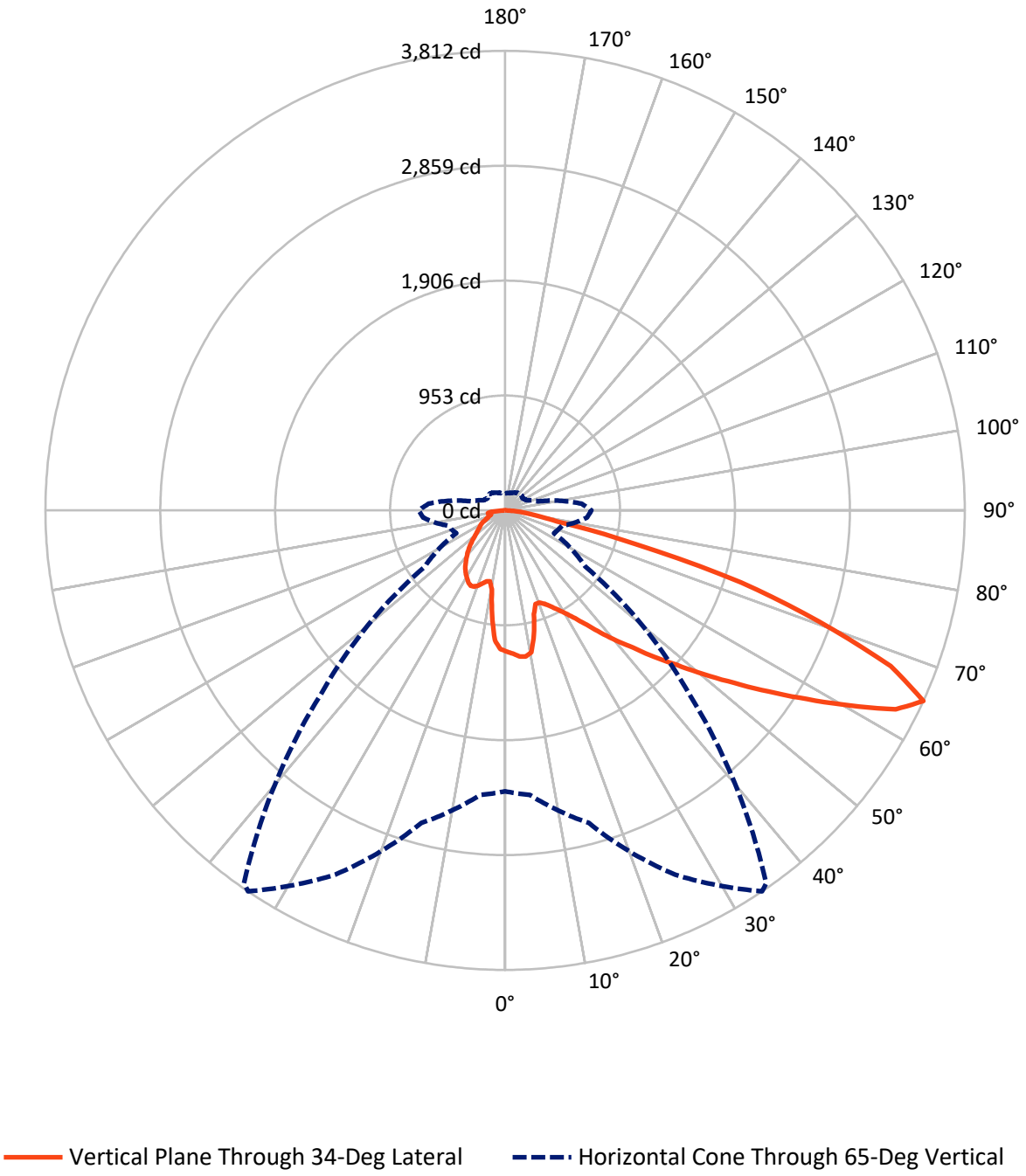
Based on 10 foot mounting height. Maximum calculated value = 12.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1500822
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Luminous Intensity Polar Plot



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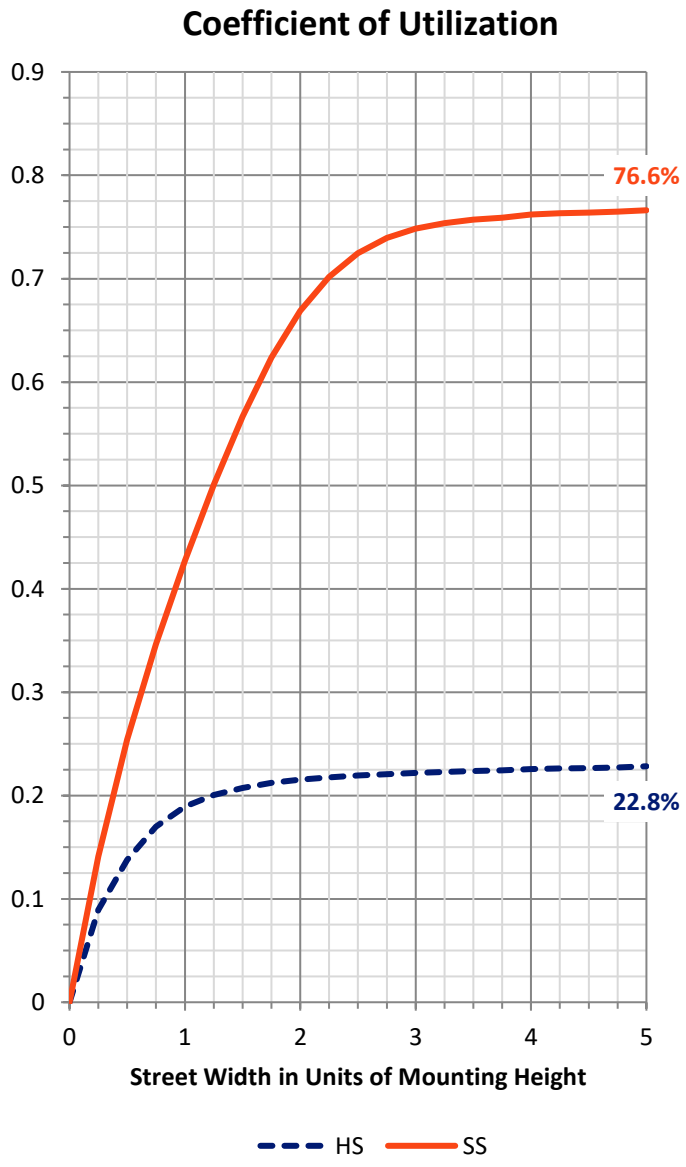
REPORT NUMBER: P1500822
CATALOG NUMBER: GSS-SB1B-850-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1144.7	0.0	1144.7
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	3775.4	0.0	3775.4
	% Fixture	76.7	0.0	76.7
Total	Lumens	4920.1	0.0	4920.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.5	2.1
10°-20°	265.4	5.4
20°-30°	440.0	8.9
30°-40°	661.7	13.4
40°-50°	927.0	18.8
50°-60°	1168.8	23.8
60°-70°	1005.3	20.4
70°-80°	298.9	6.1
80°-90°	47.7	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°	4920.1	100.0
0°-180°	4920.1	100.0



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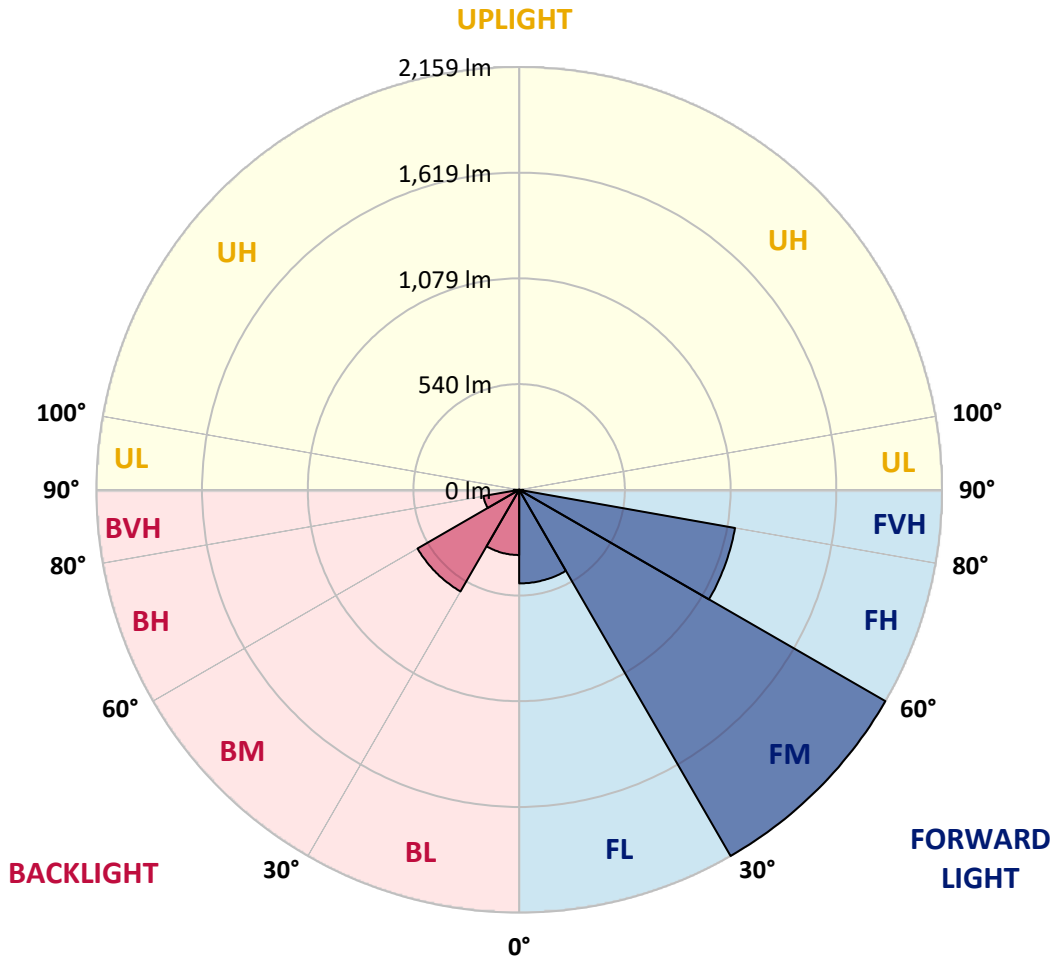
Scaled Data Report

REPORT NUMBER: P1500822
CATALOG NUMBER: GSS-SB1B-850-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	477.8	9.7			
FM	(30°-60°)	2158.6	43.9			
FH	(60°-80°)	1118.9	22.7			G1/1800
FVH	(80°-90°)	20.2	0.4			G1/100
BL	(0°-30°)	333.1	6.8	B1/500		
BM	(30°-60°)	598.9	12.2	B1/1000		
BH	(60°-80°)	185.3	3.8	B1/500		G1/500
BVH	(80°-90°)	27.5	0.6			G1/100
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°	34°	35°	45°	55°	65°	75°	85°
0°	1169.8	1169.8	1169.8	1169.8	*1169.8*	1169.8	1169.8	1169.8	1169.8	1169.8	1169.8
2.5°	1192.1	1198.7	1190.9	1187.6	*1188.7*	1189.8	1184.3	1185.4	1178.7	1178.7	1173.1
5°	1217.7	1218.8	1214.3	1217.7	*1216.6*	1215.5	1215.5	1214.3	1199.9	1196.5	1190.9
7.5°	1203.2	1207.7	1209.9	1222.1	*1225.5*	1232.2	1236.6	1238.9	1227.7	1218.8	1204.3
10°	1070.6	1074.0	1099.6	1155.3	*1197.6*	1205.4	1246.7	1270.0	1262.2	1257.8	1233.3
12.5°	855.6	861.2	890.1	962.6	*1061.7*	1082.9	1214.3	1293.4	1311.3	1312.4	1276.7
15°	763.1	763.1	772.1	813.3	*893.5*	910.2	1104.0	1300.1	1363.6	1371.4	1328.0
17.5°	744.2	743.1	748.7	773.2	*815.5*	825.5	977.0	1265.6	1426.0	1439.4	1383.7
20°	743.1	739.7	750.9	778.7	*815.5*	824.4	918.0	1205.4	1475.0	1517.4	1439.4
22.5°	744.2	744.2	759.8	799.9	*842.2*	850.0	929.1	1155.3	1515.1	1598.7	1498.4
25°	756.5	754.2	776.5	825.5	*883.5*	889.0	974.8	1153.1	1549.7	1690.1	1569.7
27.5°	776.5	777.6	807.7	866.8	*932.5*	943.6	1038.3	1201.0	1592.0	1790.3	1638.8
30°	818.8	820.0	855.6	915.8	*991.5*	1006.0	1111.8	1272.3	1652.2	1898.4	1713.4
32.5°	866.8	872.3	915.8	986.0	*1067.3*	1075.1	1202.1	1379.2	1742.4	2006.5	1793.7
35°	947.0	952.5	1001.6	1075.1	*1165.3*	1176.5	1312.4	1502.9	1852.7	2115.6	1856.1
37.5°	1050.6	1055.0	1102.9	1192.1	*1287.9*	1299.0	1434.9	1634.3	1964.1	2202.5	1911.8
40°	1174.2	1184.3	1235.5	1322.4	*1419.3*	1426.0	1568.6	1761.4	2084.4	2262.7	1934.0
42.5°	1309.0	1319.1	1371.4	1467.2	*1556.4*	1576.4	1713.4	1896.2	2182.5	2289.4	1916.2
45°	1481.7	1479.5	1528.5	1628.8	*1733.5*	1741.3	1868.3	2007.6	2241.5	2267.1	1898.4
47.5°	1691.2	1693.4	1724.6	1805.9	*1914.0*	1931.8	2029.8	2103.4	2276.1	2249.3	1878.3
50°	1927.4	1932.9	1959.7	2018.7	*2134.6*	2146.8	2175.8	2170.2	2297.2	2211.4	1886.1
52.5°	2163.5	2166.9	2202.5	2264.9	*2377.4*	2386.4	2322.8	2221.5	2218.1	2058.8	1869.4
55°	2357.4	2356.3	2419.8	2515.6	*2652.6*	2647.0	2467.7	2182.5	1970.8	1821.5	1794.8
57.5°	2525.6	2532.3	2614.7	2780.7	*2953.4*	2949.0	2622.5	1976.4	1609.8	1540.8	1673.3
60°	2677.1	2692.7	2847.6	3096.0	*3286.5*	3259.8	2650.4	1665.5	1252.2	1206.5	1432.7
62.5°	2611.4	2640.4	2888.8	3373.4	*3635.2*	3576.2	2478.8	1290.1	847.8	806.6	1012.7
65°	*2330.6*	*2369.6*	*2684.9*	*3333.3*	*3812.4*	*3775.6*	*2166.9*	*811.0*	*446.7*	*490.2*	*681.8*
67.5°	1957.4	2004.2	2345.1	2994.6	*3449.2*	3370.1	1683.4	426.7	208.3	323.1	423.3
70°	1072.9	1188.7	1695.6	2546.8	*2762.9*	2652.6	973.7	201.6	151.5	201.6	252.9
72.5°	403.3	431.1	735.3	1712.3	*2046.6*	1910.6	369.9	130.3	127.0	149.3	182.7
75°	193.8	207.2	319.7	778.7	*1117.4*	1041.7	181.6	96.9	109.2	117.0	132.6
77.5°	115.9	124.8	199.4	452.3	*440.1*	404.4	111.4	74.6	88.0	83.6	78.0
80°	69.1	76.9	121.4	257.4	*265.2*	235.1	68.0	52.4	61.3	53.5	47.9
82.5°	40.1	43.4	63.5	115.9	*168.2*	154.9	39.0	31.2	44.6	35.7	26.7
85°	20.1	21.2	29.0	50.1	*83.6*	63.5	16.7	14.5	21.2	15.6	8.9
87.5°	4.5	4.5	4.5	5.6	*7.8*	7.8	2.2	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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Scaled Data Report

REPORT NUMBER: P1500822
CATALOG NUMBER: GSS-SB1B-850-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1169.8	1169.8	1169.8	1169.8	1169.8	1169.8	1169.8	1169.8	1169.8	1169.8	1169.8
2.5°	1172.0	1174.2	1166.4	1157.5	1155.3	1148.6	1150.8	1146.4	1139.7	1140.8	1141.9
5°	1183.1	1178.7	1163.1	1143.0	1125.2	1105.2	1081.8	1055.0	1036.1	1028.3	1035.0
7.5°	1193.2	1188.7	1162.0	1117.4	1057.3	973.7	886.8	807.7	753.1	733.1	737.5
10°	1221.0	1203.2	1154.2	1057.3	913.5	755.3	667.3	618.3	601.6	592.7	593.8
12.5°	1257.8	1233.3	1139.7	952.5	735.3	635.0	603.8	592.7	587.1	584.9	587.1
15°	1302.4	1264.5	1105.2	821.1	652.8	613.9	607.2	608.3	608.3	609.4	609.4
17.5°	1341.3	1282.3	1042.8	726.4	636.1	625.0	631.7	637.3	637.3	638.4	637.3
20°	1377.0	1291.2	962.6	686.3	639.5	645.1	660.6	666.2	667.3	666.2	666.2
22.5°	1414.9	1296.8	882.3	664.0	647.3	664.0	680.7	688.5	690.7	691.8	693.0
25°	1451.6	1285.6	816.6	646.2	643.9	667.3	686.3	696.3	698.5	698.5	699.6
27.5°	1488.4	1282.3	772.1	622.8	628.3	647.3	669.6	682.9	691.8	693.0	694.1
30°	1530.7	1272.3	729.7	591.6	593.8	617.2	640.6	664.0	681.8	689.6	689.6
32.5°	1559.7	1262.2	691.8	558.2	558.2	582.7	611.6	640.6	666.2	681.8	685.2
35°	1587.6	1253.3	658.4	524.7	525.8	549.2	579.3	610.5	642.8	661.8	670.7
37.5°	1602.0	1244.4	635.0	499.1	494.6	519.2	539.2	564.8	599.4	630.6	638.4
40°	1605.4	1244.4	632.8	481.3	462.3	490.2	499.1	516.9	548.1	581.5	593.8
42.5°	1583.1	1232.2	643.9	470.1	428.9	449.0	459.0	467.9	488.0	515.8	525.8
45°	1556.4	1215.5	654.0	454.5	387.7	403.3	418.9	420.0	428.9	435.6	442.3
47.5°	1534.1	1197.6	636.1	425.6	345.4	356.5	373.2	373.2	368.8	355.4	350.9
50°	1551.9	1203.2	606.1	384.4	306.4	314.2	332.0	322.0	311.9	284.1	280.7
52.5°	1567.5	1224.4	570.4	344.2	272.9	280.7	298.6	283.0	262.9	240.6	237.3
55°	1541.9	1225.5	504.7	299.7	249.6	256.2	272.9	254.0	235.1	221.7	219.5
57.5°	1465.0	1192.1	435.6	265.2	229.5	236.2	251.8	232.8	215.0	213.9	219.5
60°	1295.7	1075.1	372.1	242.9	210.6	218.4	234.0	213.9	190.5	180.5	183.8
62.5°	978.2	826.6	318.6	217.2	192.7	202.8	213.9	181.6	161.5	157.1	152.6
65°	*715.2*	*635.0*	*286.3*	*197.2*	*176.0*	*188.3*	*179.4*	*161.5*	*148.2*	*143.7*	*141.5*
67.5°	462.3	431.1	246.2	178.3	160.4	170.5	158.2	149.3	134.8	132.6	135.9
70°	283.0	293.0	206.1	157.1	144.8	142.6	144.8	135.9	120.3	123.7	128.1
72.5°	200.5	216.1	177.1	137.0	123.7	119.2	129.2	123.7	112.5	115.9	120.3
75°	143.7	160.4	145.9	112.5	104.7	102.5	120.3	123.7	115.9	118.1	121.4
77.5°	84.7	102.5	103.6	86.9	79.1	91.4	128.1	142.6	137.0	130.3	127.0
80°	54.6	61.3	73.5	55.7	55.7	79.1	140.4	173.8	149.3	132.6	130.3
82.5°	27.9	32.3	47.9	35.7	33.4	59.0	138.1	166.0	164.9	147.1	143.7
85°	7.8	10.0	22.3	15.6	13.4	31.2	103.6	124.8	111.4	81.3	82.4
87.5°	1.1	1.1	0.0	0.0	1.1	4.5	12.3	2.2	2.2	2.2	2.2
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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

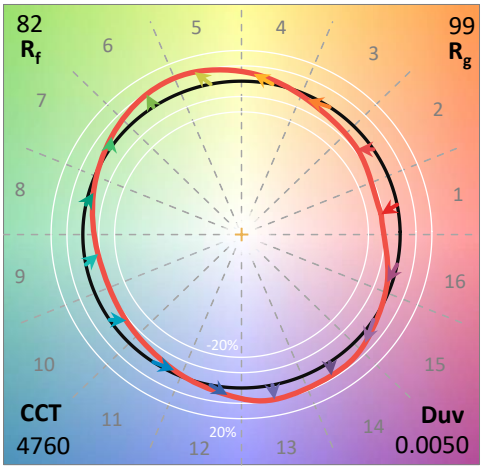
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

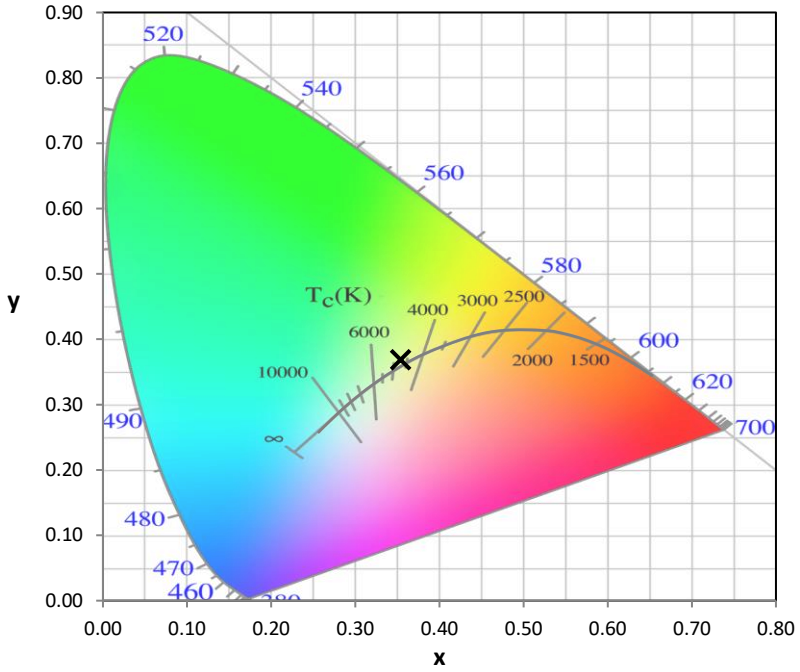
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

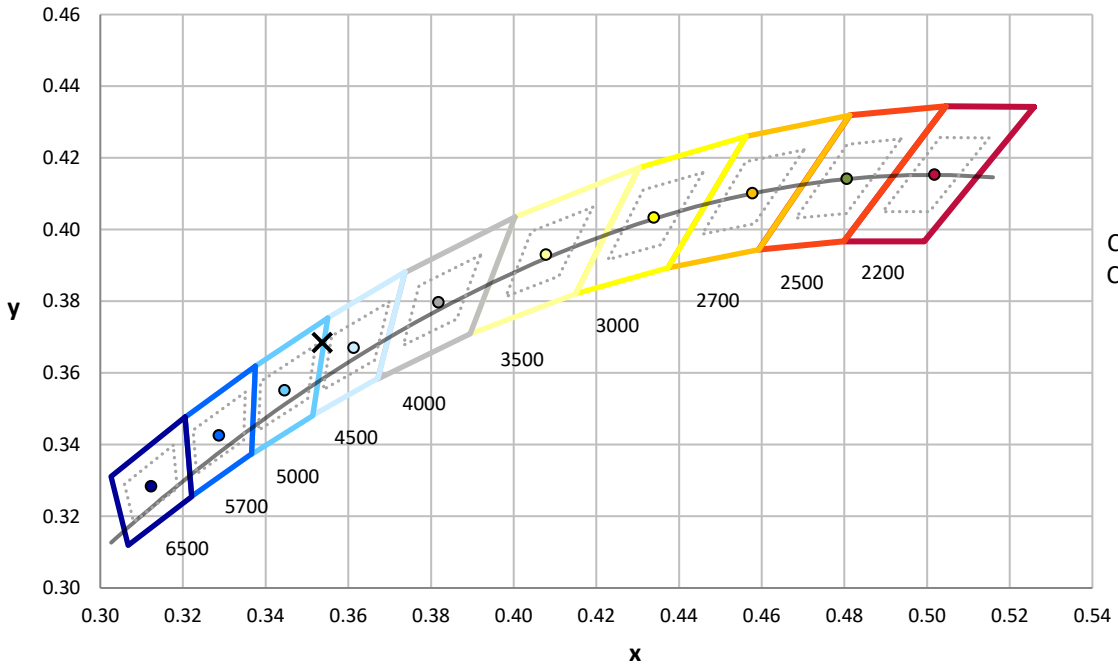
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

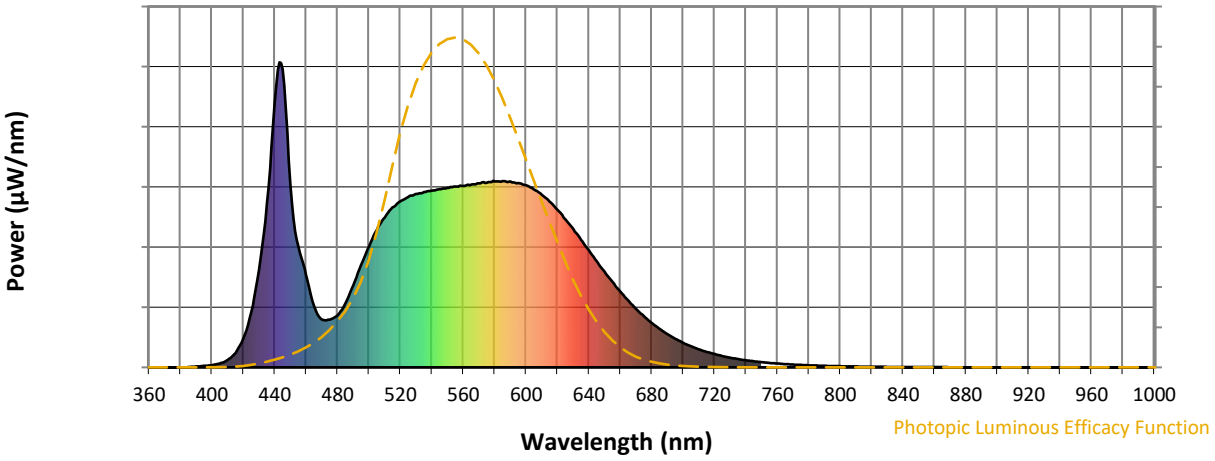


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

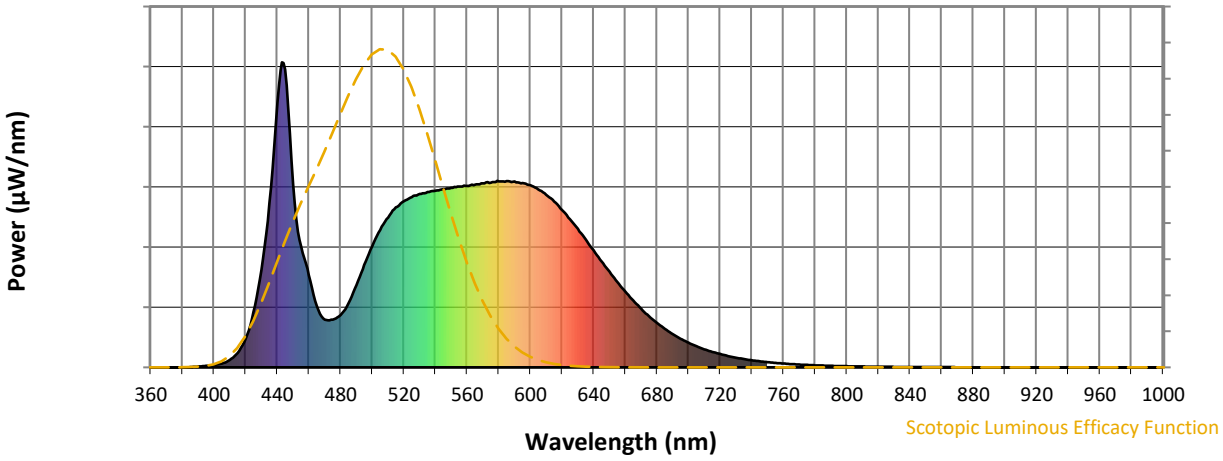


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

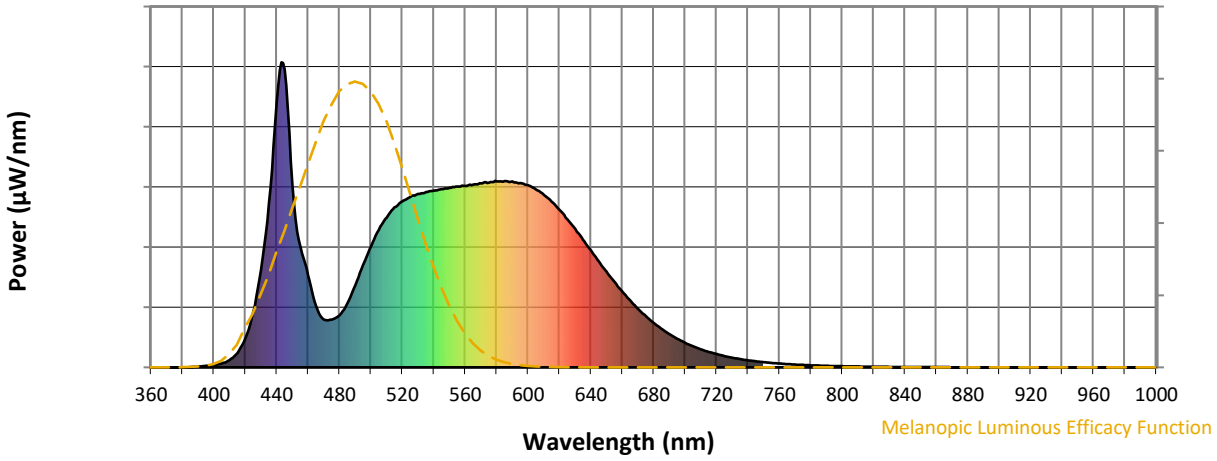


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

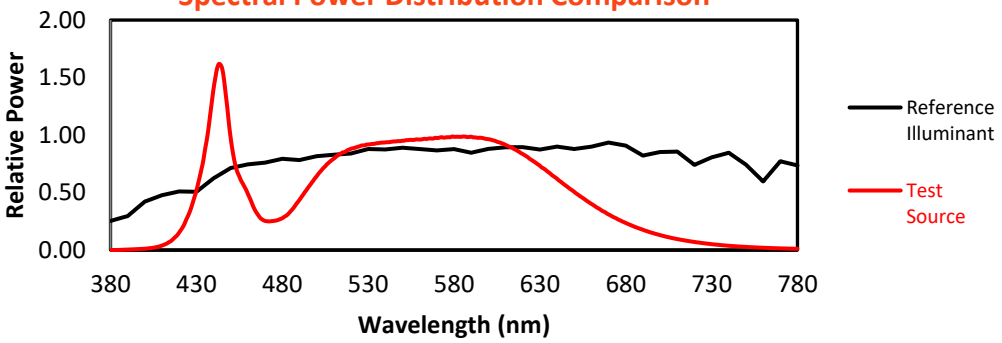
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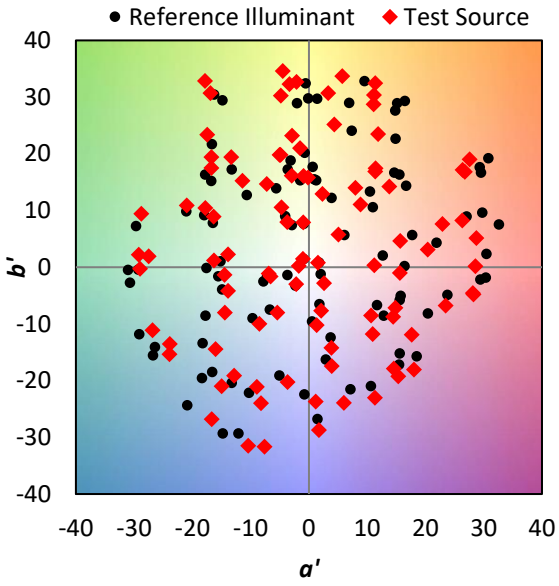
Summary

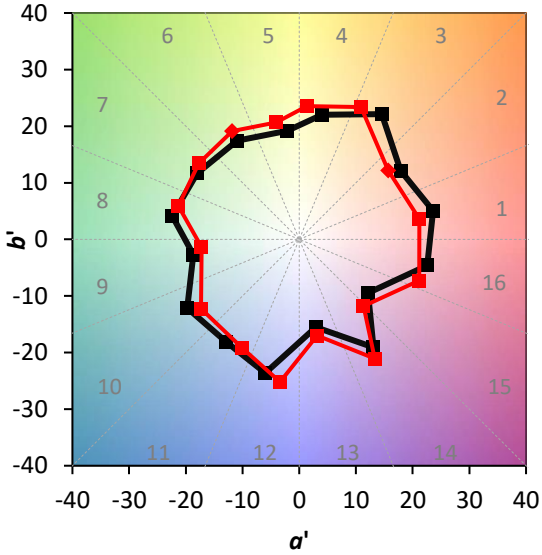
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CIE R_a = 81.1
R_9 = 8.7

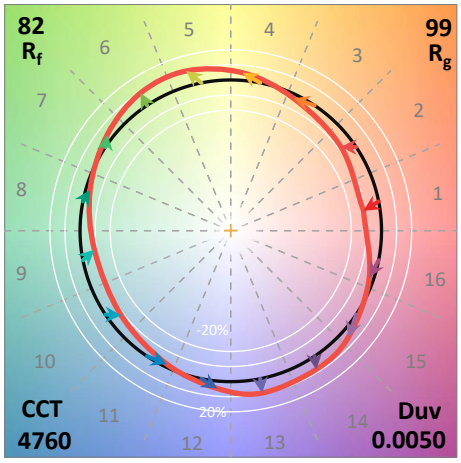
Spectral Power Distribution Comparison

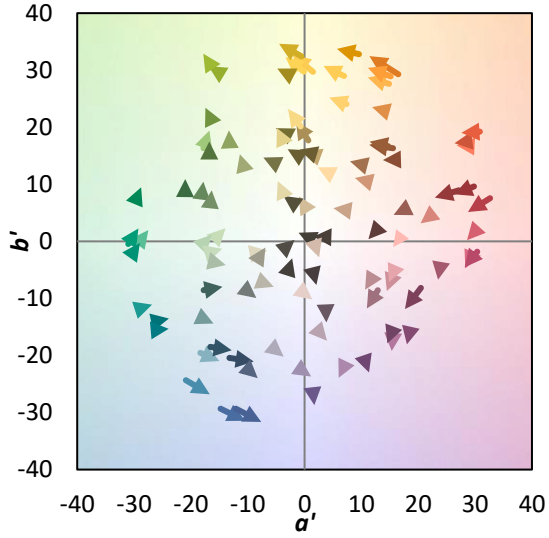


Color Vector Graphics







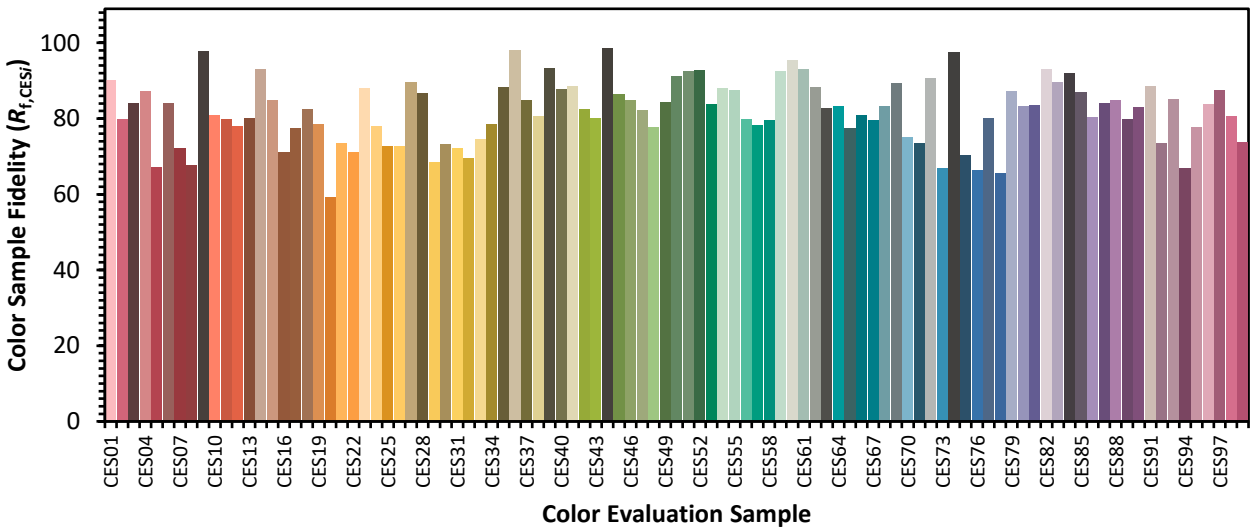


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Individual Sample Fidelity Index ($R_{f,i}$)

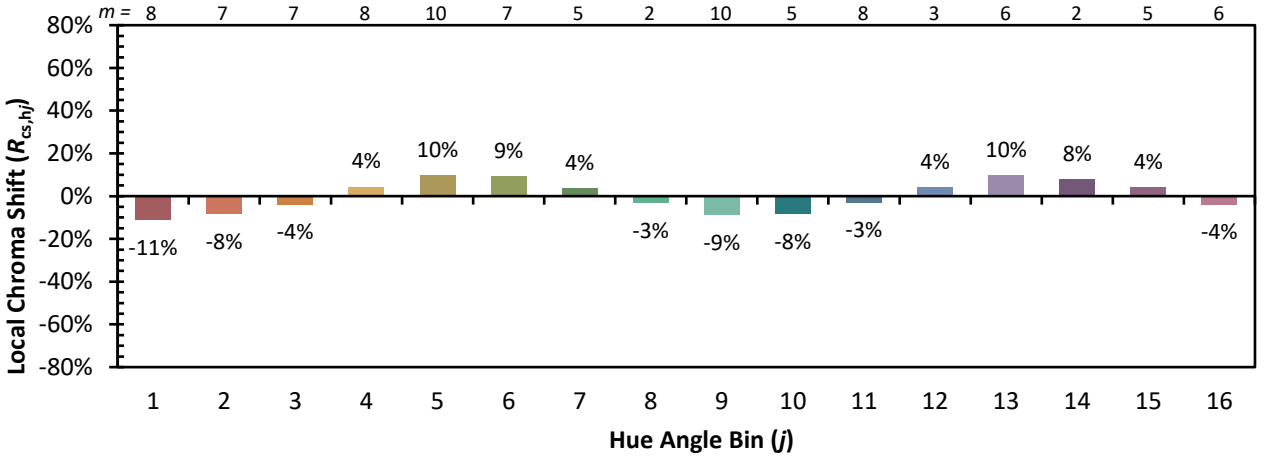
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CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
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CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

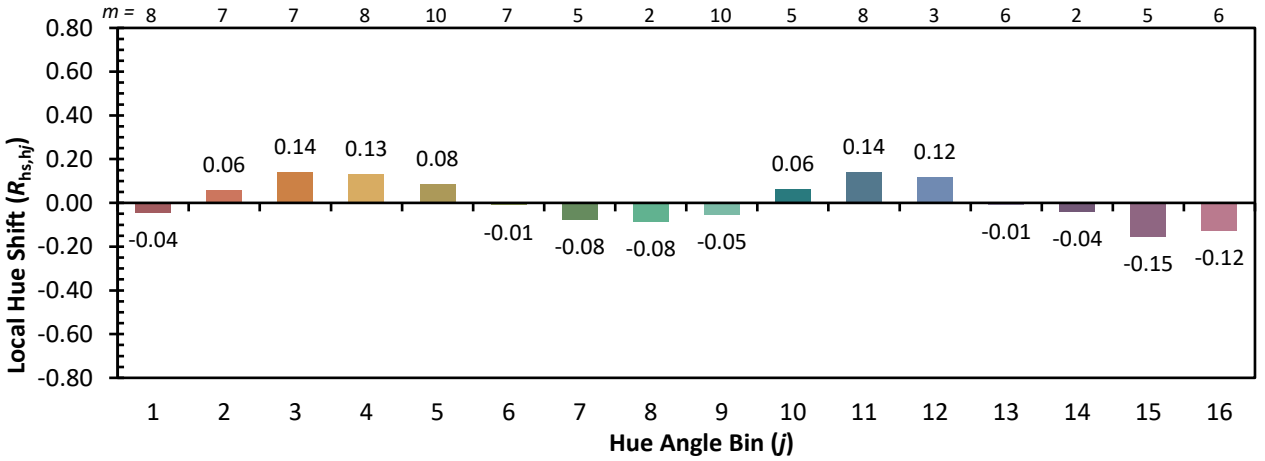


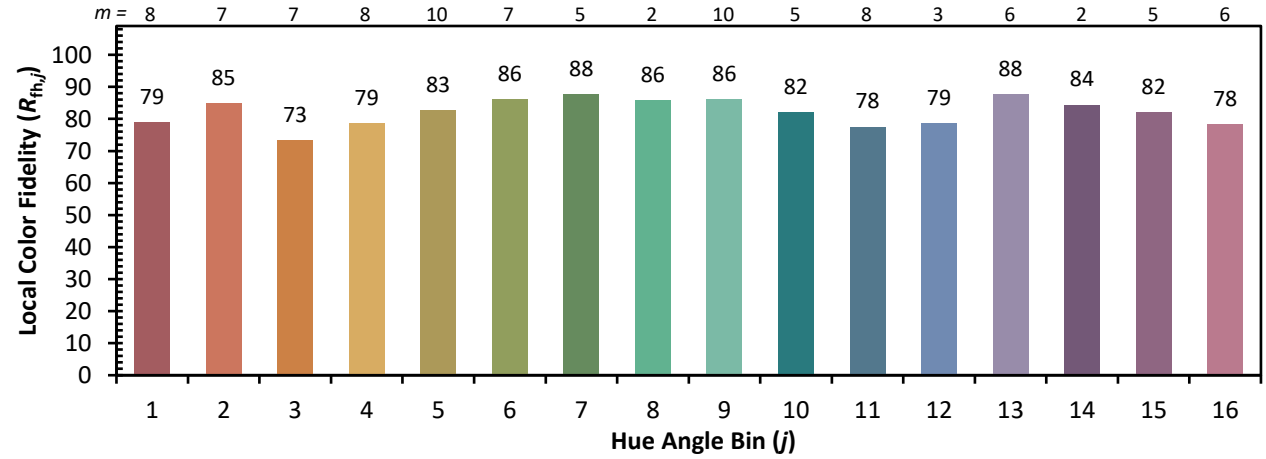
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Color Rendition by Hue-Angle Bin



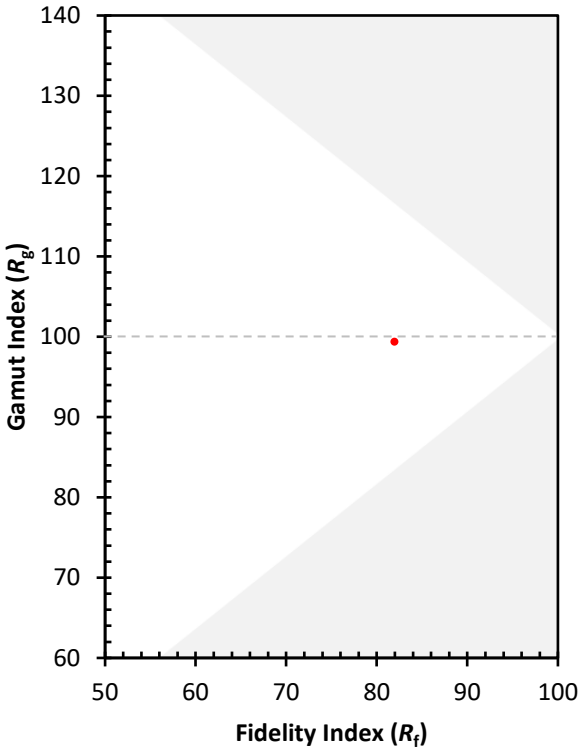


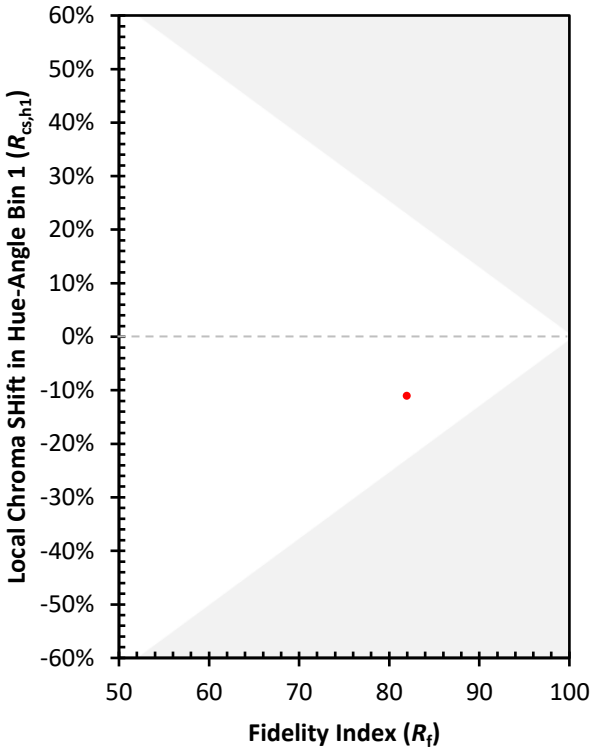


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Measure Comparisons





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