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: P1502362

Luminaire Tested: GSS-SB2B-850-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:	P1502362
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2B-850-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 74W 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8386.8 lumens
Efficiency:	N/A
Efficacy:	113.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

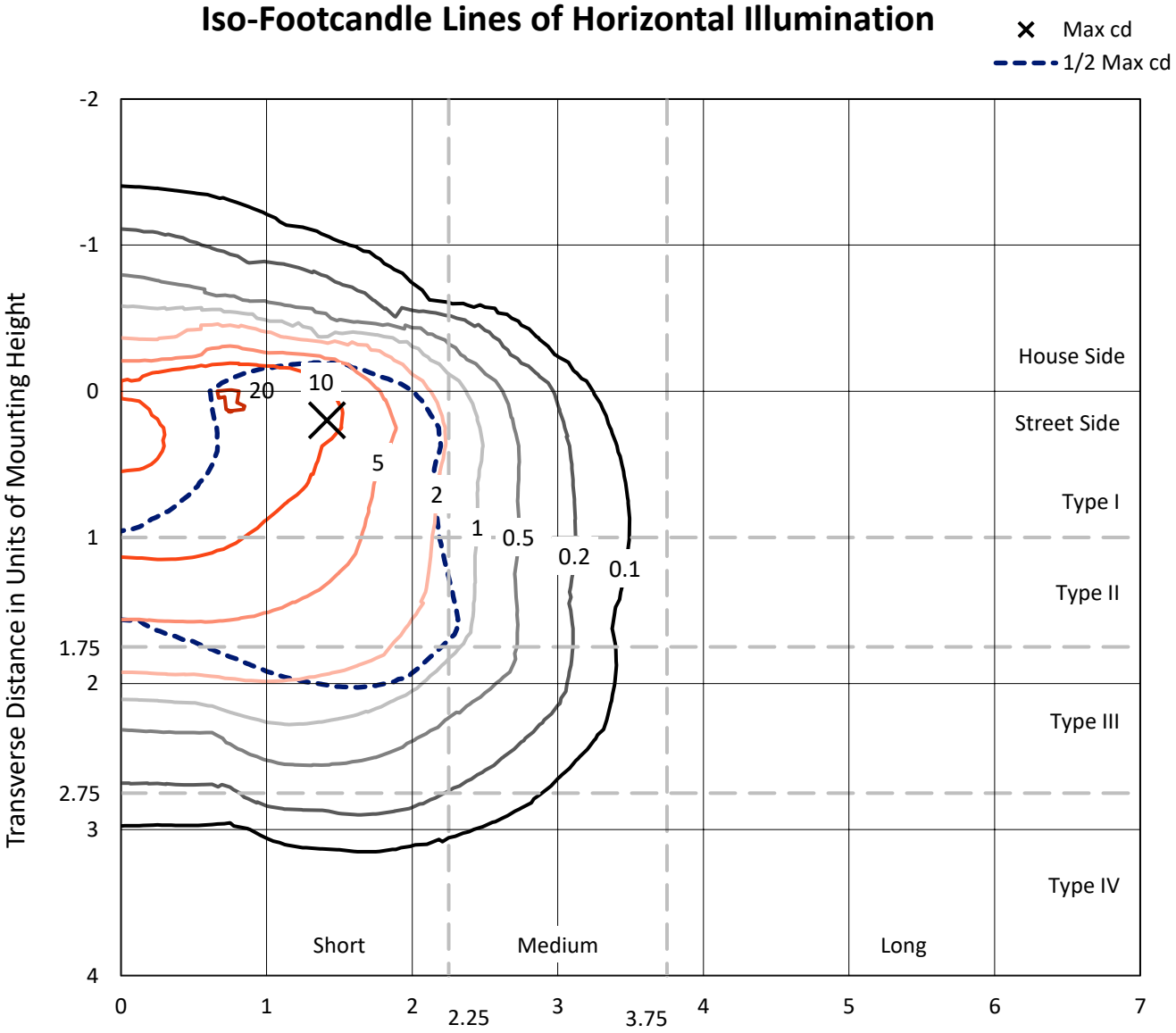
Input Watts (W):	74
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502362
CATALOG NUMBER: GSS-SB2B-850-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



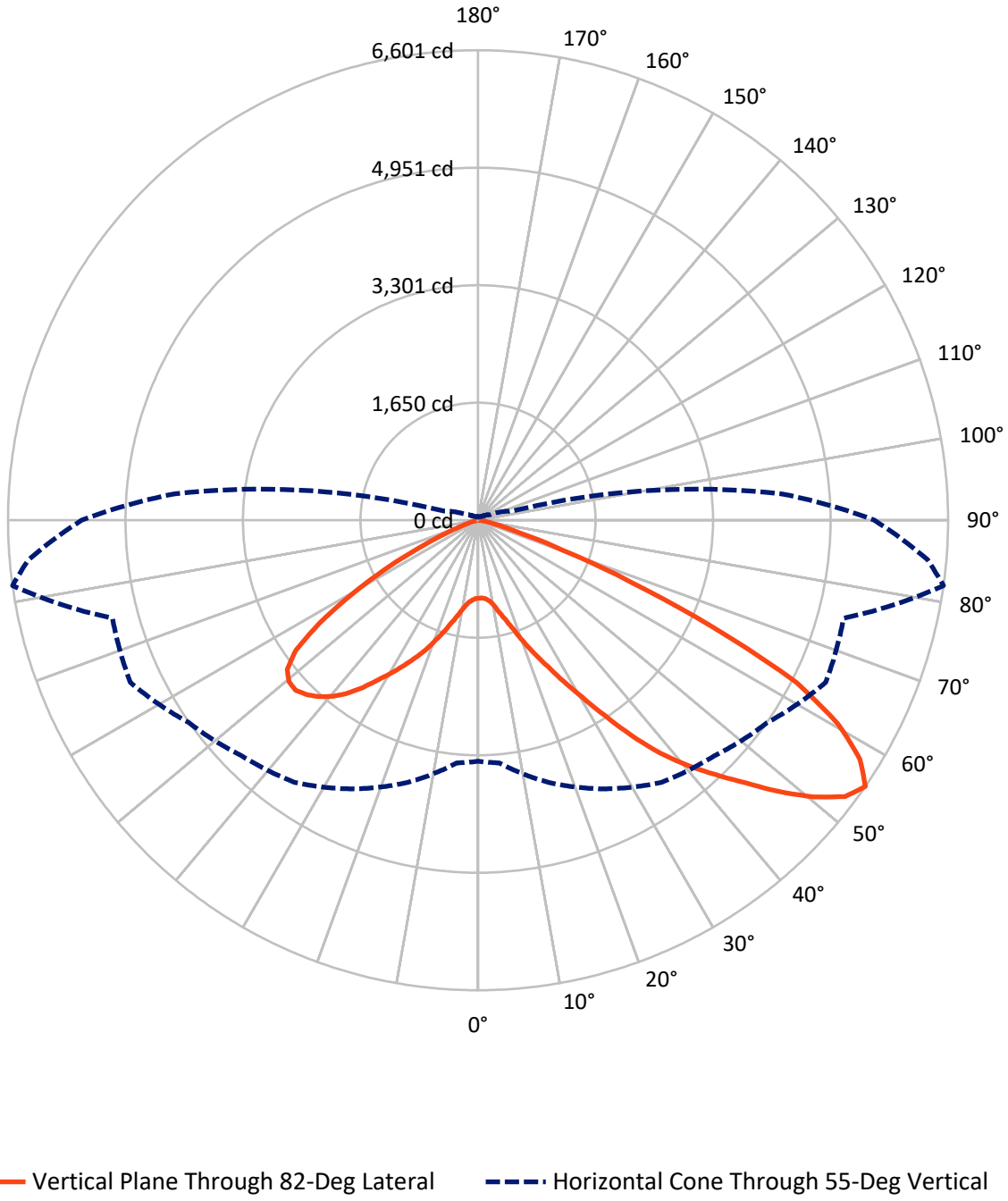
Based on 10 foot mounting height. Maximum calculated value = 20.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502362
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Luminous Intensity Polar Plot



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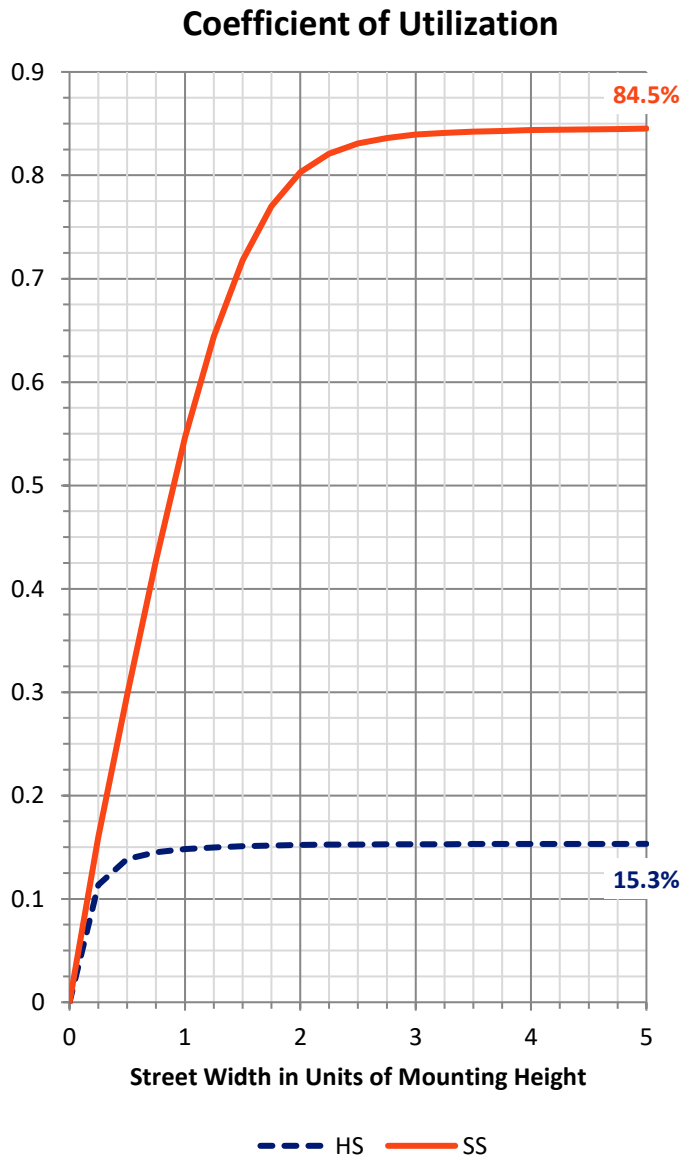
REPORT NUMBER: P1502362
CATALOG NUMBER: GSS-SB2B-850-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1296.3	0.0	1296.3
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	7090.5	0.0	7090.5
	% Fixture	84.5	0.0	84.5
Total	Lumens	8386.8	0.0	8386.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.3	1.2
10°-20°	268.7	3.2
20°-30°	537.1	6.4
30°-40°	1112.2	13.3
40°-50°	1858.0	22.2
50°-60°	2356.6	28.1
60°-70°	1761.7	21.0
70°-80°	373.2	4.4
80°-90°	20.1	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°	8386.8	100.0
0°-180°	8386.8	100.0



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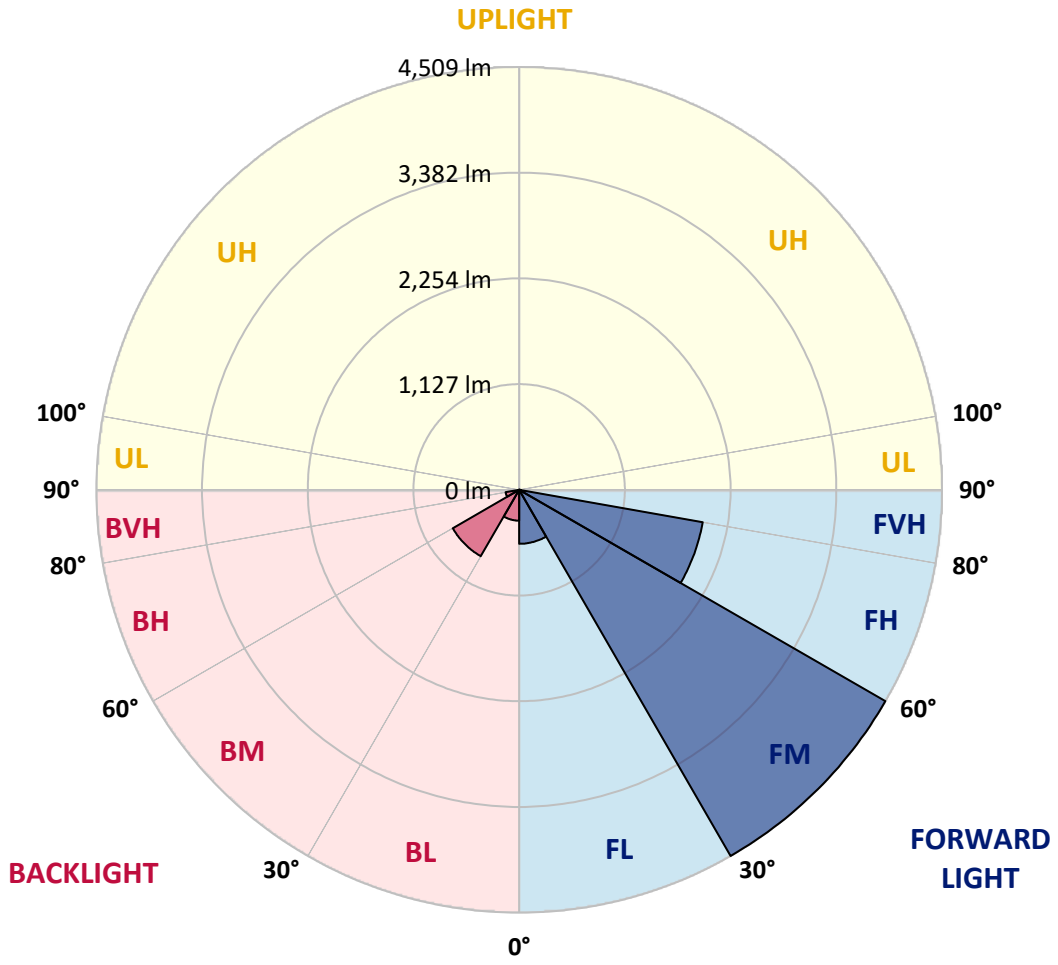
Scaled Data Report

REPORT NUMBER: P1502362
CATALOG NUMBER: GSS-SB2B-850-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	576.0	6.9			
FM	(30°-60°)	4508.9	53.8			
FH	(60°-80°)	1987.7	23.7			G2/5000
FVH	(80°-90°)	18.0	0.2			G1/100
BL	(0°-30°)	329.1	3.9	B1/500		
BM	(30°-60°)	817.9	9.8	B1/1000		
BH	(60°-80°)	147.2	1.8	B1/500		G1/500
BVH	(80°-90°)	2.1	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-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	*1094.9*	1094.9
2.5°	1065.3	1067.6	1063.0	1065.3	1069.9	1067.6	1076.7	1083.5	1090.3	*1092.6*	1094.9
5°	972.0	974.3	976.5	994.7	1006.1	1033.4	1058.5	1074.4	1097.2	*1108.6*	1110.8
7.5°	860.4	860.4	869.5	892.3	921.9	974.3	1031.2	1076.7	1119.9	*1142.7*	1147.3
10°	840.0	842.2	842.2	858.2	883.2	935.6	1008.4	1099.5	1176.8	*1211.0*	1222.4
12.5°	844.5	846.8	849.1	865.0	890.0	935.6	1028.9	1147.3	1267.9	*1324.8*	1331.6
15°	855.9	860.4	867.3	887.8	915.1	974.3	1072.1	1215.5	1377.2	*1450.0*	1468.2
17.5°	890.0	892.3	903.7	926.5	969.7	1028.9	1135.9	1304.3	1529.7	*1609.3*	1643.5
20°	942.4	946.9	962.9	994.7	1044.8	1119.9	1238.3	1420.4	1693.6	*1816.5*	1843.8
22.5°	1008.4	1008.4	1031.2	1081.2	1151.8	1236.0	1379.4	1575.2	1893.9	*2037.3*	2082.8
25°	1117.7	1115.4	1133.6	1190.5	1274.7	1397.6	1543.3	1759.6	2103.3	*2274.0*	2321.8
27.5°	1368.1	1361.2	1354.4	1356.7	1429.5	1586.6	1755.0	1991.8	2362.8	*2563.1*	2599.5
30°	1659.4	1668.5	1659.4	1636.7	1648.0	1793.7	2003.1	2276.3	2654.2	*2879.5*	2927.3
32.5°	1914.4	1918.9	1957.6	1982.7	1991.8	2060.0	2290.0	2620.0	3025.2	*3271.0*	3332.5
35°	2192.1	2198.9	2242.2	2294.5	2376.5	2437.9	2649.6	3018.4	3403.1	*3712.6*	3758.2
37.5°	2515.3	2526.7	2583.6	2658.7	2772.5	2913.7	3027.5	3380.3	3787.8	*4145.1*	4192.9
40°	2799.8	2836.3	2934.1	3029.7	3150.4	3309.7	3384.9	3696.7	4072.3	*4527.5*	4607.2
42.5°	3068.4	3088.9	3246.0	3394.0	3537.4	3667.1	3740.0	3944.8	4325.0	*4882.7*	4971.4
45°	3291.5	3307.5	3482.7	3678.5	3856.0	3985.8	3997.2	4186.1	4575.4	*5258.2*	5326.5
47.5°	3428.1	3453.1	3678.5	3901.6	4097.3	4218.0	4199.8	4493.4	4848.5	*5695.3*	5704.4
50°	3510.0	3526.0	3755.9	4045.0	4286.3	4370.5	4409.2	4787.0	5096.6	*6109.6*	6054.9
52.5°	3569.2	3594.3	3819.6	4126.9	4397.8	4511.6	4650.5	5117.1	5292.4	*6448.7*	6303.1
55°	*3384.9*	*3421.3*	*3810.5*	*4163.3*	*4493.4*	*4684.6*	*4957.8*	*5388.0*	*5315.1*	*6601.3*	*6334.9*
57.5°	3177.7	3184.5	3569.2	4152.0	4600.4	4866.7	5240.0	5408.5	5103.5	*6323.5*	6011.7
60°	2872.7	2913.7	3307.5	4004.0	4618.6	5012.4	5431.2	5160.4	4716.5	*5809.1*	5340.2
62.5°	2016.8	2080.5	2595.0	3614.8	4488.9	5092.1	5399.4	4727.9	4231.6	*5014.7*	4488.9
65°	1129.0	1183.7	1604.8	2915.9	4131.5	5073.9	5071.6	4149.7	3453.1	*3623.9*	3209.6
67.5°	619.2	662.4	833.1	2194.3	3277.9	4684.6	4381.9	3166.3	2315.0	*2301.3*	2003.1
70°	432.5	434.8	525.8	1481.9	2356.0	3268.8	3425.8	2123.8	1436.3	*1270.2*	1072.1
72.5°	211.7	214.0	261.8	698.8	1440.9	1811.9	2349.1	1104.0	805.8	*630.5*	537.2
75°	107.0	104.7	143.4	261.8	596.4	883.2	1035.7	553.1	468.9	*346.0*	307.3
77.5°	68.3	70.6	84.2	143.4	268.6	343.7	318.7	300.5	275.4	*202.6*	175.3
80°	45.5	45.5	56.9	91.1	132.0	163.9	97.9	138.9	161.6	*118.4*	102.4
82.5°	13.7	13.7	34.1	50.1	63.7	66.0	43.2	63.7	91.1	*66.0*	50.1
85°	9.1	9.1	18.2	25.0	27.3	22.8	13.7	27.3	43.2	*29.6*	25.0
87.5°	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	*2.3*	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: P1502362
CATALOG NUMBER: GSS-SB2B-850-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9
2.5°	1097.2	1099.5	1106.3	1108.6	1113.1	1115.4	1115.4	1115.4	1113.1	1115.4	1119.9
5°	1115.4	1126.8	1135.9	1133.6	1133.6	1122.2	1113.1	1094.9	1085.8	1083.5	1085.8
7.5°	1160.9	1170.0	1179.1	1165.5	1131.3	1079.0	1022.1	976.5	937.8	919.6	926.5
10°	1242.9	1254.2	1254.2	1190.5	1094.9	972.0	869.5	785.3	721.6	687.4	703.4
12.5°	1361.2	1370.3	1347.6	1213.3	1031.2	828.6	657.8	516.7	434.8	393.8	384.7
15°	1497.8	1511.5	1434.1	1208.7	931.0	619.2	409.7	307.3	277.7	268.6	270.9
17.5°	1673.1	1679.9	1529.7	1172.3	758.0	405.2	291.4	261.8	254.9	250.4	250.4
20°	1889.3	1868.8	1607.1	1110.8	553.1	318.7	268.6	245.8	239.0	236.7	239.0
22.5°	2121.5	2089.6	1670.8	994.7	418.8	300.5	257.2	232.2	223.1	220.8	220.8
25°	2365.1	2292.2	1720.9	824.0	391.5	295.9	243.6	211.7	202.6	198.0	198.0
27.5°	2642.8	2517.6	1748.2	689.7	398.4	289.1	227.6	193.5	179.8	175.3	175.3
30°	2950.1	2768.0	1750.5	662.4	412.0	280.0	211.7	173.0	159.3	152.5	154.8
32.5°	3323.4	3022.9	1743.6	705.7	421.1	273.2	193.5	152.5	141.1	134.3	134.3
35°	3710.4	3332.5	1716.3	787.6	425.7	252.7	170.7	134.3	120.6	118.4	120.6
37.5°	4095.1	3626.1	1677.6	833.1	402.9	207.1	138.9	116.1	107.0	107.0	107.0
40°	4445.6	3881.1	1625.3	794.4	321.0	150.2	113.8	100.2	95.6	93.3	95.6
42.5°	4707.4	4108.7	1529.7	669.2	227.6	120.6	100.2	88.8	84.2	84.2	86.5
45°	4994.2	4327.2	1345.3	491.7	173.0	104.7	86.5	77.4	75.1	75.1	77.4
47.5°	5283.3	4502.5	1167.7	327.8	150.2	93.3	77.4	70.6	68.3	66.0	68.3
50°	5504.1	4586.7	935.6	239.0	136.6	84.2	70.6	66.0	61.5	59.2	59.2
52.5°	5661.1	4564.0	685.2	204.9	125.2	77.4	66.0	61.5	54.6	54.6	54.6
55°	*5565.5*	*4272.6*	*494.0*	*184.4*	*116.1*	*72.8*	*63.7*	*56.9*	*52.4*	*50.1*	*50.1*
57.5°	5101.2	3642.1	357.4	166.2	102.4	68.3	61.5	54.6	47.8	45.5	45.5
60°	4434.2	2836.3	266.3	145.7	88.8	66.0	54.6	52.4	45.5	41.0	41.0
62.5°	3623.9	2064.6	207.1	125.2	79.7	56.9	52.4	47.8	41.0	36.4	34.1
65°	2515.3	1318.0	159.3	102.4	75.1	50.1	47.8	41.0	34.1	27.3	27.3
67.5°	1552.4	783.0	122.9	79.7	59.2	43.2	41.0	36.4	29.6	22.8	22.8
70°	858.2	414.3	84.2	59.2	45.5	34.1	31.9	31.9	25.0	20.5	18.2
72.5°	412.0	225.4	56.9	50.1	34.1	22.8	25.0	25.0	20.5	15.9	15.9
75°	248.1	134.3	38.7	38.7	22.8	18.2	18.2	20.5	15.9	11.4	11.4
77.5°	141.1	79.7	22.8	29.6	15.9	11.4	13.7	11.4	9.1	6.8	6.8
80°	79.7	45.5	13.7	20.5	9.1	6.8	6.8	4.6	4.6	2.3	2.3
82.5°	38.7	25.0	6.8	6.8	4.6	2.3	2.3	2.3	2.3	0.0	0.0
85°	18.2	4.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	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: SP1-2407-184-12

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

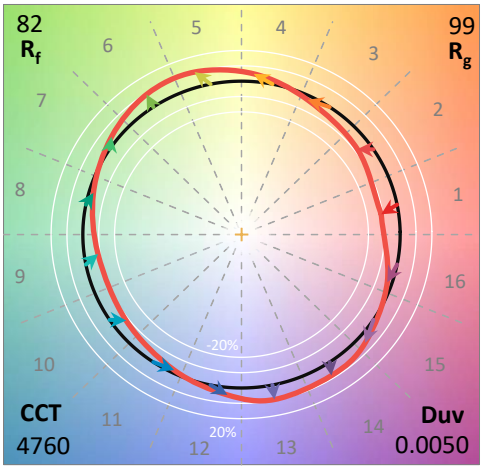
Test Information

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

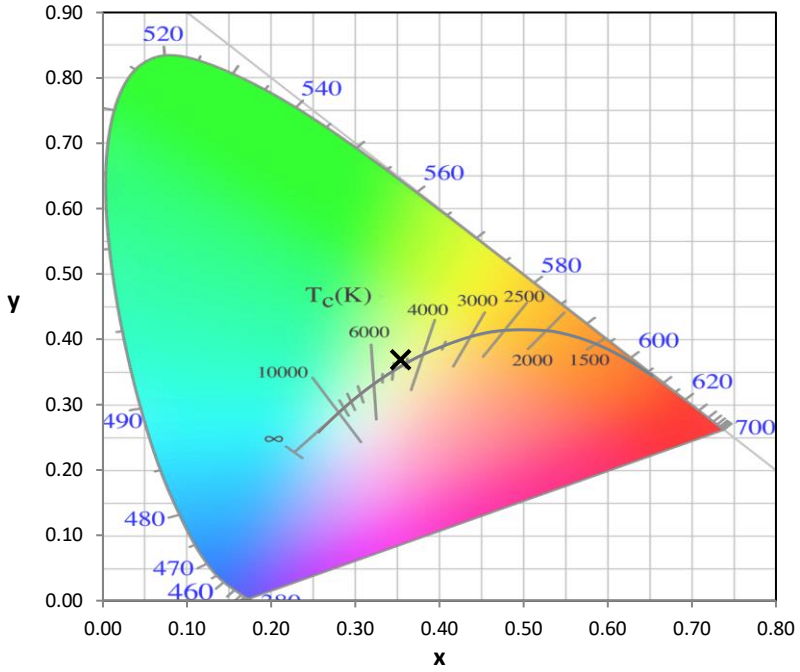
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

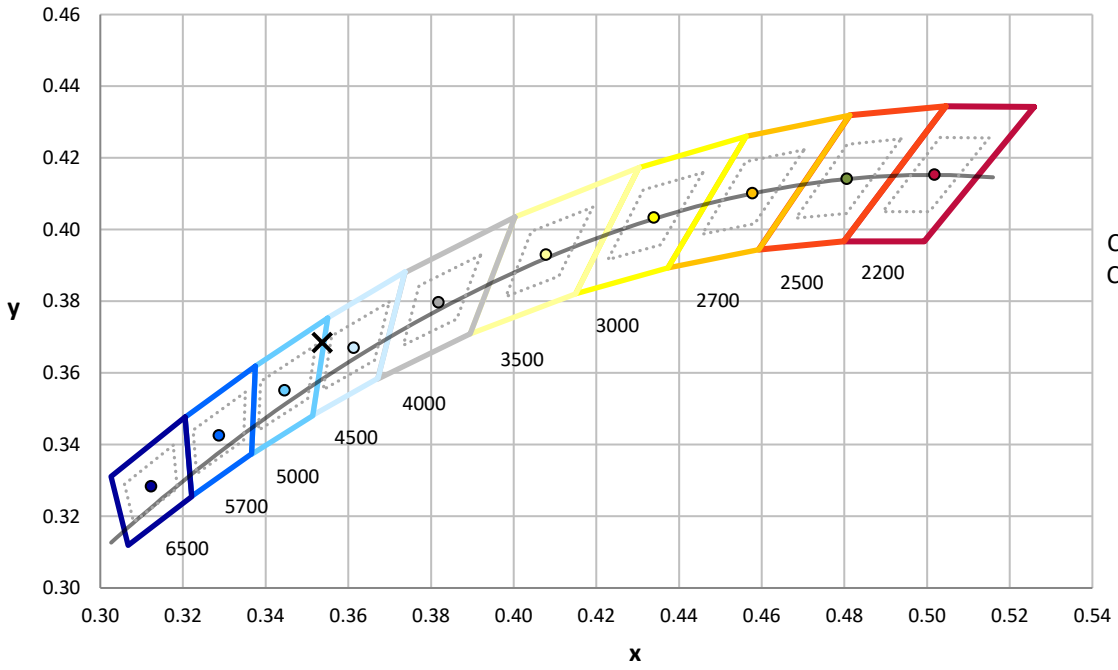
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

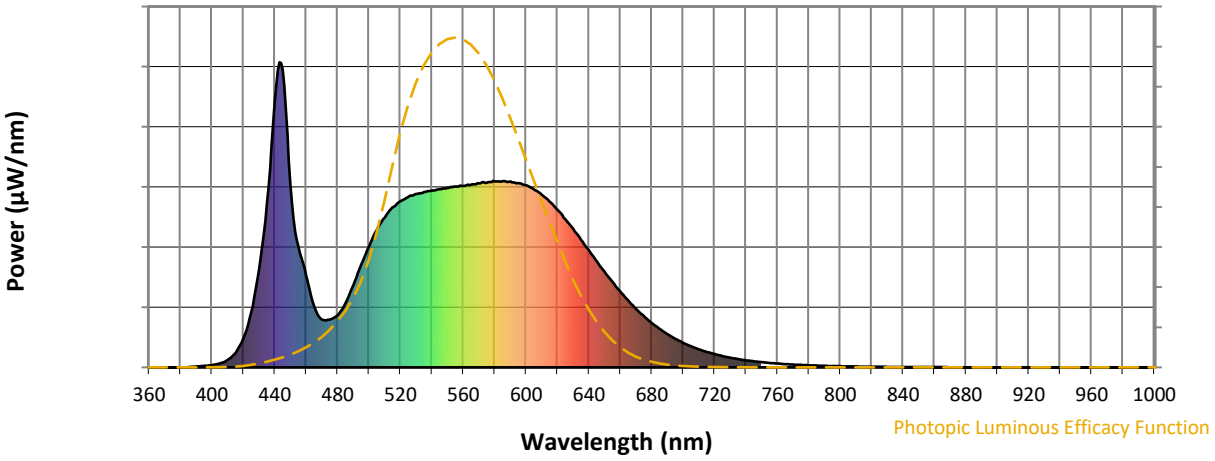


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

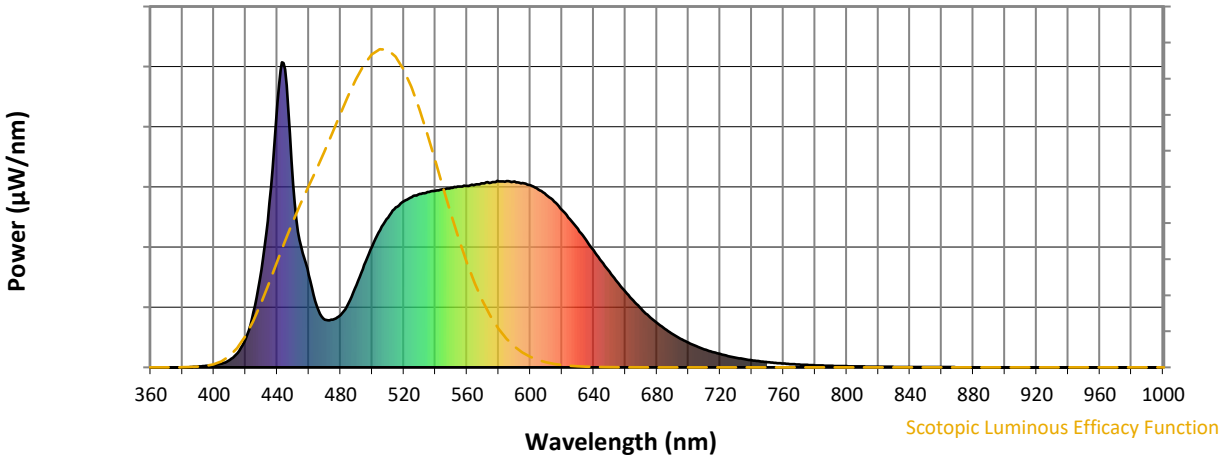


Photopic Lumens: NR

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

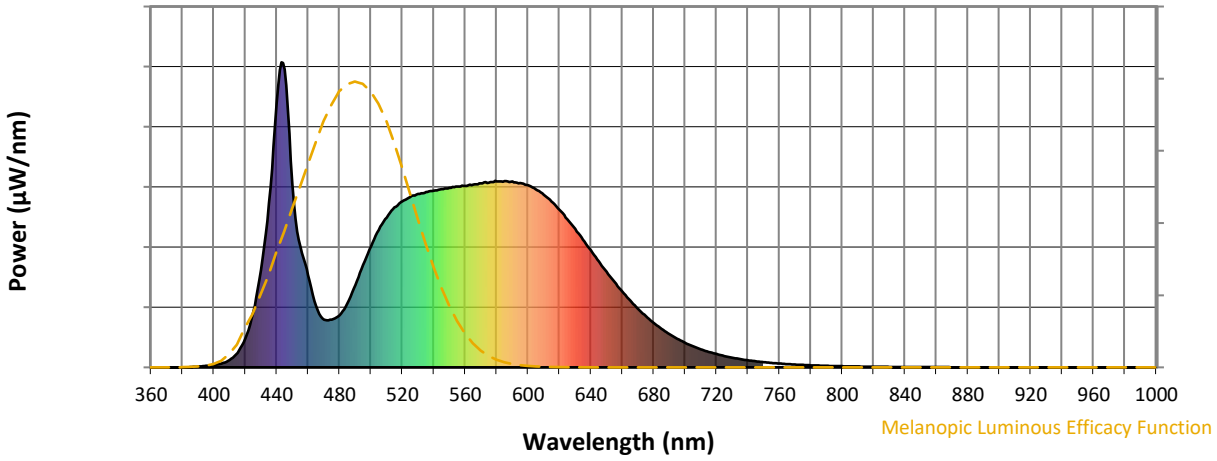


Scotopic Lumens: NR **S/P: 1.83**

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			

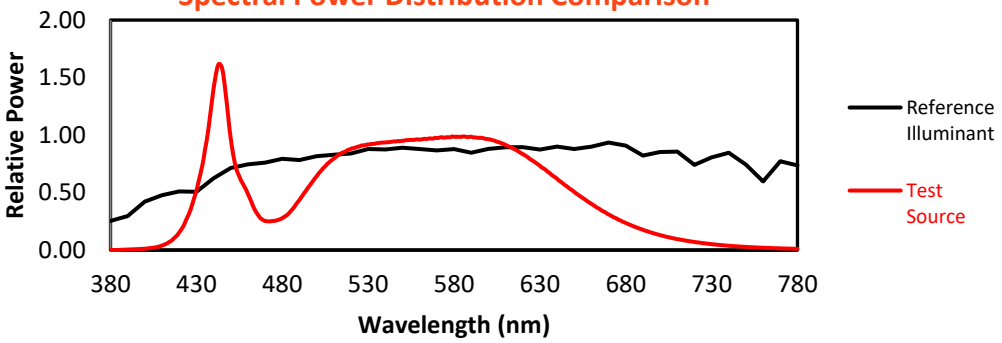
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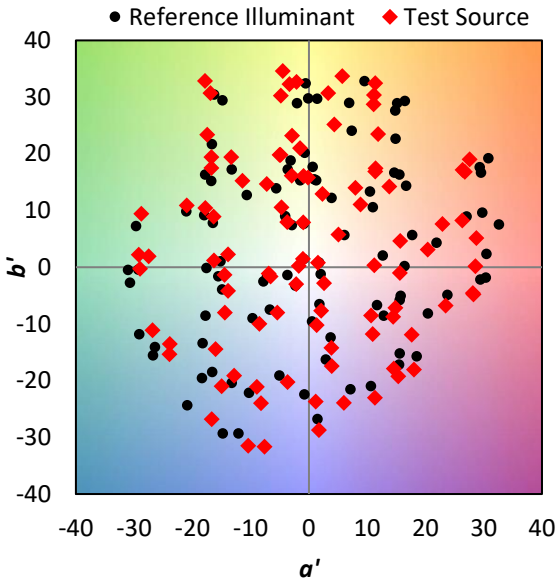
Summary

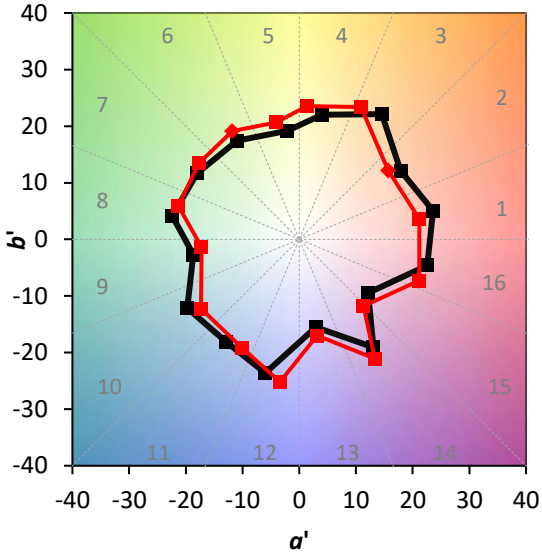
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R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

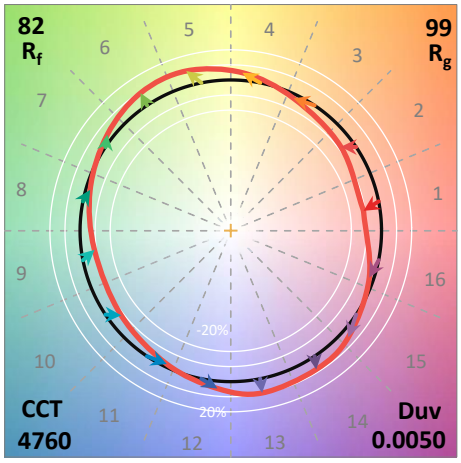
Spectral Power Distribution Comparison

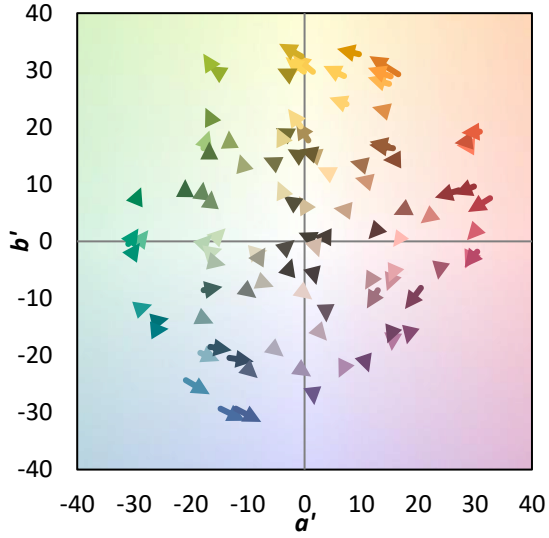


Color Vector Graphics







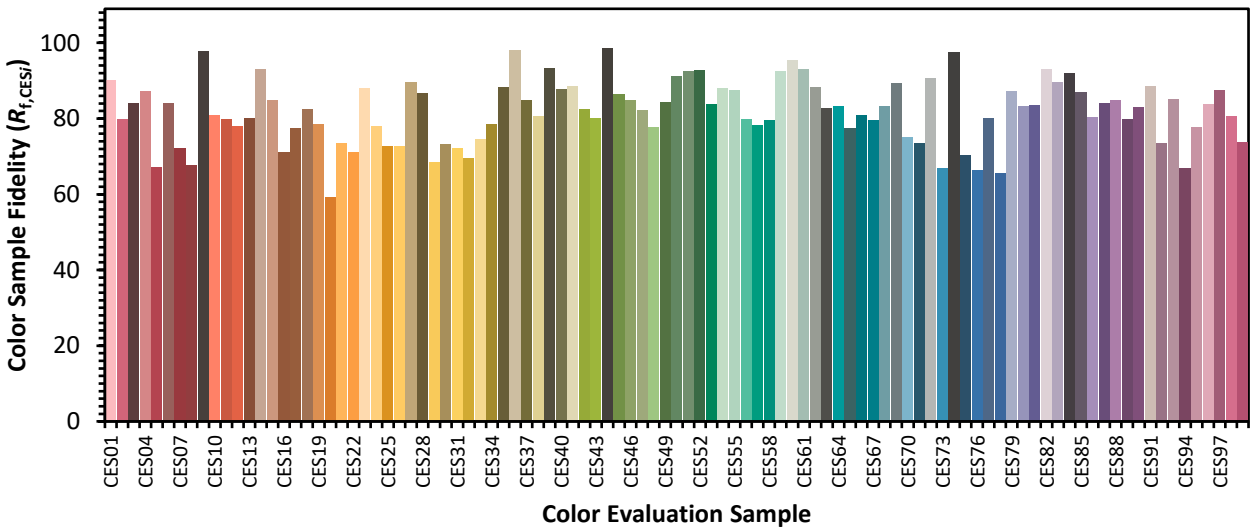


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Individual Sample Fidelity Index ($R_{f,i}$)

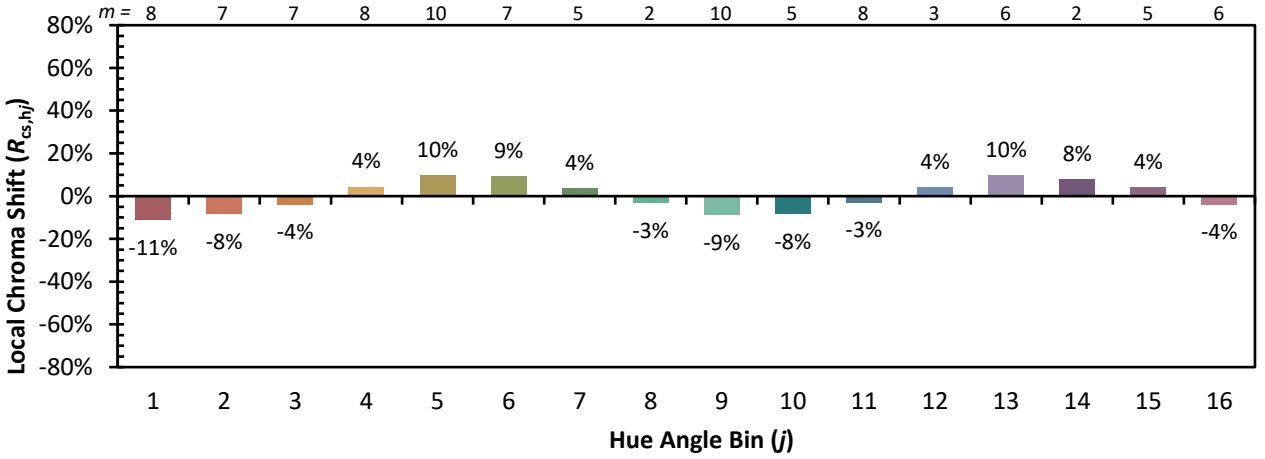
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 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	

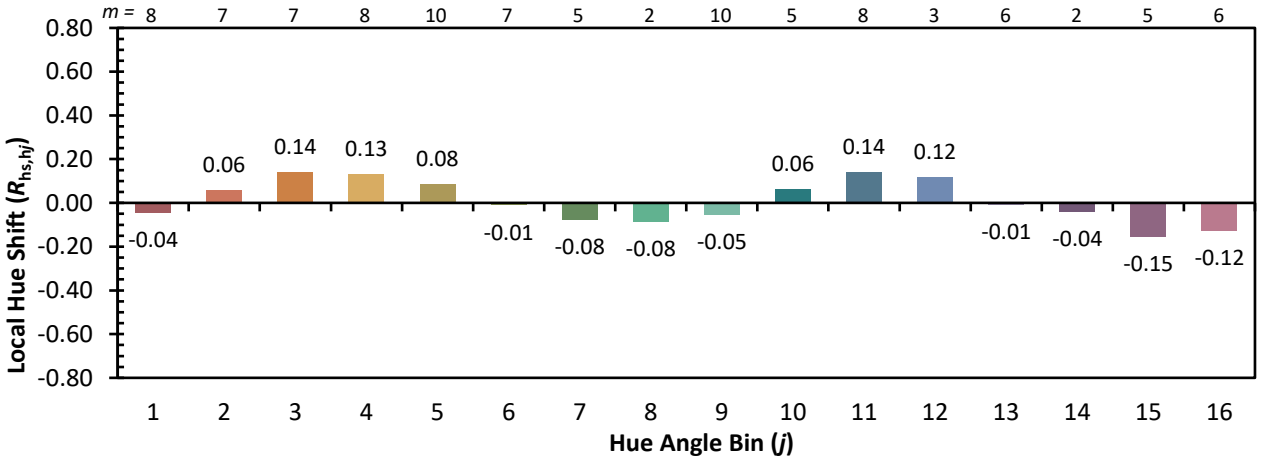


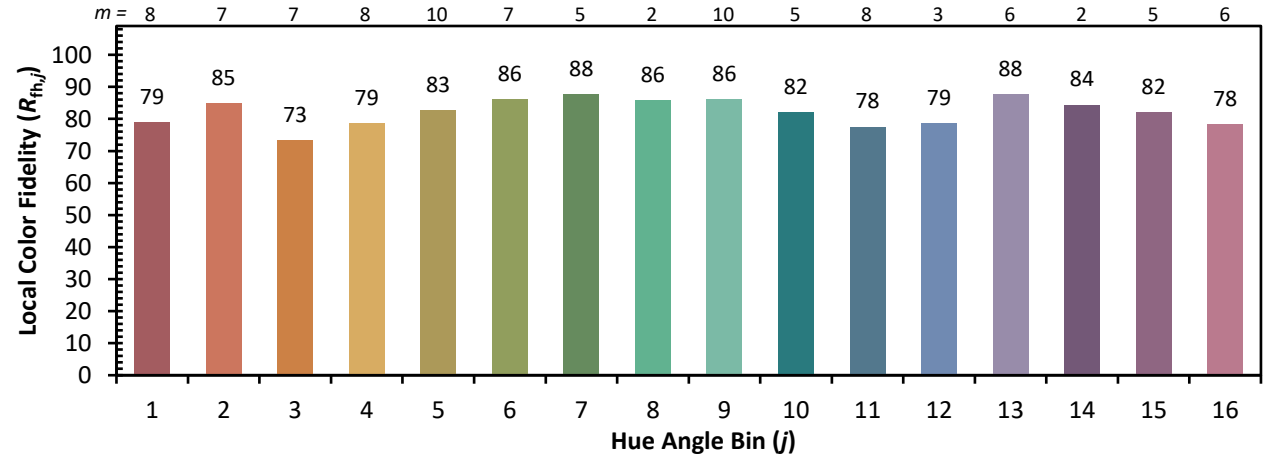
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Color Rendition by Hue-Angle Bin



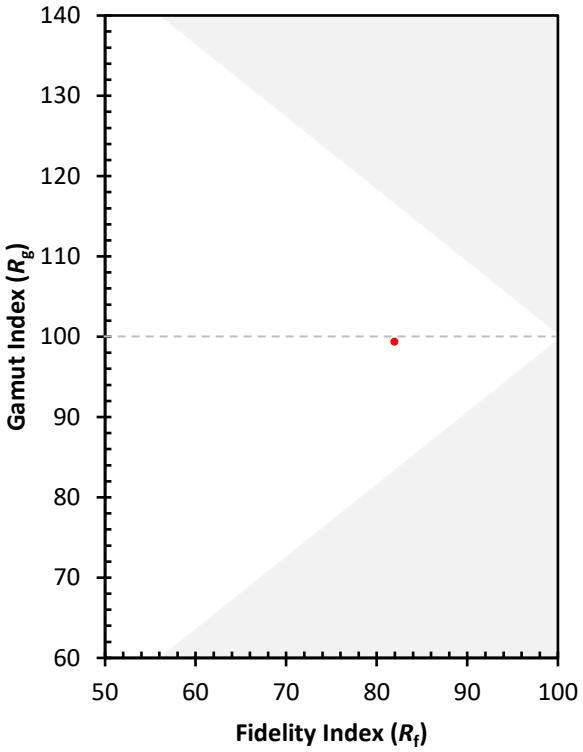


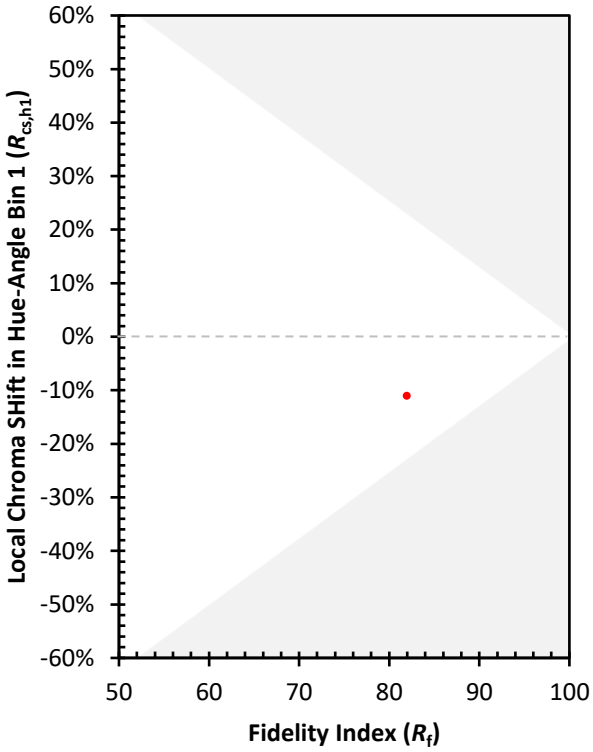


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Measure Comparisons





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