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: P1502527

Luminaire Tested: GSS-SB1C-727-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:	P1502527
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-727-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 70CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5061.6 lumens
Efficiency:	N/A
Efficacy:	97.3 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

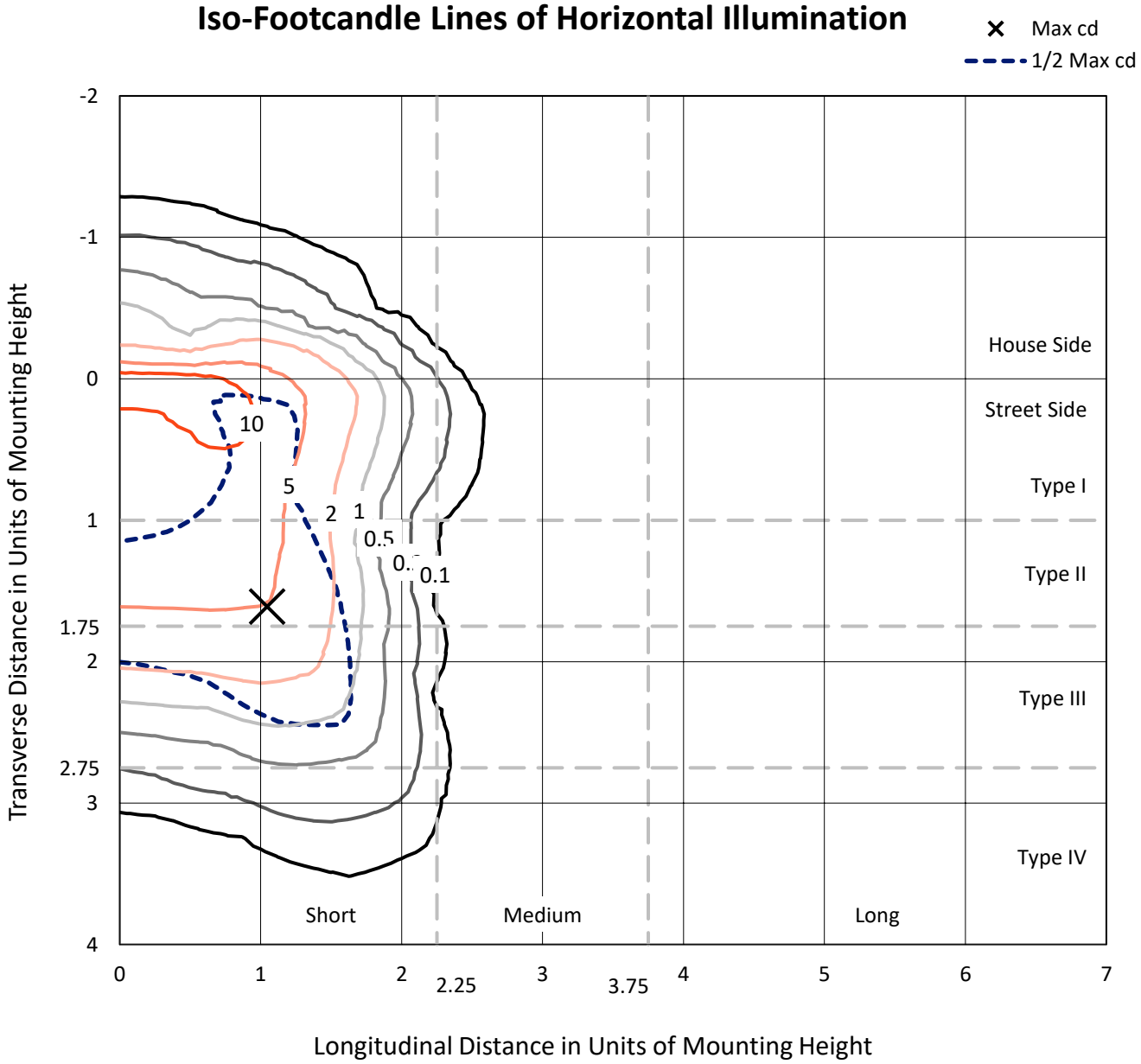
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502527
CATALOG NUMBER: GSS-SB1C-727-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



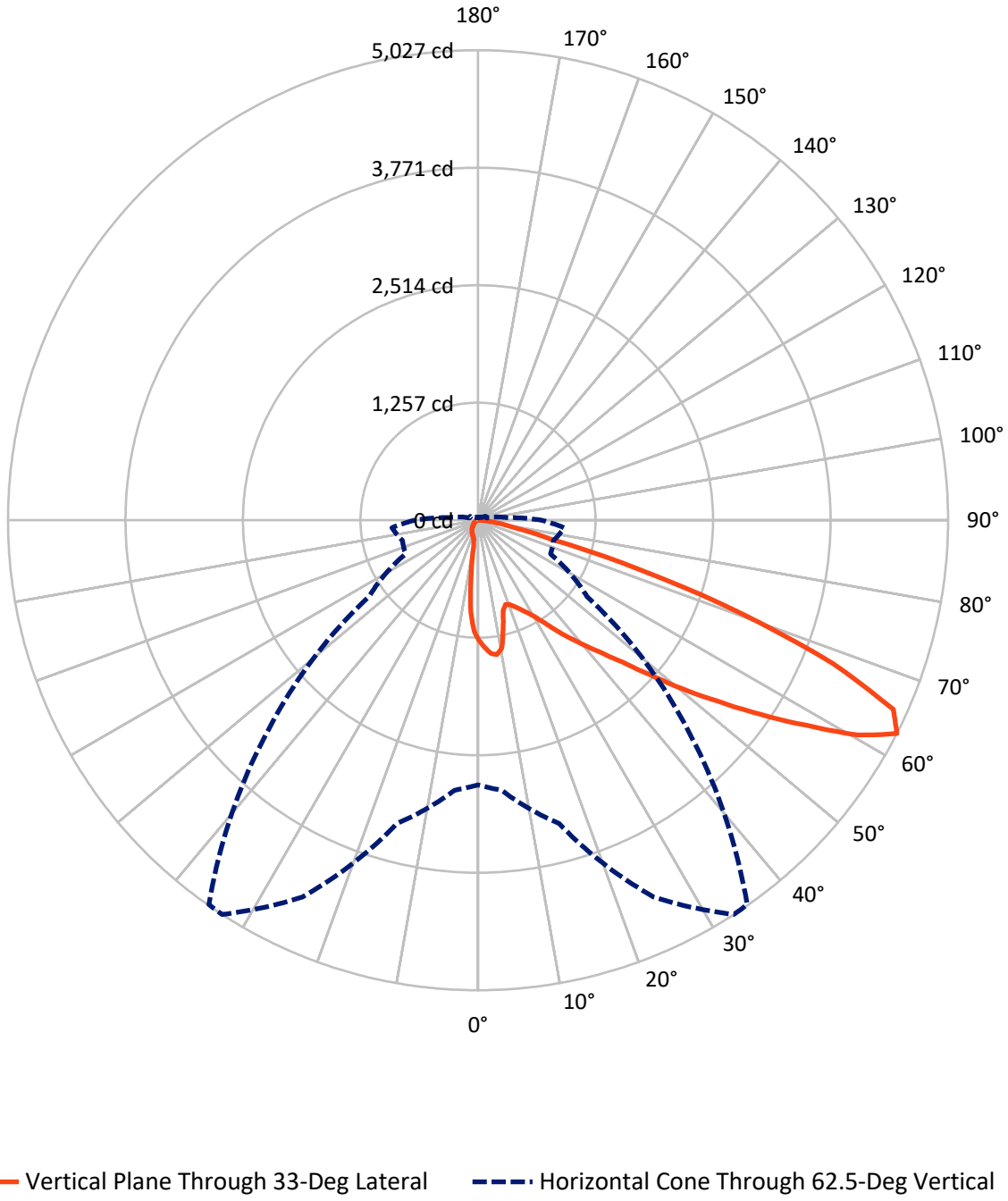
Based on 10 foot mounting height. Maximum calculated value = 15.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1502527
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Luminous Intensity Polar Plot



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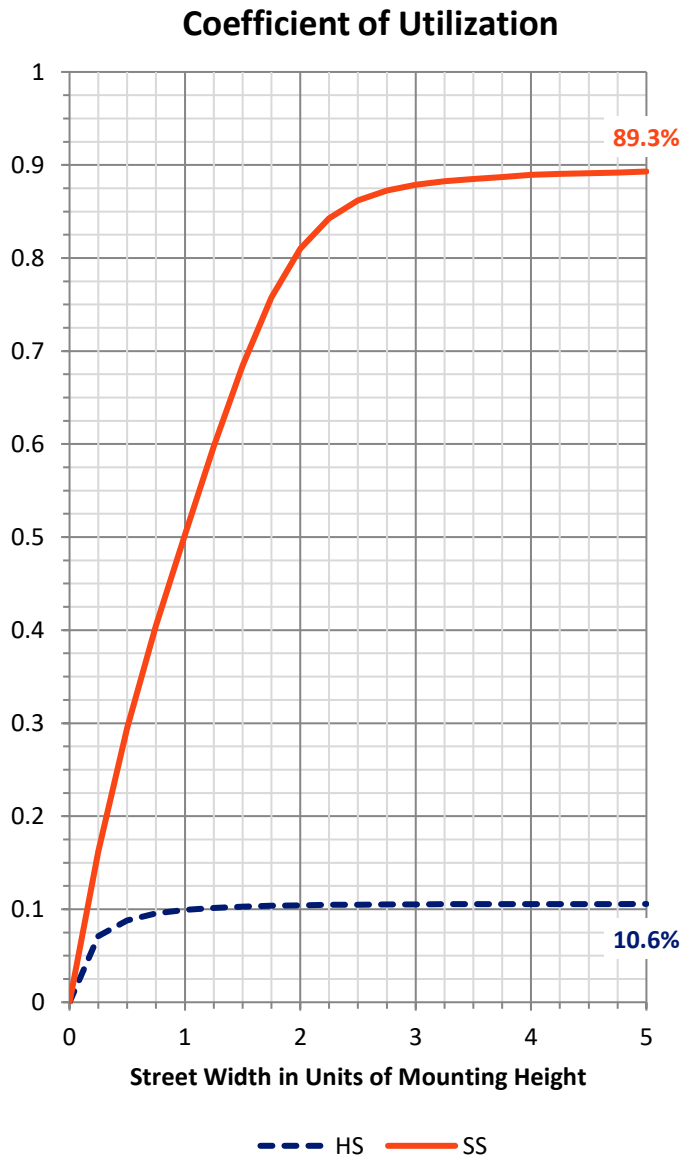
REPORT NUMBER: P1502527
CATALOG NUMBER: GSS-SB1C-727-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	538.6	0.0	538.6
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	4523.0	0.0	4523.0
	% Fixture	89.4	0.0	89.4
Total	Lumens	5061.6	0.0	5061.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.3	2.2
10°-20°	243.9	4.8
20°-30°	393.1	7.8
30°-40°	654.0	12.9
40°-50°	1033.7	20.4
50°-60°	1388.8	27.4
60°-70°	1019.5	20.1
70°-80°	201.8	4.0
80°-90°	17.5	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°	5061.6	100.0
0°-180°	5061.6	100.0



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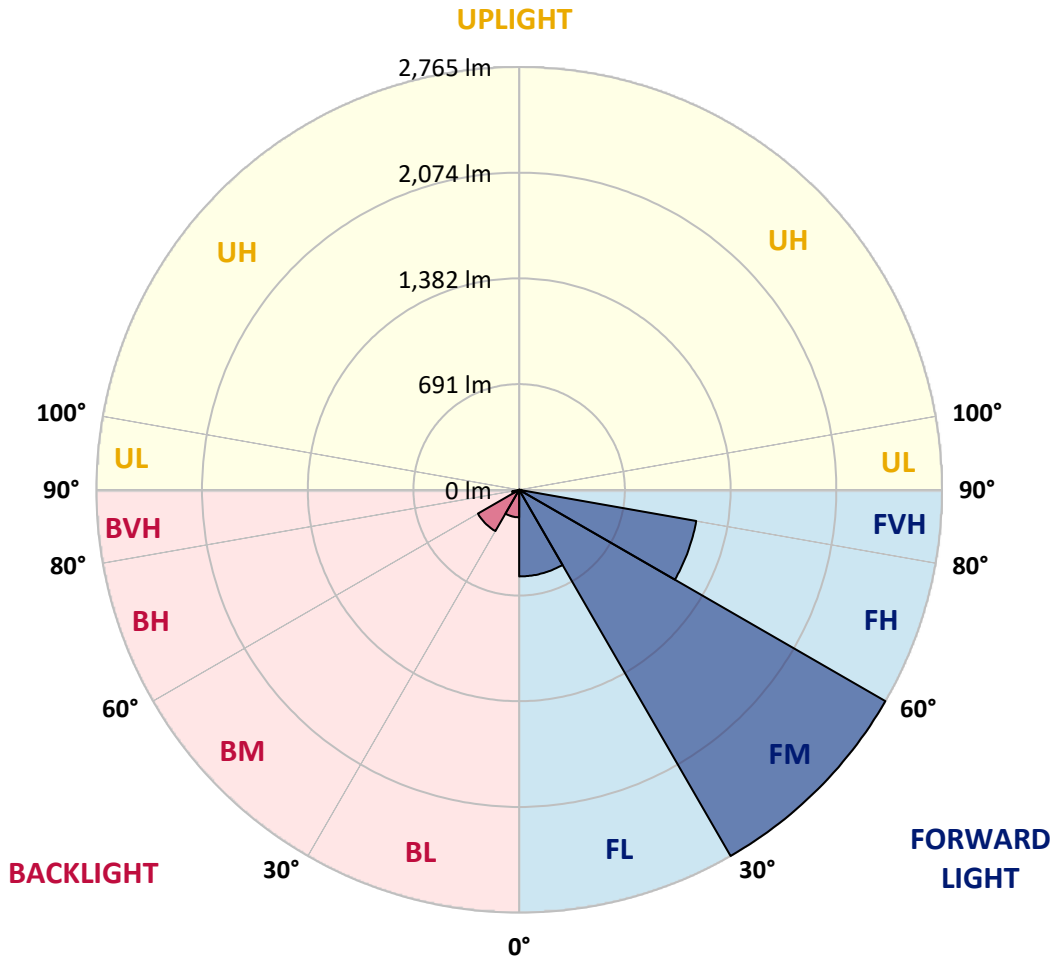
Scaled Data Report

REPORT NUMBER: P1502527
CATALOG NUMBER: GSS-SB1C-727-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	566.7	11.2			
FM	(30°-60°)	2764.9	54.6			
FH	(60°-80°)	1175.2	23.2			G1/1800
FVH	(80°-90°)	16.2	0.3			G1/100
BL	(0°-30°)	179.7	3.6	B1/500		
BM	(30°-60°)	311.6	6.2	B1/1000		
BH	(60°-80°)	46.0	0.9	B0/110		G0/110
BVH	(80°-90°)	1.3	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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REPORT NUMBER: P1502527
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7
2.5°	1369.8	1375.5	1375.5	1364.1	1361.3	1355.6	1349.9	1348.4	1329.9	1315.6	1301.4
5°	1439.7	1438.2	1436.8	1431.1	1432.5	1425.4	1421.1	1414.0	1382.6	1361.3	1322.8
7.5°	1409.7	1422.5	1428.3	1443.9	1451.1	1449.6	1461.0	1463.9	1436.8	1406.9	1348.4
10°	1214.4	1207.3	1258.6	1325.6	1392.6	1408.3	1469.6	1502.4	1492.4	1465.3	1389.8
12.5°	962.1	969.3	1004.9	1083.3	1193.1	1227.3	1404.0	1533.7	1562.2	1545.1	1446.8
15°	880.9	880.9	899.4	936.5	1002.1	1034.8	1252.9	1529.5	1636.4	1637.8	1518.1
17.5°	863.8	866.6	882.3	906.6	949.3	963.6	1116.1	1466.7	1709.1	1734.7	1597.9
20°	866.6	870.9	888.0	922.2	963.6	980.7	1080.5	1386.9	1770.3	1840.2	1682.0
22.5°	876.6	875.2	905.1	950.7	1003.5	1019.2	1110.4	1354.1	1821.7	1961.3	1780.3
25°	888.0	889.4	927.9	992.1	1056.2	1074.8	1177.4	1384.1	1858.7	2091.1	1880.1
27.5°	922.2	926.5	973.5	1043.4	1118.9	1143.2	1264.3	1462.5	1922.9	2216.5	1988.4
30°	975.0	979.2	1033.4	1117.5	1198.8	1235.8	1372.7	1560.8	2018.4	2361.9	2099.6
32.5°	1036.3	1042.0	1111.8	1208.7	1307.1	1342.7	1496.7	1710.5	2145.2	2510.1	2215.1
35°	1113.2	1128.9	1204.5	1319.9	1452.5	1486.7	1649.2	1880.1	2310.6	2642.7	2313.4
37.5°	1218.7	1231.5	1324.2	1468.2	1602.1	1647.8	1820.2	2058.3	2460.2	2761.0	2393.2
40°	1347.0	1358.4	1462.5	1619.3	1758.9	1797.4	1999.8	2237.9	2621.3	2826.6	2410.4
42.5°	1560.8	1592.2	1657.7	1790.3	1940.0	1988.4	2199.4	2411.8	2738.2	2839.4	2383.3
45°	1934.3	1944.2	1958.5	2021.2	2165.2	2207.9	2410.4	2562.9	2808.0	2842.2	2359.0
47.5°	2292.0	2326.3	2346.2	2374.7	2461.7	2477.3	2631.3	2698.3	2863.6	2832.3	2359.0
50°	2649.8	2675.5	2709.7	2743.9	2836.5	2842.2	2865.1	2789.5	2866.5	2751.0	2344.8
52.5°	2974.8	2983.4	3041.8	3107.4	3222.8	3254.2	3081.7	2856.5	2694.0	2494.4	2277.8
55°	3265.6	3277.0	3365.4	3499.4	3664.7	3706.0	3346.8	2726.8	2324.8	2162.3	2122.4
57.5°	3453.7	3480.8	3657.6	3952.6	4139.4	4120.8	3552.1	2423.2	1867.3	1768.9	1847.3
60°	3359.7	3396.7	3768.8	4333.2	4665.3	4611.2	3495.1	1994.1	1379.8	1308.5	1462.5
62.5°	2830.8	2899.3	3359.7	4445.8	5027.4	5018.8	3172.9	1422.5	855.2	836.7	923.7
65°	1968.5	2086.8	2632.7	4069.5	4882.0	4894.8	2671.2	828.2	396.3	491.8	540.2
67.5°	1160.3	1244.4	1696.2	3322.6	4096.6	3978.3	1816.0	383.4	198.1	299.3	286.5
70°	510.3	567.3	972.1	2302.0	2984.8	2793.8	886.6	186.7	151.1	181.0	158.2
72.5°	280.8	306.5	511.7	1215.9	1816.0	1726.2	299.3	124.0	129.7	135.4	114.0
75°	156.8	168.2	269.4	702.7	798.2	742.6	145.4	81.2	109.8	109.8	84.1
77.5°	91.2	101.2	168.2	437.6	437.6	353.5	88.4	51.3	82.7	74.1	45.6
80°	42.8	48.5	92.7	242.3	276.5	228.1	49.9	35.6	54.2	47.0	29.9
82.5°	12.8	15.7	45.6	94.1	156.8	134.0	25.7	22.8	39.9	29.9	17.1
85°	8.6	10.0	22.8	38.5	77.0	67.0	8.6	7.1	17.1	14.3	7.1
87.5°	1.4	1.4	2.9	2.9	2.9	2.9	1.4	1.4	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: P1502527
CATALOG NUMBER: GSS-SB1C-727-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7	1285.7
2.5°	1292.8	1282.9	1260.1	1238.7	1227.3	1201.6	1191.6	1180.2	1174.5	1173.1	1164.6
5°	1298.5	1280.0	1223.0	1166.0	1106.1	1049.1	990.7	939.3	898.0	899.4	900.9
7.5°	1315.6	1278.6	1178.8	1064.8	936.5	788.2	630.0	511.7	436.2	420.5	406.2
10°	1338.5	1284.3	1124.6	913.7	661.4	416.2	293.6	250.9	232.3	228.1	229.5
12.5°	1381.2	1298.5	1056.2	705.6	366.3	239.5	212.4	205.3	202.4	202.4	202.4
15°	1434.0	1318.5	949.3	461.8	239.5	199.6	193.9	192.4	189.6	189.6	191.0
17.5°	1478.1	1318.5	808.2	300.8	196.7	185.3	181.0	179.6	179.6	181.0	179.6
20°	1526.6	1308.5	650.0	226.6	182.5	172.5	169.6	169.6	169.6	171.0	171.0
22.5°	1576.5	1291.4	503.2	193.9	169.6	161.1	159.6	161.1	162.5	163.9	163.9
25°	1632.1	1270.0	397.7	179.6	158.2	151.1	151.1	151.1	152.5	155.4	156.8
27.5°	1693.4	1251.5	340.7	171.0	148.2	141.1	141.1	142.5	145.4	146.8	148.2
30°	1750.4	1251.5	322.1	175.3	144.0	135.4	132.6	134.0	136.8	139.7	139.7
32.5°	1821.7	1265.8	332.1	193.9	142.5	126.9	124.0	124.0	126.9	128.3	128.3
35°	1881.5	1292.8	366.3	219.5	148.2	119.7	114.0	112.6	115.5	114.0	115.5
37.5°	1930.0	1329.9	429.0	253.7	159.6	111.2	104.1	99.8	99.8	99.8	99.8
40°	1944.2	1367.0	508.9	276.5	158.2	101.2	91.2	86.9	85.5	84.1	84.1
42.5°	1924.3	1384.1	573.0	275.1	141.1	94.1	81.2	75.5	71.3	69.8	69.8
45°	1908.6	1392.6	595.8	239.5	128.3	85.5	72.7	65.6	61.3	59.9	58.4
47.5°	1910.0	1401.2	561.6	195.3	116.9	78.4	65.6	58.4	54.2	52.7	51.3
50°	1915.7	1386.9	476.1	162.5	106.9	71.3	58.4	52.7	48.5	47.0	45.6
52.5°	1855.9	1311.4	335.0	142.5	98.4	67.0	52.7	48.5	44.2	42.8	42.8
55°	1699.1	1130.3	226.6	126.9	91.2	61.3	48.5	45.6	41.3	38.5	38.5
57.5°	1448.2	852.4	156.8	115.5	79.8	55.6	45.6	41.3	37.1	34.2	34.2
60°	1107.5	555.9	114.0	105.5	65.6	51.3	42.8	39.9	34.2	31.4	29.9
62.5°	*674.2*	*312.2*	*92.7*	*92.7*	*55.6*	*48.5*	*38.5*	*35.6*	*29.9*	*25.7*	*24.2*
65°	390.6	183.9	75.5	78.4	48.5	44.2	34.2	29.9	24.2	20.0	18.5
67.5°	188.2	106.9	59.9	55.6	42.8	37.1	29.9	25.7	21.4	17.1	15.7
70°	115.5	82.7	45.6	39.9	34.2	28.5	24.2	22.8	18.5	14.3	14.3
72.5°	94.1	67.0	35.6	28.5	25.7	20.0	20.0	18.5	14.3	11.4	10.0
75°	74.1	49.9	27.1	20.0	15.7	15.7	14.3	12.8	11.4	8.6	8.6
77.5°	39.9	34.2	20.0	11.4	8.6	10.0	10.0	8.6	7.1	5.7	5.7
80°	25.7	20.0	11.4	5.7	5.7	5.7	5.7	4.3	4.3	2.9	2.9
82.5°	12.8	10.0	5.7	1.4	2.9	2.9	2.9	2.9	2.9	1.4	1.4
85°	2.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4	1.4	1.4
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

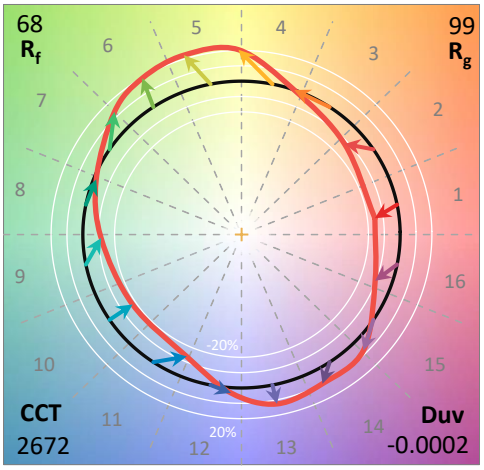
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

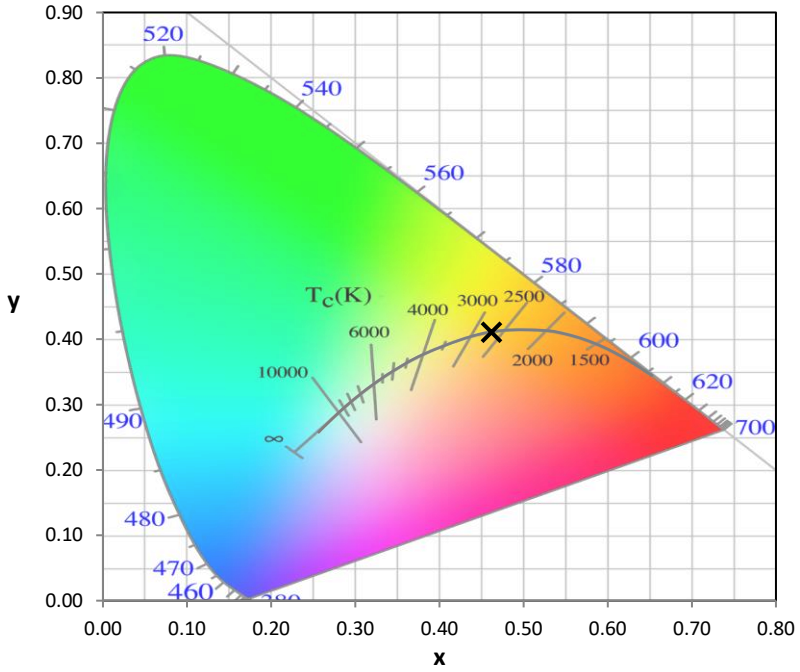
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

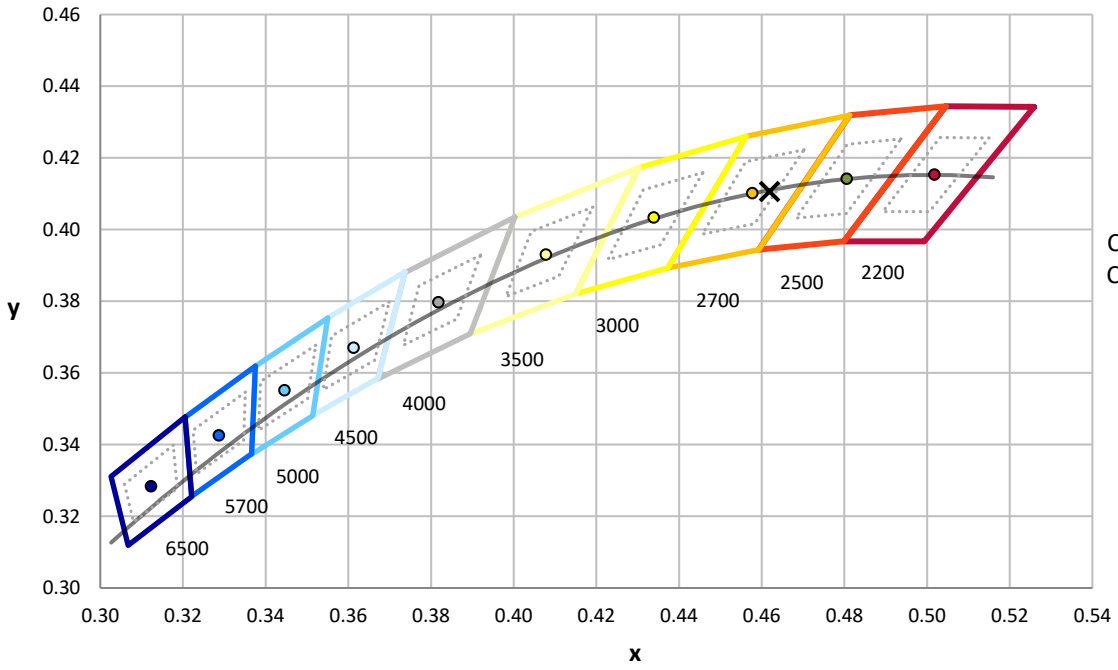
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

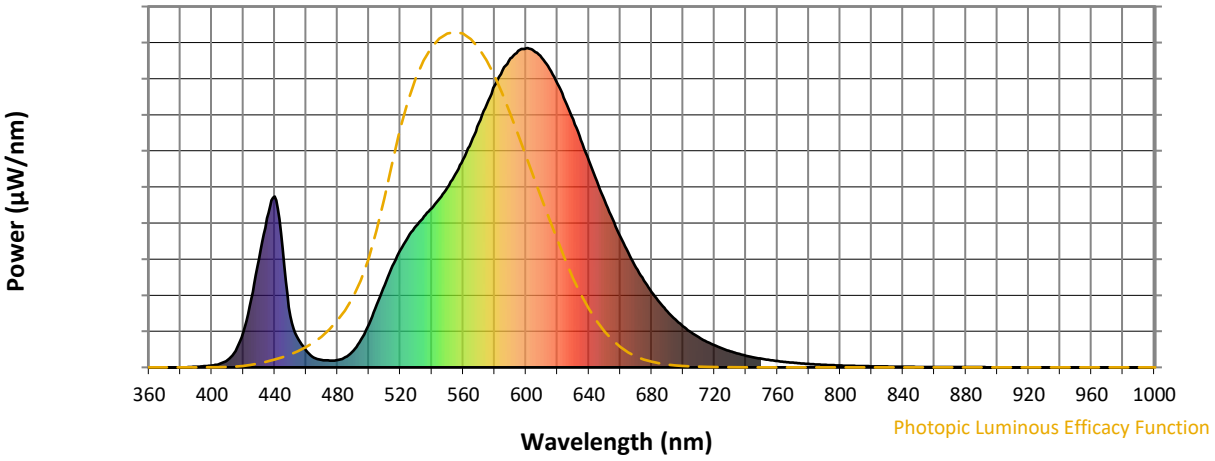


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

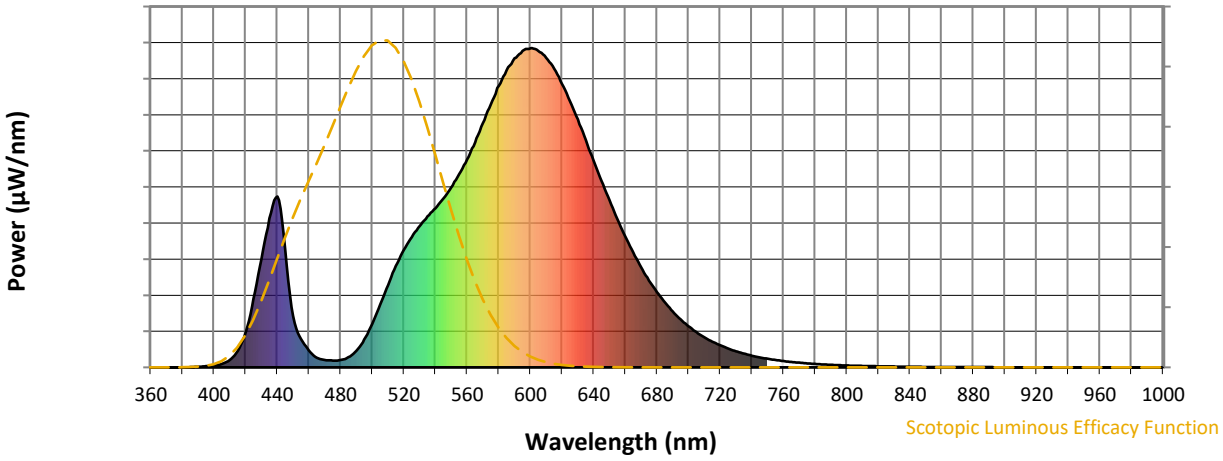


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

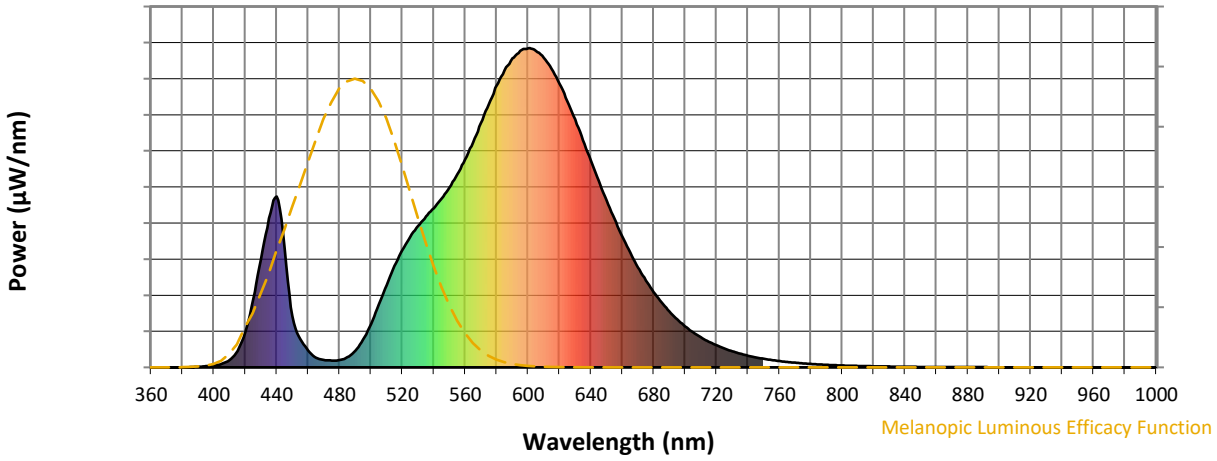


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

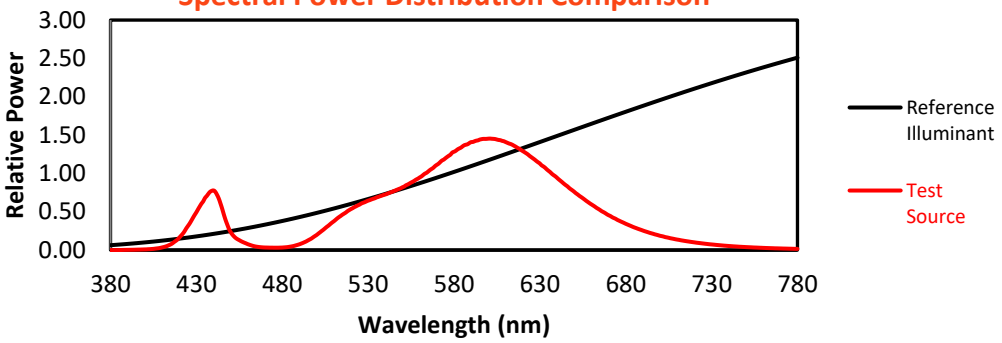
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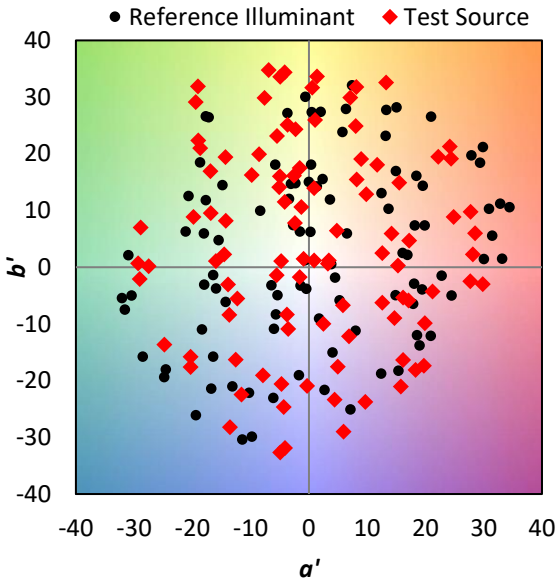
Summary

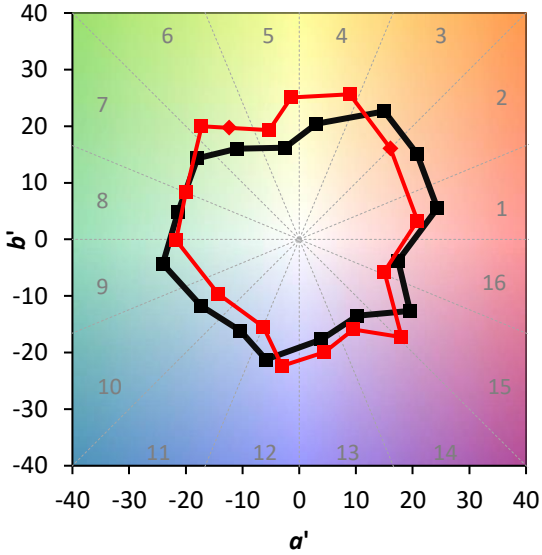
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

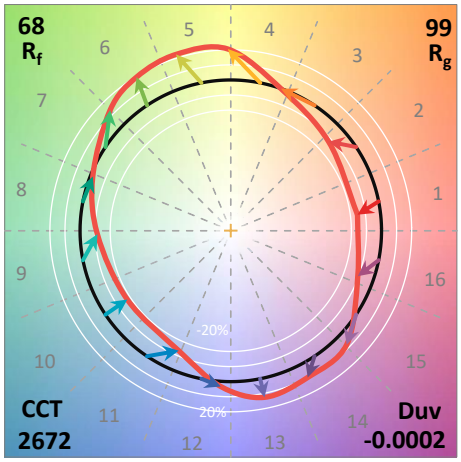
Spectral Power Distribution Comparison

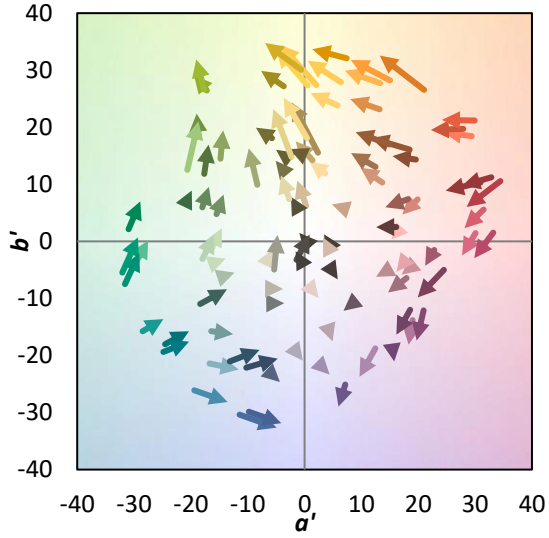


Color Vector Graphics







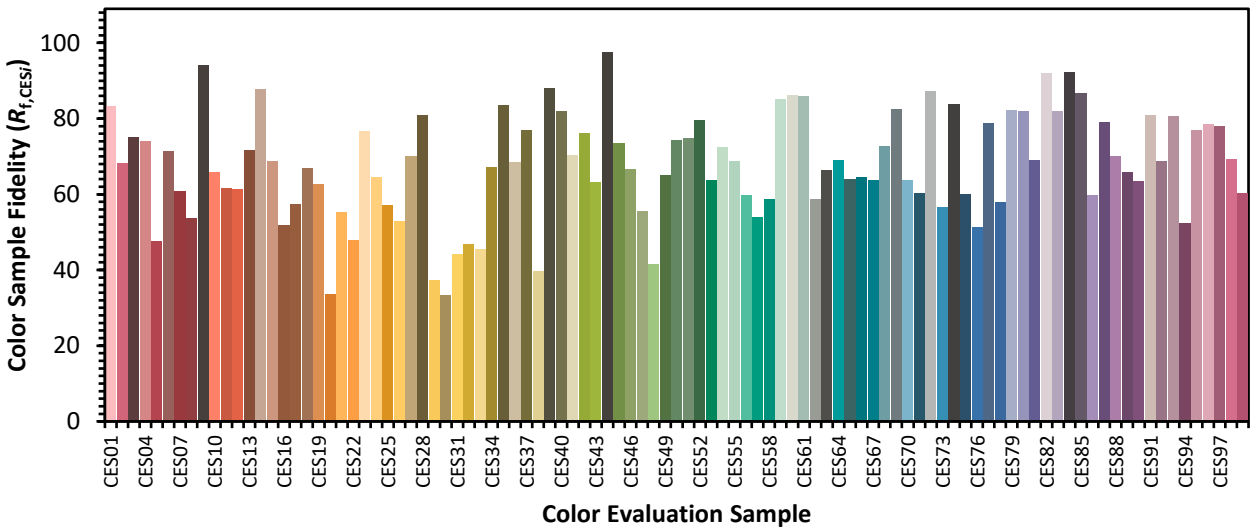


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Individual Sample Fidelity Index ($R_{f,i}$)

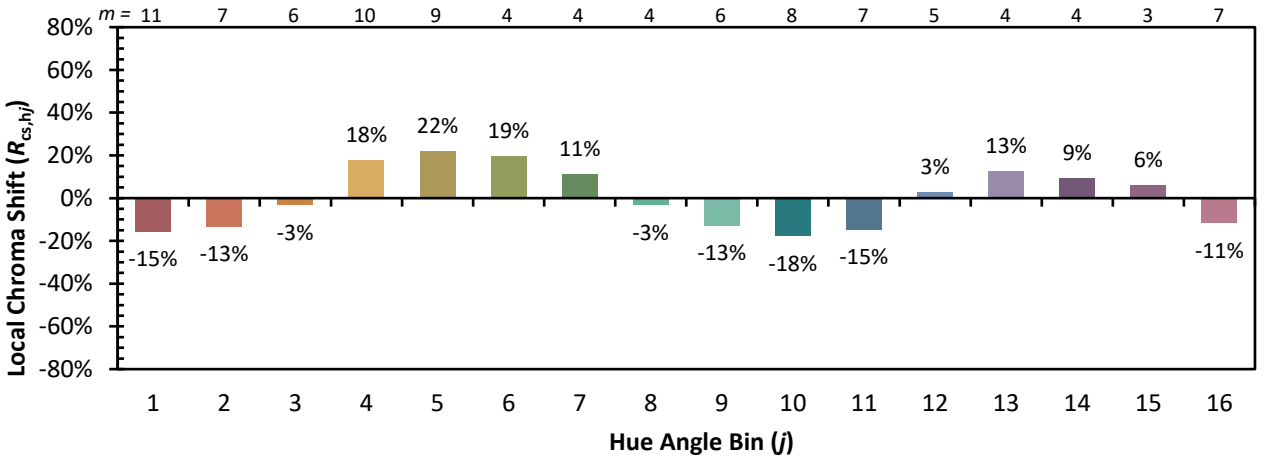
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

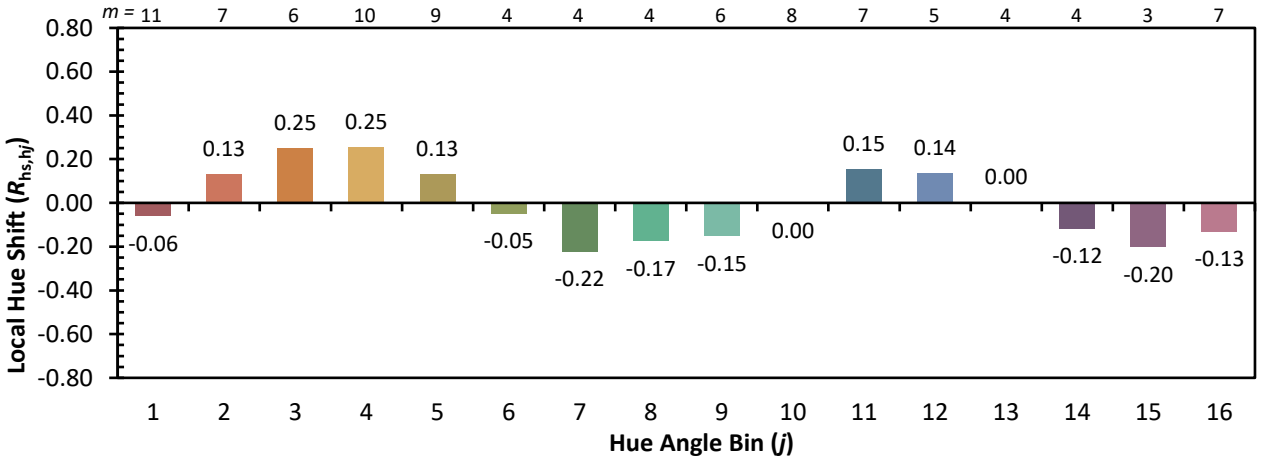


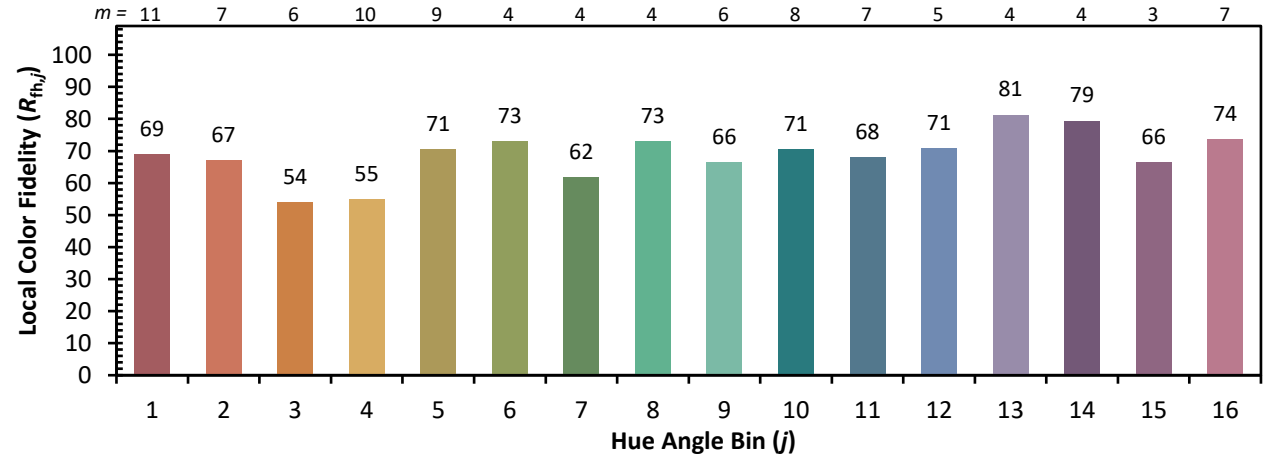
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Color Rendition by Hue-Angle Bin



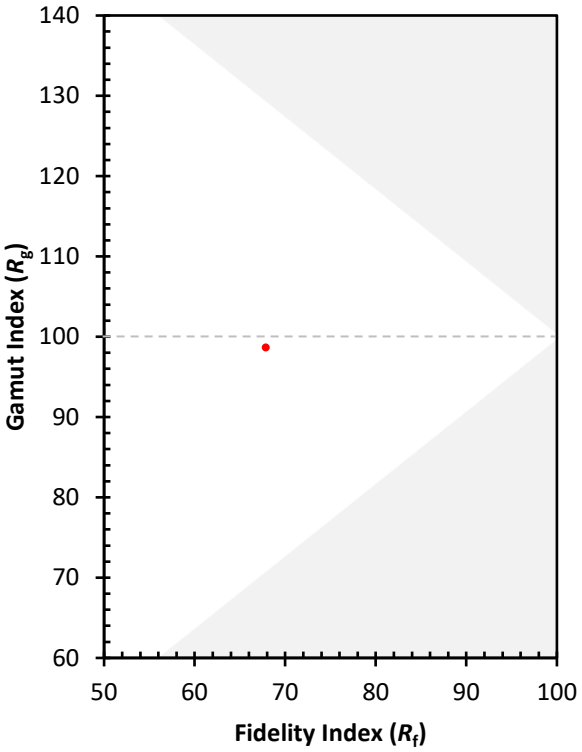


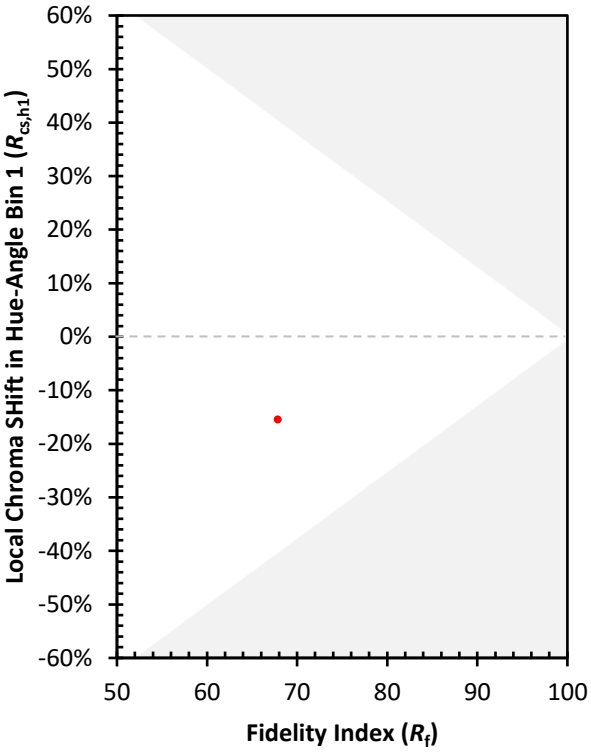


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Measure Comparisons





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