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: P1502525

Luminaire Tested: GSS-SB1A-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:	P1502525
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-727-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 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:	3046.7 lumens
Efficiency:	N/A
Efficacy:	98.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G1

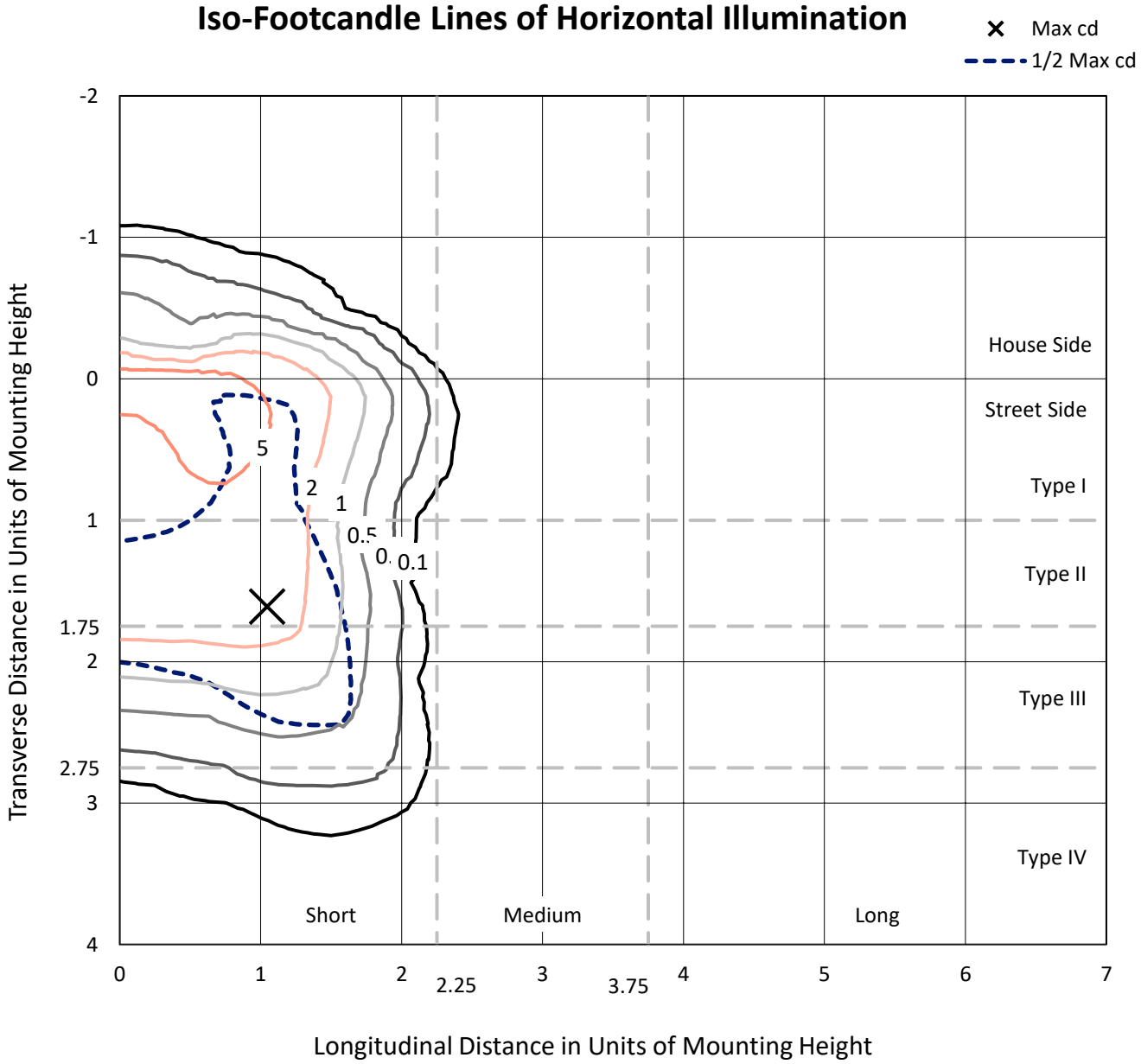
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502525
CATALOG NUMBER: GSS-SB1A-727-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



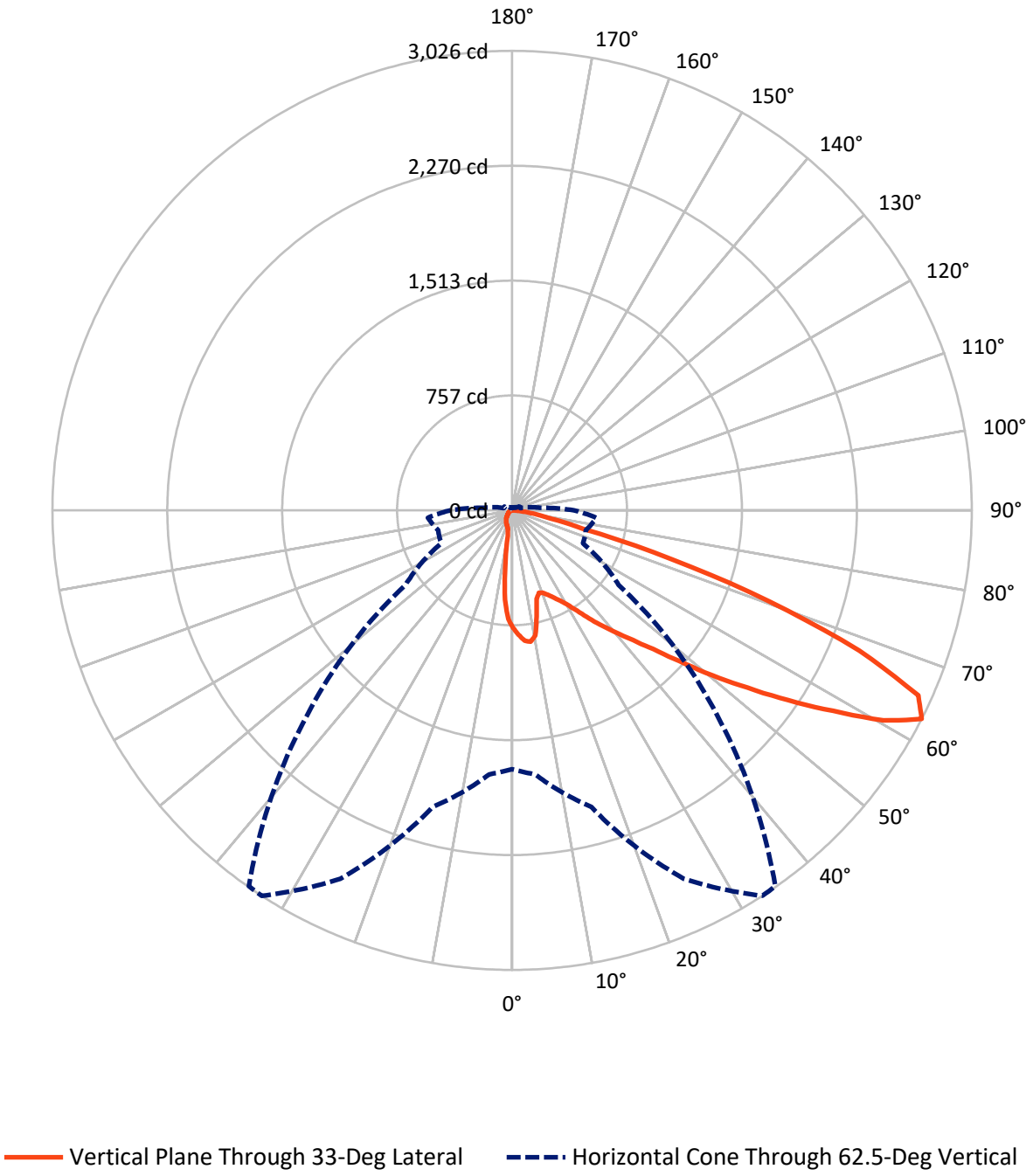
Based on 10 foot mounting height. Maximum calculated value = 9.2 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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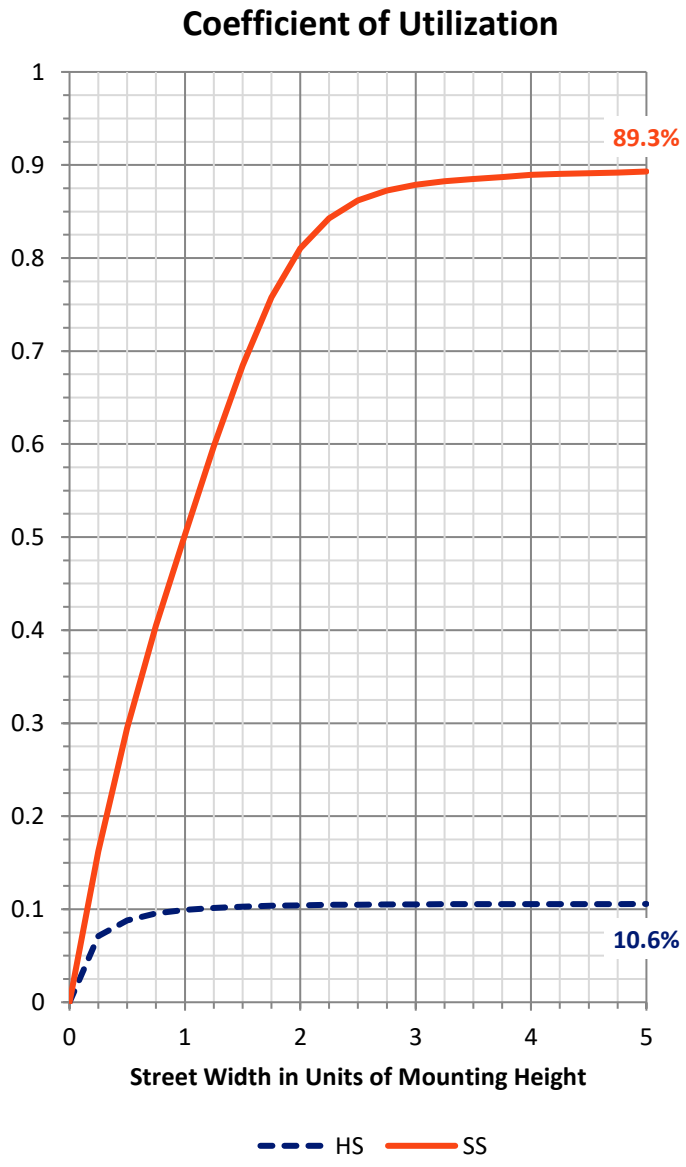
REPORT NUMBER: P1502525
CATALOG NUMBER: GSS-SB1A-727-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	324.2	0.0	324.2
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	2722.5	0.0	2722.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	3046.7	0.0	3046.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.8	2.2
10°-20°	146.8	4.8
20°-30°	236.6	7.8
30°-40°	393.7	12.9
40°-50°	622.2	20.4
50°-60°	835.9	27.4
60°-70°	613.6	20.1
70°-80°	121.4	4.0
80°-90°	10.6	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°	3046.7	100.0
0°-180°	3046.7	100.0



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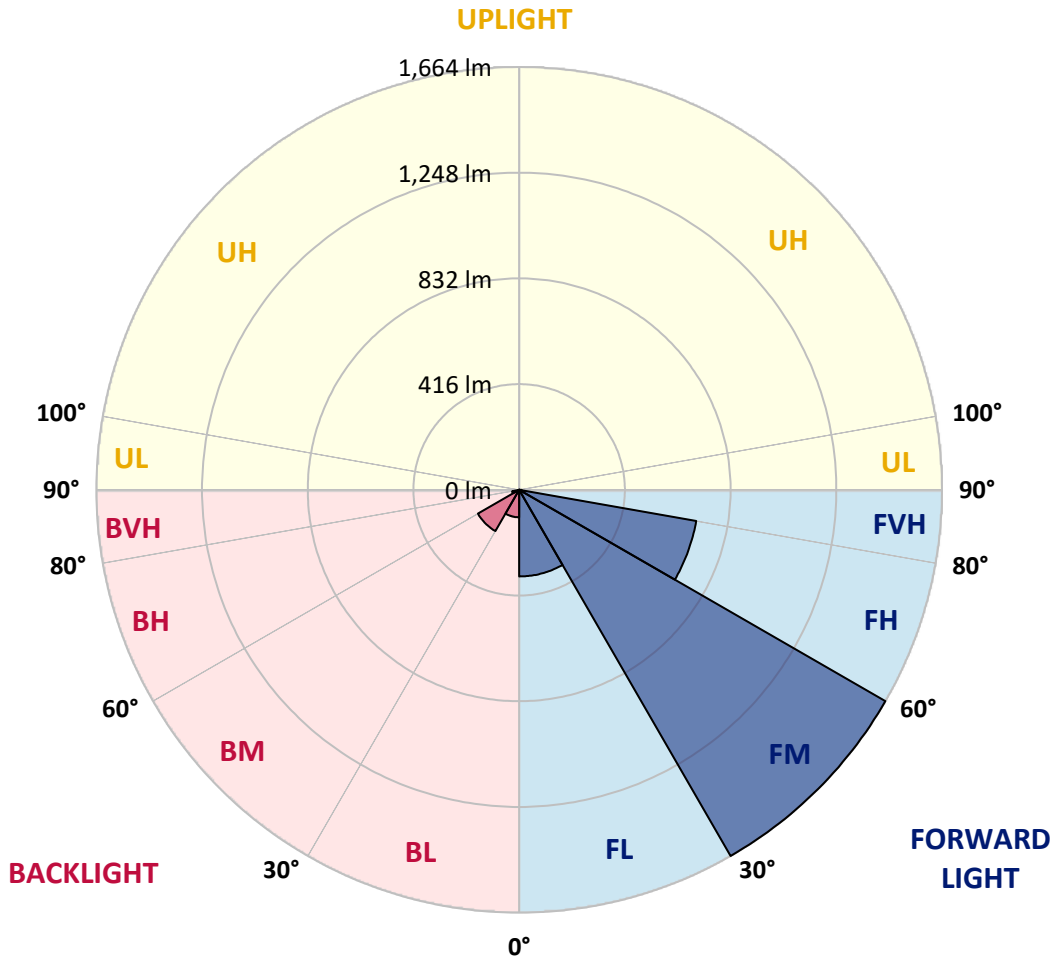
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	341.1	11.2			
FM	(30°-60°)	1664.2	54.6			
FH	(60°-80°)	707.4	23.2			G1/1800
FVH	(80°-90°)	9.8	0.3			G0/10
BL	(0°-30°)	108.2	3.6	B0/110		
BM	(30°-60°)	187.5	6.2	B0/220		
BH	(60°-80°)	27.7	0.9	B0/110		G0/110
BVH	(80°-90°)	0.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	773.9	773.9	773.9	773.9	773.9	773.9	773.9	773.9	773.9	773.9	773.9
2.5°	824.5	827.9	827.9	821.1	819.4	815.9	812.5	811.6	800.5	791.9	783.3
5°	866.6	865.7	864.8	861.4	862.3	858.0	855.4	851.1	832.2	819.4	796.2
7.5°	848.5	856.3	859.7	869.1	873.4	872.6	879.4	881.1	864.8	846.8	811.6
10°	731.0	726.7	757.6	797.9	838.2	847.7	884.6	904.3	898.3	882.0	836.5
12.5°	579.1	583.4	604.9	652.1	718.1	738.7	845.1	923.2	940.3	930.0	870.8
15°	530.2	530.2	541.4	563.7	603.2	622.9	754.2	920.6	985.0	985.8	913.7
17.5°	519.9	521.6	531.1	545.7	571.4	580.0	671.8	882.9	1028.7	1044.2	961.8
20°	521.6	524.2	534.5	555.1	580.0	590.3	650.3	834.8	1065.6	1107.6	1012.4
22.5°	527.7	526.8	544.8	572.3	604.0	613.4	668.4	815.1	1096.5	1180.6	1071.6
25°	534.5	535.4	558.5	597.1	635.8	646.9	708.7	833.1	1118.8	1258.6	1131.7
27.5°	555.1	557.7	586.0	628.0	673.5	688.1	761.0	880.3	1157.4	1334.1	1196.9
30°	586.9	589.4	622.0	672.6	721.6	743.9	826.2	939.5	1214.9	1421.7	1263.8
32.5°	623.7	627.2	669.2	727.6	786.8	808.2	900.9	1029.6	1291.2	1510.9	1333.3
35°	670.1	679.5	725.0	794.5	874.3	894.9	992.7	1131.7	1390.8	1590.7	1392.5
37.5°	733.6	741.3	797.1	883.7	964.4	991.8	1095.6	1238.9	1480.9	1661.9	1440.5
40°	810.8	817.6	880.3	974.7	1058.7	1081.9	1203.7	1347.0	1577.8	1701.4	1450.8
42.5°	939.5	958.4	997.8	1077.6	1167.7	1196.9	1323.8	1451.7	1648.2	1709.1	1434.5
45°	1164.3	1170.3	1178.9	1216.6	1303.3	1329.0	1450.8	1542.6	1690.2	1710.8	1419.9
47.5°	1379.6	1400.2	1412.2	1429.4	1481.7	1491.2	1583.8	1624.1	1723.7	1704.8	1419.9
50°	1595.0	1610.4	1631.0	1651.6	1707.4	1710.8	1724.5	1679.0	1725.4	1655.9	1411.4
52.5°	1790.6	1795.7	1830.9	1870.4	1939.9	1958.7	1854.9	1719.4	1621.6	1501.4	1371.0
55°	1965.6	1972.5	2025.7	2106.3	2205.8	2230.7	2014.5	1641.3	1399.3	1301.5	1277.5
57.5°	2078.9	2095.2	2201.6	2379.2	2491.5	2480.4	2138.1	1458.5	1123.9	1064.7	1111.9
60°	2022.2	2044.5	2268.5	2608.2	2808.1	2775.5	2103.7	1200.3	830.5	787.6	880.3
62.5°	1703.9	1745.1	2022.2	2676.0	3026.1	3020.9	1909.8	856.3	514.8	503.6	556.0
65°	1184.9	1256.1	1584.7	2449.5	2938.5	2946.3	1607.8	498.5	238.5	296.0	325.2
67.5°	698.4	749.0	1021.0	1999.9	2465.8	2394.6	1093.1	230.8	119.3	180.2	172.5
70°	307.2	341.5	585.1	1385.6	1796.6	1681.6	533.7	112.4	90.9	109.0	95.2
72.5°	169.0	184.5	308.0	731.8	1093.1	1039.0	180.2	74.6	78.1	81.5	68.6
75°	94.4	101.2	162.2	423.0	480.5	447.0	87.5	48.9	66.1	66.1	50.6
77.5°	54.9	60.9	101.2	263.4	263.4	212.8	53.2	30.9	49.8	44.6	27.5
80°	25.7	29.2	55.8	145.9	166.4	137.3	30.0	21.4	32.6	28.3	18.0
82.5°	7.7	9.4	27.5	56.6	94.4	80.6	15.4	13.7	24.0	18.0	10.3
85°	5.1	6.0	13.7	23.2	46.3	40.3	5.1	4.3	10.3	8.6	4.3
87.5°	0.9	0.9	1.7	1.7	1.7	1.7	0.9	0.9	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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REPORT NUMBER: P1502525
CATALOG NUMBER: GSS-SB1A-727-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	773.9	773.9	773.9	773.9	773.9	773.9	773.9	773.9	773.9	773.9	773.9
2.5°	778.2	772.2	758.4	745.6	738.7	723.3	717.3	710.4	707.0	706.1	701.0
5°	781.6	770.5	736.1	701.8	665.8	631.5	596.3	565.4	540.5	541.4	542.2
7.5°	791.9	769.6	709.5	640.9	563.7	474.5	379.2	308.0	262.5	253.1	244.5
10°	805.6	773.0	676.9	550.0	398.1	250.5	176.7	151.0	139.8	137.3	138.1
12.5°	831.4	781.6	635.8	424.7	220.5	144.1	127.8	123.5	121.8	121.8	121.8
15°	863.1	793.6	571.4	278.0	144.1	120.1	116.7	115.8	114.1	114.1	115.0
17.5°	889.7	793.6	486.5	181.0	118.4	111.5	109.0	108.1	108.1	109.0	108.1
20°	918.9	787.6	391.2	136.4	109.8	103.8	102.1	102.1	102.1	103.0	103.0
22.5°	948.9	777.3	302.9	116.7	102.1	97.0	96.1	97.0	97.8	98.7	98.7
25°	982.4	764.5	239.4	108.1	95.2	90.9	90.9	90.9	91.8	93.5	94.4
27.5°	1019.3	753.3	205.1	103.0	89.2	84.9	84.9	85.8	87.5	88.4	89.2
30°	1053.6	753.3	193.9	105.5	86.7	81.5	79.8	80.6	82.4	84.1	84.1
32.5°	1096.5	761.9	199.9	116.7	85.8	76.4	74.6	74.6	76.4	77.2	77.2
35°	1132.5	778.2	220.5	132.1	89.2	72.1	68.6	67.8	69.5	68.6	69.5
37.5°	1161.7	800.5	258.2	152.7	96.1	66.9	62.6	60.1	60.1	60.1	60.1
40°	1170.3	822.8	306.3	166.4	95.2	60.9	54.9	52.3	51.5	50.6	50.6
42.5°	1158.3	833.1	344.9	165.6	84.9	56.6	48.9	45.5	42.9	42.0	42.0
45°	1148.8	838.2	358.6	144.1	77.2	51.5	43.8	39.5	36.9	36.0	35.2
47.5°	1149.7	843.4	338.0	117.5	70.4	47.2	39.5	35.2	32.6	31.7	30.9
50°	1153.1	834.8	286.6	97.8	64.3	42.9	35.2	31.7	29.2	28.3	27.5
52.5°	1117.1	789.3	201.6	85.8	59.2	40.3	31.7	29.2	26.6	25.7	25.7
55°	1022.7	680.4	136.4	76.4	54.9	36.9	29.2	27.5	24.9	23.2	23.2
57.5°	871.7	513.1	94.4	69.5	48.0	33.5	27.5	24.9	22.3	20.6	20.6
60°	666.6	334.6	68.6	63.5	39.5	30.9	25.7	24.0	20.6	18.9	18.0
62.5°	*405.8*	*187.9*	*55.8*	*55.8*	*33.5*	*29.2*	*23.2*	*21.4*	*18.0*	*15.4*	*14.6*
65°	235.1	110.7	45.5	47.2	29.2	26.6	20.6	18.0	14.6	12.0	11.2
67.5°	113.3	64.3	36.0	33.5	25.7	22.3	18.0	15.4	12.9	10.3	9.4
70°	69.5	49.8	27.5	24.0	20.6	17.2	14.6	13.7	11.2	8.6	8.6
72.5°	56.6	40.3	21.4	17.2	15.4	12.0	12.0	11.2	8.6	6.9	6.0
75°	44.6	30.0	16.3	12.0	9.4	9.4	8.6	7.7	6.9	5.1	5.1
77.5°	24.0	20.6	12.0	6.9	5.1	6.0	6.0	5.1	4.3	3.4	3.4
80°	15.4	12.0	6.9	3.4	3.4	3.4	3.4	2.6	2.6	1.7	1.7
82.5°	7.7	6.0	3.4	0.9	1.7	1.7	1.7	1.7	1.7	0.9	0.9
85°	1.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9
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

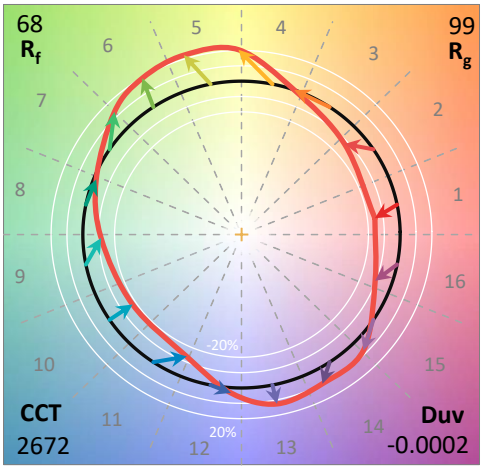
Test Information

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

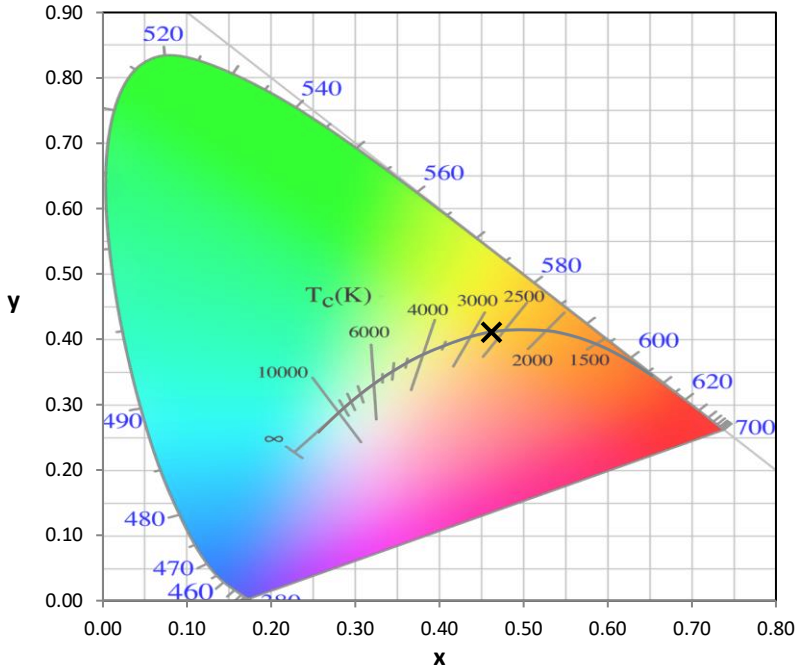
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

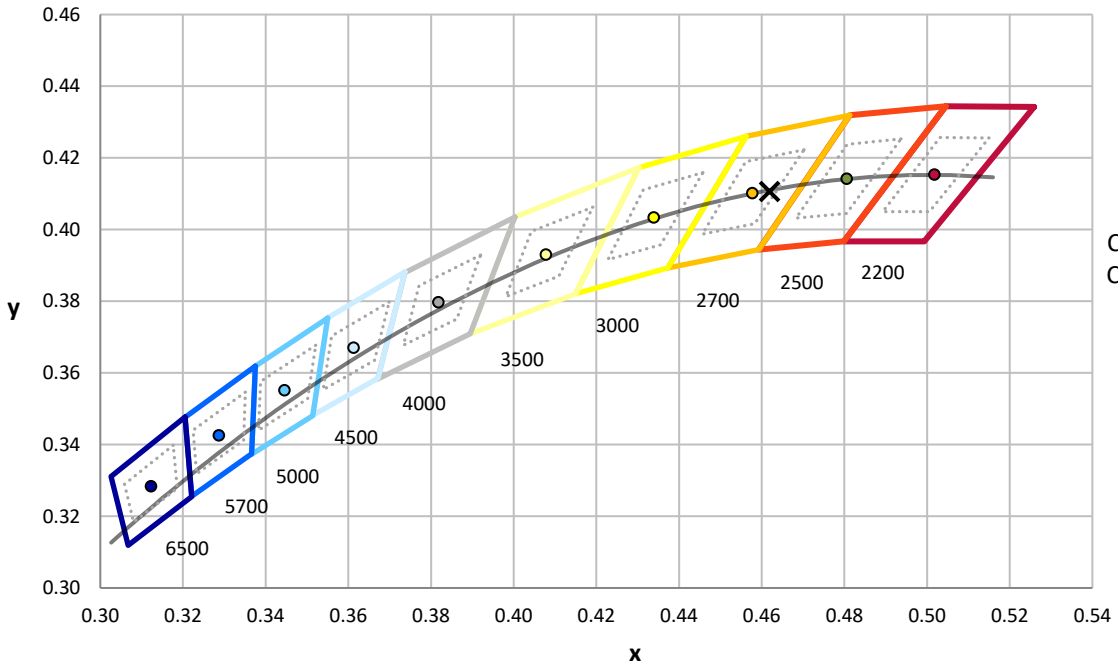
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

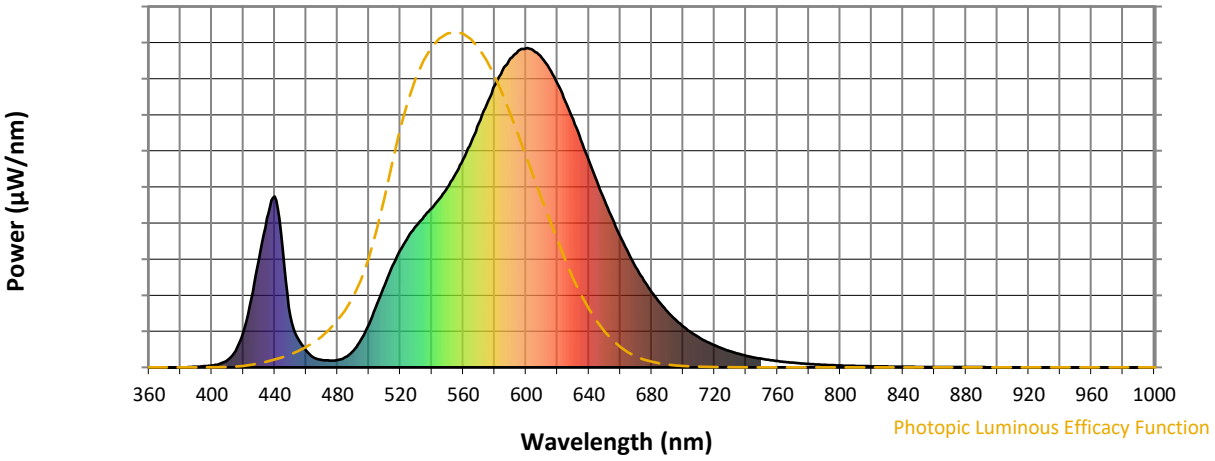


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

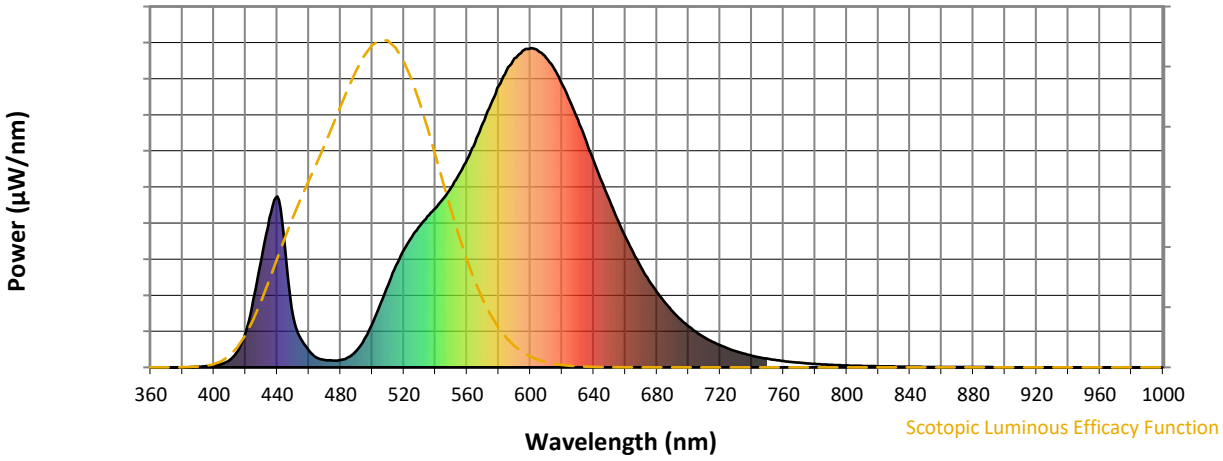


Photopic Lumens: NR

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

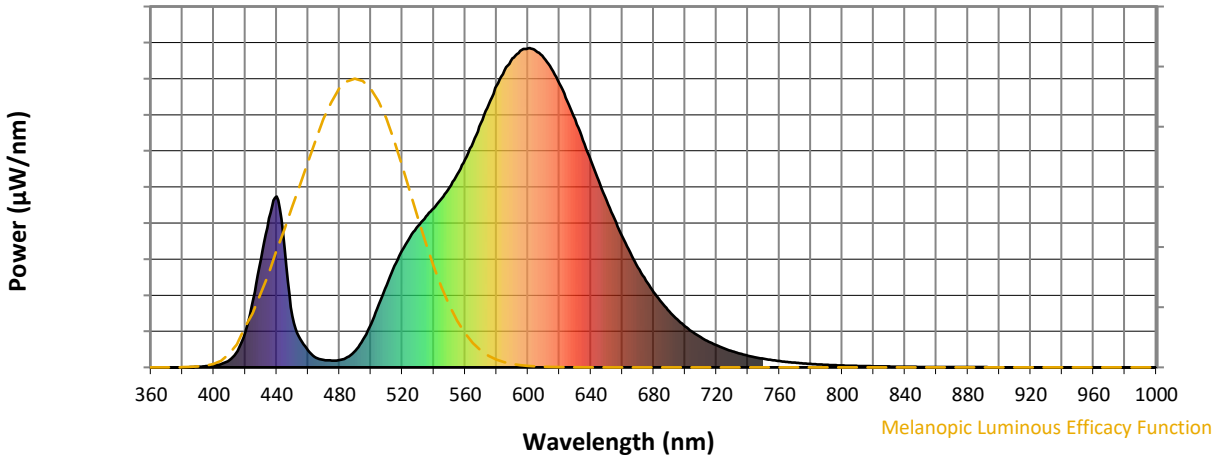


Scotopic Lumens: NR **S/P: 1.02**

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			

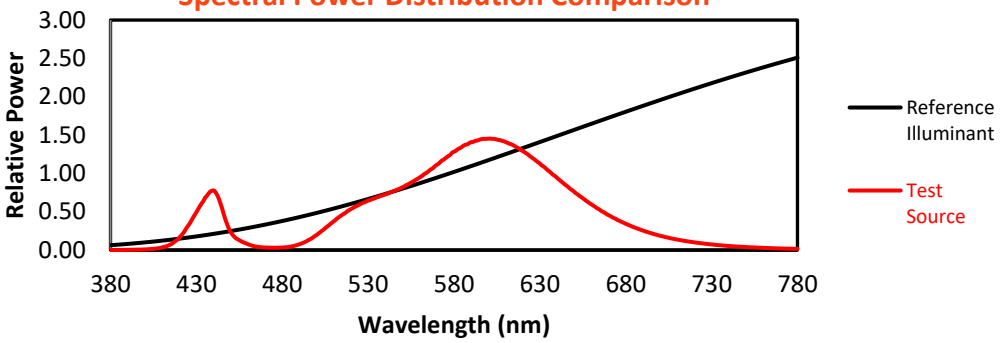
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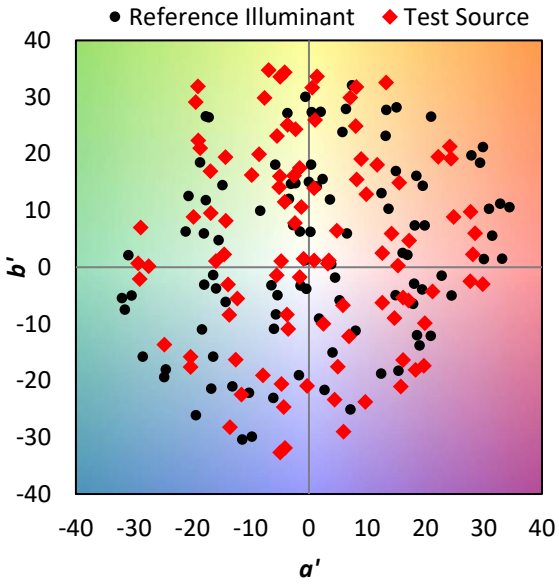
Summary

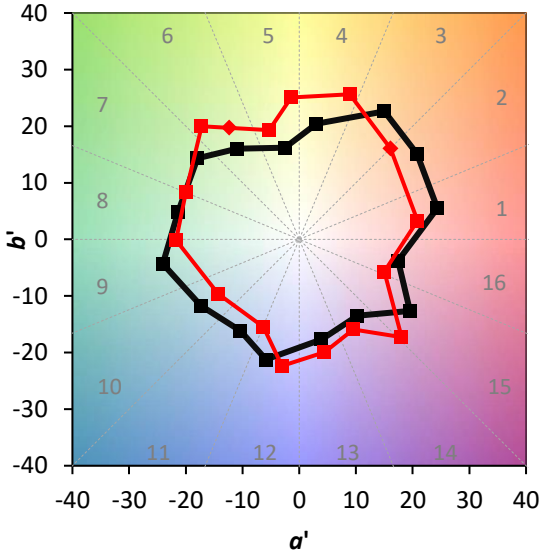
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

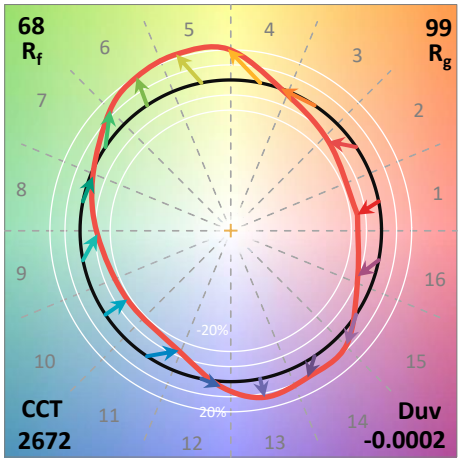
Spectral Power Distribution Comparison

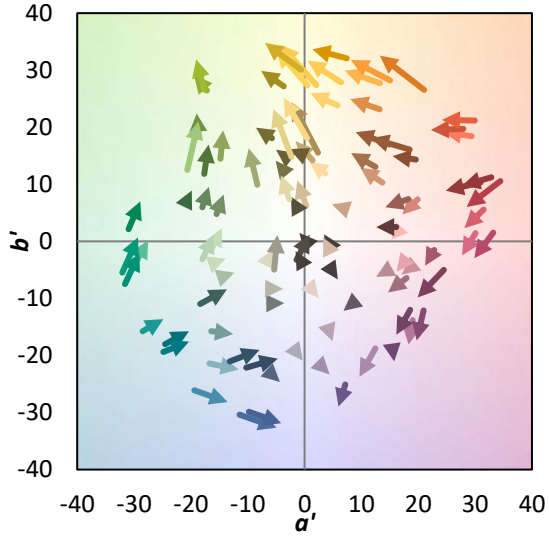


Color Vector Graphics







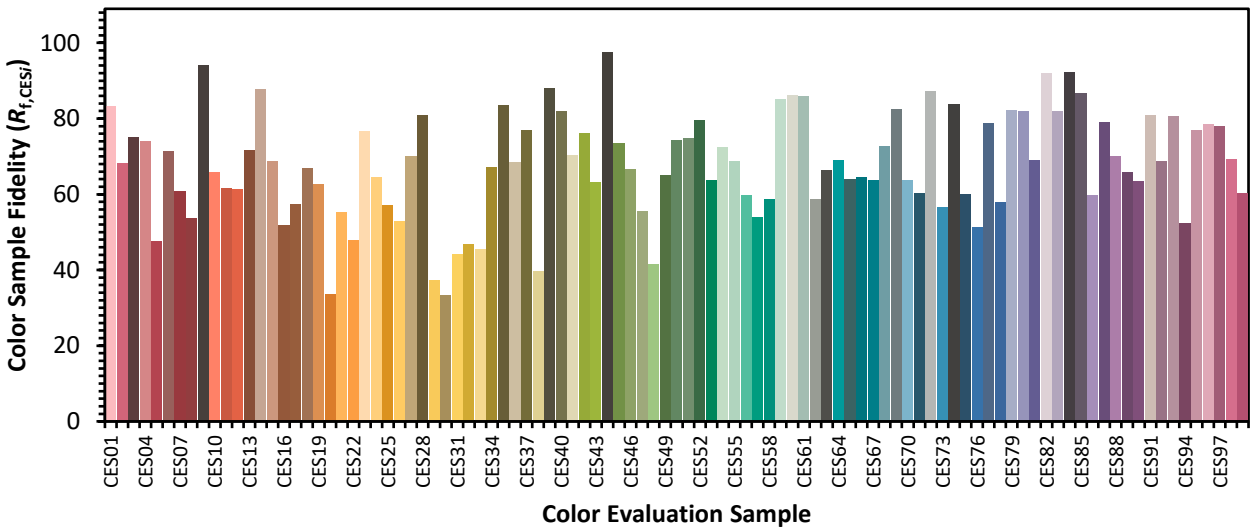


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Individual Sample Fidelity Index ($R_{f,i}$)

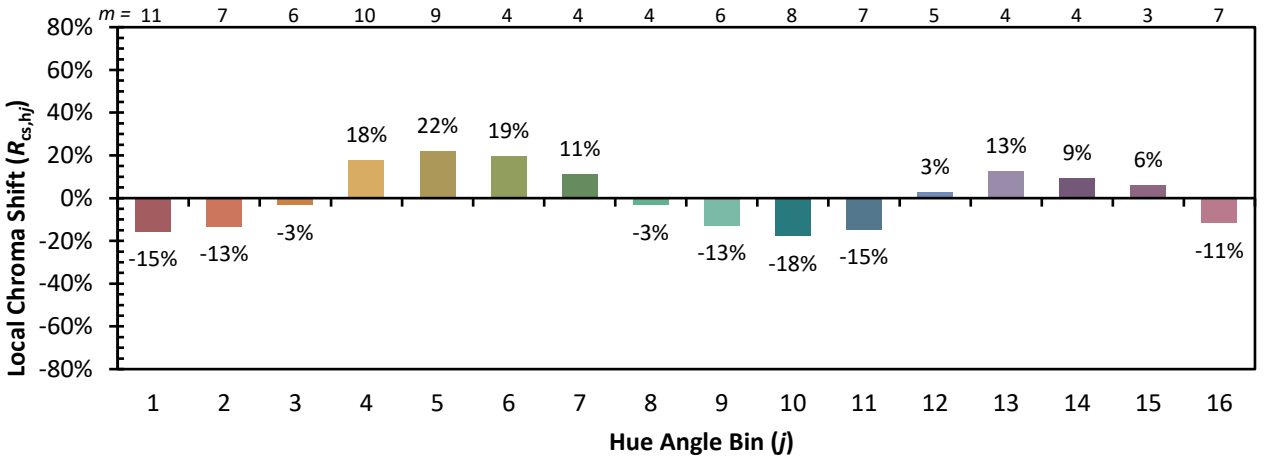
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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	

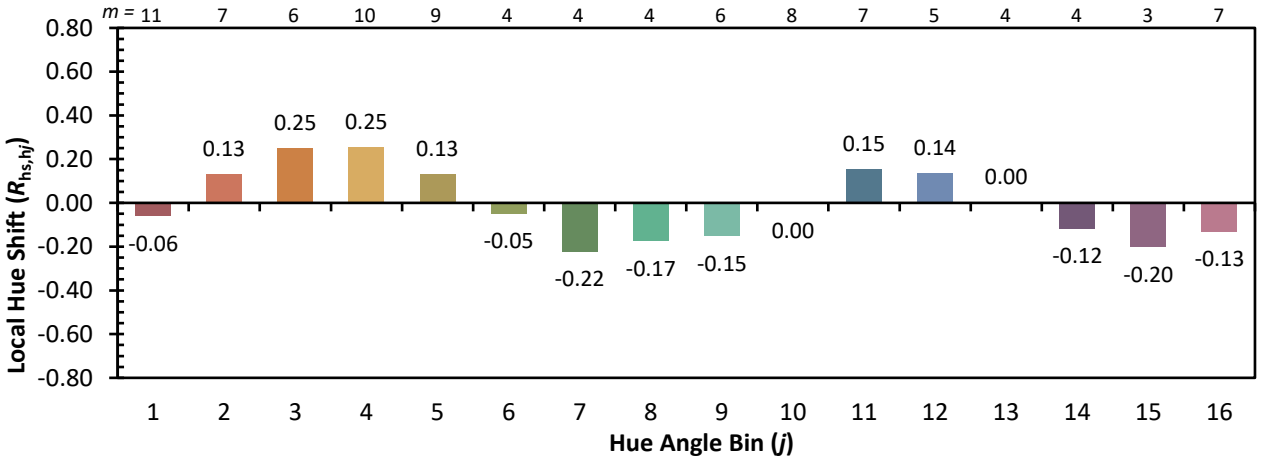


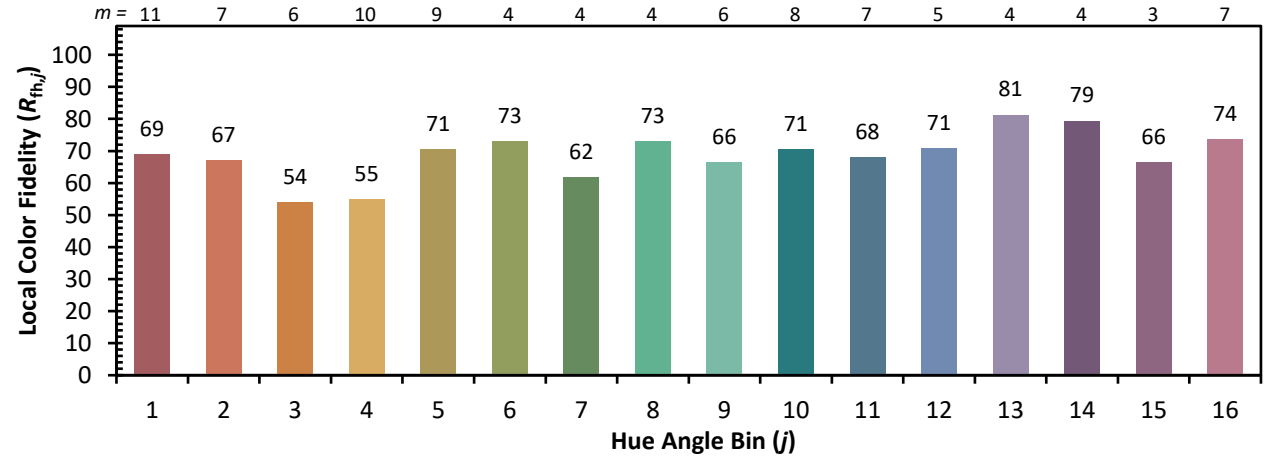
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Color Rendition by Hue-Angle Bin



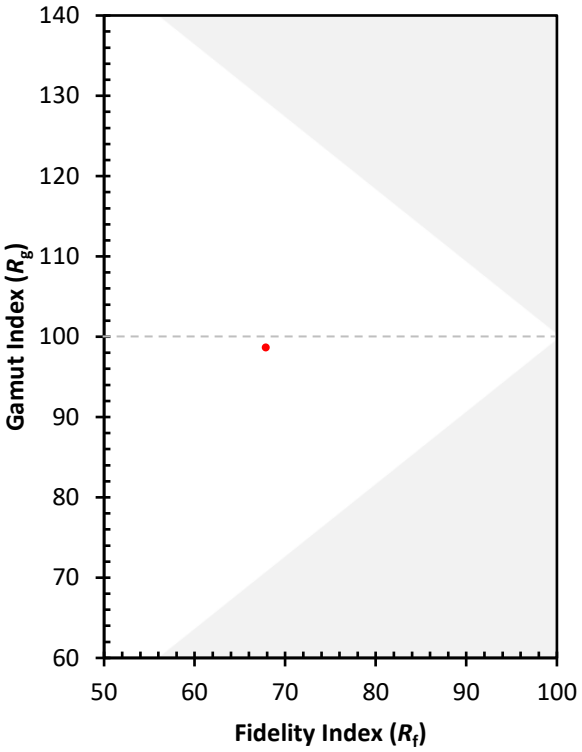


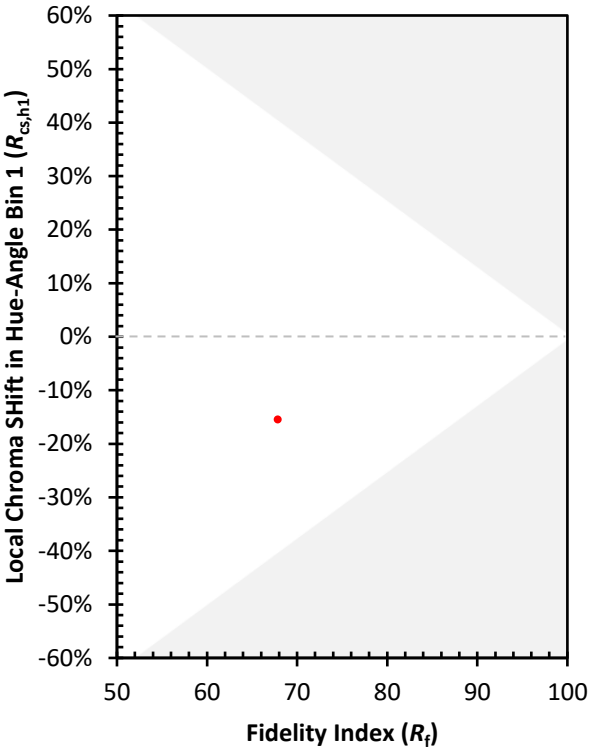


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Measure Comparisons





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