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: P1502150

Luminaire Tested: GSS-SB3B-727-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:	P1502150
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-727-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 70CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12256.7 lumens
Efficiency:	N/A
Efficacy:	112.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

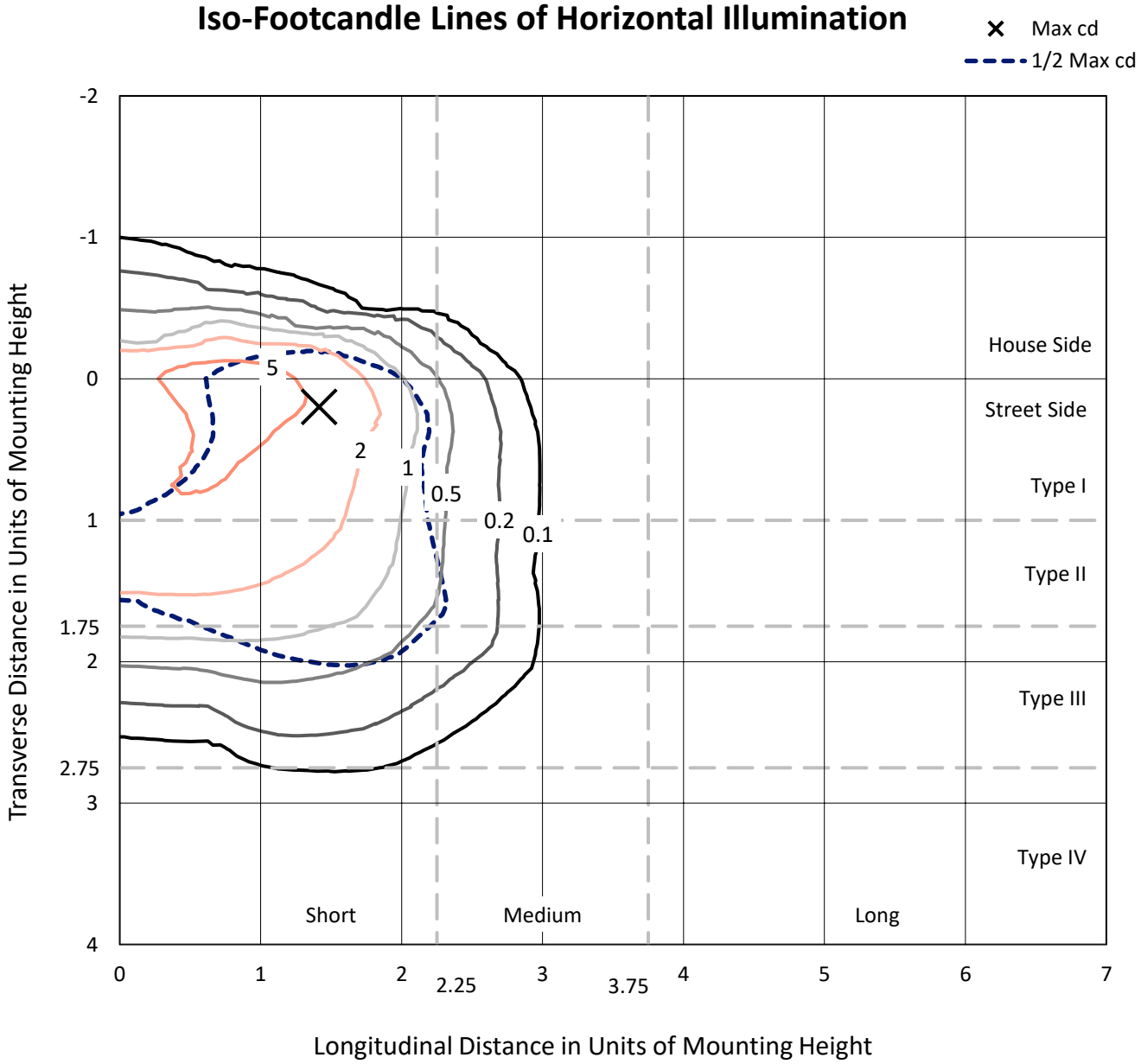
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502150
CATALOG NUMBER: GSS-SB3B-727-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



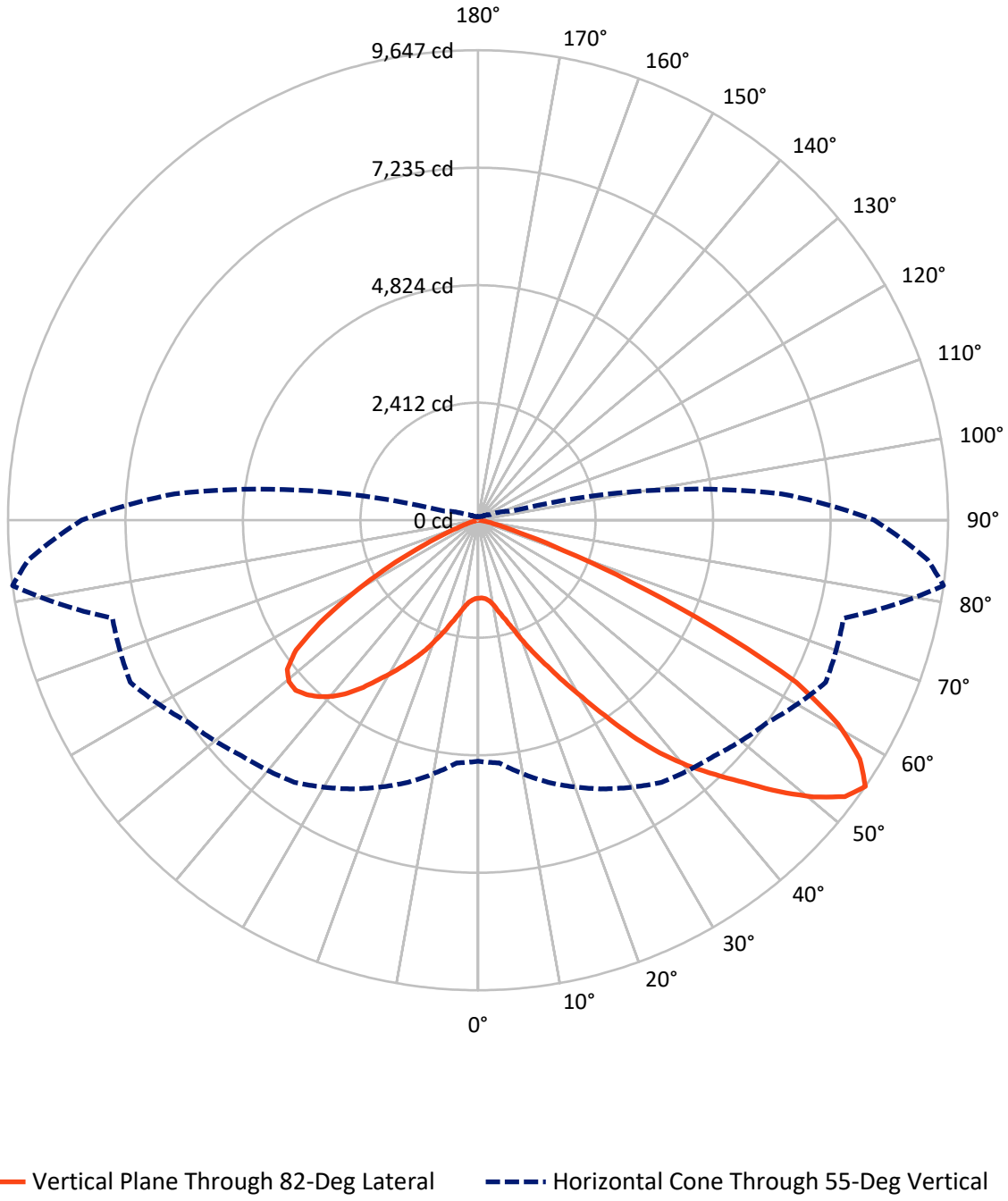
Based on 20 foot mounting height. Maximum calculated value = 7.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502150
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Luminous Intensity Polar Plot



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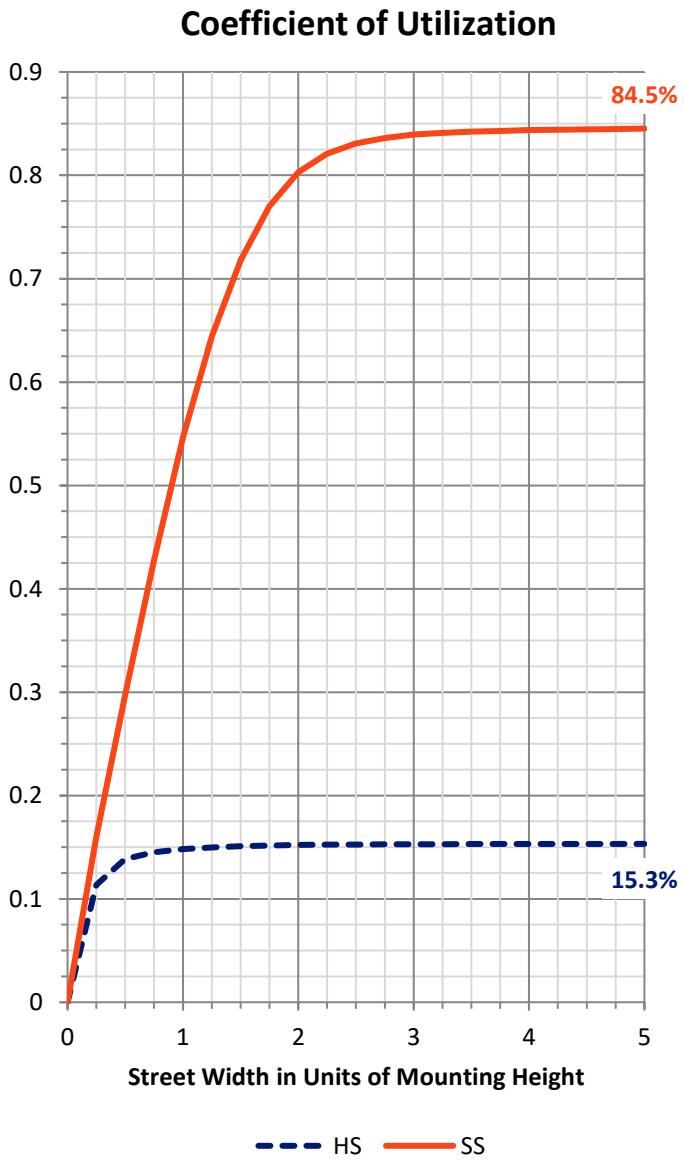
REPORT NUMBER: P1502150
CATALOG NUMBER: GSS-SB3B-727-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1894.5	0.0	1894.5
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	10362.2	0.0	10362.2
	% Fixture	84.5	0.0	84.5
Total	Lumens	12256.7	0.0	12256.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.1	1.2
10°-20°	392.6	3.2
20°-30°	784.9	6.4
30°-40°	1625.5	13.3
40°-50°	2715.4	22.2
50°-60°	3443.9	28.1
60°-70°	2574.6	21.0
70°-80°	545.3	4.4
80°-90°	29.4	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°	12256.7	100.0
0°-180°	12256.7	100.0



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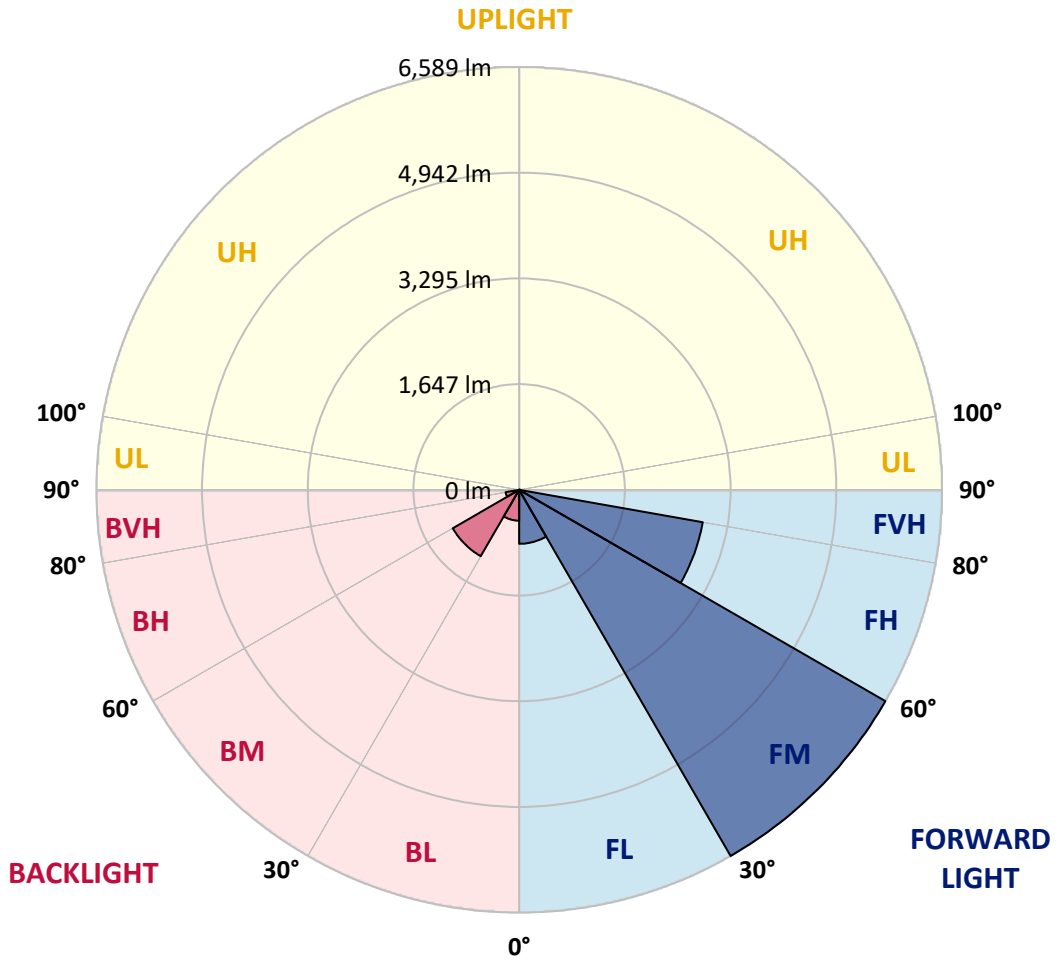
Scaled Data Report

REPORT NUMBER: P1502150
CATALOG NUMBER: GSS-SB3B-727-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	841.8	6.9			
FM	(30°-60°)	6589.4	53.8			
FH	(60°-80°)	2904.8	23.7			G2/5000
FVH	(80°-90°)	26.3	0.2			G1/100
BL	(0°-30°)	480.9	3.9	B1/500		
BM	(30°-60°)	1195.4	9.8	B2/2500		
BH	(60°-80°)	215.1	1.8	B1/500		G1/500
BVH	(80°-90°)	3.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1	*1600.1*	1600.1
2.5°	1556.9	1560.2	1553.5	1556.9	1563.5	1560.2	1573.5	1583.5	1593.5	*1596.8*	1600.1
5°	1420.5	1423.8	1427.1	1453.7	1470.4	1510.3	1546.9	1570.2	1603.4	*1620.1*	1623.4
7.5°	1257.5	1257.5	1270.8	1304.0	1347.3	1423.8	1507.0	1573.5	1636.7	*1670.0*	1676.6
10°	1227.5	1230.9	1230.9	1254.1	1290.7	1367.2	1473.7	1606.8	1719.9	*1769.8*	1786.4
12.5°	1234.2	1237.5	1240.8	1264.1	1300.7	1367.2	1503.6	1676.6	1852.9	*1936.1*	1946.1
15°	1250.8	1257.5	1267.4	1297.4	1337.3	1423.8	1566.8	1776.4	2012.6	*2119.1*	2145.7
17.5°	1300.7	1304.0	1320.7	1353.9	1417.1	1503.6	1660.0	1906.2	2235.5	*2351.9*	2401.8
20°	1377.2	1383.9	1407.2	1453.7	1526.9	1636.7	1809.7	2075.8	2475.0	*2654.6*	2694.6
22.5°	1473.7	1473.7	1507.0	1580.1	1683.3	1806.4	2015.9	2302.0	2767.8	*2977.3*	3043.9
25°	1633.4	1630.0	1656.7	1739.8	1862.9	2042.5	2255.5	2571.5	3073.8	*3323.3*	3393.2
27.5°	1999.3	1989.3	1979.3	1982.7	2089.1	2318.7	2564.8	2910.8	3453.0	*3745.8*	3799.0
30°	2425.1	2438.4	2425.1	2391.8	2408.5	2621.4	2927.4	3326.6	3878.8	*4208.2*	4278.0
32.5°	2797.7	2804.3	2860.9	2897.5	2910.8	3010.6	3346.6	3828.9	4421.1	*4780.4*	4870.2
35°	3203.5	3213.5	3276.7	3353.2	3473.0	3562.8	3872.2	4411.1	4973.3	*5425.7*	5492.3
37.5°	3675.9	3692.6	3775.7	3885.5	4051.8	4258.1	4424.4	4940.0	5535.5	*6057.8*	6127.6
40°	4091.8	4145.0	4288.0	4427.7	4604.1	4836.9	4946.7	5402.4	5951.3	*6616.7*	6733.1
42.5°	4484.3	4514.2	4743.8	4960.0	5169.6	5359.2	5465.6	5765.0	6320.6	*7135.6*	7265.4
45°	4810.3	4833.6	5089.7	5375.8	5635.3	5824.9	5841.6	6117.7	6686.5	*7684.5*	7784.3
47.5°	5009.9	5046.5	5375.8	5701.8	5987.9	6164.2	6137.6	6566.8	7085.7	*8323.2*	8336.5
50°	5129.7	5152.9	5488.9	5911.4	6264.0	6387.1	6443.7	6995.9	7448.3	*8928.7*	8848.8
52.5°	5216.2	5252.7	5582.1	6031.2	6427.0	6593.4	6796.3	7478.3	7734.4	*9424.3*	9211.4
55°	*4946.7*	*4999.9*	*5568.8*	*6084.4*	*6566.8*	*6846.2*	*7245.4*	*7874.1*	*7767.7*	*9647.2*	*9258.0*
57.5°	4644.0	4654.0	5216.2	6067.8	6723.1	7112.3	7657.9	7904.1	7458.3	*9241.4*	8785.6
60°	4198.2	4258.1	4833.6	5851.5	6749.7	7325.2	7937.3	7541.5	6892.8	*8489.6*	7804.3
62.5°	2947.4	3040.5	3792.4	5282.7	6560.1	7441.7	7890.8	6909.4	6184.2	*7328.6*	6560.1
65°	1650.0	1729.8	2345.3	4261.4	6037.8	7415.1	7411.7	6064.4	5046.5	*5296.0*	4690.5
67.5°	904.8	968.0	1217.5	3206.9	4790.3	6846.2	6403.8	4627.3	3383.2	*3363.2*	2927.4
70°	632.1	635.4	768.5	2165.6	3443.1	4777.0	5006.6	3103.7	2099.1	*1856.3*	1566.8
72.5°	309.4	312.7	382.6	1021.3	2105.8	2648.0	3433.1	1613.4	1177.6	*921.5*	785.1
75°	156.4	153.0	209.6	382.6	871.6	1290.7	1513.6	808.4	685.3	*505.6*	449.1
77.5°	99.8	103.1	123.1	209.6	392.5	502.3	465.7	439.1	402.5	*296.1*	256.2
80°	66.5	66.5	83.2	133.1	192.9	239.5	143.0	202.9	236.2	*173.0*	149.7
82.5°	20.0	20.0	49.9	73.2	93.1	96.5	63.2	93.1	133.1	*96.5*	73.2
85°	13.3	13.3	26.6	36.6	39.9	33.3	20.0	39.9	63.2	*43.2*	36.6
87.5°	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	*3.3*	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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REPORT NUMBER: P1502150
CATALOG NUMBER: GSS-SB3B-727-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1	1600.1
2.5°	1603.4	1606.8	1616.7	1620.1	1626.7	1630.0	1630.0	1630.0	1626.7	1630.0	1636.7
5°	1630.0	1646.7	1660.0	1656.7	1656.7	1640.0	1626.7	1600.1	1586.8	1583.5	1586.8
7.5°	1696.6	1709.9	1723.2	1703.2	1653.3	1576.8	1493.7	1427.1	1370.6	1344.0	1353.9
10°	1816.3	1833.0	1833.0	1739.8	1600.1	1420.5	1270.8	1147.7	1054.5	1004.6	1027.9
12.5°	1989.3	2002.6	1969.4	1773.1	1507.0	1210.9	961.4	755.1	635.4	575.5	562.2
15°	2188.9	2208.9	2095.8	1766.4	1360.6	904.8	598.8	449.1	405.8	392.5	395.9
17.5°	2445.1	2455.1	2235.5	1713.2	1107.8	592.1	425.8	382.6	372.6	365.9	365.9
20°	2761.1	2731.2	2348.6	1623.4	808.4	465.7	392.5	359.3	349.3	346.0	349.3
22.5°	3100.4	3053.8	2441.7	1453.7	612.1	439.1	375.9	339.3	326.0	322.7	322.7
25°	3456.4	3349.9	2514.9	1204.2	572.2	432.5	355.9	309.4	296.1	289.4	289.4
27.5°	3862.2	3679.2	2554.8	1008.0	582.2	422.5	332.7	282.8	262.8	256.2	256.2
30°	4311.3	4045.2	2558.2	968.0	602.1	409.2	309.4	252.8	232.9	222.9	226.2
32.5°	4856.9	4417.8	2548.2	1031.3	615.4	399.2	282.8	222.9	206.3	196.3	196.3
35°	5422.4	4870.2	2508.3	1151.0	622.1	369.3	249.5	196.3	176.3	173.0	176.3
37.5°	5984.6	5299.3	2451.7	1217.5	588.8	302.7	202.9	169.7	156.4	156.4	156.4
40°	6496.9	5671.9	2375.2	1161.0	469.1	219.6	166.3	146.4	139.7	136.4	139.7
42.5°	6879.5	6004.6	2235.5	978.0	332.7	176.3	146.4	129.7	123.1	123.1	126.4
45°	7298.6	6323.9	1966.0	718.6	252.8	153.0	126.4	113.1	109.8	109.8	113.1
47.5°	7721.1	6580.1	1706.6	479.0	219.6	136.4	113.1	103.1	99.8	96.5	99.8
50°	8043.8	6703.2	1367.2	349.3	199.6	123.1	103.1	96.5	89.8	86.5	86.5
52.5°	8273.3	6669.9	1001.3	299.4	183.0	113.1	96.5	89.8	79.8	79.8	79.8
55°	*8133.6*	*6244.1*	*721.9*	*269.5*	*169.7*	*106.5*	*93.1*	*83.2*	*76.5*	*73.2*	*73.2*
57.5°	7455.0	5322.6	522.3	242.8	149.7	99.8	89.8	79.8	69.9	66.5	66.5
60°	6480.3	4145.0	389.2	212.9	129.7	96.5	79.8	76.5	66.5	59.9	59.9
62.5°	5296.0	3017.3	302.7	183.0	116.4	83.2	76.5	69.9	59.9	53.2	49.9
65°	3675.9	1926.1	232.9	149.7	109.8	73.2	69.9	59.9	49.9	39.9	39.9
67.5°	2268.8	1144.4	179.6	116.4	86.5	63.2	59.9	53.2	43.2	33.3	33.3
70°	1254.1	605.4	123.1	86.5	66.5	49.9	46.6	46.6	36.6	29.9	26.6
72.5°	602.1	329.3	83.2	73.2	49.9	33.3	36.6	36.6	29.9	23.3	23.3
75°	362.6	196.3	56.6	56.6	33.3	26.6	26.6	29.9	23.3	16.6	16.6
77.5°	206.3	116.4	33.3	43.2	23.3	16.6	20.0	16.6	13.3	10.0	10.0
80°	116.4	66.5	20.0	29.9	13.3	10.0	10.0	6.7	6.7	3.3	3.3
82.5°	56.6	36.6	10.0	10.0	6.7	3.3	3.3	3.3	3.3	0.0	0.0
85°	26.6	6.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	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: SP1-2407-184-3

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

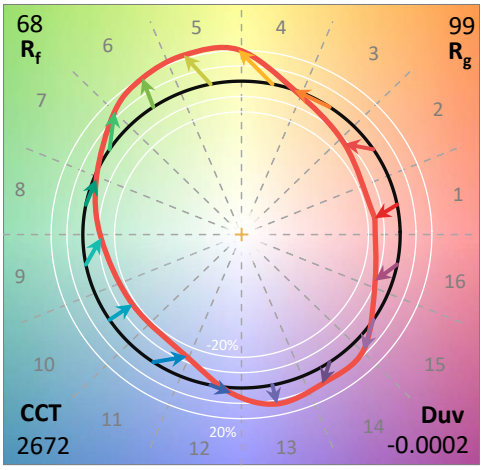
Test Information

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

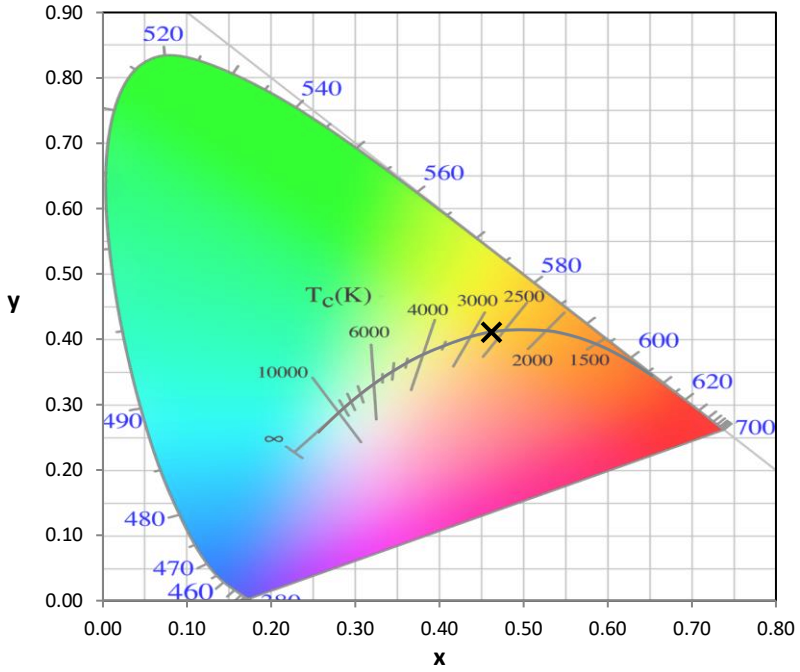
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

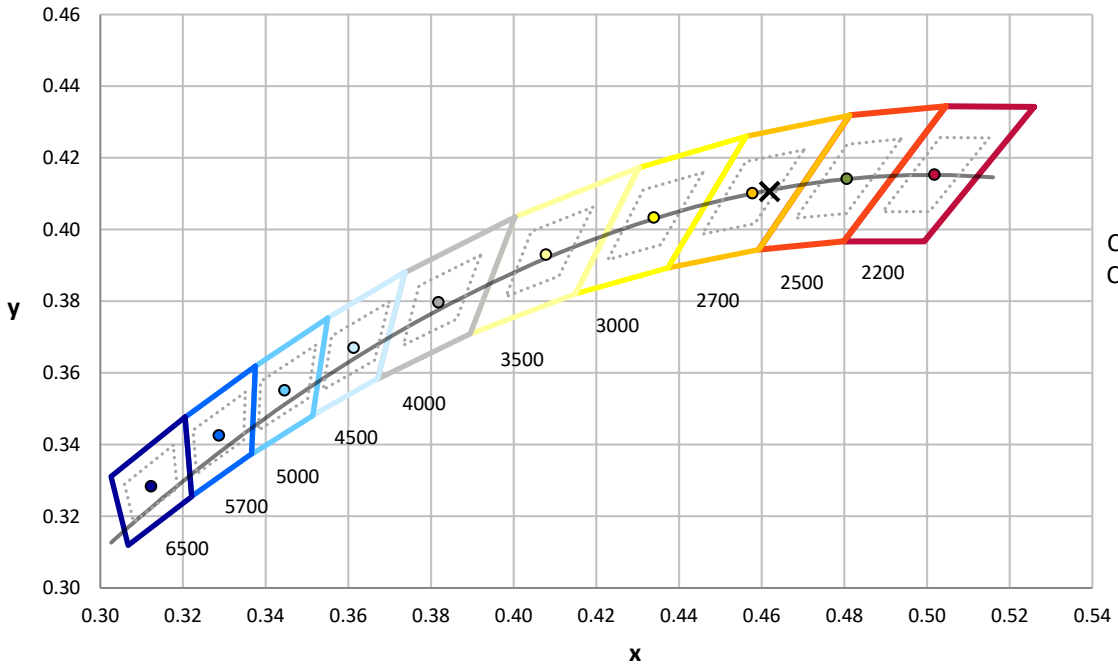
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

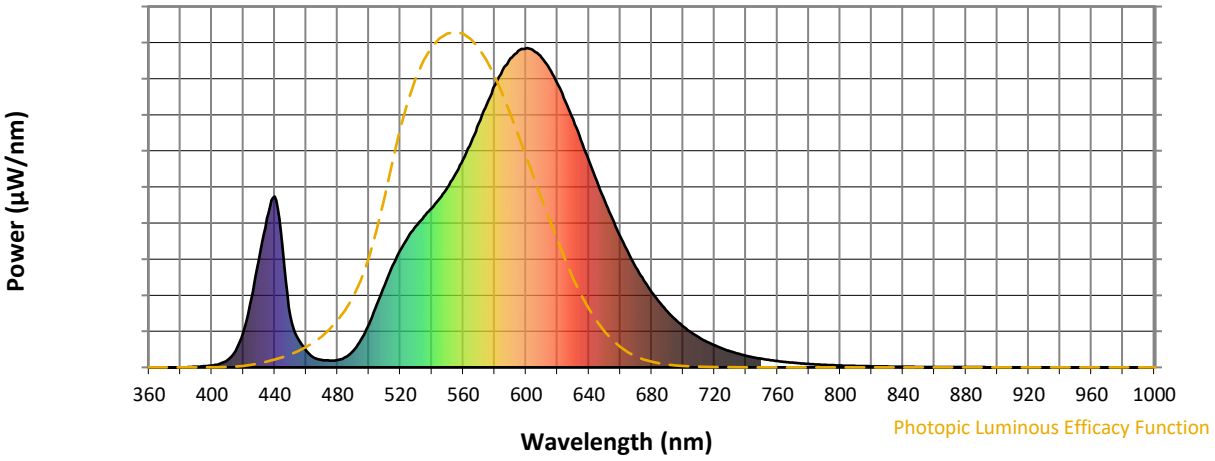


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

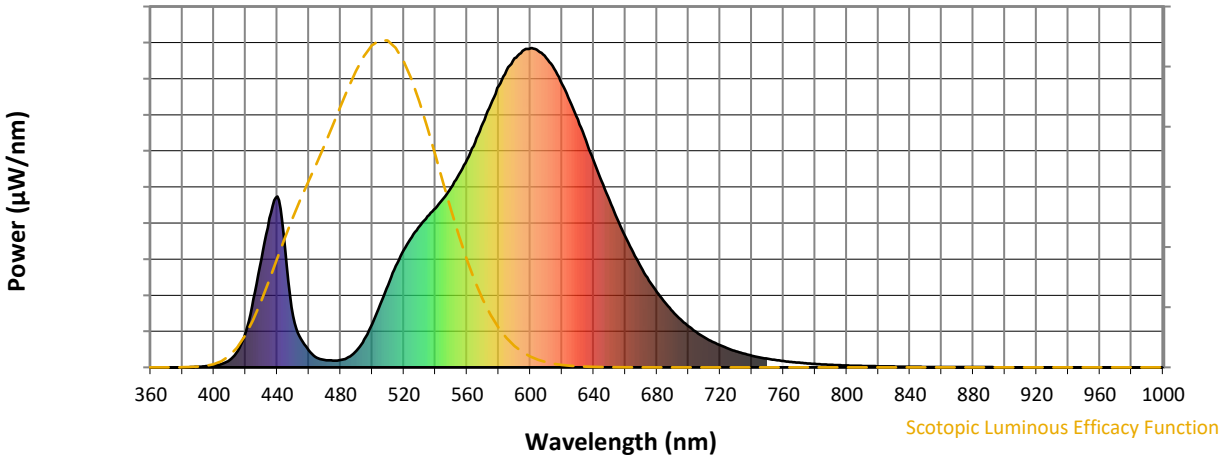


Photopic Lumens: NR

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

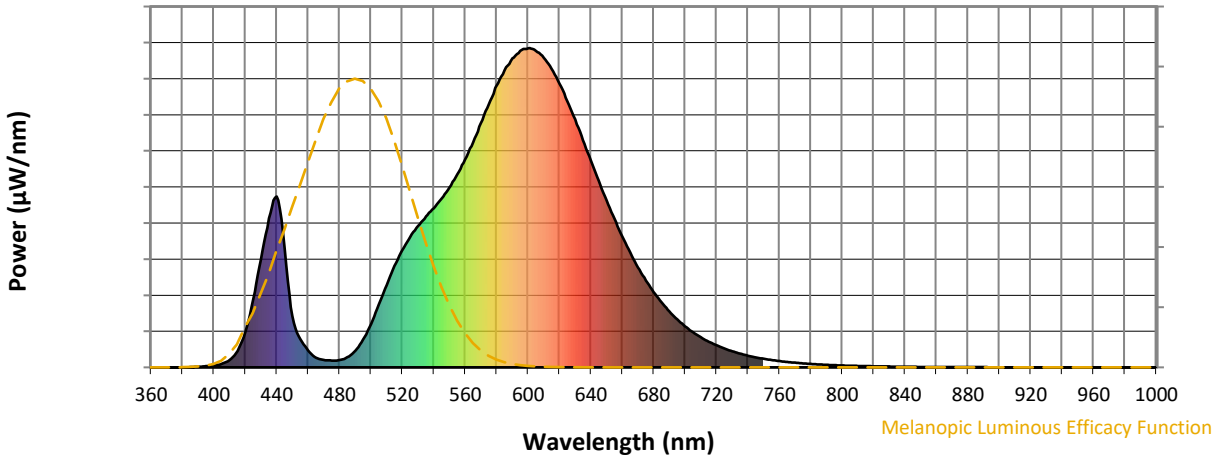


Scotopic Lumens: NR **S/P: 1.02**

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			

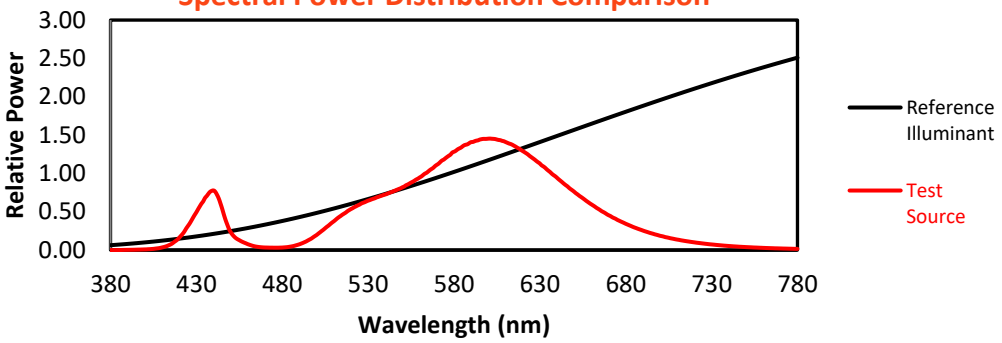
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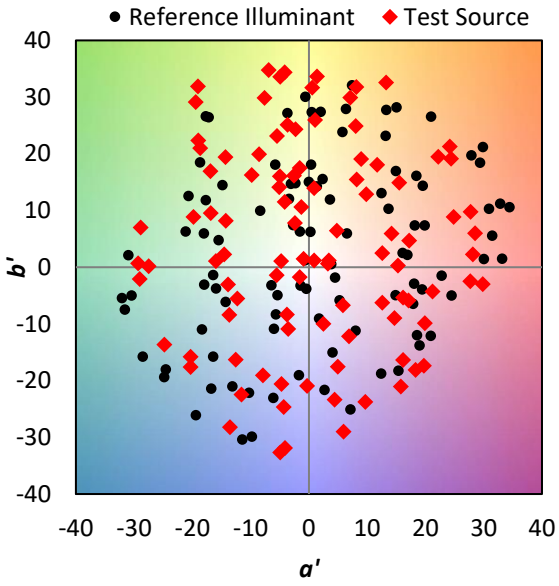
Summary

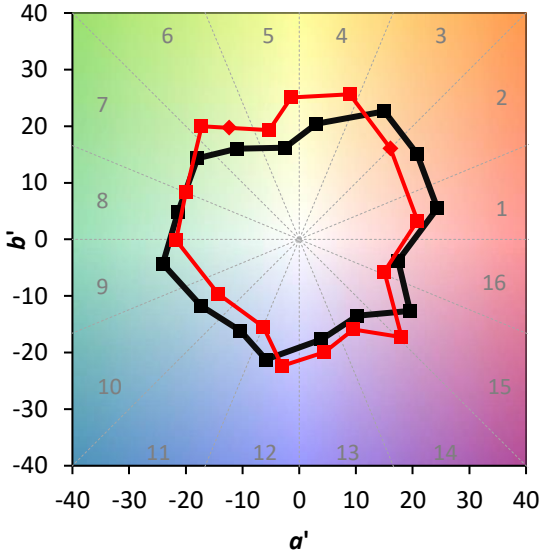
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

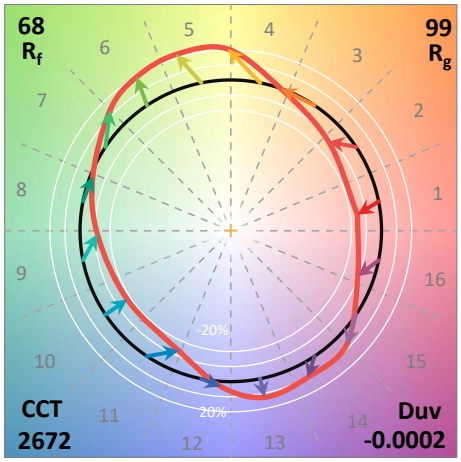
Spectral Power Distribution Comparison

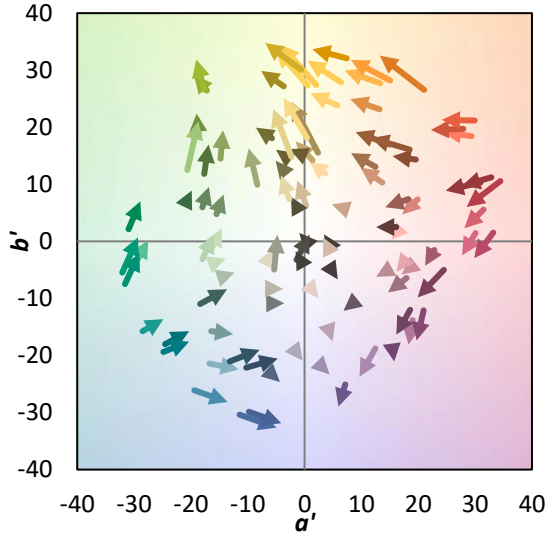


Color Vector Graphics







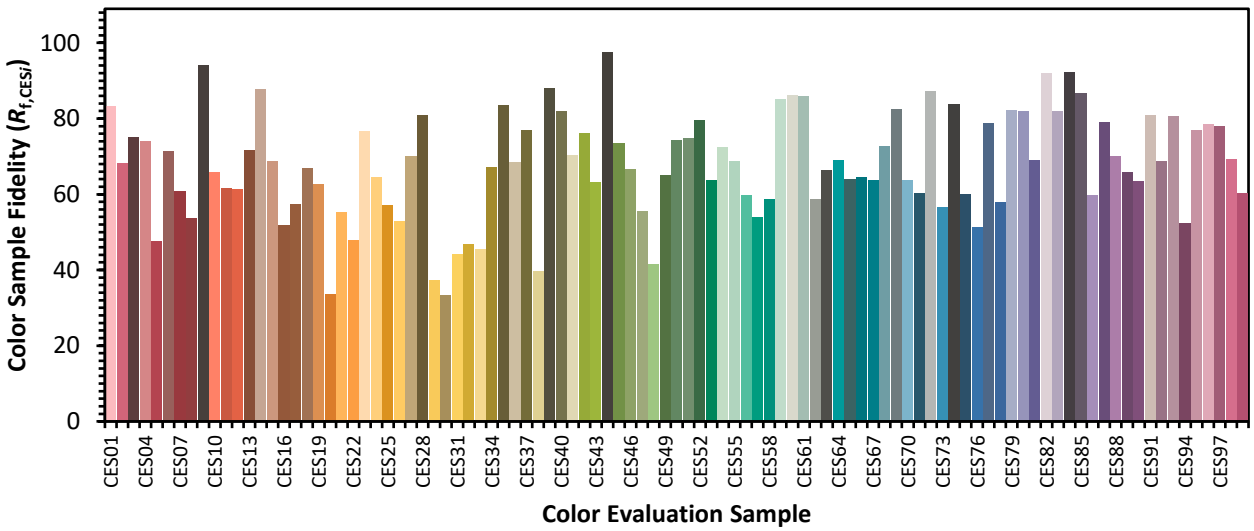


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Individual Sample Fidelity Index ($R_{f,i}$)

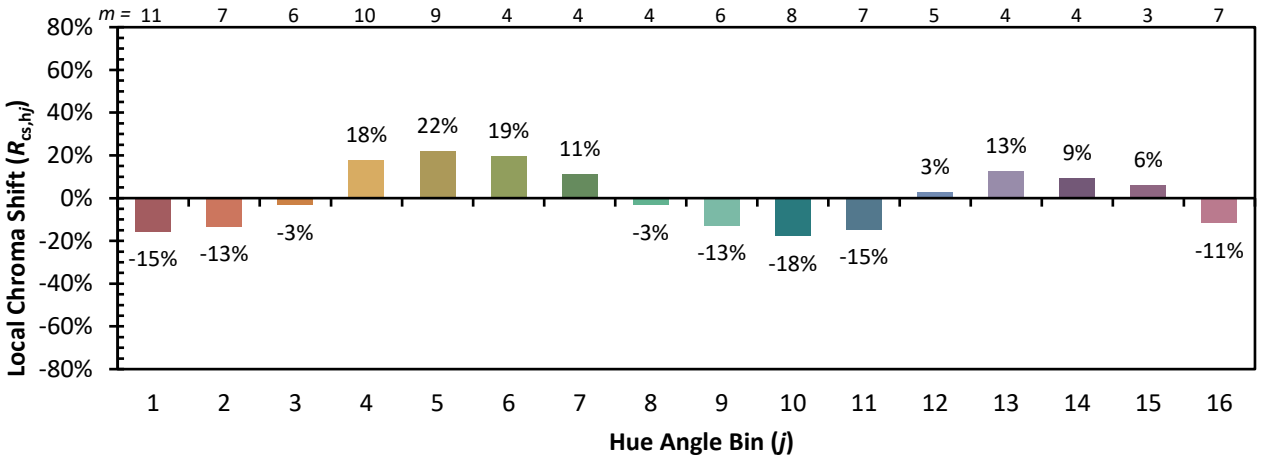
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

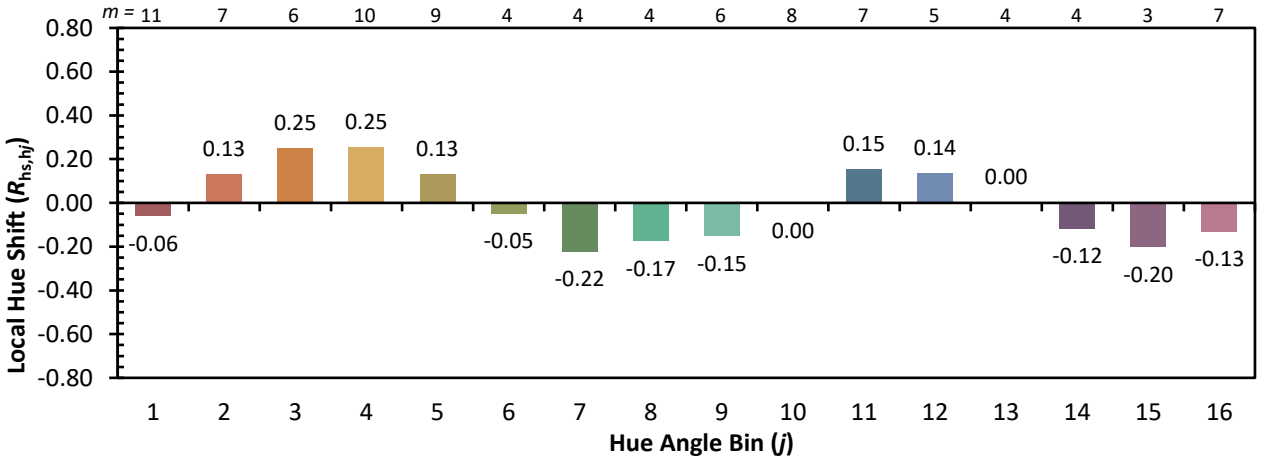


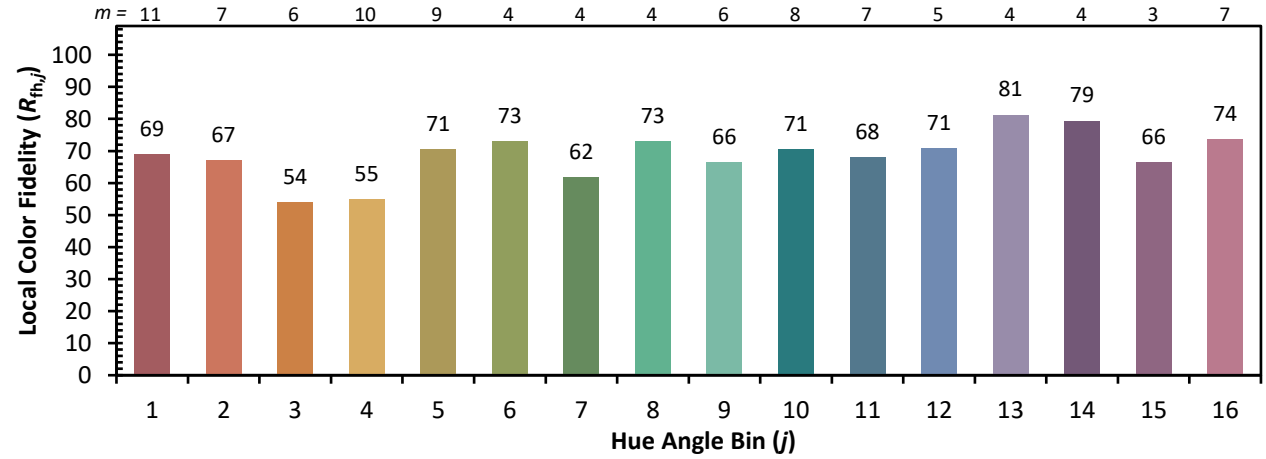
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Color Rendition by Hue-Angle Bin



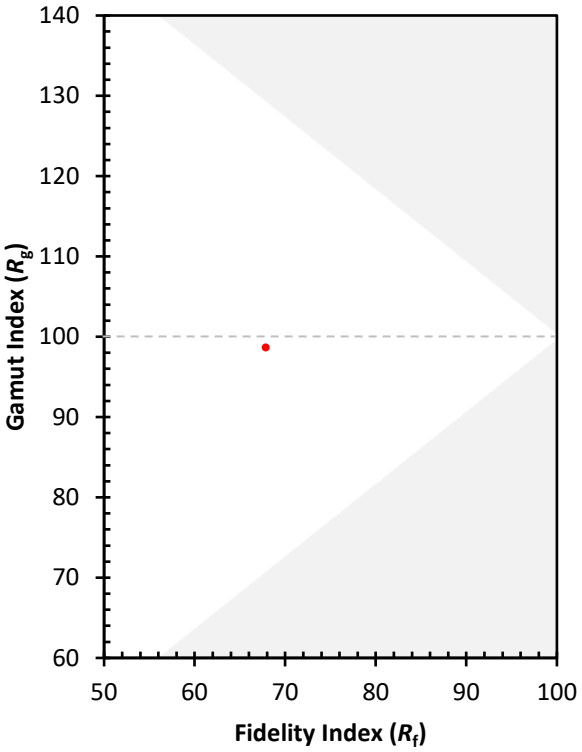


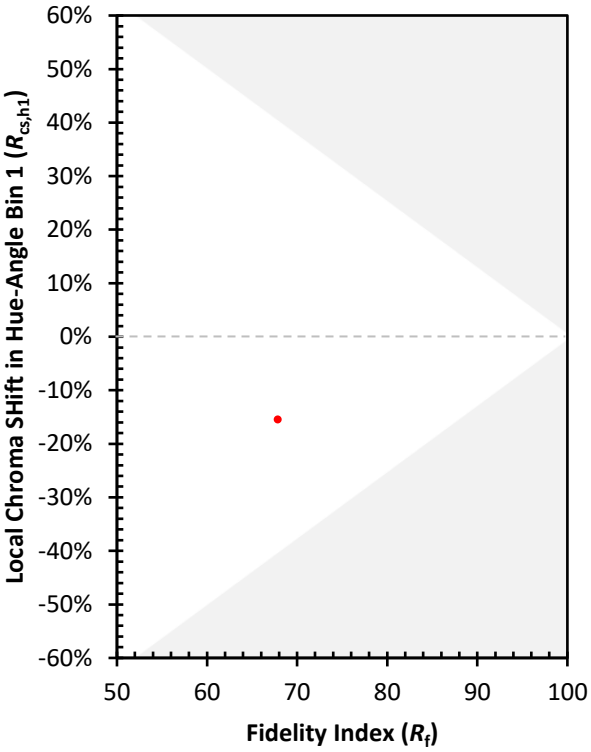


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Measure Comparisons





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