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: P1502528

Luminaire Tested: GSS-SB1D-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:	P1502528
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1D-727-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 76W 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:	6956.8 lumens
Efficiency:	N/A
Efficacy:	91.5 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

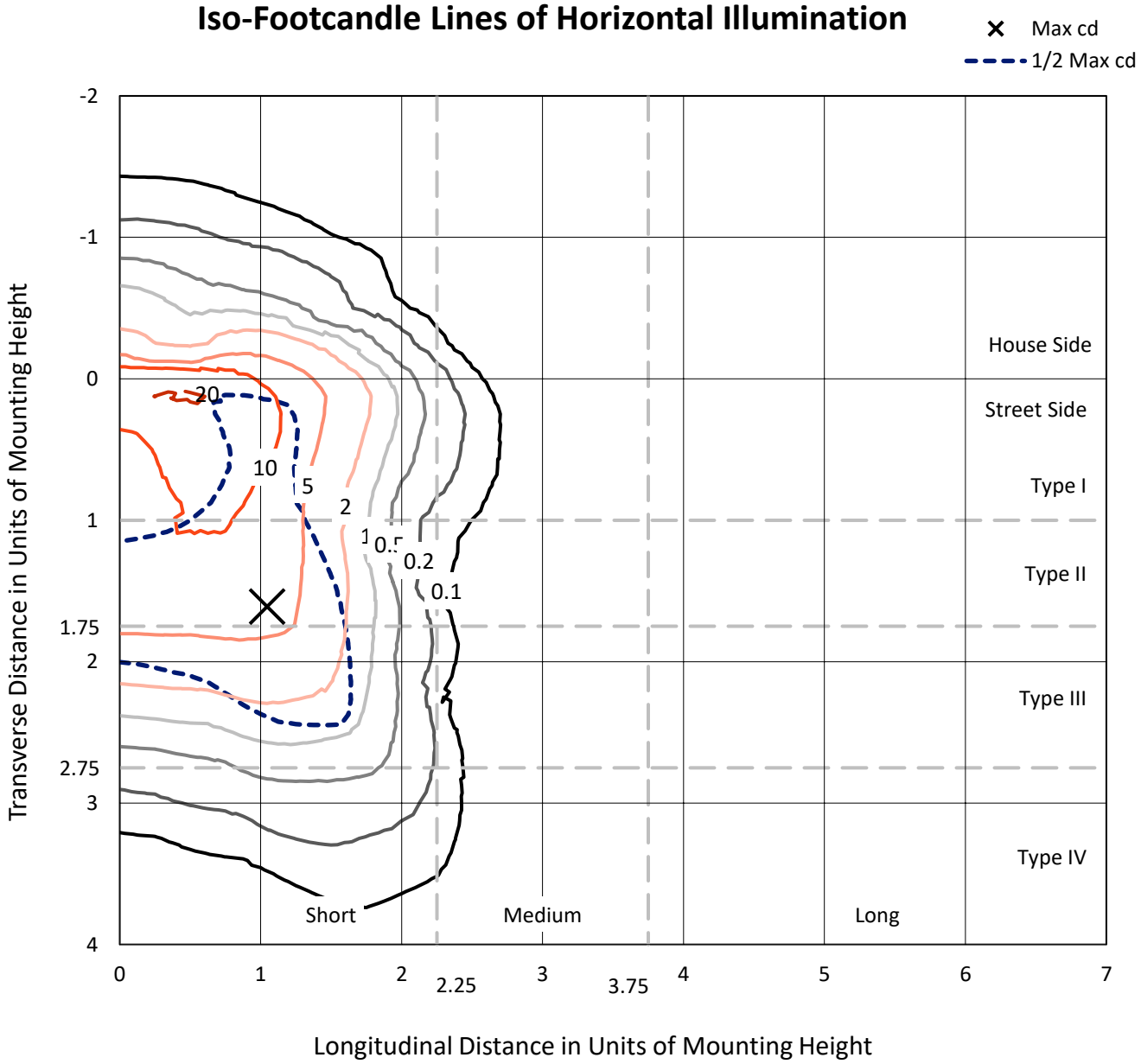
Input Watts (W):	76
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502528
CATALOG NUMBER: GSS-SB1D-727-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



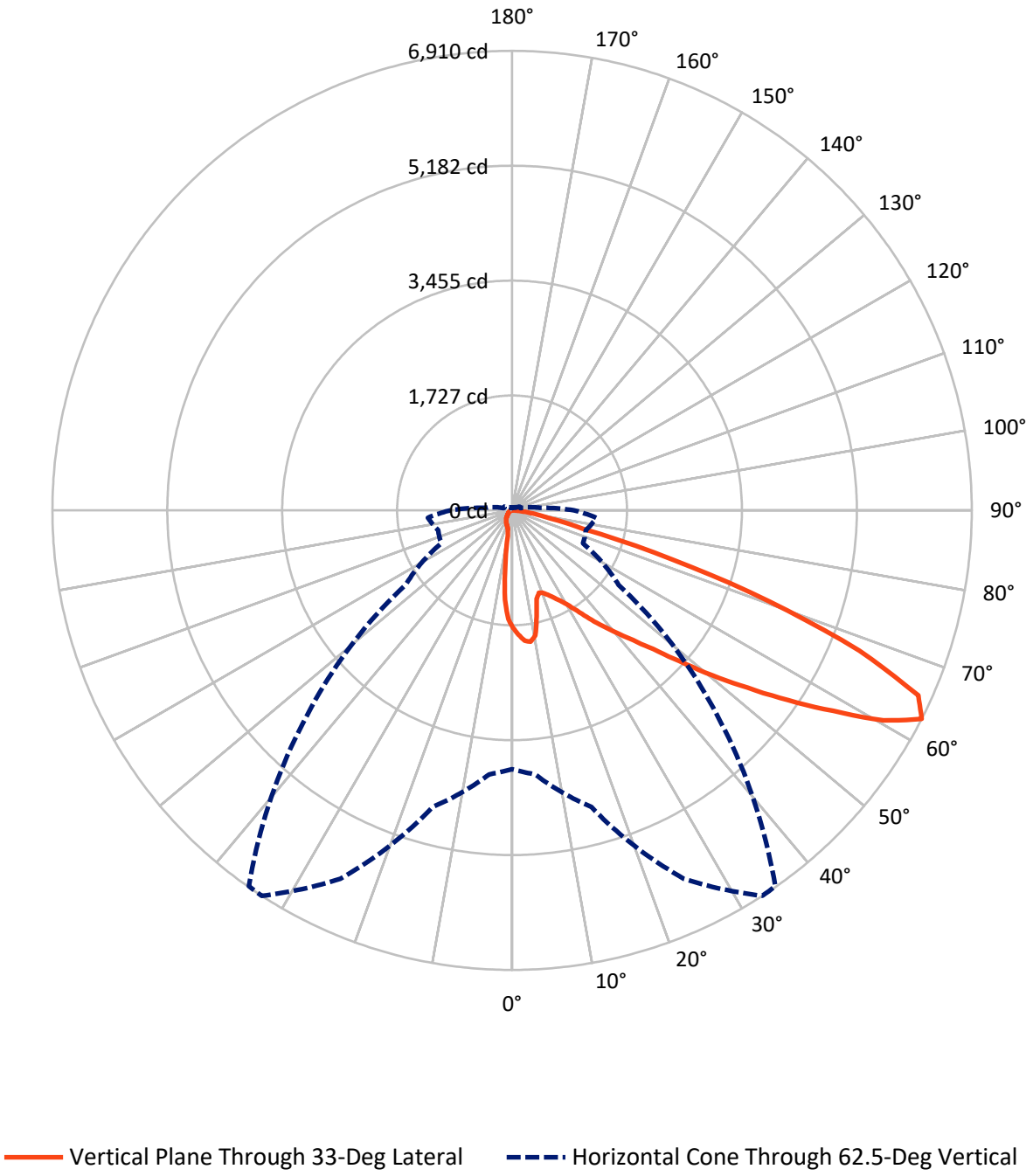
Based on 10 foot mounting height. Maximum calculated value = 21.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1502528
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Luminous Intensity Polar Plot



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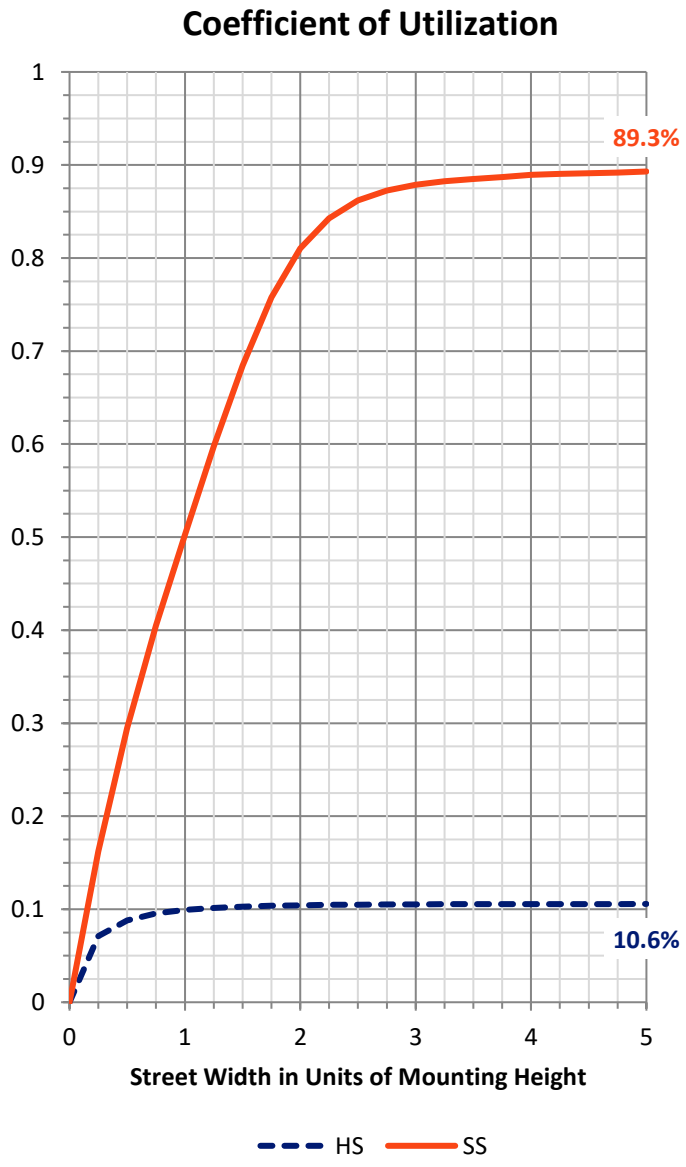
REPORT NUMBER: P1502528
CATALOG NUMBER: GSS-SB1D-727-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	740.3	0.0	740.3
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	6216.5	0.0	6216.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	6956.8	0.0	6956.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.2	2.2
10°-20°	335.3	4.8
20°-30°	540.3	7.8
30°-40°	898.9	12.9
40°-50°	1420.7	20.4
50°-60°	1908.7	27.4
60°-70°	1401.2	20.1
70°-80°	277.3	4.0
80°-90°	24.1	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°	6956.8	100.0
0°-180°	6956.8	100.0



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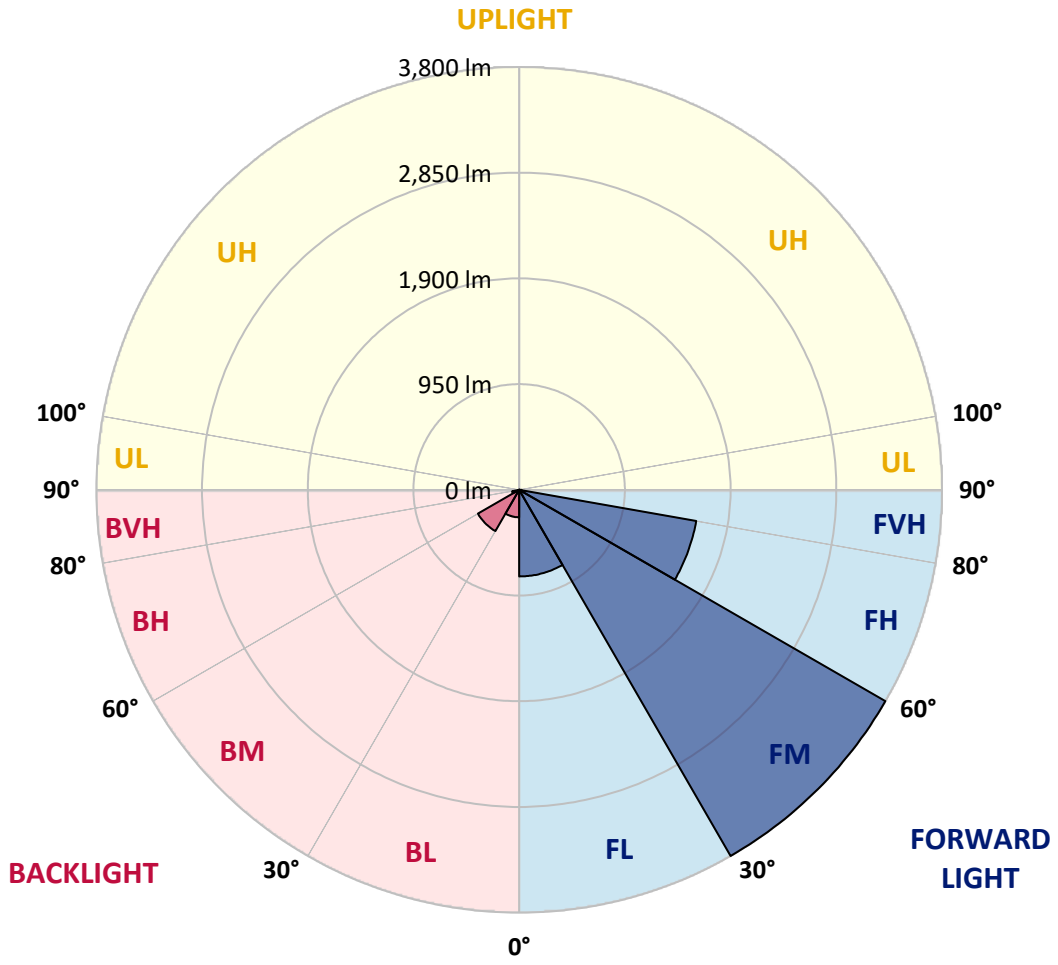
Scaled Data Report

REPORT NUMBER: P1502528
CATALOG NUMBER: GSS-SB1D-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°)	778.8	11.2			
FM	(30°-60°)	3800.1	54.6			
FH	(60°-80°)	1615.3	23.2			G1/1800
FVH	(80°-90°)	22.3	0.3			G1/100
BL	(0°-30°)	247.0	3.6	B1/500		
BM	(30°-60°)	428.2	6.2	B1/1000		
BH	(60°-80°)	63.2	0.9	B0/110		G0/110
BVH	(80°-90°)	1.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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REPORT NUMBER: P1502528
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1
2.5°	1882.7	1890.5	1890.5	1874.9	1870.9	1863.1	1855.3	1853.3	1827.8	1808.2	1788.7
5°	1978.7	1976.7	1974.8	1966.9	1968.9	1959.1	1953.2	1943.4	1900.3	1870.9	1818.0
7.5°	1937.5	1955.2	1963.0	1984.6	1994.4	1992.4	2008.1	2012.0	1974.8	1933.6	1853.3
10°	1669.1	1659.4	1729.9	1822.0	1914.0	1935.6	2019.8	2064.9	2051.2	2014.0	1910.1
12.5°	1322.4	1332.2	1381.2	1488.9	1639.8	1686.8	1929.7	2108.0	2147.2	2123.7	1988.5
15°	1210.7	1210.7	1236.2	1287.1	1377.2	1422.3	1722.0	2102.1	2249.0	2251.0	2086.4
17.5°	1187.2	1191.1	1212.7	1246.0	1304.8	1324.3	1534.0	2015.9	2349.0	2384.2	2196.1
20°	1191.1	1197.0	1220.5	1267.5	1324.3	1347.9	1485.0	1906.2	2433.2	2529.2	2311.7
22.5°	1204.8	1202.9	1244.0	1306.7	1379.2	1400.8	1526.1	1861.1	2503.7	2695.7	2446.9
25°	1220.5	1222.5	1275.4	1363.5	1451.7	1477.2	1618.2	1902.3	2554.7	2874.0	2584.0
27.5°	1267.5	1273.4	1338.1	1434.1	1537.9	1571.2	1737.7	2010.0	2642.8	3046.4	2732.9
30°	1340.0	1345.9	1420.3	1535.9	1647.6	1698.5	1886.6	2145.2	2774.1	3246.2	2885.7
32.5°	1424.3	1432.1	1528.1	1661.3	1796.5	1845.5	2057.1	2350.9	2948.4	3450.0	3044.4
35°	1530.1	1551.6	1655.4	1814.1	1996.3	2043.3	2266.7	2584.0	3175.7	3632.2	3179.6
37.5°	1675.0	1692.7	1820.0	2017.9	2202.0	2264.7	2501.8	2828.9	3381.4	3794.8	3289.3
40°	1851.3	1867.0	2010.0	2225.5	2417.5	2470.4	2748.6	3075.8	3602.8	3884.9	3312.8
42.5°	2145.2	2188.3	2278.4	2460.6	2666.3	2732.9	3022.9	3314.8	3763.4	3902.5	3275.6
45°	2658.5	2672.2	2691.8	2778.0	2975.9	3034.6	3312.8	3522.5	3859.4	3906.4	3242.3
47.5°	3150.2	3197.2	3224.7	3263.9	3383.4	3404.9	3616.5	3708.6	3935.8	3892.7	3242.3
50°	3642.0	3677.2	3724.2	3771.3	3898.6	3906.4	3937.8	3834.0	3939.7	3781.1	3222.7
52.5°	4088.6	4100.4	4180.7	4270.8	4429.5	4472.6	4235.6	3926.0	3702.7	3428.4	3130.6
55°	4488.3	4504.0	4625.4	4809.6	5036.8	5093.7	4600.0	3747.8	3195.3	2971.9	2917.1
57.5°	4746.9	4784.1	5027.0	5432.6	5689.2	5663.7	4882.1	3330.5	2566.4	2431.2	2539.0
60°	4617.6	4668.5	5179.9	5955.7	6412.1	6337.7	4803.7	2740.8	1896.4	1798.5	2010.0
62.5°	3890.8	3984.8	4617.6	6110.4	6909.7	6898.0	4360.9	1955.2	1175.5	1150.0	1269.5
65°	2705.5	2868.1	3618.5	5593.2	6709.9	6727.5	3671.3	1138.2	544.6	675.9	742.5
67.5°	1594.7	1710.3	2331.3	4566.7	5630.4	5467.8	2495.9	527.0	272.3	411.4	393.8
70°	701.4	779.7	1336.1	3163.9	4102.3	3839.8	1218.6	256.6	207.7	248.8	217.5
72.5°	385.9	421.2	703.3	1671.1	2495.9	2372.5	411.4	170.4	178.3	186.1	156.7
75°	215.5	231.2	370.3	965.8	1097.1	1020.7	199.8	111.7	150.9	150.9	115.6
77.5°	125.4	139.1	231.2	601.4	601.4	485.9	121.5	70.5	113.6	101.9	62.7
80°	58.8	66.6	127.3	333.0	380.1	313.5	68.6	49.0	74.4	64.7	41.1
82.5°	17.6	21.6	62.7	129.3	215.5	184.2	35.3	31.3	54.9	41.1	23.5
85°	11.8	13.7	31.3	52.9	105.8	92.1	11.8	9.8	23.5	19.6	9.8
87.5°	2.0	2.0	3.9	3.9	3.9	3.9	2.0	2.0	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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Scaled Data Report

REPORT NUMBER: P1502528
CATALOG NUMBER: GSS-SB1D-727-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1	1767.1
2.5°	1776.9	1763.2	1731.8	1702.5	1686.8	1651.5	1637.8	1622.1	1614.3	1612.3	1600.6
5°	1784.7	1759.3	1680.9	1602.5	1520.3	1441.9	1361.6	1291.0	1234.2	1236.2	1238.1
7.5°	1808.2	1757.3	1620.2	1463.4	1287.1	1083.4	865.9	703.3	599.5	577.9	558.3
10°	1839.6	1765.1	1545.7	1255.8	909.0	572.1	403.6	344.8	319.3	313.5	315.4
12.5°	1898.4	1784.7	1451.7	969.8	503.5	329.1	291.9	282.1	278.2	278.2	278.2
15°	1970.9	1812.2	1304.8	634.7	329.1	274.3	266.4	264.5	260.6	260.6	262.5
17.5°	2031.6	1812.2	1110.8	413.4	270.4	254.7	248.8	246.8	246.8	248.8	246.8
20°	2098.2	1798.5	893.3	311.5	250.8	237.1	233.1	233.1	233.1	235.1	235.1
22.5°	2166.8	1774.9	691.6	266.4	233.1	221.4	219.4	221.4	223.3	225.3	225.3
25°	2243.2	1745.6	546.6	246.8	217.5	207.7	207.7	207.7	209.6	213.5	215.5
27.5°	2327.4	1720.1	468.2	235.1	203.7	194.0	194.0	195.9	199.8	201.8	203.7
30°	2405.8	1720.1	442.8	241.0	197.9	186.1	182.2	184.2	188.1	192.0	192.0
32.5°	2503.7	1739.7	456.5	266.4	195.9	174.4	170.4	170.4	174.4	176.3	176.3
35°	2586.0	1776.9	503.5	301.7	203.7	164.6	156.7	154.8	158.7	156.7	158.7
37.5°	2652.6	1827.8	589.7	348.7	219.4	152.8	143.0	137.1	137.1	137.1	137.1
40°	2672.2	1878.8	699.4	380.1	217.5	139.1	125.4	119.5	117.5	115.6	115.6
42.5°	2644.8	1902.3	787.6	378.1	194.0	129.3	111.7	103.8	98.0	96.0	96.0
45°	2623.2	1914.0	818.9	329.1	176.3	117.5	99.9	90.1	84.2	82.3	80.3
47.5°	2625.2	1925.8	771.9	268.4	160.6	107.8	90.1	80.3	74.4	72.5	70.5
50°	2633.0	1906.2	654.3	223.3	146.9	98.0	80.3	72.5	66.6	64.7	62.7
52.5°	2550.7	1802.4	460.4	195.9	135.2	92.1	72.5	66.6	60.7	58.8	58.8
55°	2335.2	1553.6	311.5	174.4	125.4	84.2	66.6	62.7	56.8	52.9	52.9
57.5°	1990.4	1171.5	215.5	158.7	109.7	76.4	62.7	56.8	50.9	47.0	47.0
60°	1522.2	764.0	156.7	145.0	90.1	70.5	58.8	54.9	47.0	43.1	41.1
62.5°	*926.7*	*429.0*	*127.3*	*127.3*	*76.4*	*66.6*	*52.9*	*49.0*	*41.1*	*35.3*	*33.3*
65°	536.8	252.7	103.8	107.8	66.6	60.7	47.0	41.1	33.3	27.4	25.5
67.5°	258.6	146.9	82.3	76.4	58.8	50.9	41.1	35.3	29.4	23.5	21.6
70°	158.7	113.6	62.7	54.9	47.0	39.2	33.3	31.3	25.5	19.6	19.6
72.5°	129.3	92.1	49.0	39.2	35.3	27.4	27.4	25.5	19.6	15.7	13.7
75°	101.9	68.6	37.2	27.4	21.6	21.6	19.6	17.6	15.7	11.8	11.8
77.5°	54.9	47.0	27.4	15.7	11.8	13.7	13.7	11.8	9.8	7.8	7.8
80°	35.3	27.4	15.7	7.8	7.8	7.8	7.8	5.9	5.9	3.9	3.9
82.5°	17.6	13.7	7.8	2.0	3.9	3.9	3.9	3.9	3.9	2.0	2.0
85°	3.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
87.5°	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0
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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Peachtree City, GA 30269

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

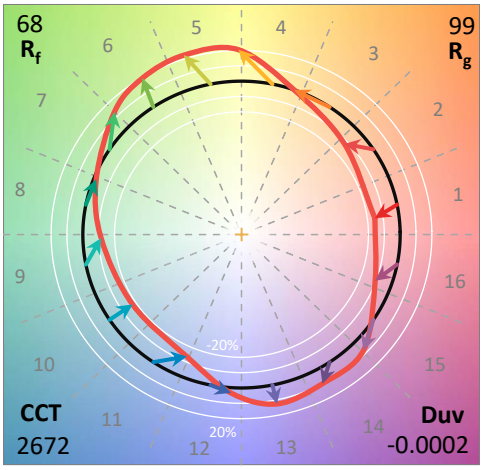
Test Information

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

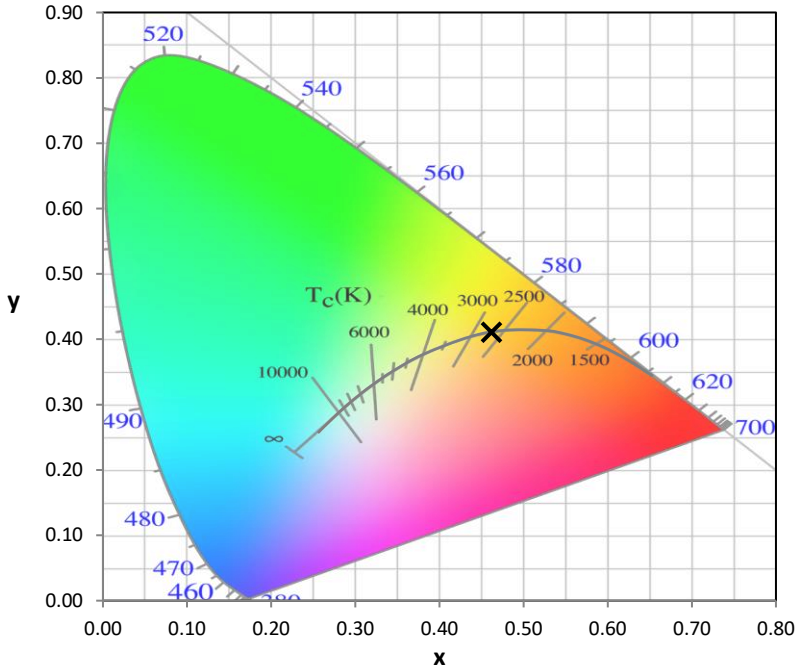
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

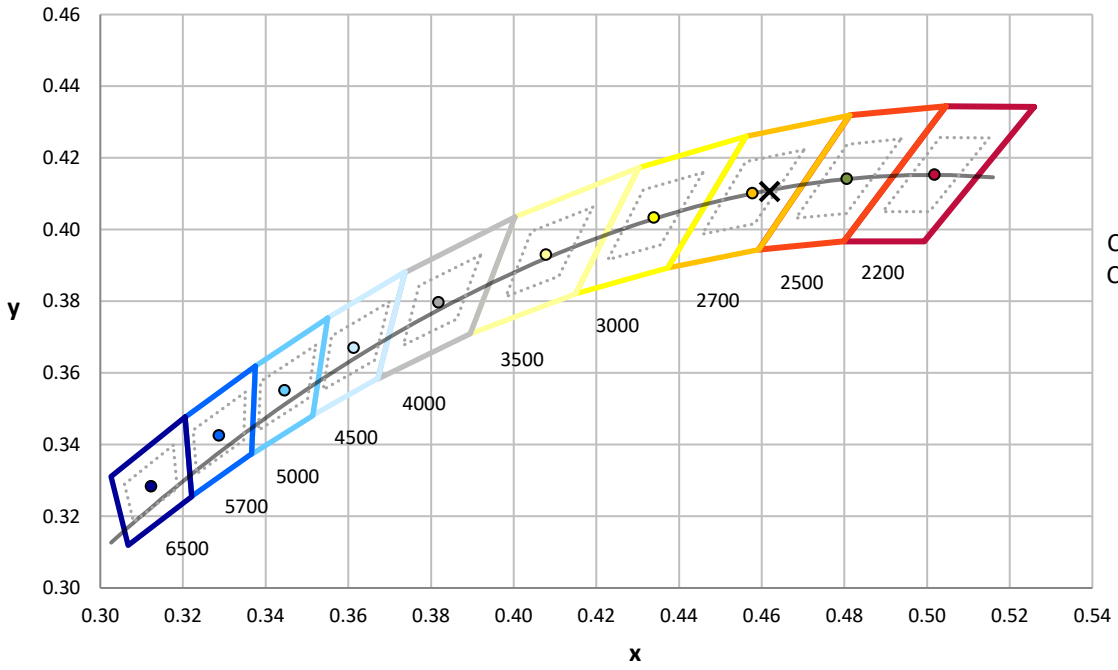
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

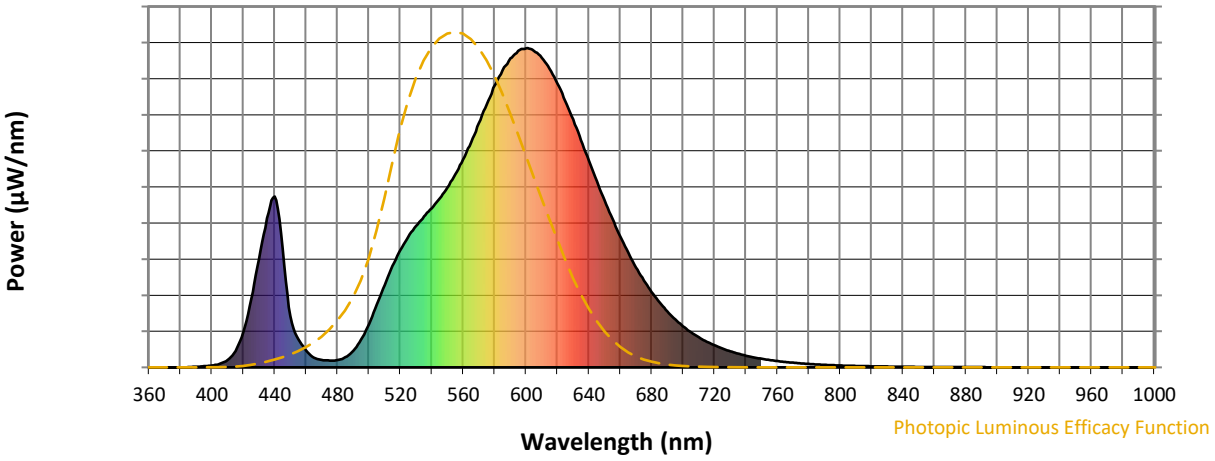


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

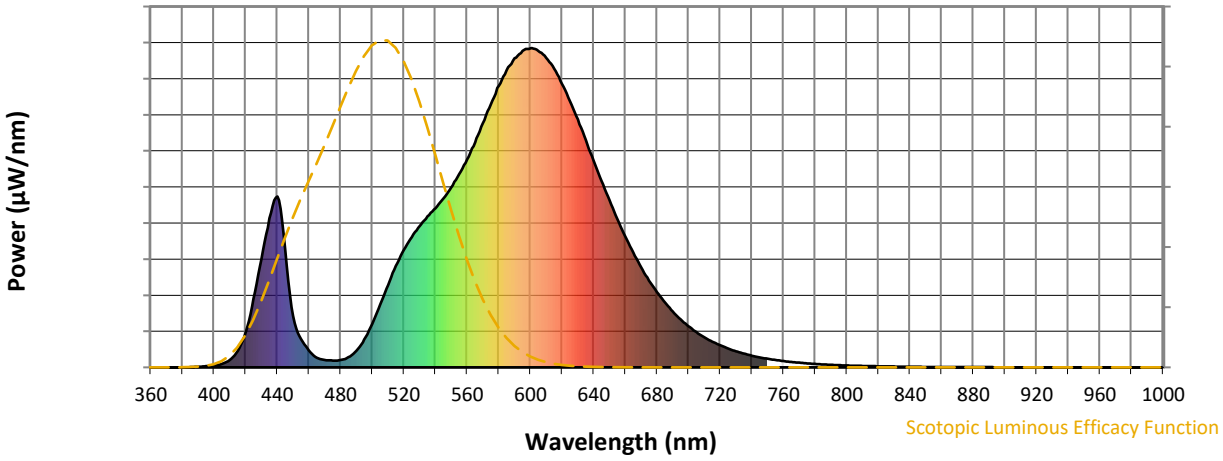


Photopic Lumens: NR

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

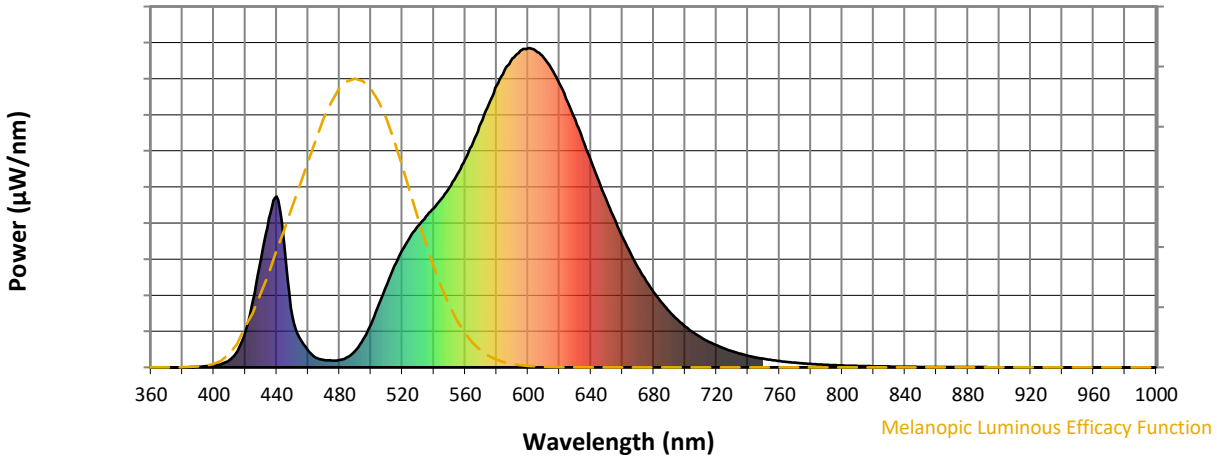


Scotopic Lumens: NR **S/P: 1.02**

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			

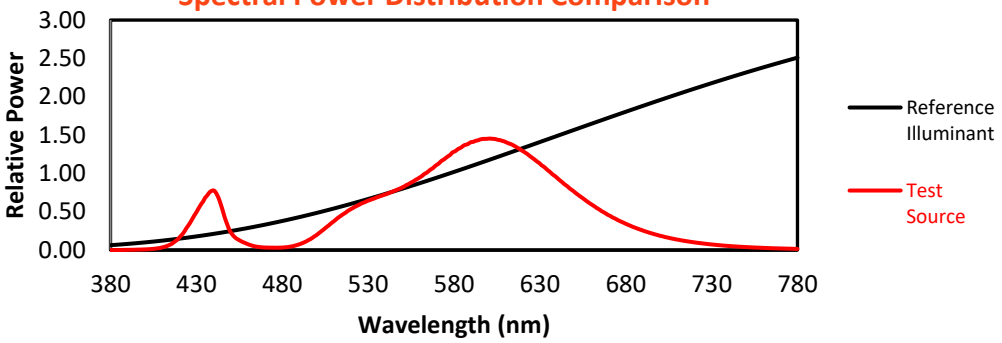
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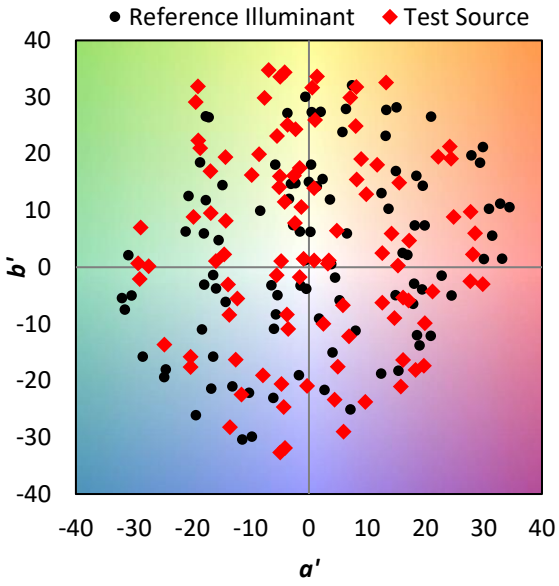
Summary

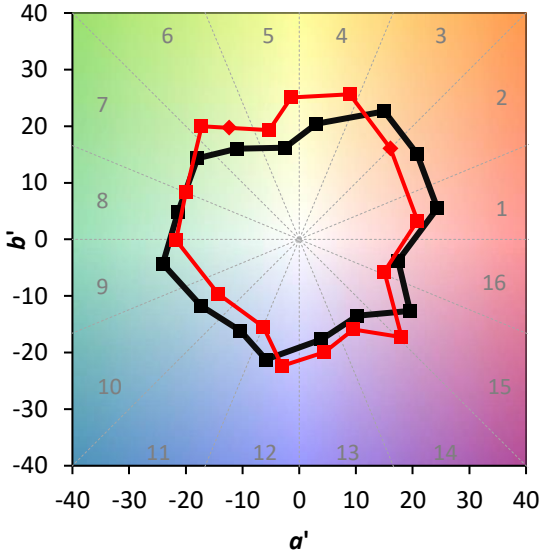
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

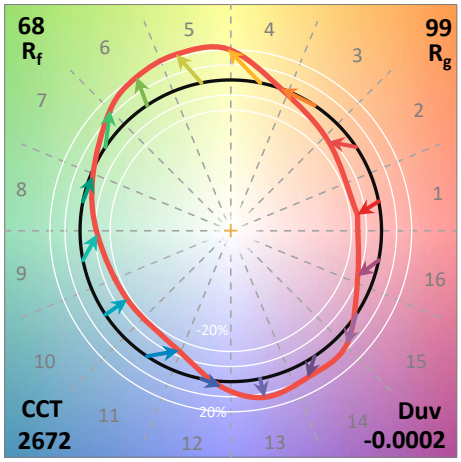
Spectral Power Distribution Comparison

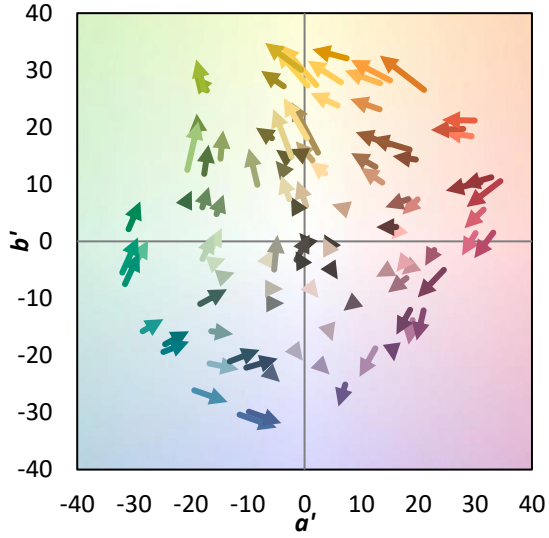


Color Vector Graphics







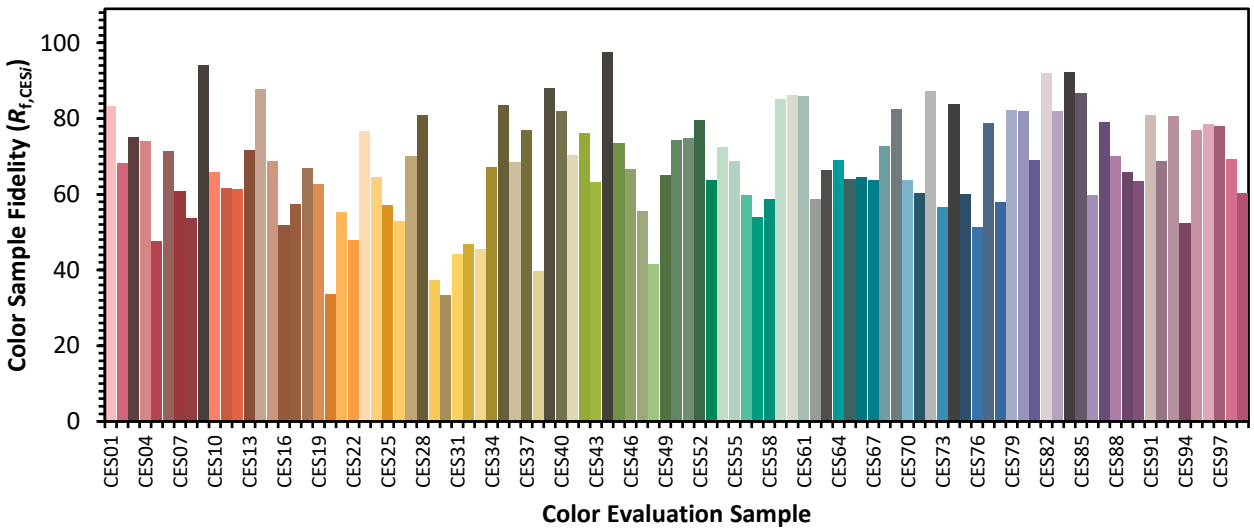


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Individual Sample Fidelity Index ($R_{f,i}$)

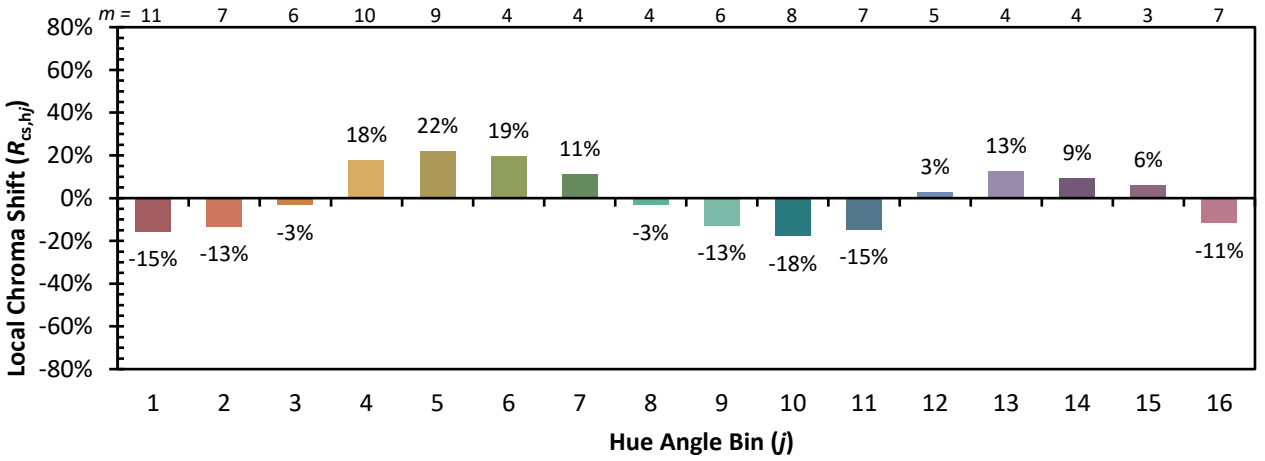
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

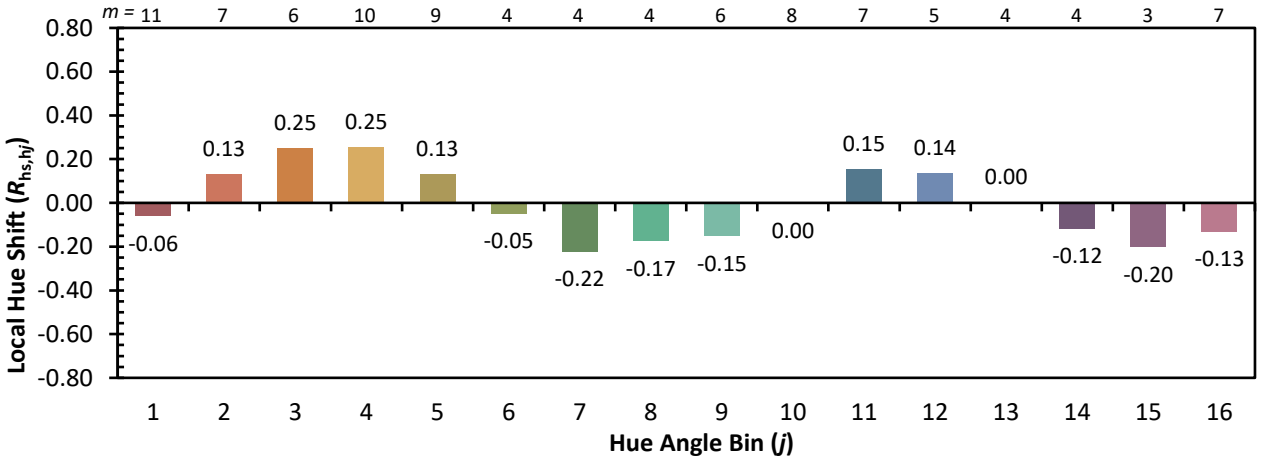


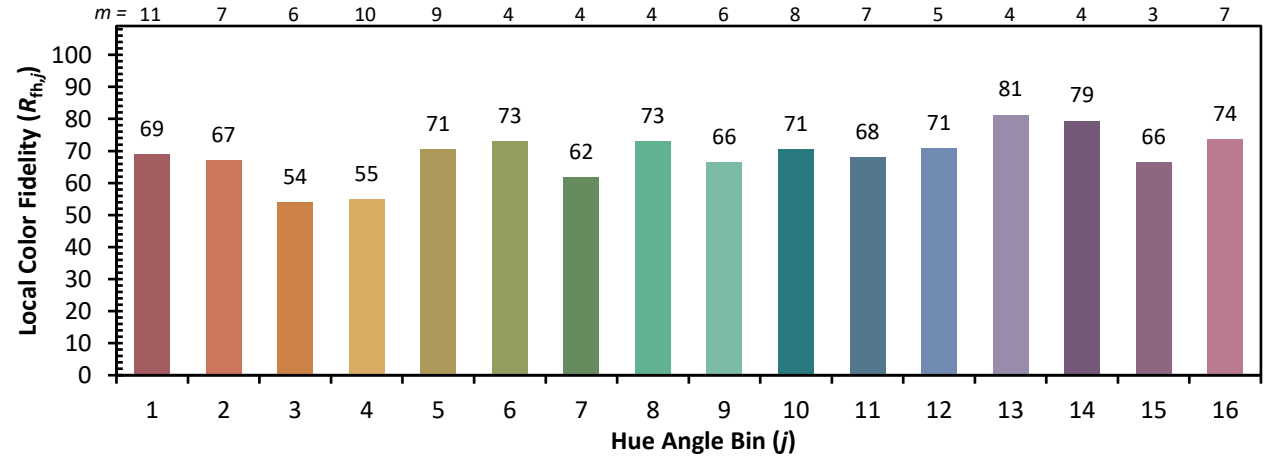
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Color Rendition by Hue-Angle Bin



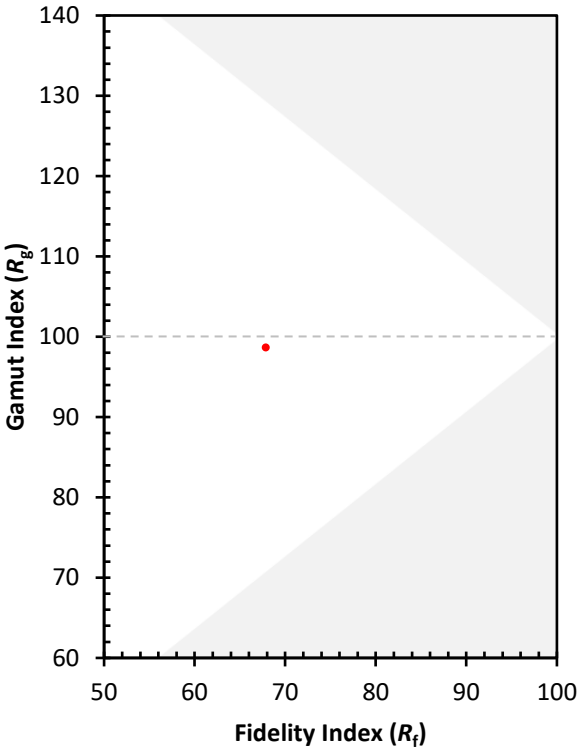


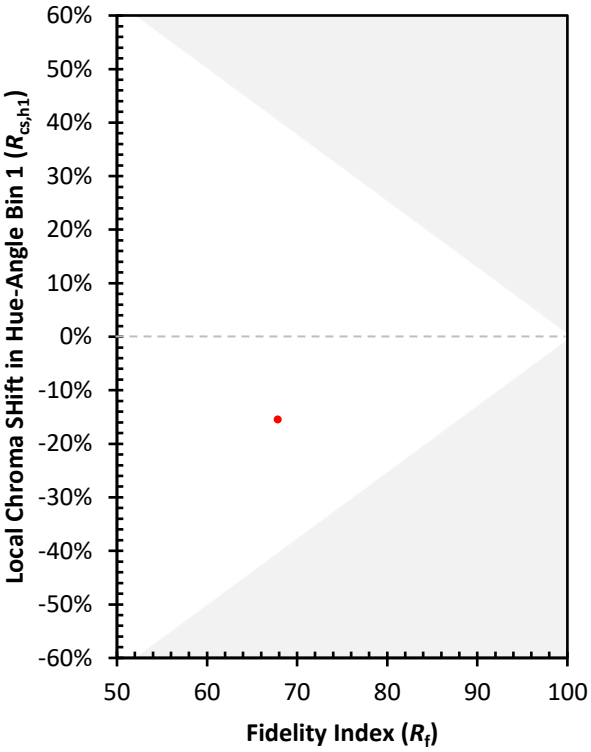


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Measure Comparisons





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