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: P1502177

Luminaire Tested: GSS-SB4A-730-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:	P1502177
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-730-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14573.5 lumens
Efficiency:	N/A
Efficacy:	127.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

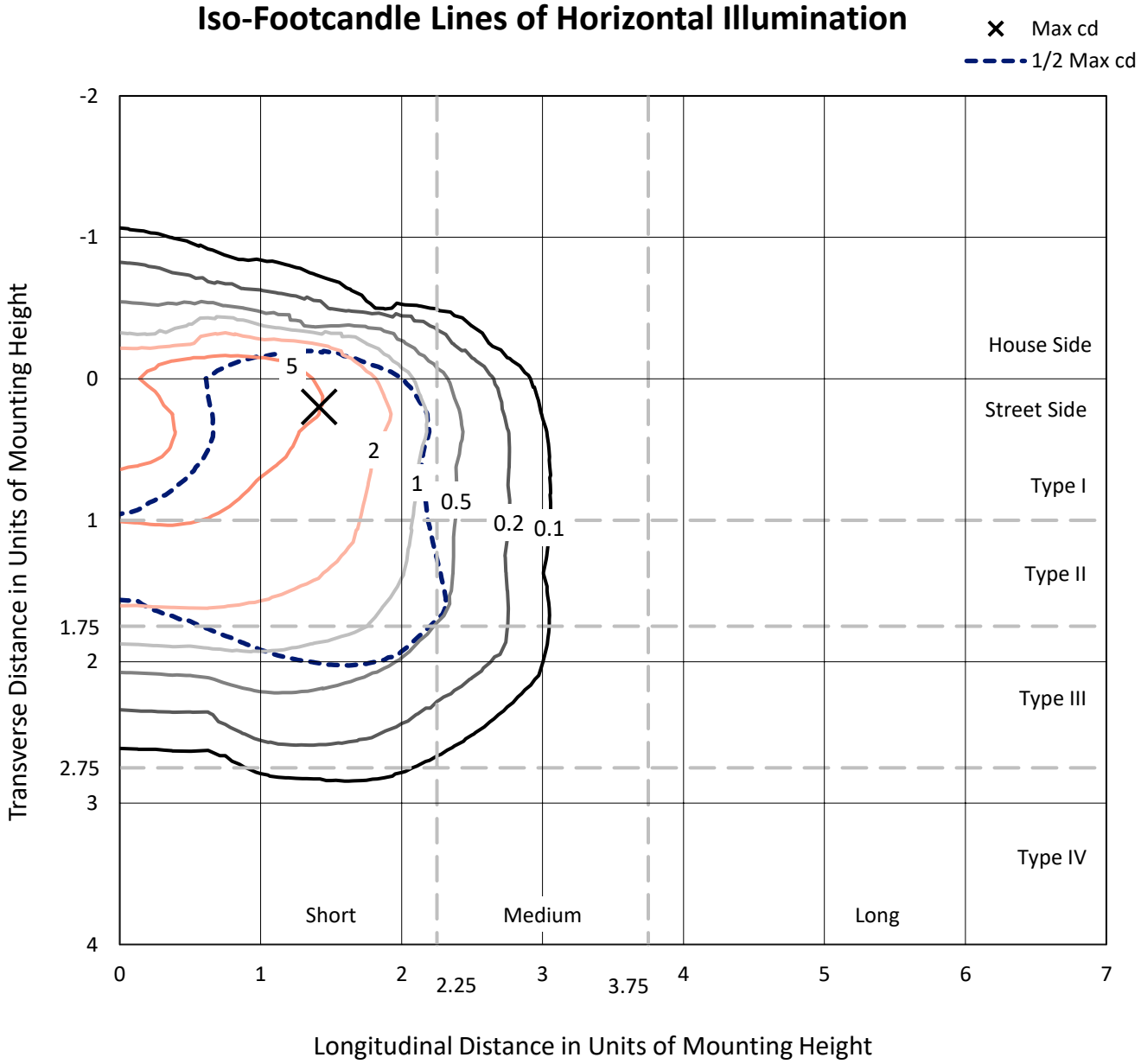
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502177
CATALOG NUMBER: GSS-SB4A-730-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



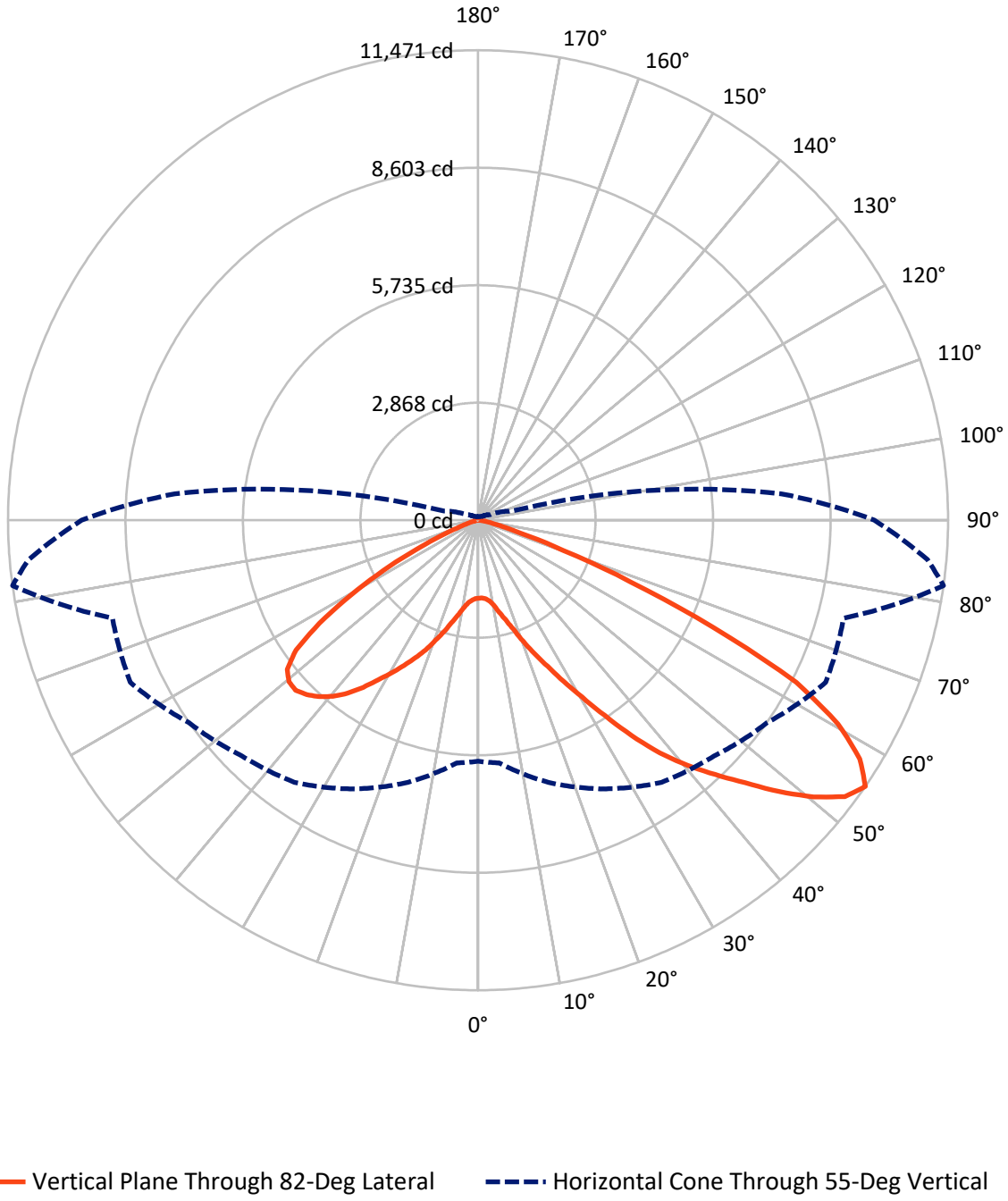
Based on 20 foot mounting height. Maximum calculated value = 8.9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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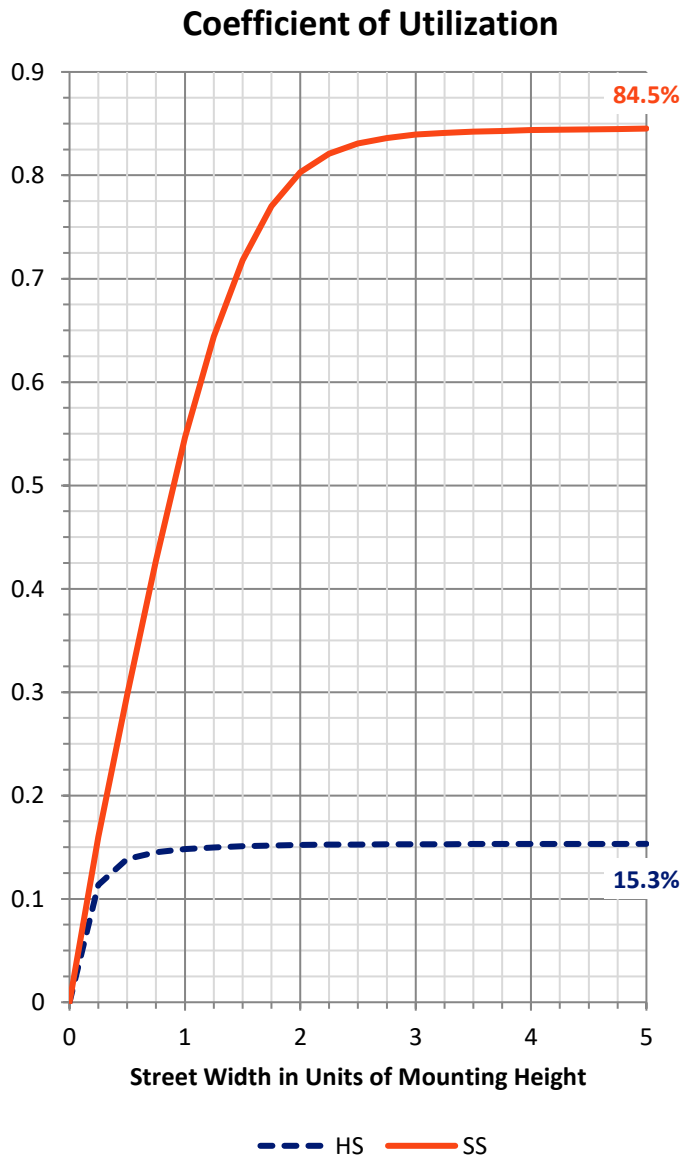
REPORT NUMBER: P1502177
CATALOG NUMBER: GSS-SB4A-730-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2252.6	0.0	2252.6
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	12320.9	0.0	12320.9
	% Fixture	84.5	0.0	84.5
Total	Lumens	14573.5	0.0	14573.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.5	1.2
10°-20°	466.9	3.2
20°-30°	933.3	6.4
30°-40°	1932.7	13.3
40°-50°	3228.6	22.2
50°-60°	4094.9	28.1
60°-70°	3061.2	21.0
70°-80°	648.4	4.4
80°-90°	34.9	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°	14573.5	100.0
0°-180°	14573.5	100.0



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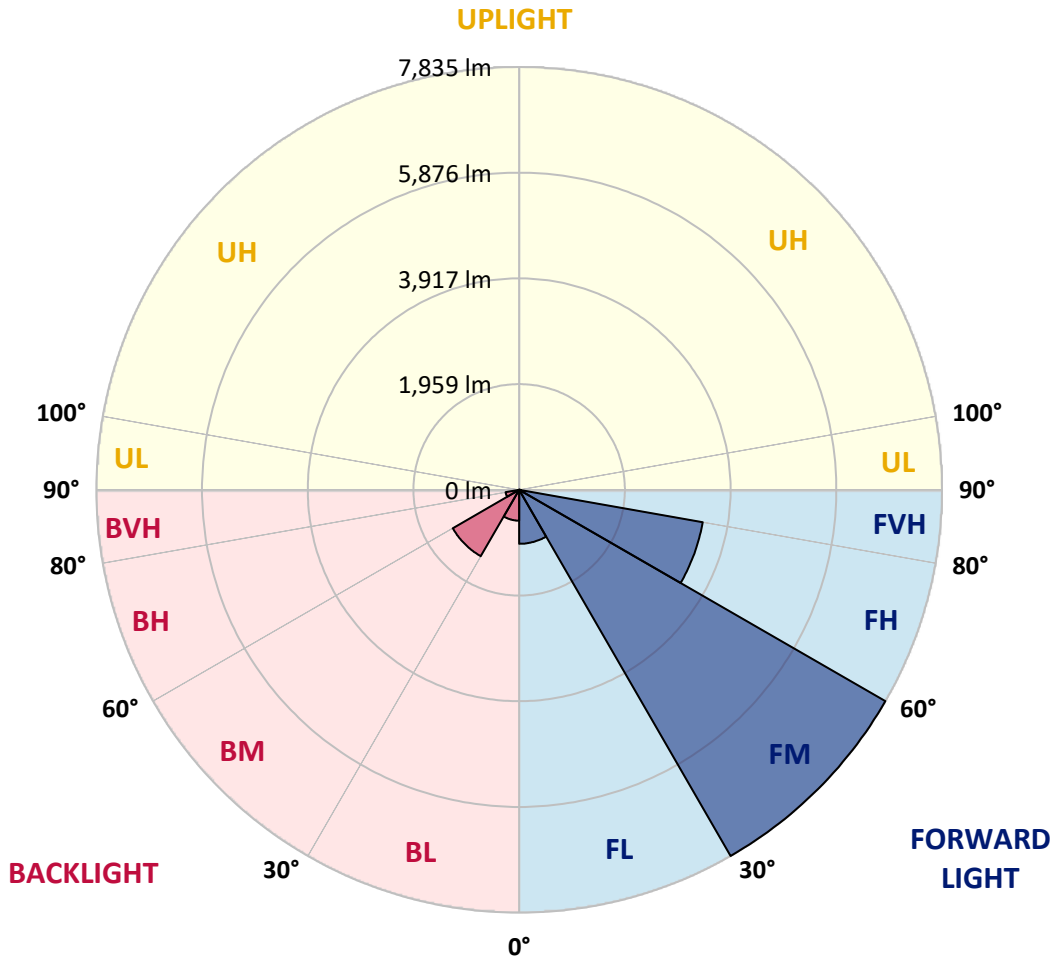
Scaled Data Report

REPORT NUMBER: P1502177
CATALOG NUMBER: GSS-SB4A-730-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1000.9	6.9			
FM	(30°-60°)	7834.9	53.8			
FH	(60°-80°)	3453.9	23.7			G2/5000
FVH	(80°-90°)	31.2	0.2			G1/100
BL	(0°-30°)	571.8	3.9	B2/1000		
BM	(30°-60°)	1421.3	9.8	B2/2500		
BH	(60°-80°)	255.8	1.8	B1/500		G1/500
BVH	(80°-90°)	3.7	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°	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6	*1902.6*	1902.6
2.5°	1851.1	1855.1	1847.2	1851.1	1859.0	1855.1	1870.9	1882.8	1894.6	*1898.6*	1902.6
5°	1689.0	1692.9	1696.9	1728.5	1748.3	1795.8	1839.3	1867.0	1906.5	*1926.3*	1930.2
7.5°	1495.2	1495.2	1511.0	1550.5	1601.9	1692.9	1791.8	1870.9	1946.1	*1985.6*	1993.5
10°	1459.6	1463.5	1463.5	1491.2	1534.7	1625.7	1752.3	1910.5	2045.0	*2104.3*	2124.1
12.5°	1467.5	1471.4	1475.4	1503.1	1546.6	1625.7	1787.9	1993.5	2203.2	*2302.1*	2313.9
15°	1487.2	1495.2	1507.0	1542.6	1590.1	1692.9	1863.0	2112.2	2393.0	*2519.6*	2551.2
17.5°	1546.6	1550.5	1570.3	1609.9	1685.0	1787.9	1973.8	2266.5	2658.0	*2796.5*	2855.8
20°	1637.5	1645.5	1673.1	1728.5	1815.5	1946.1	2151.8	2468.2	2942.8	*3156.4*	3203.9
22.5°	1752.3	1752.3	1791.8	1878.8	2001.4	2147.8	2397.0	2737.2	3290.9	*3540.1*	3619.2
25°	1942.1	1938.2	1969.8	2068.7	2215.0	2428.6	2681.8	3057.5	3654.8	*3951.5*	4034.5
27.5°	2377.2	2365.3	2353.5	2357.4	2484.0	2756.9	3049.6	3461.0	4105.7	*4453.8*	4517.1
30°	2883.5	2899.3	2883.5	2844.0	2863.7	3116.9	3480.8	3955.4	4612.0	*5003.6*	5086.7
32.5°	3326.5	3334.4	3401.7	3445.2	3461.0	3579.7	3979.2	4552.7	5256.8	*5683.9*	5790.7
35°	3809.1	3820.9	3896.1	3987.1	4129.5	4236.3	4604.1	5244.9	5913.4	*6451.3*	6530.4
37.5°	4370.7	4390.5	4489.4	4619.9	4817.7	5062.9	5260.7	5873.8	6581.8	*7202.8*	7285.9
40°	4865.2	4928.5	5098.5	5264.7	5474.3	5751.2	5881.7	6423.6	7076.3	*7867.3*	8005.8
42.5°	5331.9	5367.5	5640.4	5897.5	6146.7	6372.2	6498.8	6854.8	7515.3	*8484.4*	8638.6
45°	5719.5	5747.2	6051.8	6392.0	6700.5	6925.9	6945.7	7274.0	7950.4	*9137.0*	9255.7
47.5°	5956.9	6000.4	6392.0	6779.6	7119.8	7329.4	7297.8	7808.0	8425.1	*9896.5*	9912.3
50°	6099.3	6127.0	6526.5	7028.8	7448.1	7594.4	7661.7	8318.3	8856.2	*10616.4*	10521.4
52.5°	6202.1	6245.6	6637.2	7171.2	7641.9	7839.7	8080.9	8891.8	9196.4	*11205.7*	10952.6
55°	*5881.7*	*5945.0*	*6621.4*	*7234.5*	*7808.0*	*8140.3*	*8614.9*	*9362.5*	*9235.9*	*11470.7*	*11007.9*
57.5°	5521.8	5533.6	6202.1	7214.7	7993.9	8456.7	9105.4	9398.1	8868.1	*10988.2*	10446.3
60°	4991.7	5062.9	5747.2	6957.6	8025.6	8709.8	9437.6	8966.9	8195.6	*10094.2*	9279.4
62.5°	3504.5	3615.3	4509.2	6281.2	7800.1	8848.3	9382.3	8215.4	7353.1	*8713.8*	7800.1
65°	1961.9	2056.8	2788.6	5066.9	7179.1	8816.6	8812.7	7210.7	6000.4	*6297.0*	5577.1
67.5°	1075.9	1151.0	1447.7	3813.0	5695.8	8140.3	7614.2	5502.0	4022.7	*3998.9*	3480.8
70°	751.5	755.5	913.7	2575.0	4093.9	5680.0	5952.9	3690.4	2495.9	*2207.1*	1863.0
72.5°	367.9	371.8	454.9	1214.3	2503.8	3148.5	4082.0	1918.4	1400.2	*1095.7*	933.5
75°	185.9	181.9	249.2	454.9	1036.3	1534.7	1799.7	961.2	814.8	*601.2*	534.0
77.5°	118.7	122.6	146.4	249.2	466.7	597.3	553.8	522.1	478.6	*352.0*	304.6
80°	79.1	79.1	98.9	158.2	229.4	284.8	170.1	241.3	280.8	*205.7*	178.0
82.5°	23.7	23.7	59.3	87.0	110.8	114.7	75.2	110.8	158.2	*114.7*	87.0
85°	15.8	15.8	31.6	43.5	47.5	39.6	23.7	47.5	75.2	*51.4*	43.5
87.5°	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	*4.0*	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

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CATALOG NUMBER: GSS-SB4A-730-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6	1902.6
2.5°	1906.5	1910.5	1922.3	1926.3	1934.2	1938.2	1938.2	1938.2	1934.2	1938.2	1946.1
5°	1938.2	1957.9	1973.8	1969.8	1969.8	1950.0	1934.2	1902.6	1886.7	1882.8	1886.7
7.5°	2017.3	2033.1	2048.9	2025.2	1965.8	1874.9	1776.0	1696.9	1629.6	1598.0	1609.9
10°	2159.7	2179.4	2179.4	2068.7	1902.6	1689.0	1511.0	1364.6	1253.9	1194.5	1222.2
12.5°	2365.3	2381.2	2341.6	2108.2	1791.8	1439.8	1143.1	897.9	755.5	684.3	668.5
15°	2602.7	2626.4	2491.9	2100.3	1617.8	1075.9	712.0	534.0	482.6	466.7	470.7
17.5°	2907.2	2919.1	2658.0	2037.0	1317.2	704.1	506.3	454.9	443.0	435.1	435.1
20°	3283.0	3247.4	2792.5	1930.2	961.2	553.8	466.7	427.2	415.3	411.4	415.3
22.5°	3686.5	3631.1	2903.3	1728.5	727.8	522.1	447.0	403.5	387.6	383.7	383.7
25°	4109.7	3983.1	2990.3	1431.9	680.3	514.2	423.2	367.9	352.0	344.1	344.1
27.5°	4592.2	4374.7	3037.8	1198.5	692.2	502.3	395.5	336.2	312.5	304.6	304.6
30°	5126.2	4809.8	3041.7	1151.0	715.9	486.5	367.9	300.6	276.9	265.0	269.0
32.5°	5774.9	5252.8	3029.9	1226.2	731.8	474.7	336.2	265.0	245.2	233.4	233.4
35°	6447.3	5790.7	2982.4	1368.6	739.7	439.1	296.7	233.4	209.6	205.7	209.6
37.5°	7115.8	6301.0	2915.1	1447.7	700.1	359.9	241.3	201.7	185.9	185.9	185.9
40°	7724.9	6744.0	2824.2	1380.4	557.7	261.1	197.8	174.0	166.1	162.2	166.1
42.5°	8179.8	7139.5	2658.0	1162.9	395.5	209.6	174.0	154.3	146.4	146.4	150.3
45°	8678.2	7519.3	2337.7	854.4	300.6	181.9	150.3	134.5	130.5	130.5	134.5
47.5°	9180.5	7823.8	2029.1	569.6	261.1	162.2	134.5	122.6	118.7	114.7	118.7
50°	9564.2	7970.2	1625.7	415.3	237.3	146.4	122.6	114.7	106.8	102.8	102.8
52.5°	9837.1	7930.6	1190.6	356.0	217.5	134.5	114.7	106.8	94.9	94.9	94.9
55°	*9671.0*	*7424.3*	*858.3*	*320.4*	*201.7*	*126.6*	*110.8*	*98.9*	*91.0*	*87.0*	*87.0*
57.5°	8864.1	6328.7	621.0	288.7	178.0	118.7	106.8	94.9	83.1	79.1	79.1
60°	7705.2	4928.5	462.8	253.1	154.3	114.7	94.9	91.0	79.1	71.2	71.2
62.5°	6297.0	3587.6	359.9	217.5	138.4	98.9	91.0	83.1	71.2	63.3	59.3
65°	4370.7	2290.2	276.9	178.0	130.5	87.0	83.1	71.2	59.3	47.5	47.5
67.5°	2697.6	1360.7	213.6	138.4	102.8	75.2	71.2	63.3	51.4	39.6	39.6
70°	1491.2	719.9	146.4	102.8	79.1	59.3	55.4	55.4	43.5	35.6	31.6
72.5°	715.9	391.6	98.9	87.0	59.3	39.6	43.5	43.5	35.6	27.7	27.7
75°	431.1	233.4	67.2	67.2	39.6	31.6	31.6	35.6	27.7	19.8	19.8
77.5°	245.2	138.4	39.6	51.4	27.7	19.8	23.7	19.8	15.8	11.9	11.9
80°	138.4	79.1	23.7	35.6	15.8	11.9	11.9	7.9	7.9	4.0	4.0
82.5°	67.2	43.5	11.9	11.9	7.9	4.0	4.0	4.0	4.0	0.0	0.0
85°	31.6	7.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

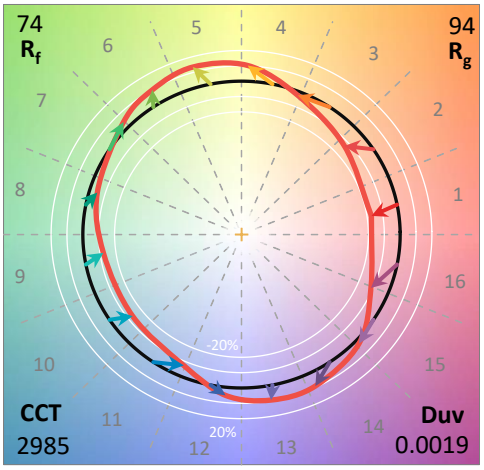
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

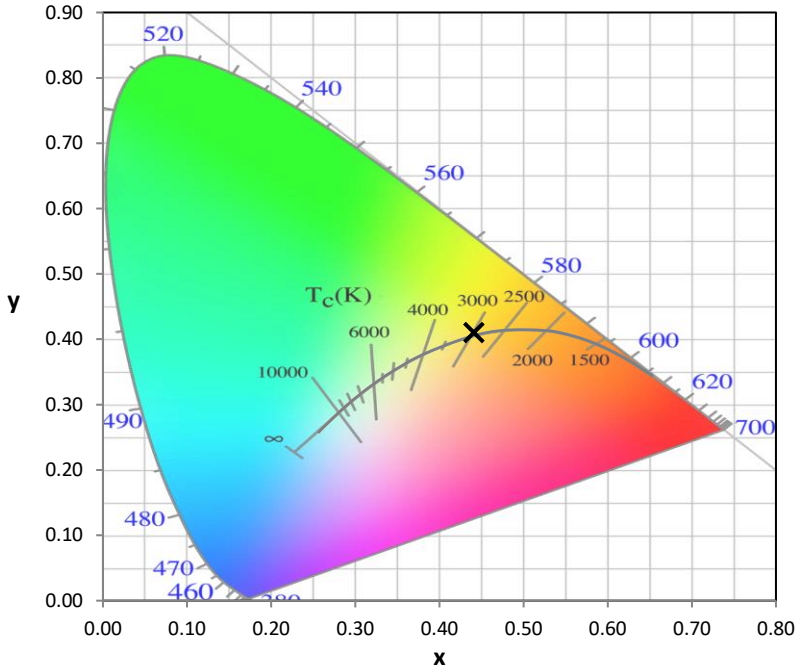
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

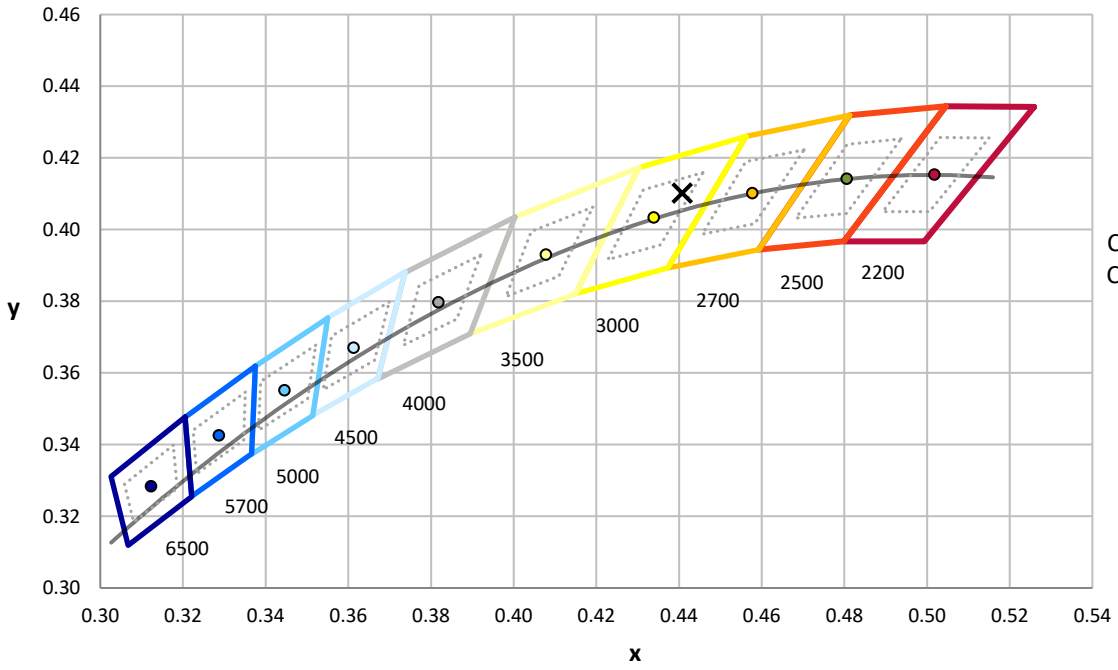
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

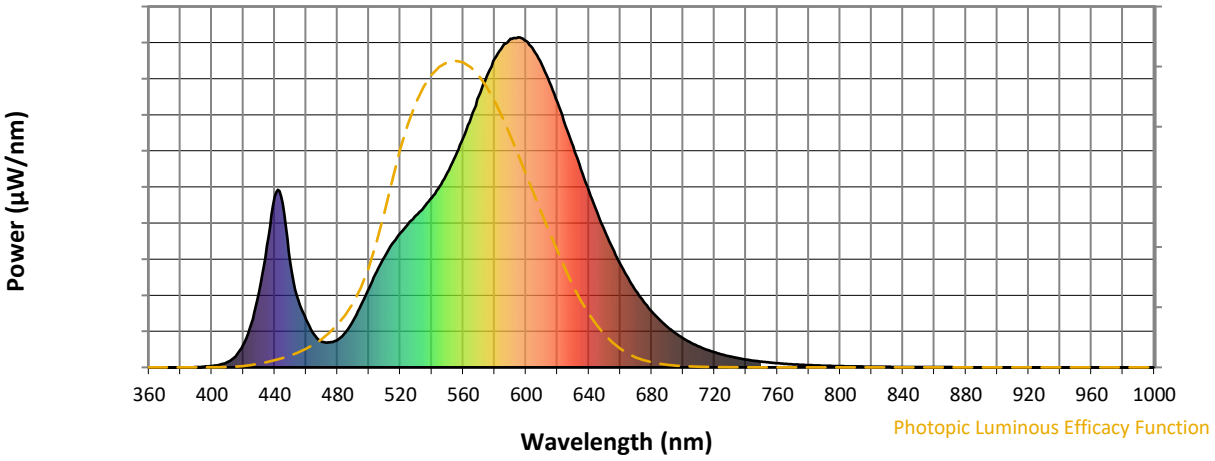


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

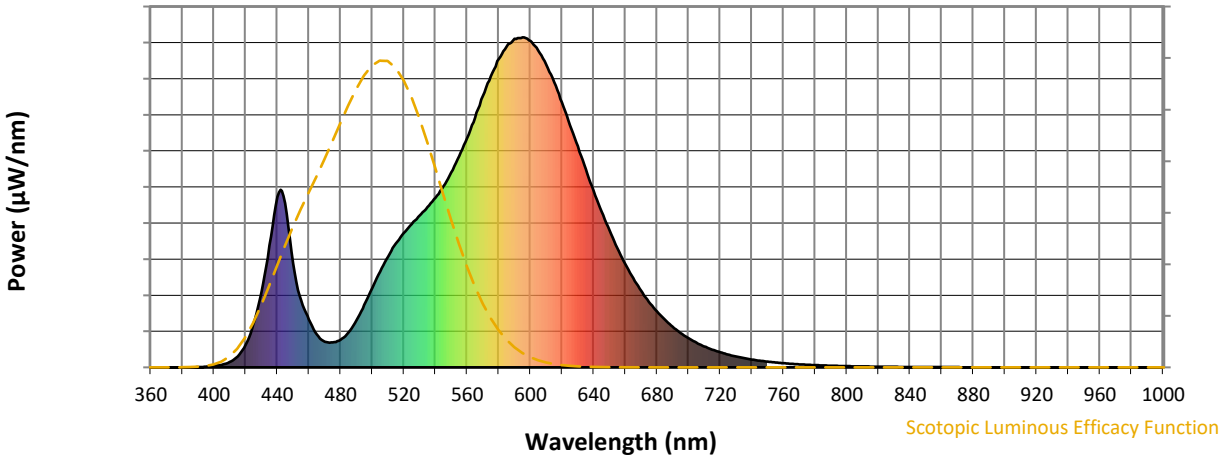


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

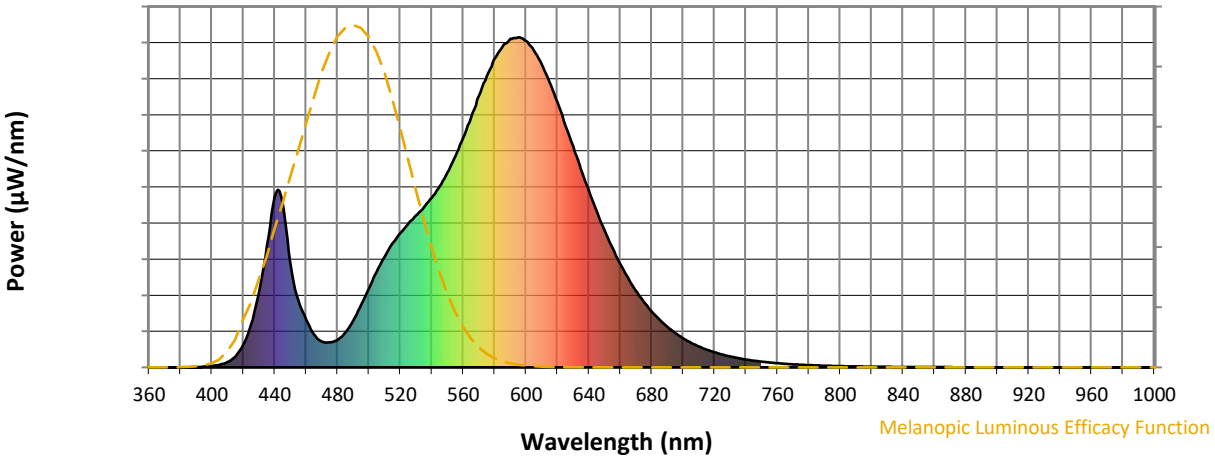


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

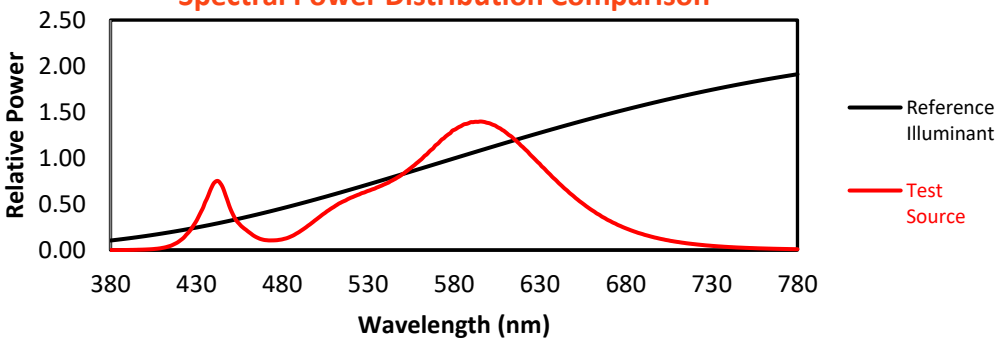
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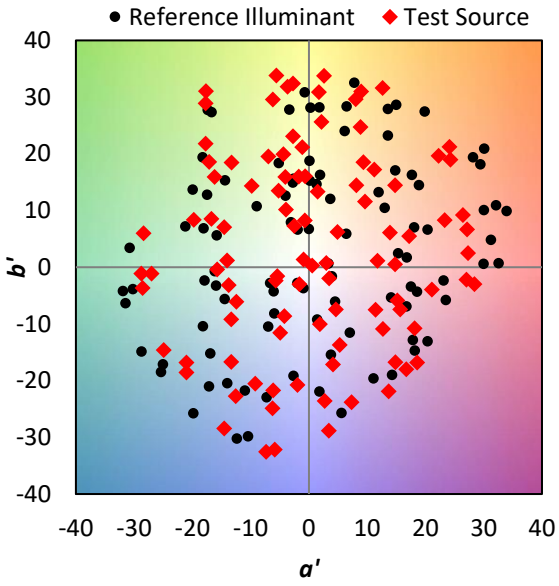
Summary

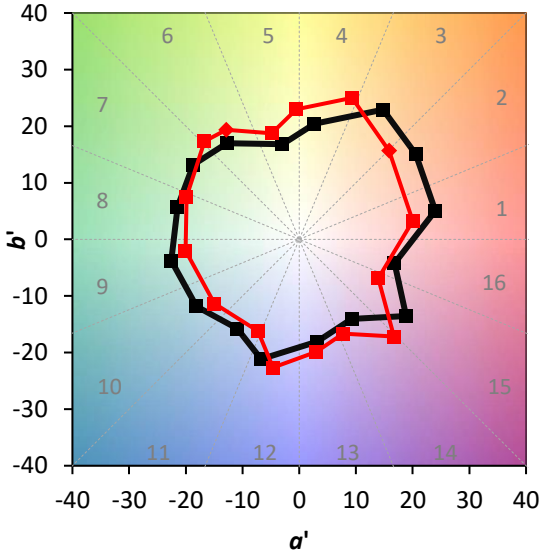
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R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

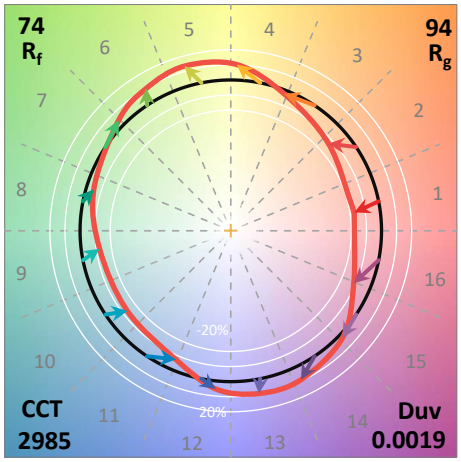
Spectral Power Distribution Comparison

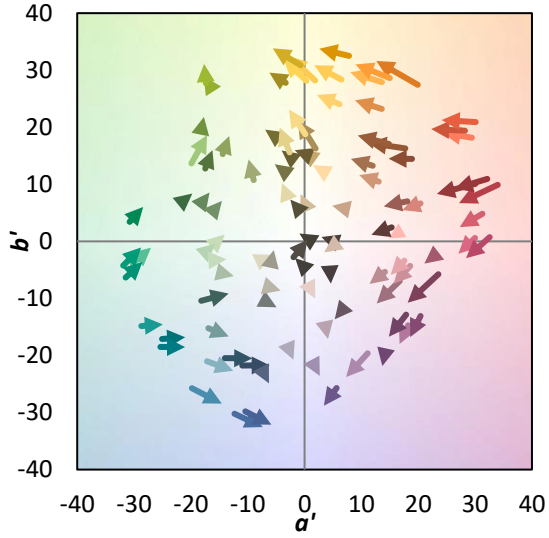


Color Vector Graphics







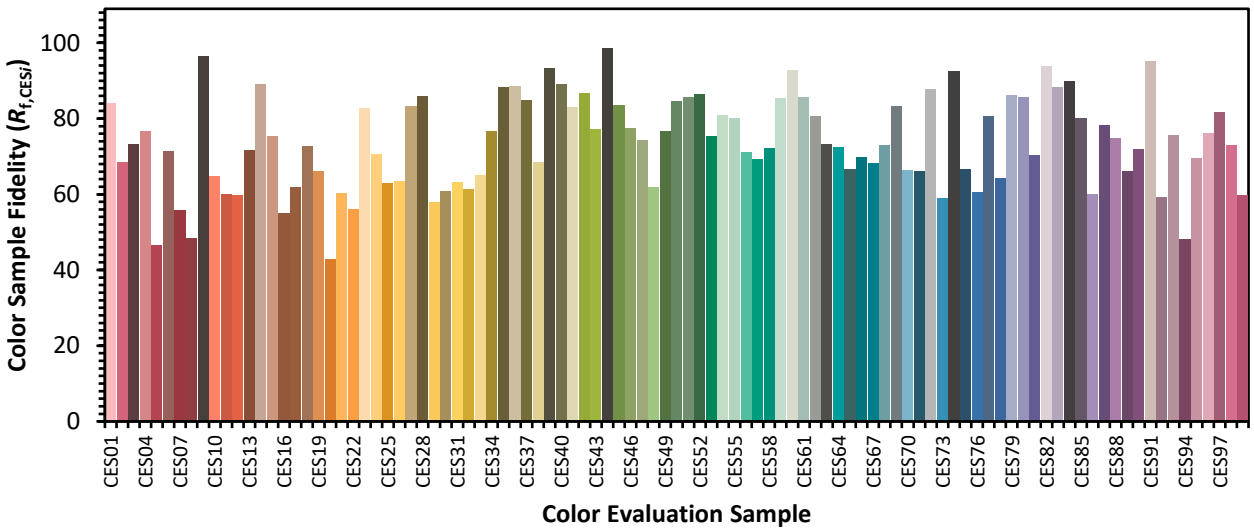


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Individual Sample Fidelity Index ($R_{f,i}$)

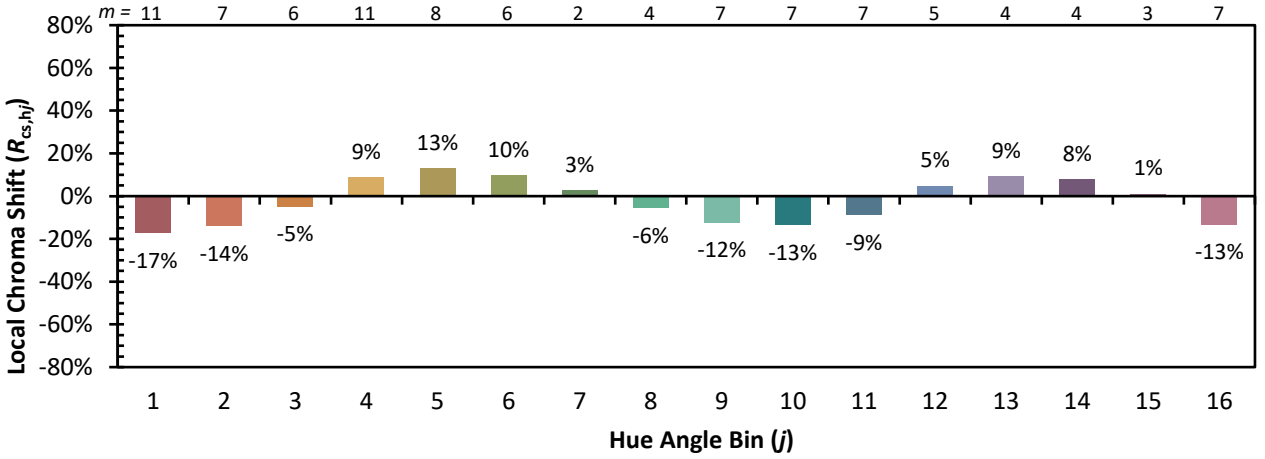
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	

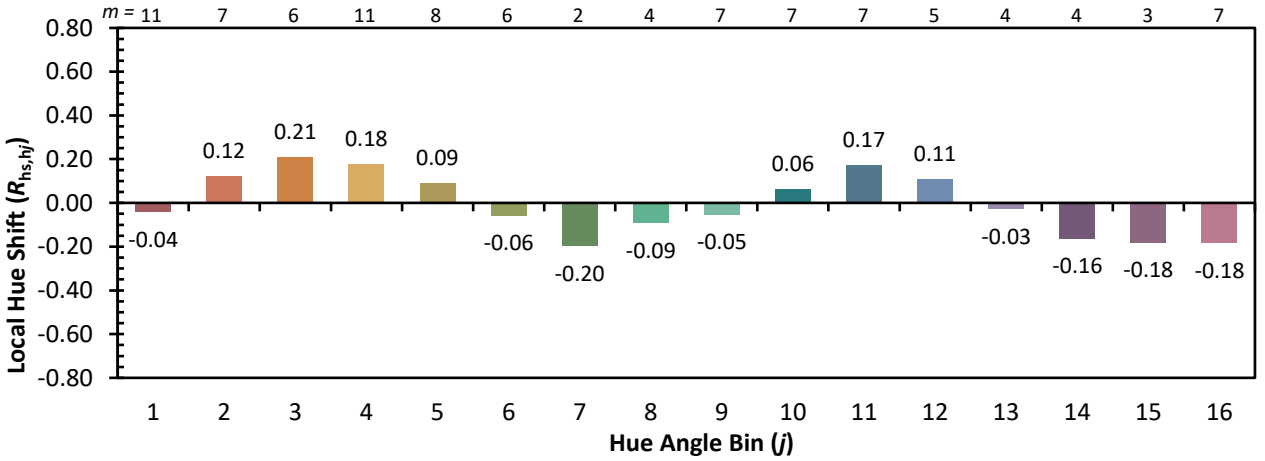


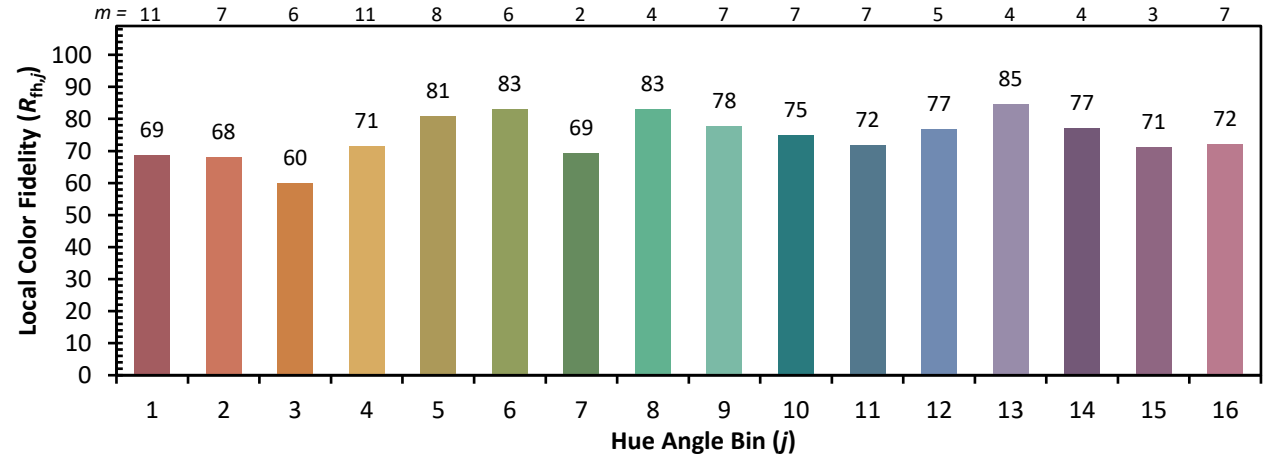
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Color Rendition by Hue-Angle Bin



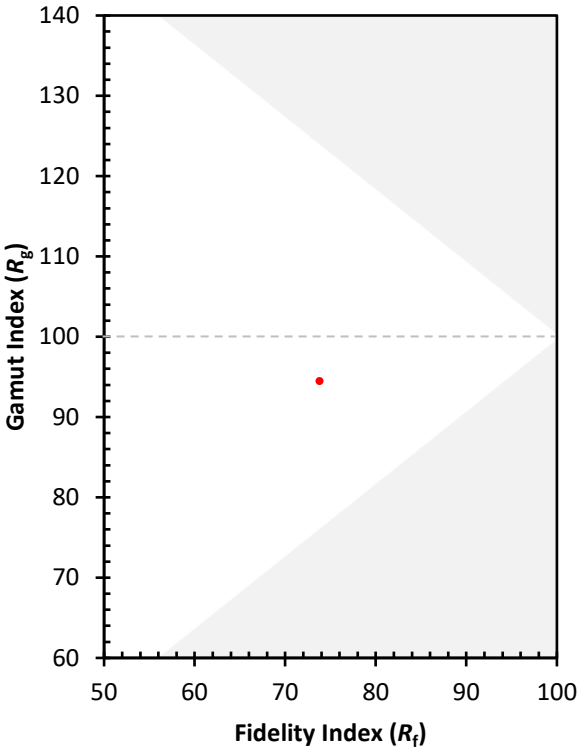


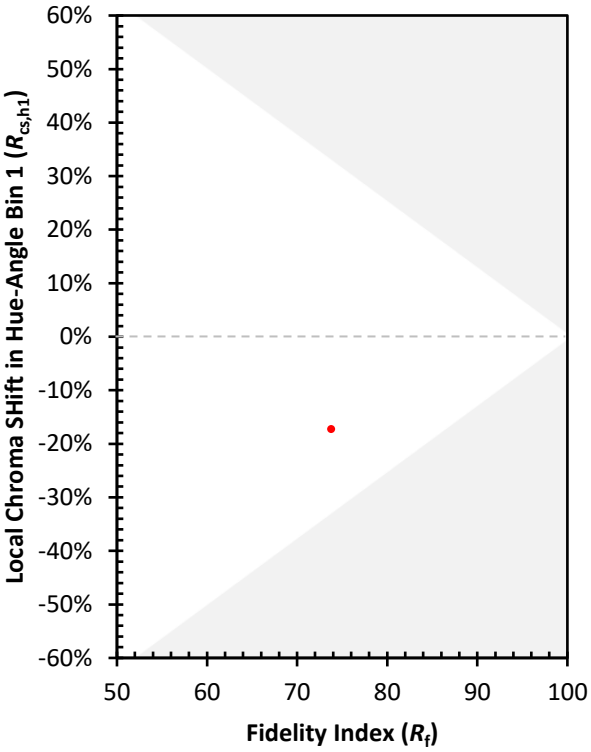


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Measure Comparisons





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