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: P1502551

Luminaire Tested: GSS-SB1C-730-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:	P1502551
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-730-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 70CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5454.1 lumens
Efficiency:	N/A
Efficacy:	104.9 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

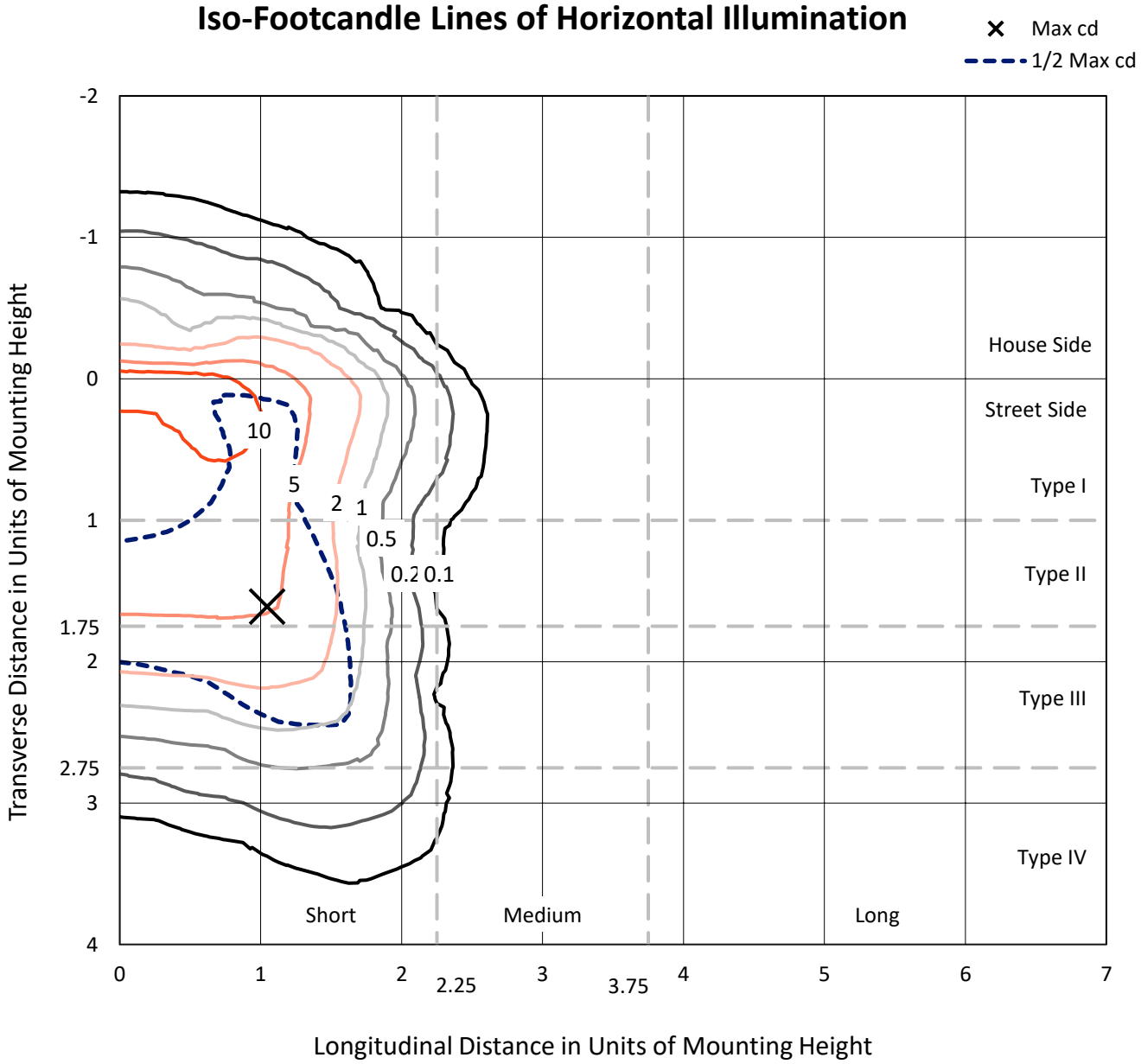
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502551
CATALOG NUMBER: GSS-SB1C-730-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



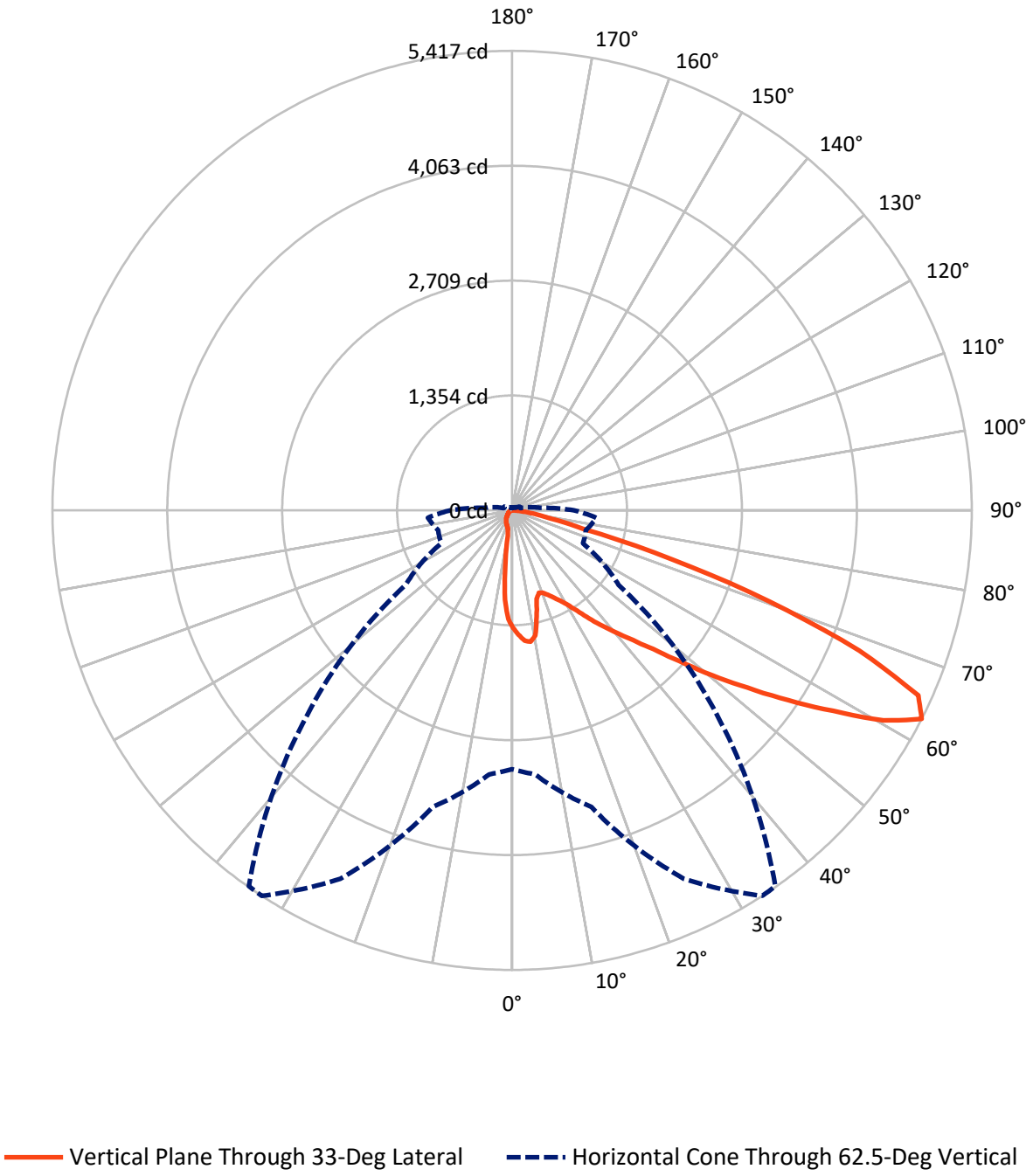
Based on 10 foot mounting height. Maximum calculated value = 16.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502551
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Luminous Intensity Polar Plot



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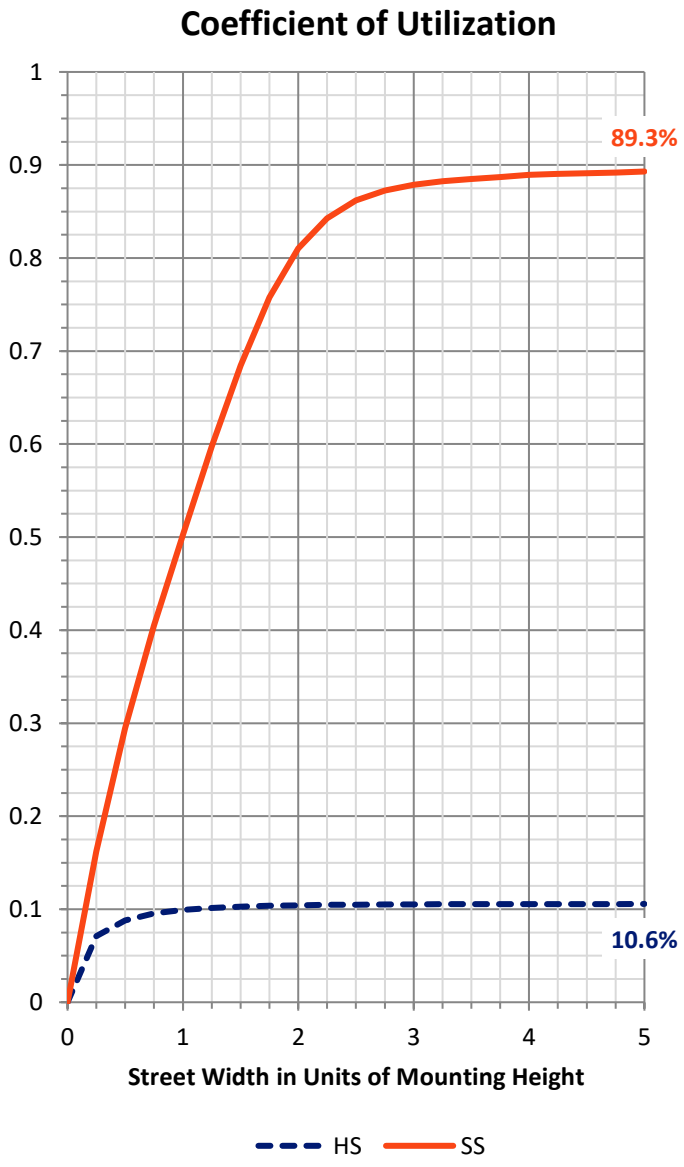
REPORT NUMBER: P1502551
CATALOG NUMBER: GSS-SB1C-730-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	580.3	0.0	580.3
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	4873.7	0.0	4873.7
	% Fixture	89.4	0.0	89.4
Total	Lumens	5454.1	0.0	5454.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.8	2.2
10°-20°	262.8	4.8
20°-30°	423.6	7.8
30°-40°	704.7	12.9
40°-50°	1113.8	20.4
50°-60°	1496.4	27.4
60°-70°	1098.5	20.1
70°-80°	217.4	4.0
80°-90°	18.9	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°	5454.1	100.0
0°-180°	5454.1	100.0



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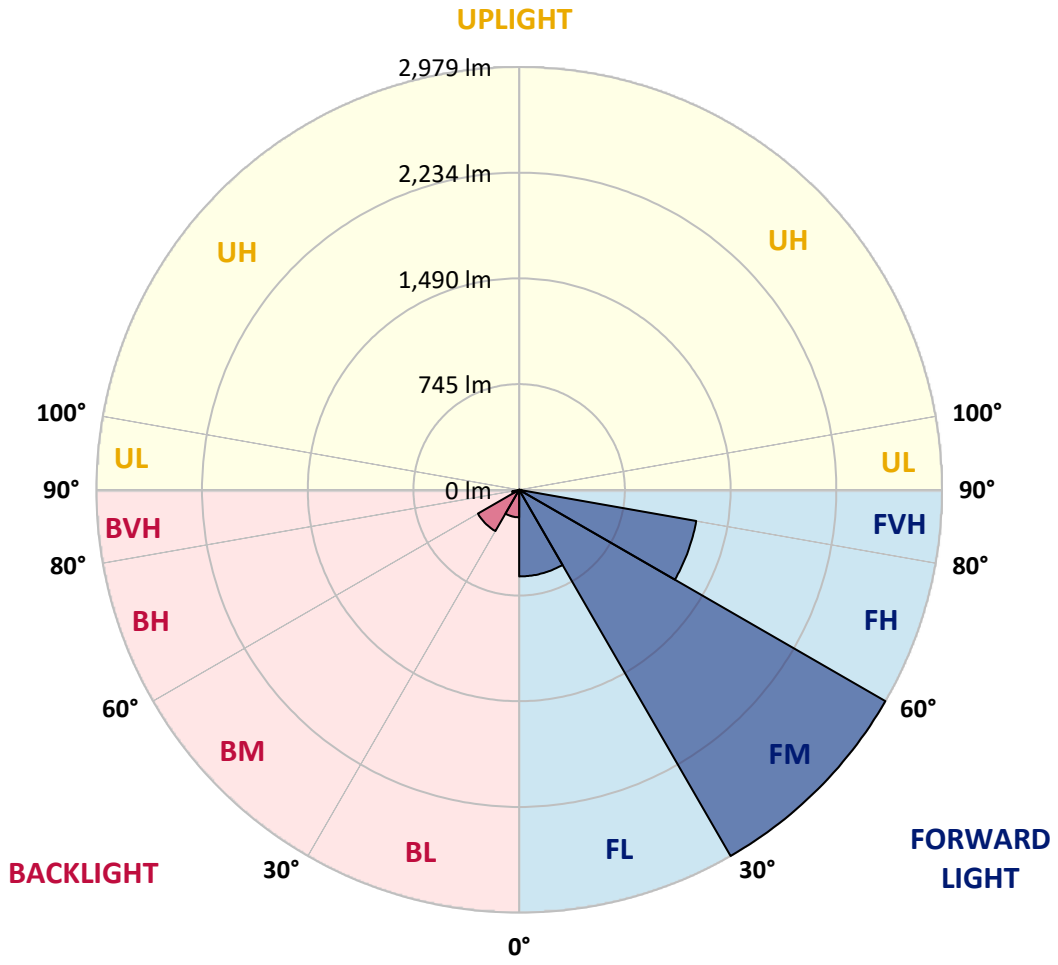
Scaled Data Report

REPORT NUMBER: P1502551
CATALOG NUMBER: GSS-SB1C-730-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	610.6	11.2			
FM	(30°-60°)	2979.3	54.6			
FH	(60°-80°)	1266.4	23.2			G1/1800
FVH	(80°-90°)	17.5	0.3			G1/100
BL	(0°-30°)	193.6	3.6	B1/500		
BM	(30°-60°)	335.7	6.2	B1/1000		
BH	(60°-80°)	49.6	0.9	B0/110		G0/110
BVH	(80°-90°)	1.4	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: P1502551
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4
2.5°	1476.0	1482.2	1482.2	1469.9	1466.8	1460.7	1454.5	1453.0	1433.0	1417.7	1402.3
5°	1551.3	1549.7	1548.2	1542.1	1543.6	1535.9	1531.3	1523.6	1489.8	1466.8	1425.3
7.5°	1519.0	1532.8	1539.0	1555.9	1563.6	1562.0	1574.3	1577.4	1548.2	1516.0	1453.0
10°	1308.6	1300.9	1356.2	1428.4	1500.6	1517.5	1583.5	1618.9	1608.1	1578.9	1497.5
12.5°	1036.7	1044.4	1082.8	1167.3	1285.6	1322.4	1512.9	1652.7	1683.4	1664.9	1559.0
15°	949.2	949.2	969.2	1009.1	1079.8	1115.1	1350.1	1648.0	1763.2	1764.8	1635.8
17.5°	930.8	933.8	950.7	976.8	1022.9	1038.3	1202.6	1580.5	1841.6	1869.2	1721.8
20°	933.8	938.4	956.9	993.7	1038.3	1056.7	1164.2	1494.5	1907.6	1982.9	1812.4
22.5°	944.6	943.1	975.3	1024.5	1081.3	1098.2	1196.5	1459.1	1962.9	2113.4	1918.4
25°	956.9	958.4	999.9	1069.0	1138.1	1158.1	1268.7	1491.4	2002.8	2253.2	2025.9
27.5°	993.7	998.3	1049.0	1124.3	1205.7	1231.8	1362.4	1575.9	2072.0	2388.4	2142.6
30°	1050.6	1055.2	1113.5	1204.2	1291.7	1331.6	1479.1	1681.8	2174.9	2545.0	2262.4
32.5°	1116.6	1122.8	1198.0	1302.5	1408.4	1446.8	1612.7	1843.1	2311.6	2704.8	2386.8
35°	1199.6	1216.4	1297.9	1422.3	1565.1	1602.0	1777.1	2025.9	2489.7	2847.6	2492.8
37.5°	1313.2	1327.0	1426.9	1582.0	1726.4	1775.5	1961.4	2217.9	2651.0	2975.1	2578.8
40°	1451.4	1463.7	1575.9	1744.8	1895.3	1936.8	2154.9	2411.4	2824.6	3045.7	2597.2
42.5°	1681.8	1715.6	1786.3	1929.1	2090.4	2142.6	2369.9	2598.8	2950.5	3059.6	2568.1
45°	2084.2	2095.0	2110.4	2177.9	2333.1	2379.1	2597.2	2761.6	3025.8	3062.6	2541.9
47.5°	2469.8	2506.6	2528.1	2558.8	2652.5	2669.4	2835.3	2907.5	3085.7	3051.9	2541.9
50°	2855.3	2882.9	2919.8	2956.6	3056.5	3062.6	3087.2	3005.8	3088.7	2964.3	2526.6
52.5°	3205.5	3214.7	3277.7	3348.3	3472.7	3506.5	3320.7	3078.0	2902.9	2687.9	2454.4
55°	3518.8	3531.1	3626.3	3770.7	3948.9	3993.4	3606.3	2938.2	2505.1	2330.0	2287.0
57.5°	3721.5	3750.7	3941.2	4259.1	4460.3	4440.3	3827.5	2611.1	2012.1	1906.1	1990.6
60°	3620.2	3660.1	4061.0	4669.2	5027.1	4968.7	3766.1	2148.8	1486.8	1410.0	1575.9
62.5°	3050.3	3124.1	3620.2	4790.5	5417.2	5408.0	3419.0	1532.8	921.6	901.6	995.3
65°	2121.1	2248.6	2836.8	4385.1	5260.5	5274.4	2878.3	892.4	427.0	529.9	582.1
67.5°	1250.2	1340.9	1827.7	3580.2	4414.2	4286.8	1956.8	413.2	213.5	322.5	308.7
70°	549.9	611.3	1047.5	2480.5	3216.2	3010.4	955.3	201.2	162.8	195.1	170.5
72.5°	302.6	330.2	551.4	1310.1	1956.8	1860.0	322.5	133.6	139.8	145.9	122.9
75°	169.0	181.2	290.3	757.2	860.1	800.2	156.7	87.5	118.3	118.3	90.6
77.5°	98.3	109.1	181.2	471.5	471.5	380.9	95.2	55.3	89.1	79.9	49.1
80°	46.1	52.2	99.8	261.1	298.0	245.7	53.8	38.4	58.4	50.7	32.3
82.5°	13.8	16.9	49.1	101.4	169.0	144.4	27.6	24.6	43.0	32.3	18.4
85°	9.2	10.8	24.6	41.5	82.9	72.2	9.2	7.7	18.4	15.4	7.7
87.5°	1.5	1.5	3.1	3.1	3.1	3.1	1.5	1.5	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: P1502551
CATALOG NUMBER: GSS-SB1C-730-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4	1385.4
2.5°	1393.1	1382.3	1357.8	1334.7	1322.4	1294.8	1284.0	1271.7	1265.6	1264.1	1254.8
5°	1399.2	1379.3	1317.8	1256.4	1191.9	1130.4	1067.5	1012.2	967.6	969.2	970.7
7.5°	1417.7	1377.7	1270.2	1147.3	1009.1	849.4	678.9	551.4	470.0	453.1	437.7
10°	1442.2	1383.9	1211.8	984.5	712.7	448.5	316.4	270.3	250.4	245.7	247.3
12.5°	1488.3	1399.2	1138.1	760.3	394.7	258.0	228.9	221.2	218.1	218.1	218.1
15°	1545.1	1420.7	1022.9	497.6	258.0	215.0	208.9	207.3	204.3	204.3	205.8
17.5°	1592.8	1420.7	870.9	324.1	212.0	199.7	195.1	193.5	193.5	195.1	193.5
20°	1645.0	1410.0	700.4	244.2	196.6	185.8	182.8	182.8	182.8	184.3	184.3
22.5°	1698.7	1391.5	542.2	208.9	182.8	173.6	172.0	173.6	175.1	176.6	176.6
25°	1758.6	1368.5	428.5	193.5	170.5	162.8	162.8	162.8	164.3	167.4	169.0
27.5°	1824.7	1348.5	367.1	184.3	159.7	152.1	152.1	153.6	156.7	158.2	159.7
30°	1886.1	1348.5	347.1	188.9	155.1	145.9	142.8	144.4	147.4	150.5	150.5
32.5°	1962.9	1363.9	357.9	208.9	153.6	136.7	133.6	133.6	136.7	138.2	138.2
35°	2027.4	1393.1	394.7	236.5	159.7	129.0	122.9	121.3	124.4	122.9	124.4
37.5°	2079.6	1433.0	462.3	273.4	172.0	119.8	112.1	107.5	107.5	107.5	107.5
40°	2095.0	1472.9	548.3	298.0	170.5	109.1	98.3	93.7	92.2	90.6	90.6
42.5°	2073.5	1491.4	617.4	296.4	152.1	101.4	87.5	81.4	76.8	75.3	75.3
45°	2056.6	1500.6	642.0	258.0	138.2	92.2	78.3	70.7	66.0	64.5	63.0
47.5°	2058.1	1509.8	605.2	210.4	125.9	84.5	70.7	63.0	58.4	56.8	55.3
50°	2064.3	1494.5	513.0	175.1	115.2	76.8	63.0	56.8	52.2	50.7	49.1
52.5°	1999.8	1413.0	360.9	153.6	106.0	72.2	56.8	52.2	47.6	46.1	46.1
55°	1830.8	1218.0	244.2	136.7	98.3	66.0	52.2	49.1	44.5	41.5	41.5
57.5°	1560.5	918.5	169.0	124.4	86.0	59.9	49.1	44.5	39.9	36.9	36.9
60°	1193.4	599.0	122.9	113.7	70.7	55.3	46.1	43.0	36.9	33.8	32.3
62.5°	*726.5*	*336.4*	*99.8*	*99.8*	*59.9*	*52.2*	*41.5*	*38.4*	*32.3*	*27.6*	*26.1*
65°	420.8	198.1	81.4	84.5	52.2	47.6	36.9	32.3	26.1	21.5	20.0
67.5°	202.7	115.2	64.5	59.9	46.1	39.9	32.3	27.6	23.0	18.4	16.9
70°	124.4	89.1	49.1	43.0	36.9	30.7	26.1	24.6	20.0	15.4	15.4
72.5°	101.4	72.2	38.4	30.7	27.6	21.5	21.5	20.0	15.4	12.3	10.8
75°	79.9	53.8	29.2	21.5	16.9	16.9	15.4	13.8	12.3	9.2	9.2
77.5°	43.0	36.9	21.5	12.3	9.2	10.8	10.8	9.2	7.7	6.1	6.1
80°	27.6	21.5	12.3	6.1	6.1	6.1	6.1	4.6	4.6	3.1	3.1
82.5°	13.8	10.8	6.1	1.5	3.1	3.1	3.1	3.1	3.1	1.5	1.5
85°	3.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5
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: SP1-2407-184-4

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

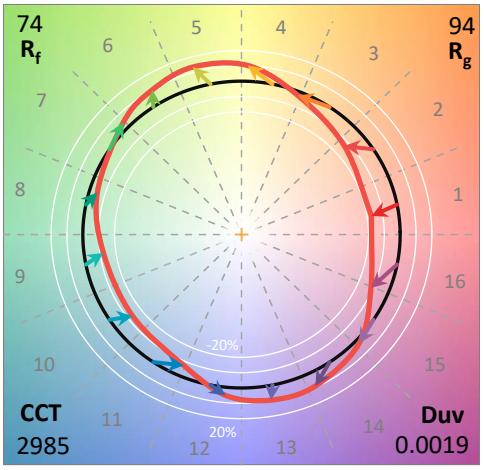
Test Information

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

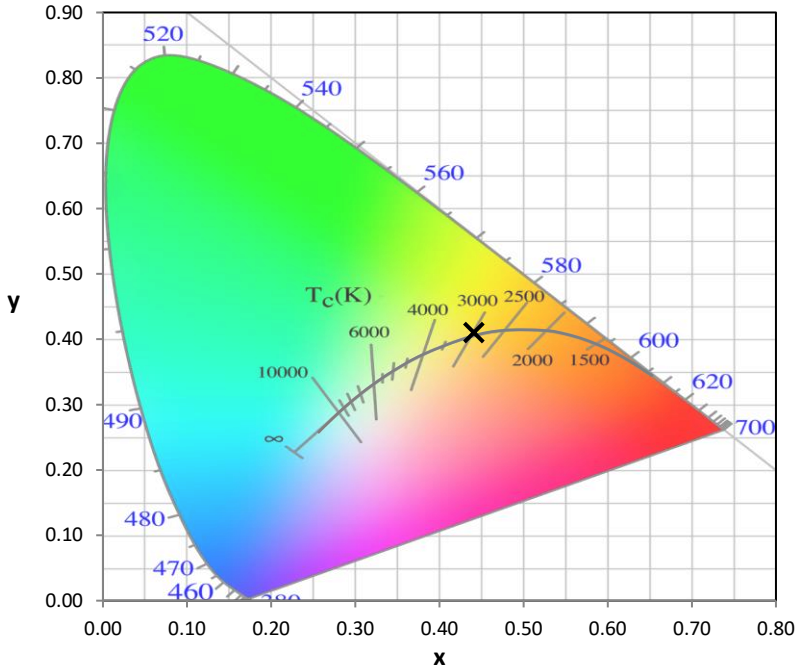
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

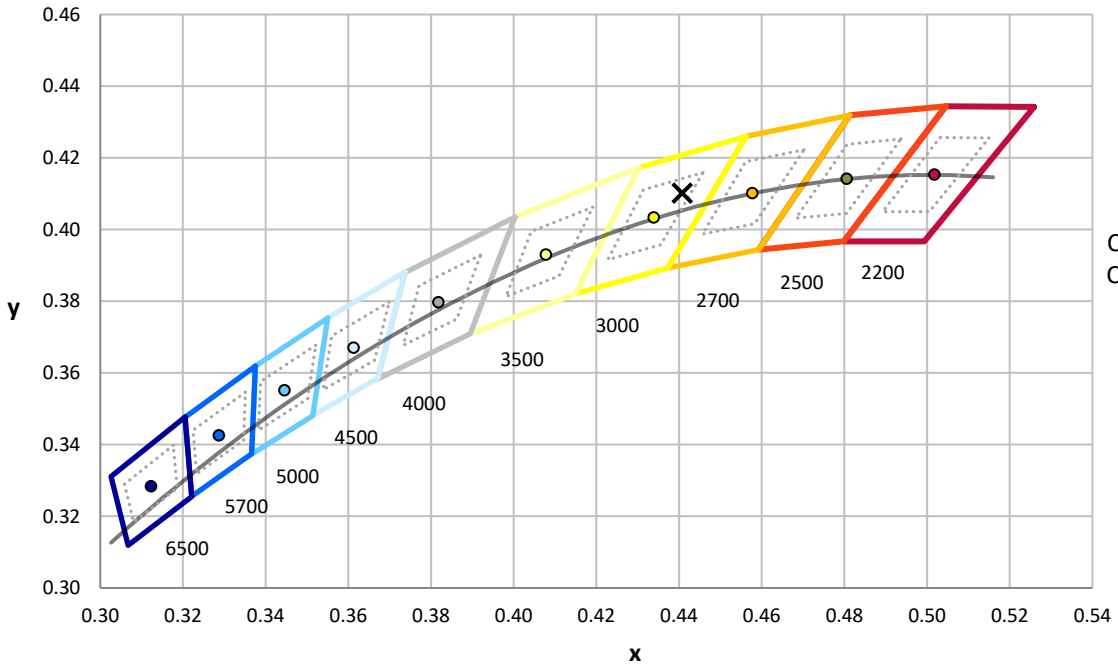
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

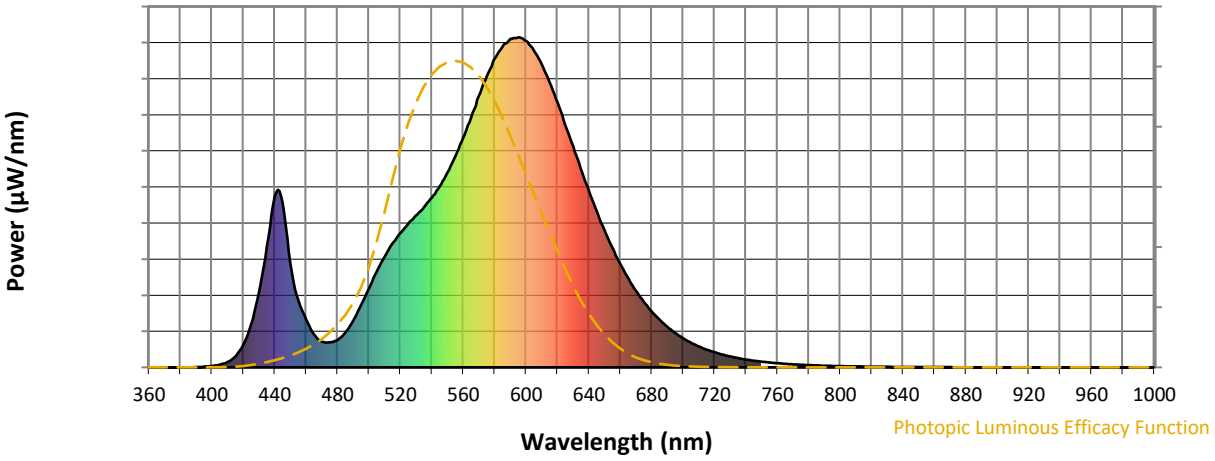


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

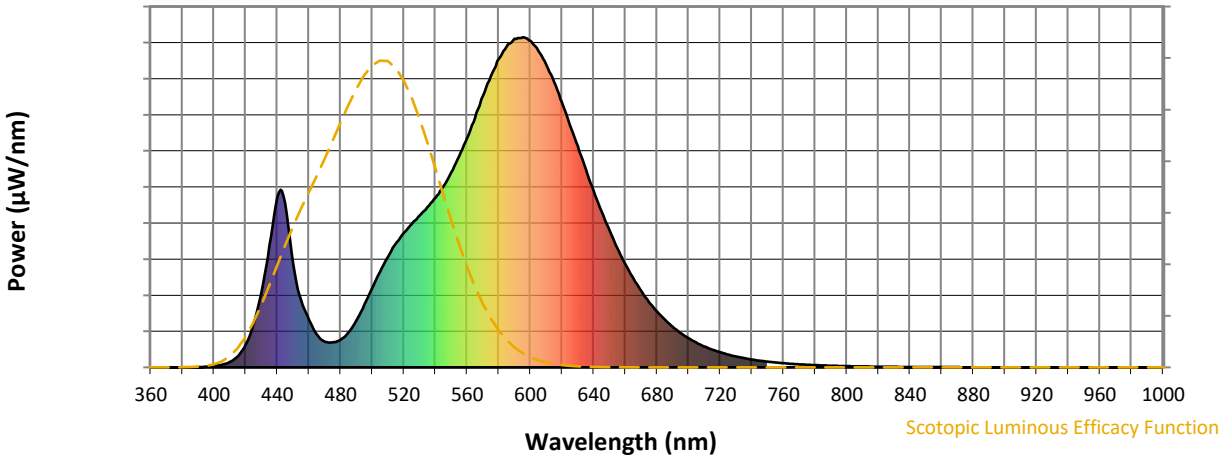


Photopic Lumens: NR

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

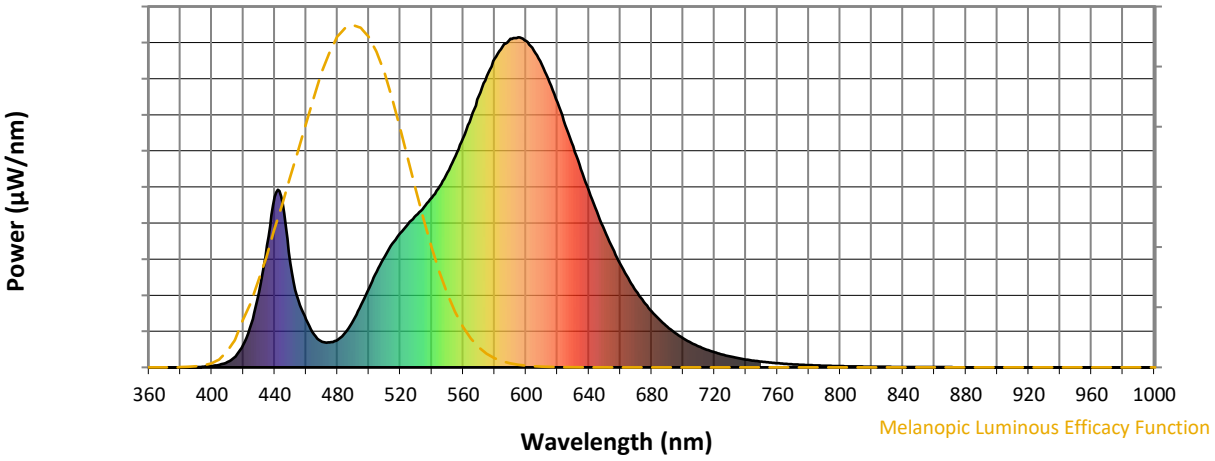


Scotopic Lumens: NR **S/P: 1.19**

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			

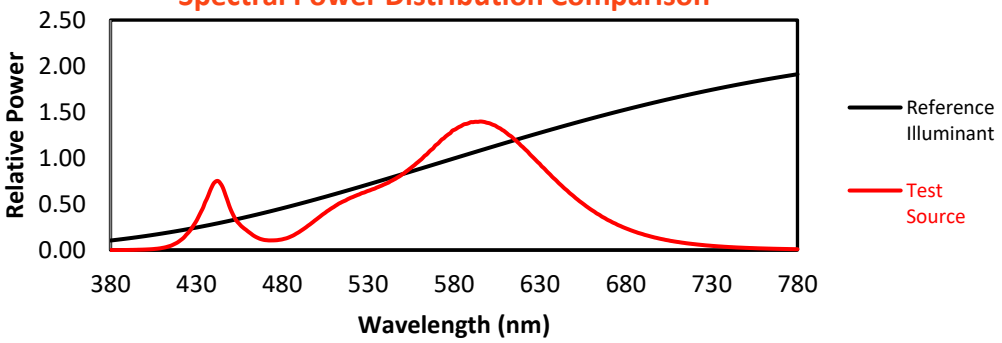
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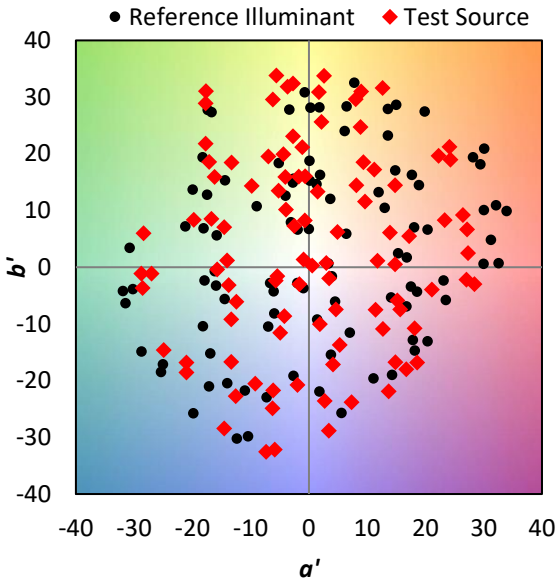
Summary

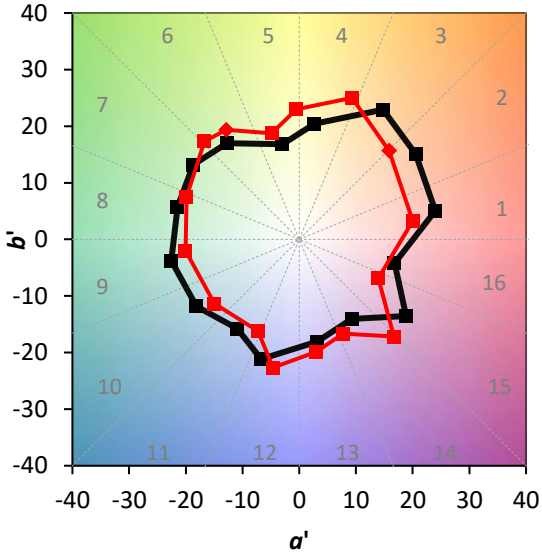
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

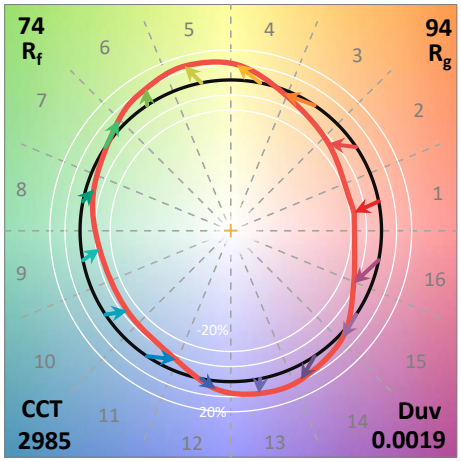
Spectral Power Distribution Comparison

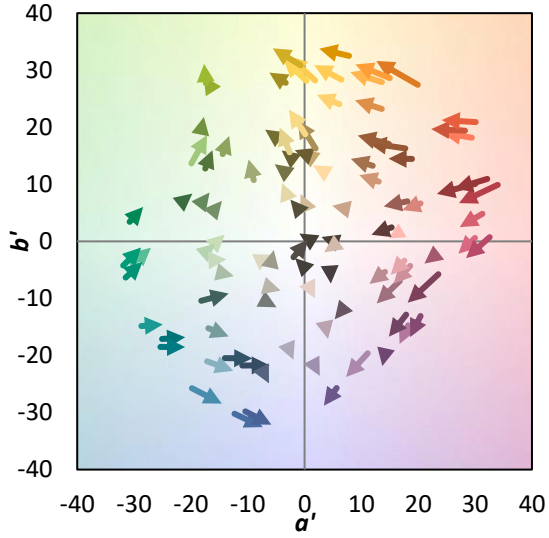


Color Vector Graphics







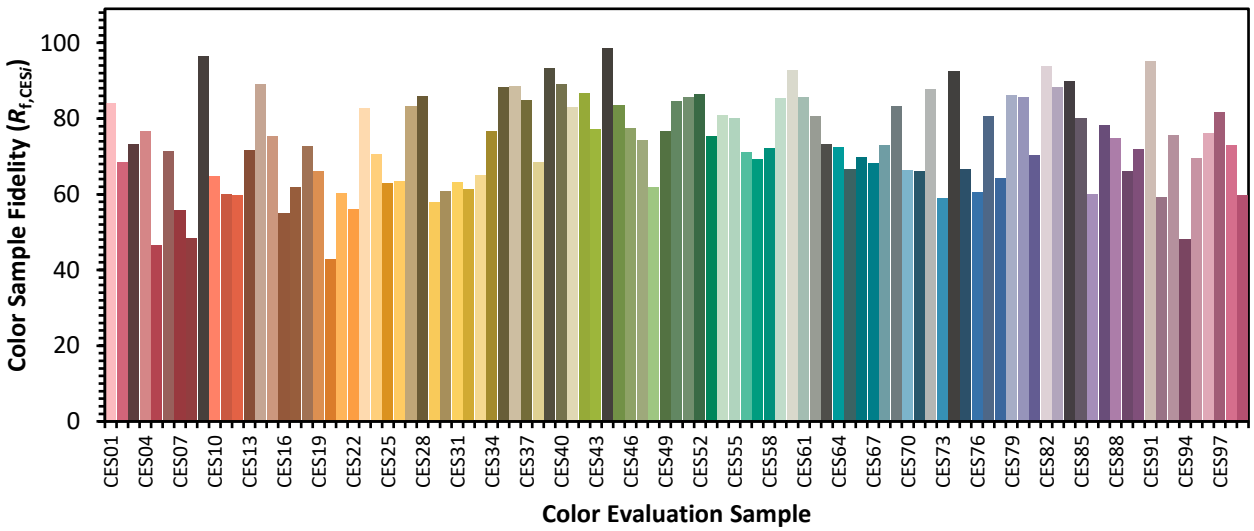


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Individual Sample Fidelity Index ($R_{f,i}$)

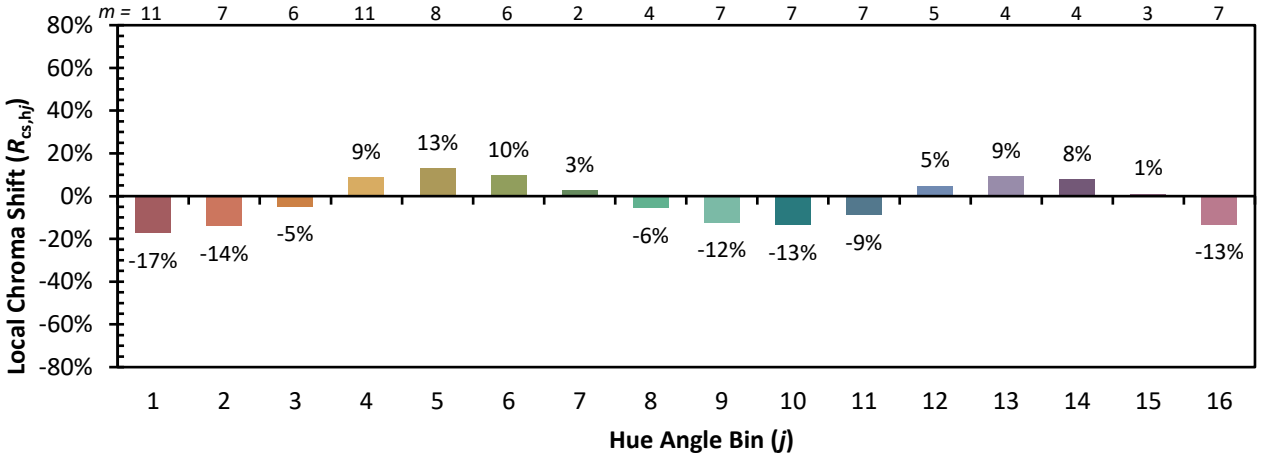
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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	

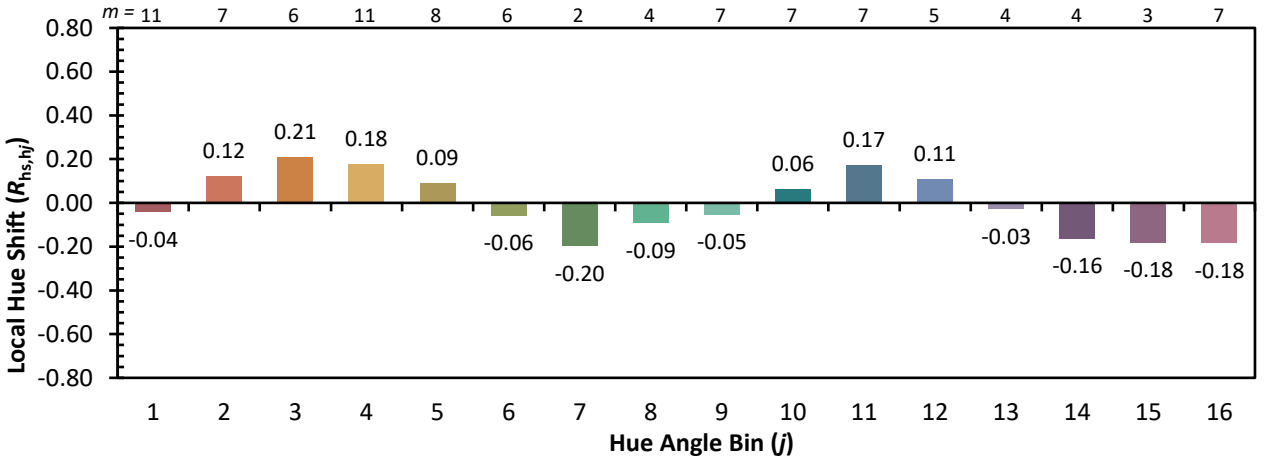


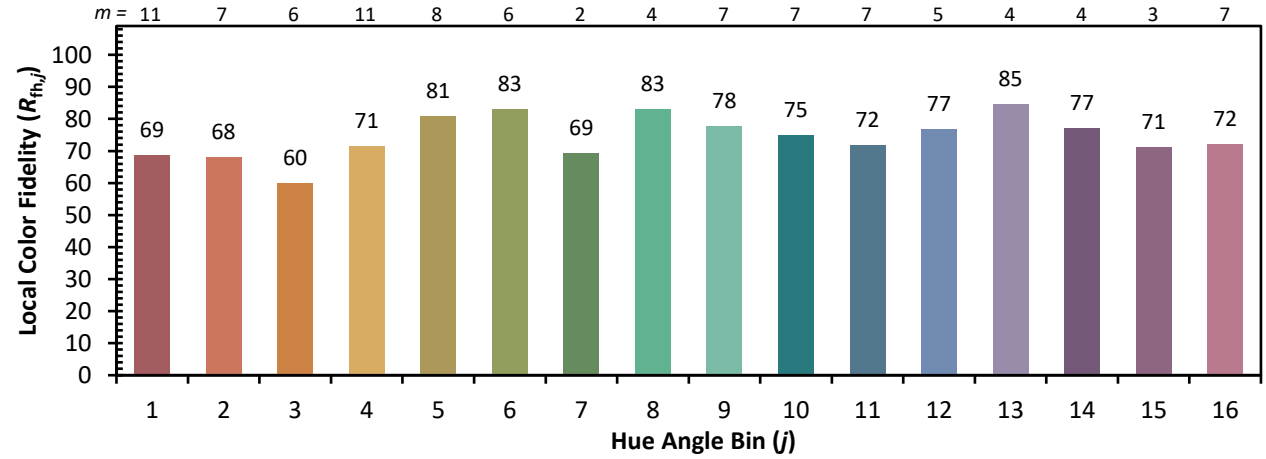
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Color Rendition by Hue-Angle Bin



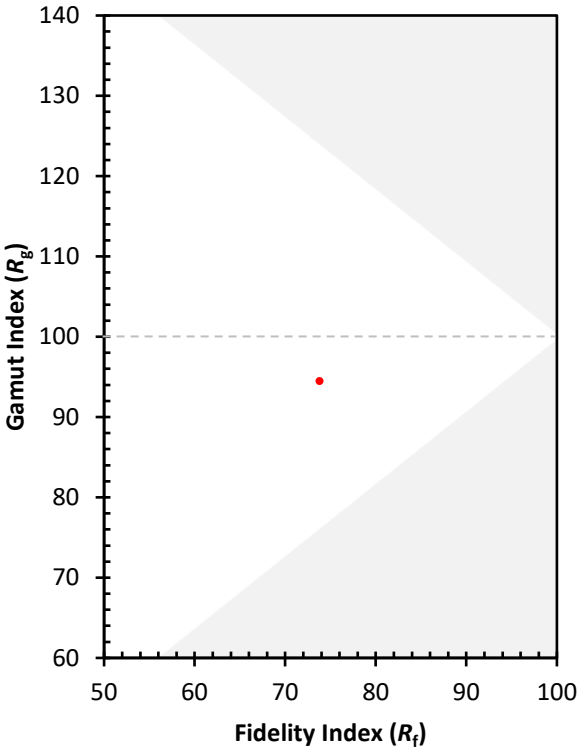


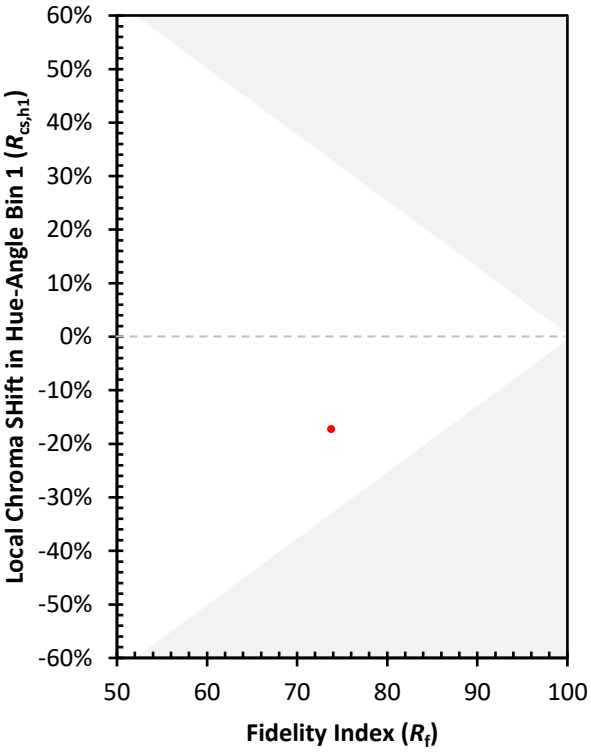


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Measure Comparisons





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