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: P1501021

Luminaire Tested: GSS-SB3A-730-U-T3LG

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:	P1501021
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-730-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 70CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12790.5 lumens
Efficiency:	N/A
Efficacy:	150.5 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

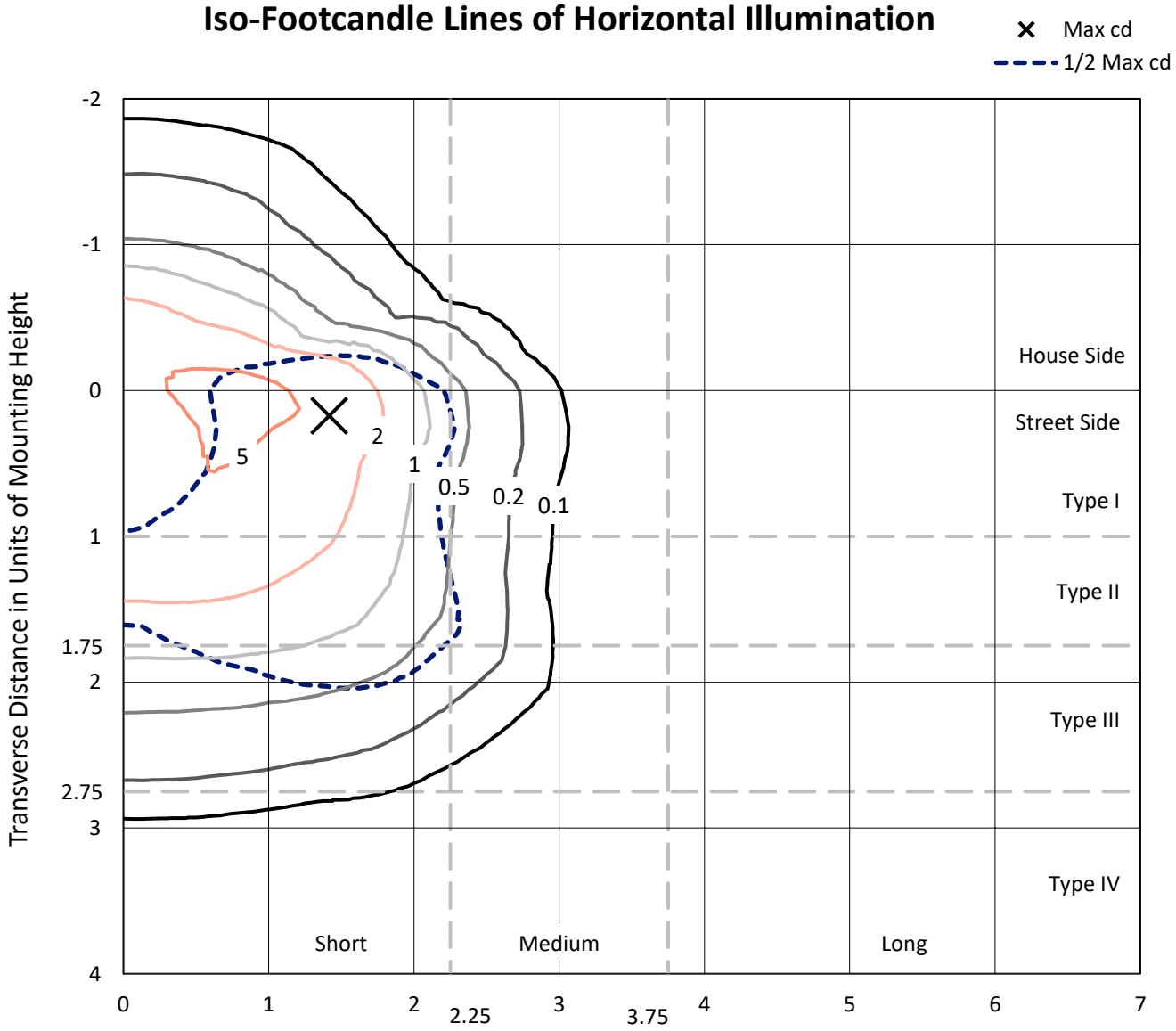
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501021
CATALOG NUMBER: GSS-SB3A-730-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



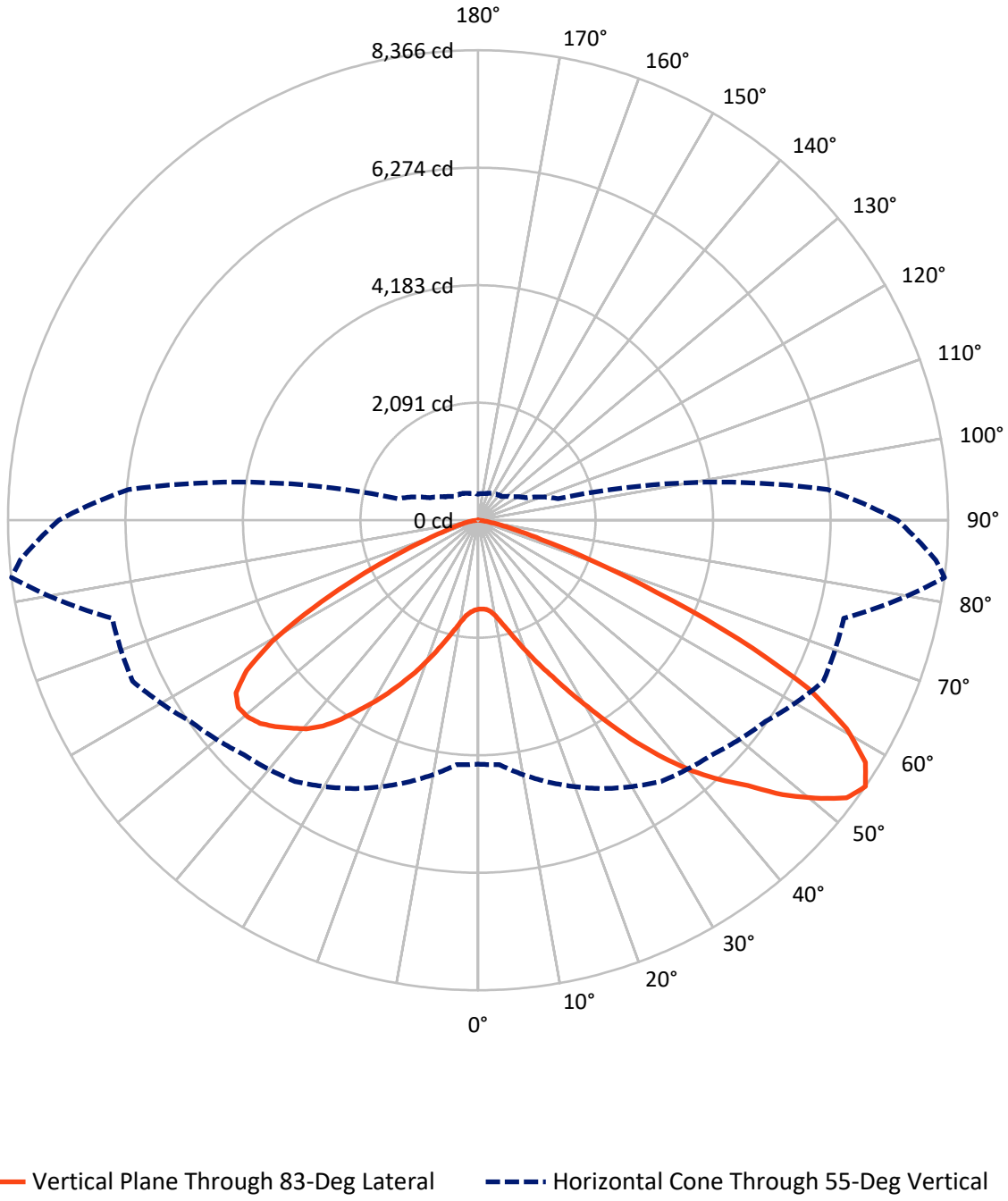
Based on 20 foot mounting height. Maximum calculated value = 6.7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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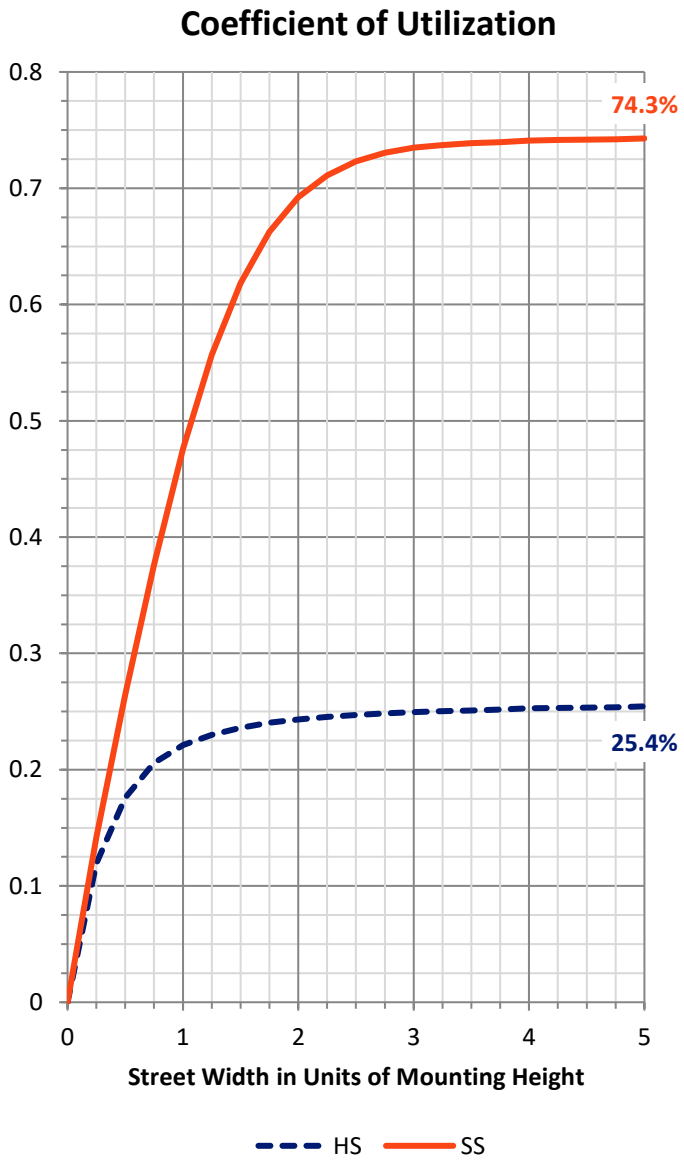
REPORT NUMBER: P1501021
CATALOG NUMBER: GSS-SB3A-730-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3282.3	0.0	3282.3
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	9508.2	0.0	9508.2
	% Fixture	74.3	0.0	74.3
Total	Lumens	12790.5	0.0	12790.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.0	1.2
10°-20°	498.4	3.9
20°-30°	997.7	7.8
30°-40°	1775.2	13.9
40°-50°	2675.1	20.9
50°-60°	3259.7	25.5
60°-70°	2636.0	20.6
70°-80°	722.0	5.6
80°-90°	73.5	0.6
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°	12790.5	100.0
0°-180°	12790.5	100.0



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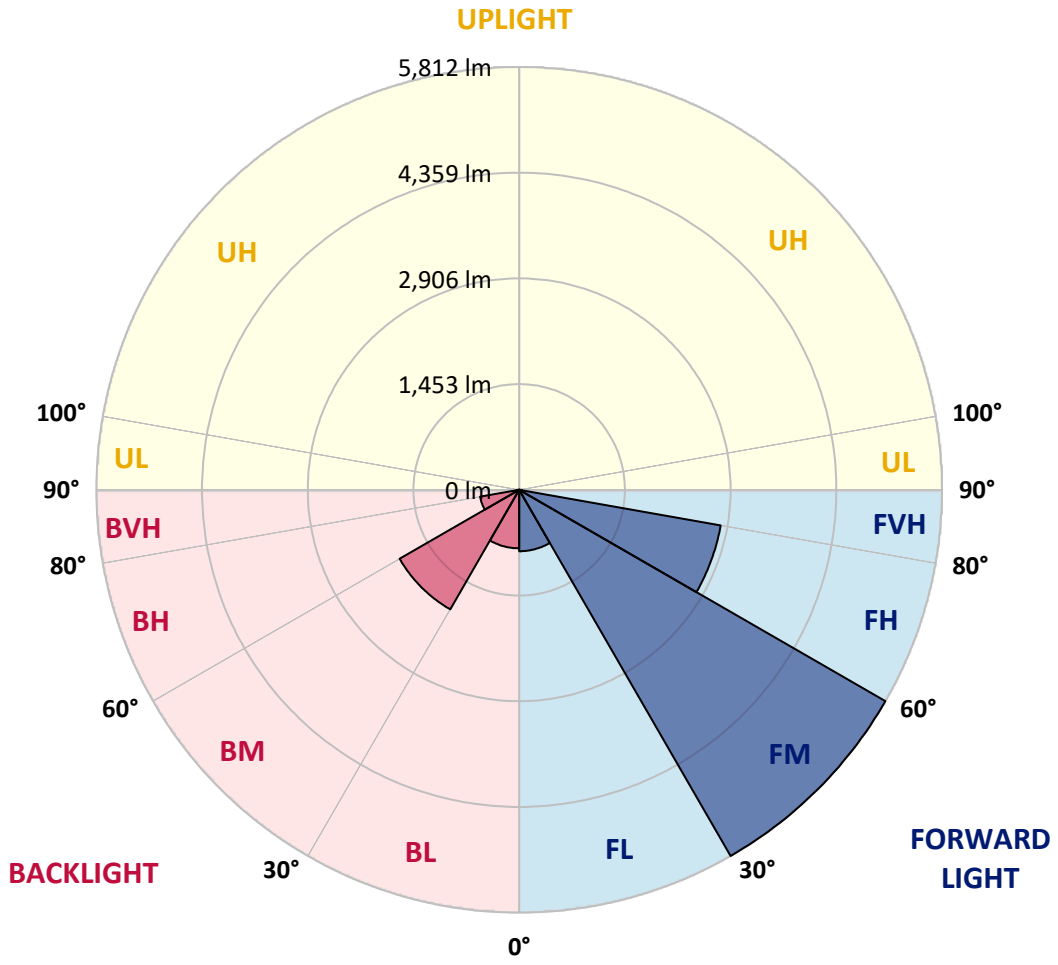
Scaled Data Report

REPORT NUMBER: P1501021
CATALOG NUMBER: GSS-SB3A-730-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	844.5	6.6			
FM	(30°-60°)	5812.4	45.4			
FH	(60°-80°)	2813.0	22.0			G2/5000
FVH	(80°-90°)	38.3	0.3			G1/100
BL	(0°-30°)	804.6	6.3	B2/1000		
BM	(30°-60°)	1897.6	14.8	B2/2500		
BH	(60°-80°)	545.0	4.3	B2/1000		G2/1000
BVH	(80°-90°)	35.2	0.3			G1/100
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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REPORT NUMBER: P1501021
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3	*1583.3*	1583.3
2.5°	1537.9	1535.0	1532.2	1529.3	1535.0	1543.5	1552.1	1557.8	1572.0	*1583.3*	1577.7
5°	1415.6	1409.9	1415.6	1438.4	1458.3	1492.4	1526.5	1549.2	1580.5	*1594.7*	1600.4
7.5°	1307.6	1301.9	1307.6	1336.0	1370.1	1424.1	1495.2	1552.1	1608.9	*1643.0*	1648.7
10°	1307.6	1310.4	1310.4	1321.8	1338.9	1392.9	1478.2	1586.2	1685.7	*1734.0*	1745.4
12.5°	1350.2	1350.2	1350.2	1364.5	1375.8	1418.5	1515.1	1648.7	1807.9	*1879.0*	1887.5
15°	1407.1	1404.3	1412.8	1421.3	1441.2	1483.8	1580.5	1739.7	1941.5	*2049.5*	2060.9
17.5°	1486.7	1481.0	1489.5	1509.4	1537.9	1586.2	1682.8	1864.8	2126.3	*2262.7*	2279.8
20°	1574.8	1572.0	1589.0	1620.3	1660.1	1719.8	1830.6	2015.4	2336.6	*2510.0*	2541.3
22.5°	1680.0	1674.3	1705.6	1762.4	1816.4	1884.7	2018.3	2211.6	2578.3	*2785.8*	2817.0
25°	1799.4	1799.4	1842.0	1910.2	1992.7	2114.9	2248.5	2461.7	2862.5	*3084.2*	3132.6
27.5°	1995.5	2009.7	2026.8	2097.8	2214.4	2379.3	2521.4	2763.0	3172.4	*3450.9*	3468.0
30°	2313.9	2308.2	2336.6	2385.0	2481.6	2655.0	2868.2	3126.9	3564.6	*3857.4*	3900.1
32.5°	2601.0	2609.5	2649.3	2740.3	2856.8	3004.6	3260.5	3578.9	3991.0	*4329.3*	4349.2
35°	2890.9	2896.6	2973.4	3109.8	3283.2	3448.1	3726.7	4039.4	4454.4	*4855.2*	4909.2
37.5°	3297.4	3291.7	3368.5	3485.0	3718.1	3974.0	4198.5	4497.0	4897.8	*5366.9*	5429.4
40°	3601.6	3632.9	3777.8	3925.7	4144.5	4408.9	4599.4	4880.8	5261.7	*5867.2*	5924.0
42.5°	3914.3	3939.9	4133.2	4354.9	4585.1	4764.2	4912.0	5173.6	5551.6	*6310.6*	6341.9
45°	4173.0	4207.1	4428.8	4710.2	4949.0	5130.9	5182.1	5426.6	5847.3	*6737.0*	6785.3
47.5°	4337.8	4374.8	4636.3	4966.0	5210.5	5403.8	5386.8	5730.7	6162.8	*7302.7*	7285.6
50°	4451.5	4474.3	4758.5	5111.0	5429.4	5557.3	5631.2	6074.7	6486.8	*7777.4*	7714.9
52.5°	4534.0	4570.9	4829.6	5216.2	5551.6	5719.3	5918.3	6472.6	6711.4	*8212.3*	8073.0
55°	*4340.7*	*4369.1*	*4823.9*	*5270.2*	*5676.7*	*5898.4*	*6245.2*	*6782.5*	*6739.8*	*8365.8*	*8178.2*
57.5°	4141.7	4164.4	4585.1	5256.0	5813.1	6120.1	6617.6	6822.3	6486.8	*8129.9*	7893.9
60°	3891.5	3908.6	4329.3	5105.3	5816.0	6293.5	6808.1	6532.3	6017.8	*7535.8*	7311.2
62.5°	3431.0	3431.0	3894.4	4698.8	5673.9	6381.7	6756.9	5983.7	5389.6	*6600.6*	6290.7
65°	2976.2	2956.3	3269.0	3974.0	5295.8	6358.9	6373.1	5290.1	4414.6	*5091.1*	4849.5
67.5°	2481.6	2484.4	2669.2	3226.4	4289.5	5884.2	5563.0	4087.7	3075.7	*3428.2*	3303.1
70°	1680.0	1722.6	1910.2	2342.3	3234.9	4170.1	4428.8	2768.7	1918.8	*2129.1*	2026.8
72.5°	639.6	648.1	867.0	1228.0	2043.8	2507.2	3089.9	1549.2	1122.8	*1174.0*	1179.7
75°	270.0	281.4	369.5	517.4	906.8	1367.3	1626.0	784.6	682.2	*702.1*	696.4
77.5°	181.9	187.6	224.6	278.6	409.3	548.6	679.4	443.4	417.9	*392.3*	380.9
80°	136.4	136.4	162.0	187.6	230.3	281.4	295.6	224.6	250.2	*207.5*	201.8
82.5°	88.1	93.8	102.3	110.9	130.8	139.3	119.4	122.2	145.0	*108.0*	102.3
85°	42.6	45.5	48.3	51.2	51.2	48.3	42.6	54.0	73.9	*45.5*	42.6
87.5°	5.7	5.7	5.7	5.7	5.7	5.7	2.8	2.8	2.8	*2.8*	2.8
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: P1501021
CATALOG NUMBER: GSS-SB3A-730-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3	1583.3
2.5°	1586.2	1597.5	1606.1	1611.8	1626.0	1623.1	1631.7	1637.3	1643.0	1651.6	1640.2
5°	1614.6	1634.5	1657.2	1674.3	1691.4	1699.9	1702.7	1708.4	1711.3	1716.9	1714.1
7.5°	1677.1	1699.9	1734.0	1751.1	1765.3	1765.3	1756.7	1753.9	1745.4	1751.1	1751.1
10°	1782.3	1816.4	1853.4	1856.2	1839.2	1819.3	1788.0	1770.9	1748.2	1742.5	1736.8
12.5°	1935.8	1981.3	2009.7	1989.8	1930.1	1856.2	1773.8	1697.0	1637.3	1611.8	1606.1
15°	2109.2	2166.1	2171.8	2114.9	2006.9	1827.8	1654.4	1569.1	1537.9	1537.9	1535.0
17.5°	2348.0	2387.8	2365.1	2228.6	1987.0	1694.2	1569.1	1554.9	1563.4	1574.8	1574.8
20°	2598.1	2643.6	2549.8	2308.2	1864.8	1614.6	1577.7	1589.0	1608.9	1620.3	1617.4
22.5°	2896.6	2919.4	2737.4	2311.0	1734.0	1594.7	1594.7	1608.9	1623.1	1640.2	1640.2
25°	3203.6	3195.1	2910.8	2205.9	1660.1	1589.0	1583.3	1594.7	1600.4	1608.9	1606.1
27.5°	3547.6	3502.1	3044.4	2038.2	1637.3	1572.0	1543.5	1532.2	1537.9	1546.4	1549.2
30°	3942.7	3834.7	3152.5	1933.0	1628.8	1532.2	1463.9	1432.7	1427.0	1438.4	1438.4
32.5°	4400.4	4167.3	3217.8	1918.8	1620.3	1461.1	1370.1	1310.4	1299.1	1304.8	1319.0
35°	4869.4	4568.1	3200.8	1955.7	1623.1	1404.3	1270.6	1191.1	1179.7	1185.4	1199.6
37.5°	5361.2	4949.0	3135.4	2012.6	1600.4	1327.5	1179.7	1083.0	1066.0	1077.4	1083.0
40°	5742.1	5270.2	2973.4	2035.3	1560.6	1230.9	1074.5	992.1	946.6	943.7	958.0
42.5°	6094.6	5523.2	2797.1	1998.4	1478.2	1128.5	966.5	884.1	813.0	759.0	759.0
45°	6447.0	5779.0	2618.0	1893.2	1341.7	1020.5	852.8	741.9	659.5	619.7	622.5
47.5°	6799.5	6026.3	2404.9	1734.0	1205.3	906.8	730.6	642.4	585.6	554.3	554.3
50°	7126.4	6205.4	2132.0	1481.0	1048.9	793.1	645.3	594.1	551.5	523.0	517.4
52.5°	7413.5	6324.8	1762.4	1174.0	878.4	665.2	599.8	560.0	528.7	497.5	488.9
55°	*7464.7*	*6245.2*	*1475.3*	*943.7*	*724.9*	*596.9*	*565.7*	*531.6*	*488.9*	*474.7*	*466.2*
57.5°	7149.2	5824.5	1245.1	795.9	619.7	548.6	537.3	497.5	463.3	449.1	440.6
60°	6611.9	5059.9	1029.0	682.2	551.5	503.1	517.4	477.6	423.5	415.0	406.5
62.5°	5645.4	3948.4	821.5	574.2	500.3	469.0	483.2	426.4	380.9	369.5	366.7
65°	4389.0	2825.6	690.8	506.0	460.5	434.9	429.2	378.1	344.0	335.4	335.4
67.5°	3064.3	1796.5	577.1	463.3	409.3	392.3	389.4	355.3	332.6	324.1	324.1
70°	1876.1	1088.7	486.1	423.5	361.0	329.7	349.6	344.0	309.8	301.3	298.5
72.5°	975.0	651.0	426.4	389.4	304.2	281.4	312.7	315.5	287.1	298.5	295.6
75°	565.7	452.0	372.4	344.0	241.6	235.9	272.9	301.3	278.6	287.1	281.4
77.5°	324.1	289.9	287.1	281.4	190.5	193.3	244.5	270.0	238.8	247.3	227.4
80°	179.1	187.6	199.0	176.2	133.6	150.7	196.1	216.0	181.9	179.1	164.9
82.5°	93.8	116.5	133.6	113.7	76.8	91.0	133.6	133.6	116.5	110.9	108.0
85°	42.6	48.3	62.5	56.9	28.4	34.1	62.5	68.2	59.7	54.0	51.2
87.5°	2.8	2.8	2.8	2.8	2.8	2.8	5.7	8.5	2.8	2.8	2.8
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

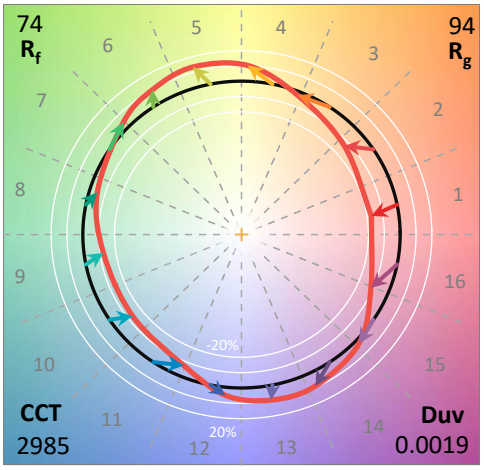
Test Information

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

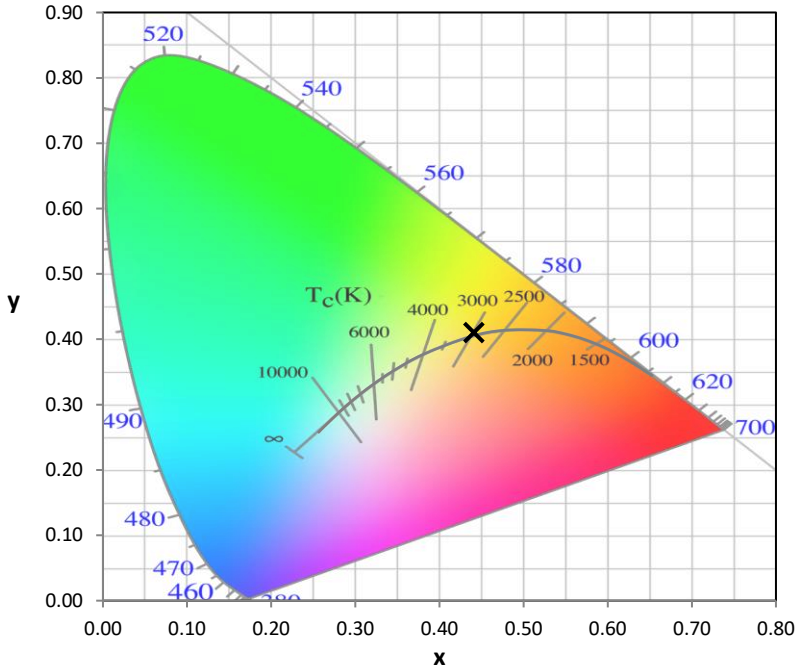
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

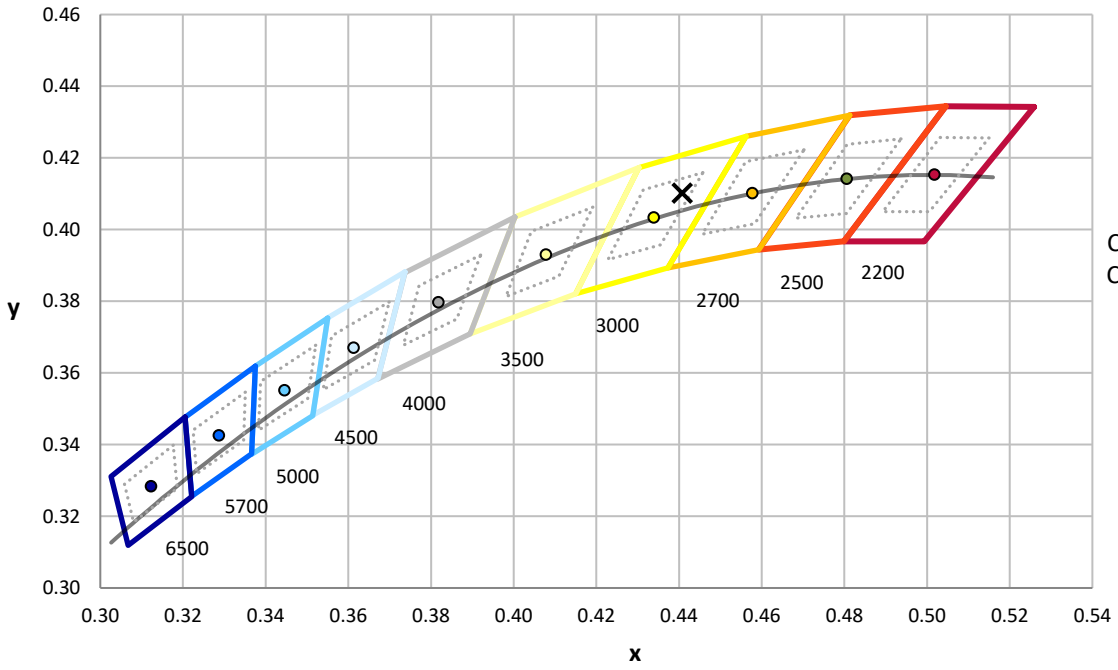
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

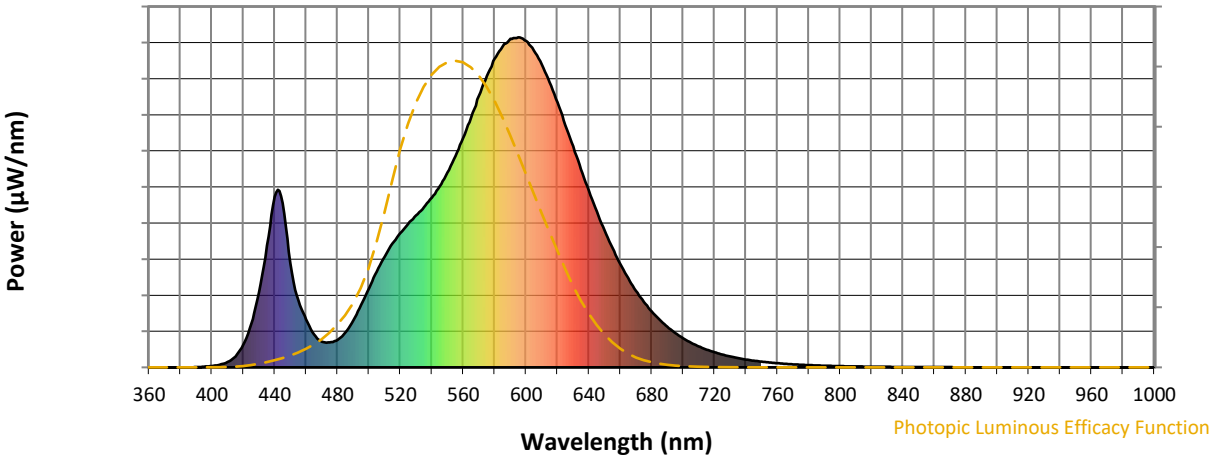


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

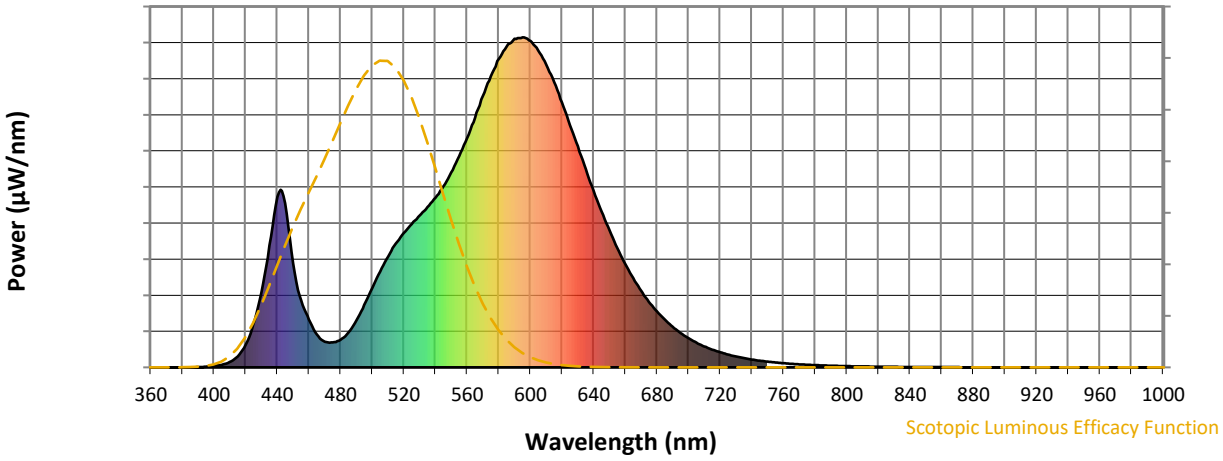


Photopic Lumens: NR

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

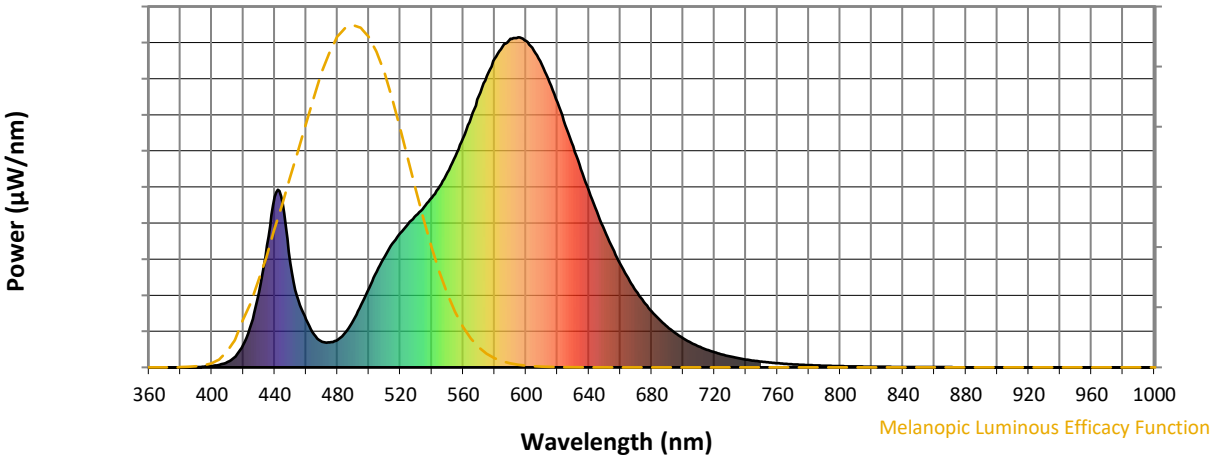


Scotopic Lumens: NR **S/P: 1.19**

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			

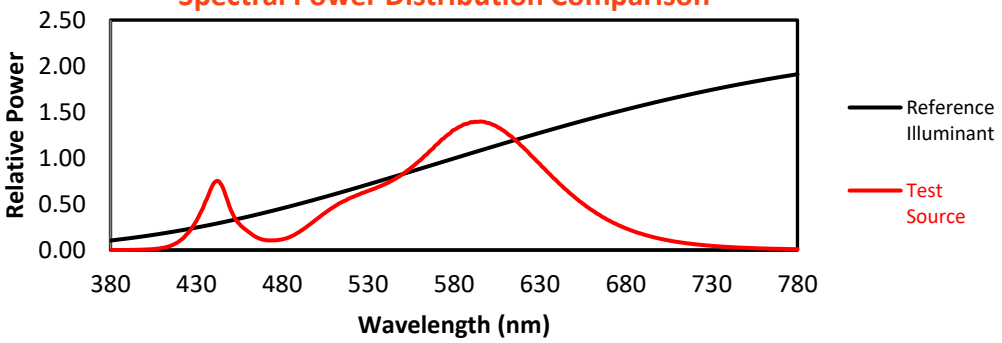
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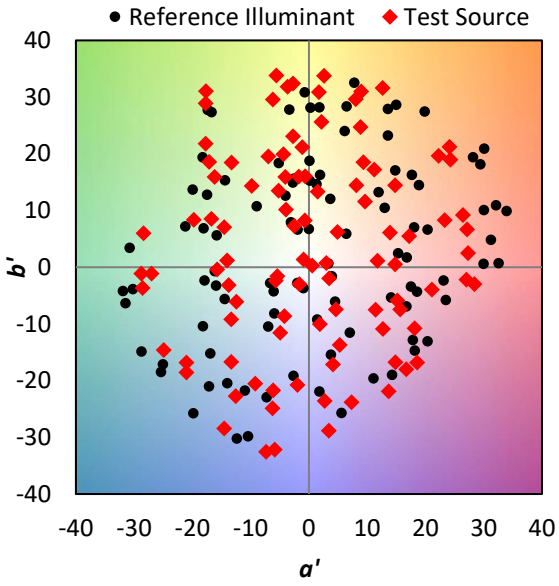
Summary

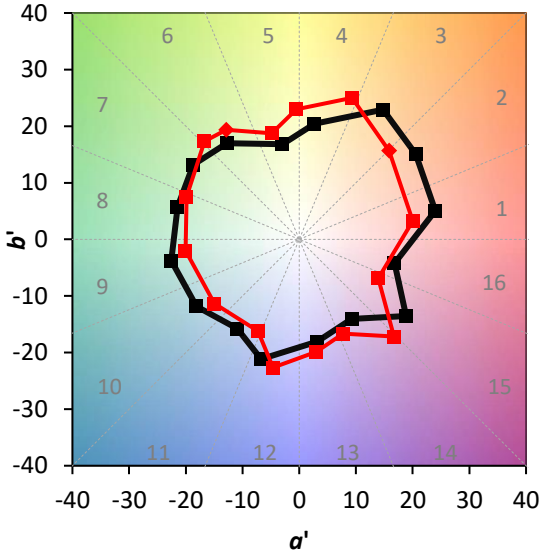
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

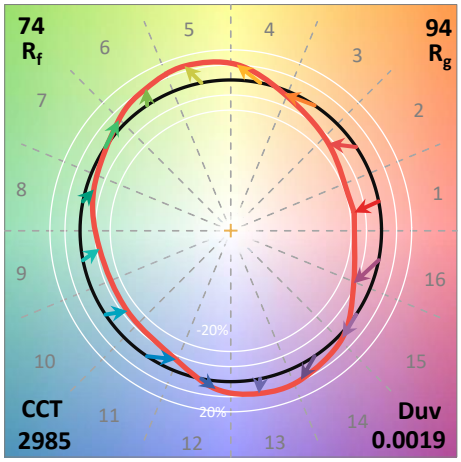
Spectral Power Distribution Comparison

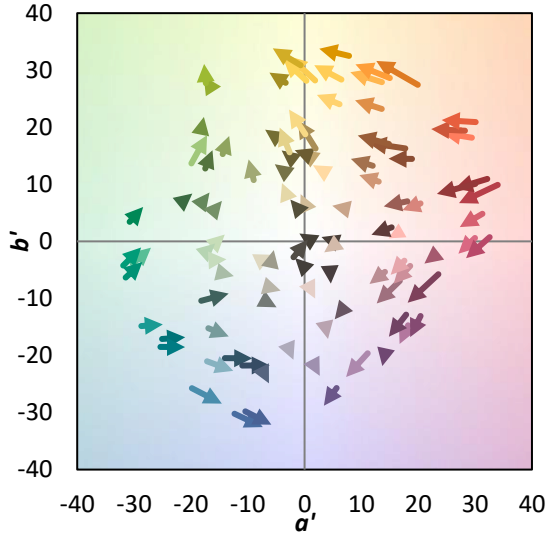


Color Vector Graphics







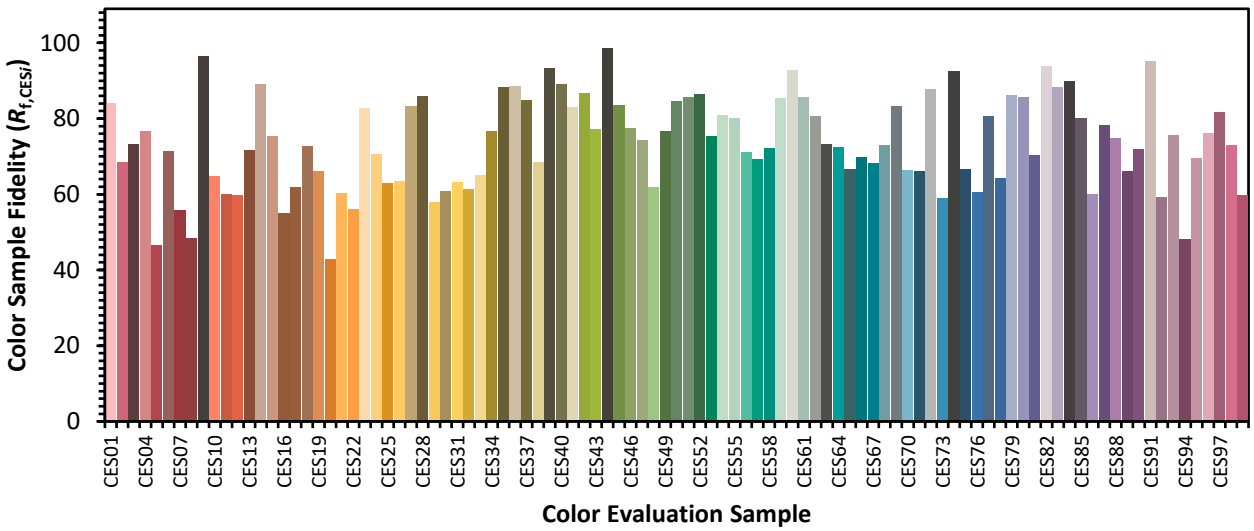


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Individual Sample Fidelity Index ($R_{f,i}$)

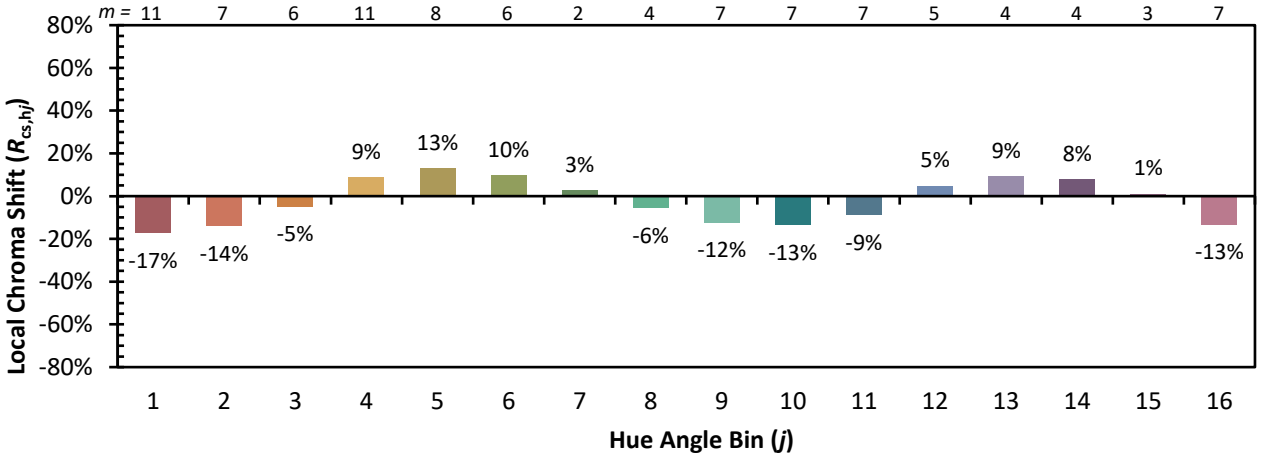
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

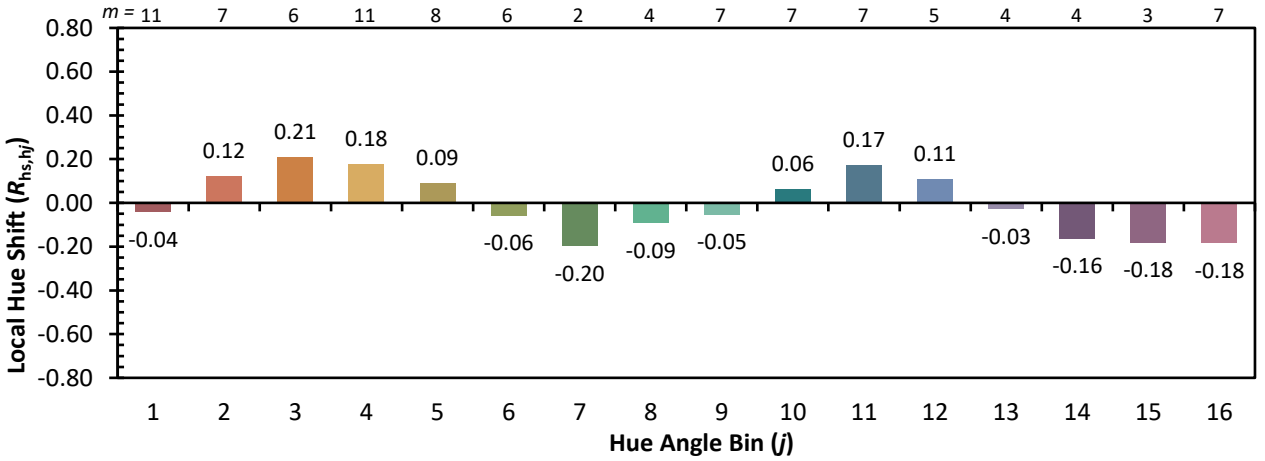


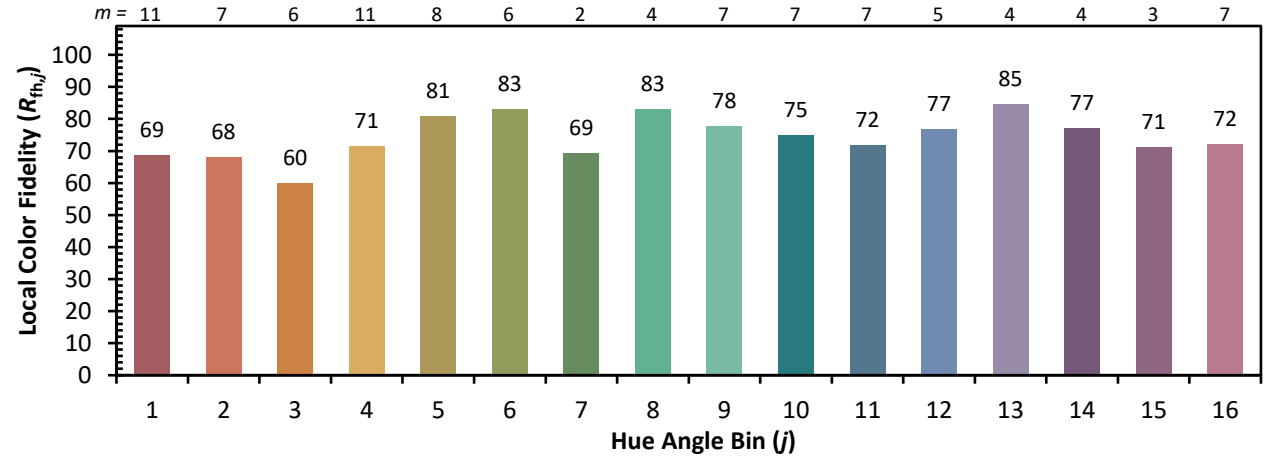
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Color Rendition by Hue-Angle Bin



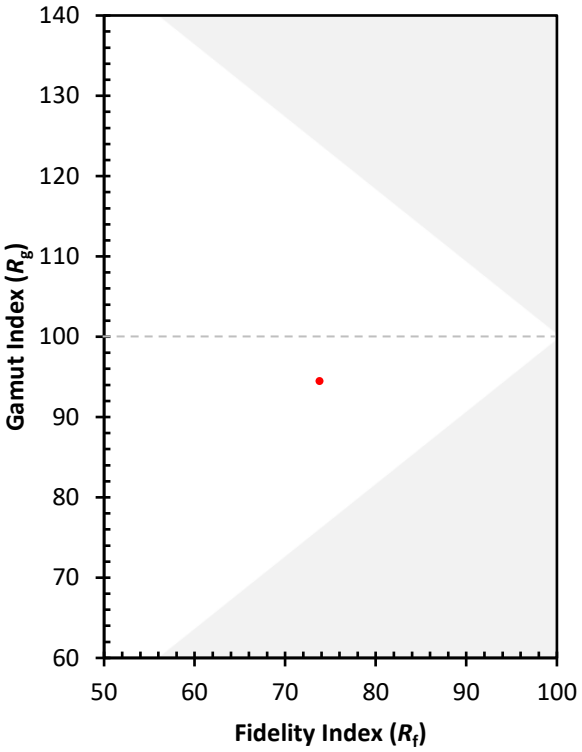


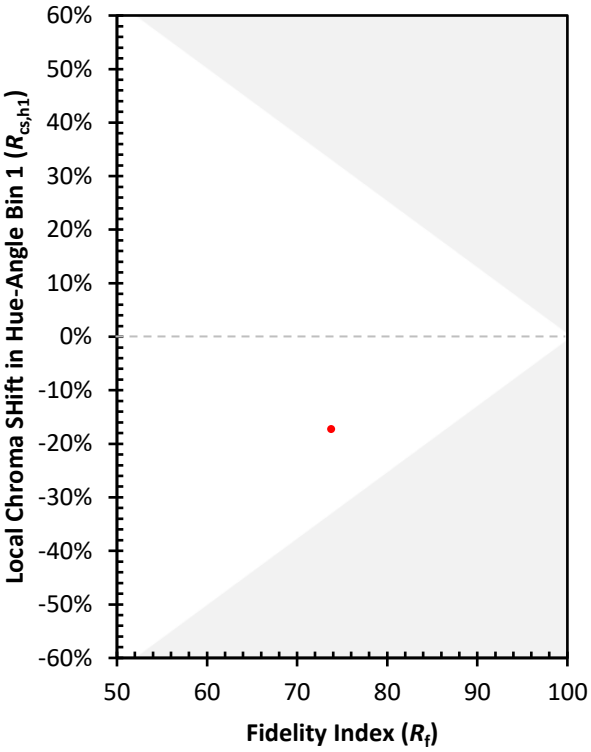


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Measure Comparisons





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