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: P1501189

Luminaire Tested: GSS-SB3A-840-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:	P1501189
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12235.6 lumens
Efficiency:	N/A
Efficacy:	143.9 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

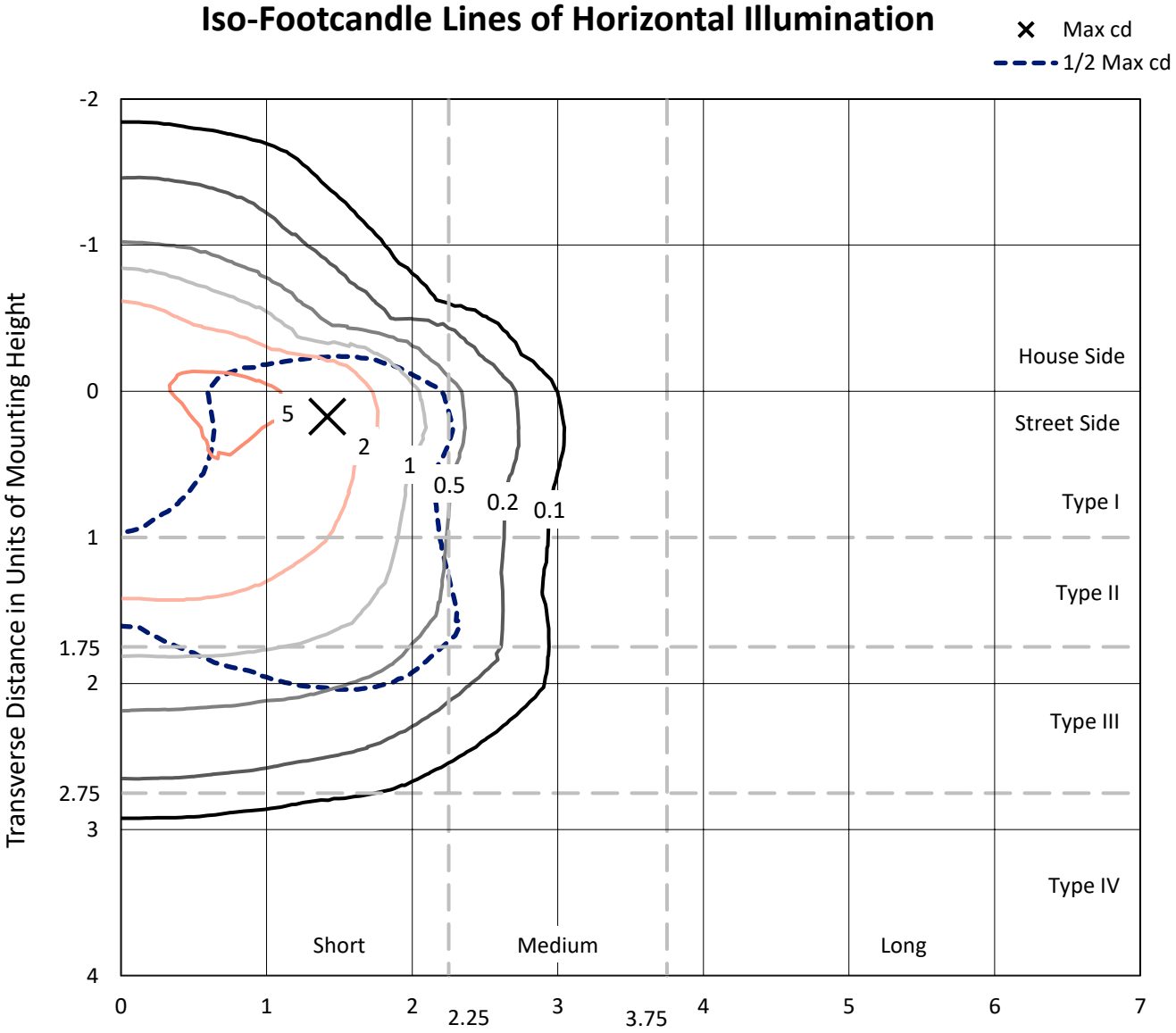
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501189
CATALOG NUMBER: GSS-SB3A-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



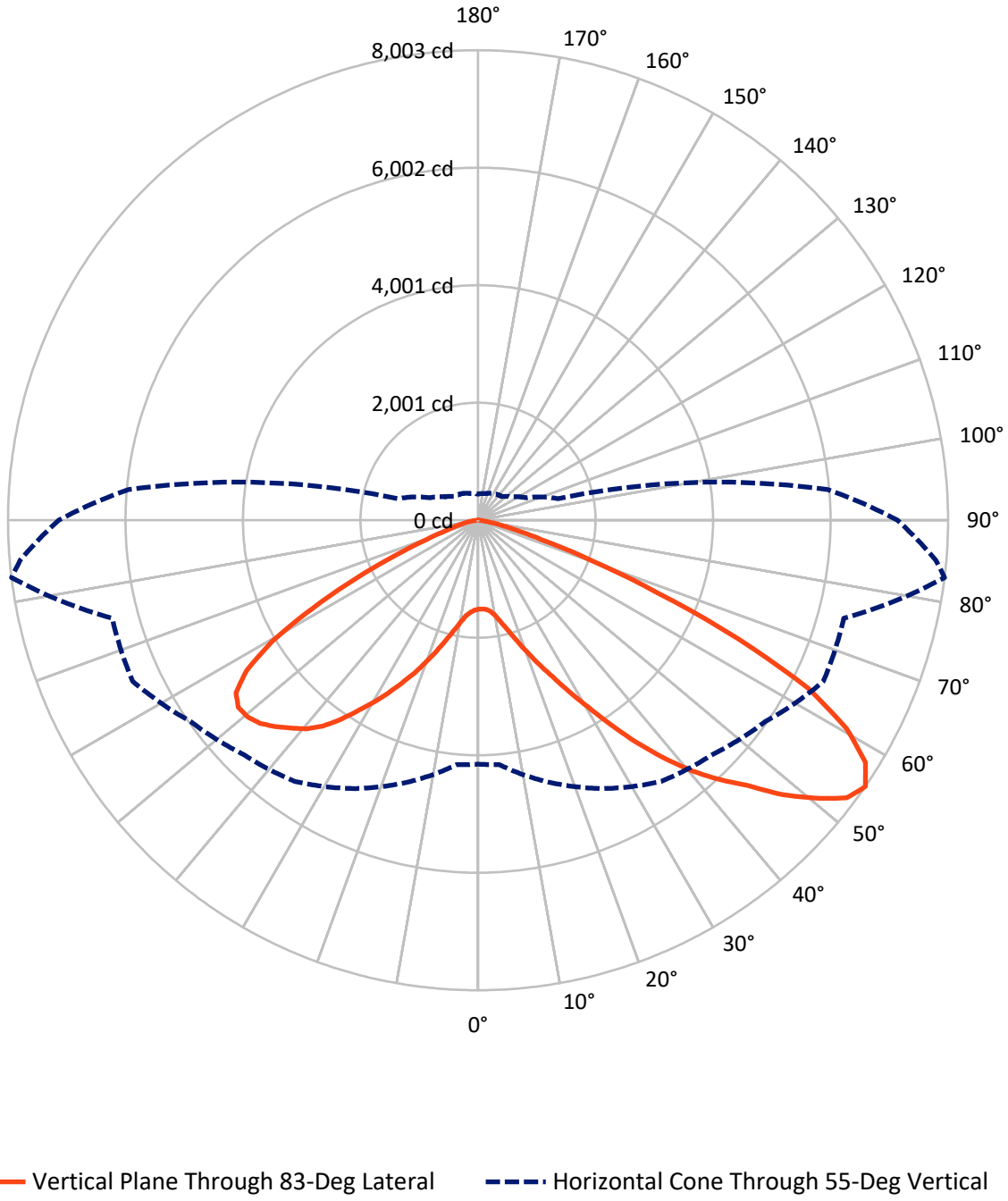
Based on 20 foot mounting height. Maximum calculated value = 6.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1501189
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Luminous Intensity Polar Plot



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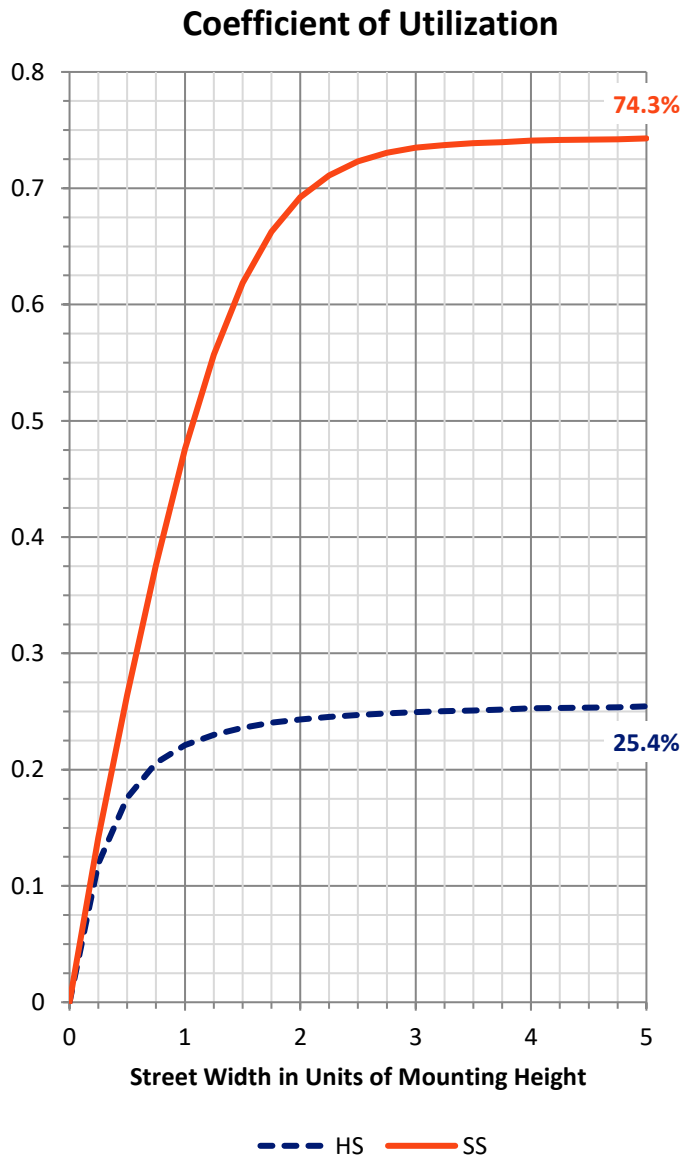
REPORT NUMBER: P1501189
CATALOG NUMBER: GSS-SB3A-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3139.9	0.0	3139.9
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	9095.7	0.0	9095.7
	% Fixture	74.3	0.0	74.3
Total	Lumens	12235.6	0.0	12235.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.3	1.2
10°-20°	476.8	3.9
20°-30°	954.5	7.8
30°-40°	1698.1	13.9
40°-50°	2559.0	20.9
50°-60°	3118.3	25.5
60°-70°	2521.6	20.6
70°-80°	690.6	5.6
80°-90°	70.3	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°	12235.6	100.0
0°-180°	12235.6	100.0



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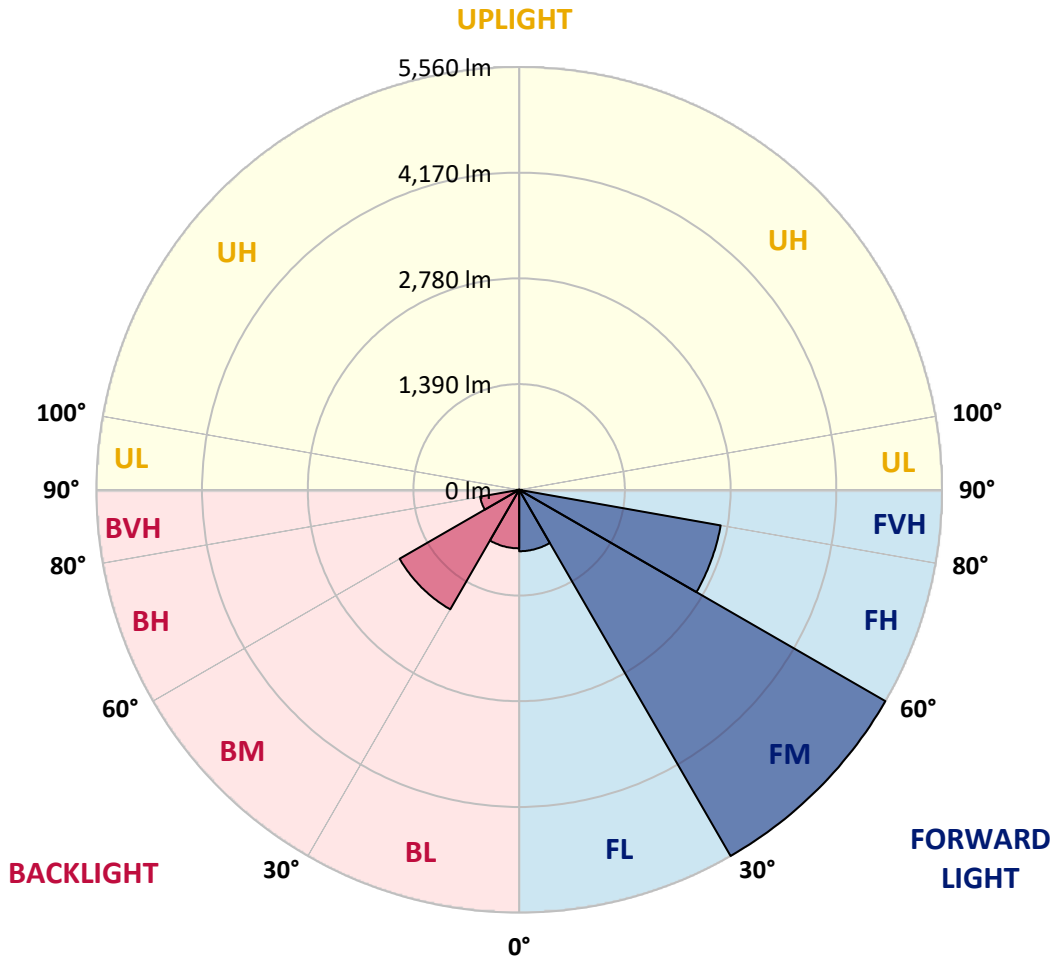
Scaled Data Report

REPORT NUMBER: P1501189
CATALOG NUMBER: GSS-SB3A-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	807.9	6.6			
FM	(30°-60°)	5560.3	45.4			
FH	(60°-80°)	2690.9	22.0			G2/5000
FVH	(80°-90°)	36.6	0.3			G1/100
BL	(0°-30°)	769.7	6.3	B2/1000		
BM	(30°-60°)	1815.2	14.8	B2/2500		
BH	(60°-80°)	521.3	4.3	B2/1000		G2/1000
BVH	(80°-90°)	33.7	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: P1501189
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6	*1514.6*	1514.6
2.5°	1471.1	1468.4	1465.7	1463.0	1468.4	1476.6	1484.7	1490.2	1503.8	*1514.6*	1509.2
5°	1354.2	1348.8	1354.2	1376.0	1395.0	1427.6	1460.3	1482.0	1511.9	*1525.5*	1531.0
7.5°	1250.9	1245.4	1250.9	1278.1	1310.7	1362.4	1430.3	1484.7	1539.1	*1571.7*	1577.2
10°	1250.9	1253.6	1253.6	1264.5	1280.8	1332.4	1414.0	1517.4	1612.5	*1658.8*	1669.6
12.5°	1291.7	1291.7	1291.7	1305.3	1316.1	1356.9	1449.4	1577.2	1729.5	*1797.4*	1805.6
15°	1346.0	1343.3	1351.5	1359.6	1378.7	1419.5	1511.9	1664.2	1857.3	*1960.6*	1971.5
17.5°	1422.2	1416.7	1424.9	1443.9	1471.1	1517.4	1609.8	1783.9	2034.0	*2164.6*	2180.9
20°	1506.5	1503.8	1520.1	1550.0	1588.1	1645.2	1751.2	1928.0	2235.3	*2401.1*	2431.0
22.5°	1607.1	1601.7	1631.6	1686.0	1737.6	1802.9	1930.7	2115.6	2466.4	*2664.9*	2694.8
25°	1721.3	1721.3	1762.1	1827.4	1906.2	2023.1	2151.0	2354.9	2738.3	*2950.4*	2996.7
27.5°	1908.9	1922.5	1938.8	2006.8	2118.3	2276.0	2412.0	2643.1	3034.7	*3301.2*	3317.5
30°	2213.5	2208.1	2235.3	2281.5	2373.9	2539.8	2743.8	2991.2	3410.0	*3690.1*	3730.9
32.5°	2488.1	2496.3	2534.4	2621.4	2732.9	2874.3	3119.0	3423.6	3817.9	*4141.5*	4160.5
35°	2765.5	2771.0	2844.4	2974.9	3140.8	3298.5	3565.0	3864.1	4261.1	*4644.5*	4696.2
37.5°	3154.4	3148.9	3222.4	3333.8	3556.8	3801.6	4016.4	4301.9	4685.3	*5134.0*	5193.8
40°	3445.3	3475.2	3613.9	3755.3	3964.7	4217.6	4399.8	4669.0	5033.4	*5612.6*	5667.0
42.5°	3744.5	3768.9	3953.8	4165.9	4386.2	4557.5	4698.9	4949.1	5310.8	*6036.8*	6066.7
45°	3991.9	4024.5	4236.6	4505.9	4734.3	4908.3	4957.3	5191.1	5593.6	*6444.7*	6490.9
47.5°	4149.6	4185.0	4435.2	4750.6	4984.4	5169.4	5153.0	5482.1	5895.4	*6985.8*	6969.5
50°	4258.4	4280.2	4552.1	4889.3	5193.8	5316.2	5386.9	5811.1	6205.4	*7440.0*	7380.1
52.5°	4337.3	4372.6	4620.1	4989.9	5310.8	5471.2	5661.5	6191.8	6420.2	*7856.0*	7722.8
55°	*4152.3*	*4179.5*	*4614.6*	*5041.6*	*5430.4*	*5642.5*	*5974.3*	*6488.2*	*6447.4*	*8002.9*	*7823.4*
57.5°	3962.0	3983.8	4386.2	5028.0	5560.9	5854.6	6330.5	6526.3	6205.4	*7777.2*	7551.5
60°	3722.7	3739.0	4141.5	4883.8	5563.7	6020.5	6512.7	6248.9	5756.7	*7208.8*	6994.0
62.5°	3282.2	3282.2	3725.4	4495.0	5427.7	6104.8	6463.7	5724.1	5155.8	*6314.2*	6017.8
65°	2847.1	2828.1	3127.2	3801.6	5066.0	6083.0	6096.6	5060.6	4223.0	*4870.2*	4639.1
67.5°	2373.9	2376.7	2553.4	3086.4	4103.4	5628.9	5321.6	3910.3	2942.3	*3279.5*	3159.8
70°	1607.1	1647.9	1827.4	2240.7	3094.5	3989.2	4236.6	2648.6	1835.5	*2036.7*	1938.8
72.5°	611.8	620.0	829.4	1174.7	1955.2	2398.4	2955.9	1482.0	1074.1	*1123.1*	1128.5
75°	258.3	269.2	353.5	494.9	867.5	1308.0	1555.4	750.5	652.6	*671.7*	666.2
77.5°	174.0	179.5	214.8	266.5	391.6	524.8	649.9	424.2	399.7	*375.3*	364.4
80°	130.5	130.5	155.0	179.5	220.3	269.2	282.8	214.8	239.3	*198.5*	193.1
82.5°	84.3	89.7	97.9	106.1	125.1	133.2	114.2	116.9	138.7	*103.3*	97.9
85°	40.8	43.5	46.2	48.9	48.9	46.2	40.8	51.7	70.7	*43.5*	40.8
87.5°	5.4	5.4	5.4	5.4	5.4	5.4	2.7	2.7	2.7	*2.7*	2.7
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: P1501189
CATALOG NUMBER: GSS-SB3A-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6	1514.6
2.5°	1517.4	1528.2	1536.4	1541.8	1555.4	1552.7	1560.9	1566.3	1571.7	1579.9	1569.0
5°	1544.6	1563.6	1585.3	1601.7	1618.0	1626.1	1628.9	1634.3	1637.0	1642.4	1639.7
7.5°	1604.4	1626.1	1658.8	1675.1	1688.7	1688.7	1680.5	1677.8	1669.6	1675.1	1675.1
10°	1705.0	1737.6	1773.0	1775.7	1759.4	1740.3	1710.4	1694.1	1672.4	1666.9	1661.5
12.5°	1851.8	1895.3	1922.5	1903.5	1846.4	1775.7	1696.8	1623.4	1566.3	1541.8	1536.4
15°	2017.7	2072.1	2077.5	2023.1	1919.8	1748.5	1582.6	1501.0	1471.1	1471.1	1468.4
17.5°	2246.1	2284.2	2262.4	2131.9	1900.8	1620.7	1501.0	1487.4	1495.6	1506.5	1506.5
20°	2485.4	2528.9	2439.2	2208.1	1783.9	1544.6	1509.2	1520.1	1539.1	1550.0	1547.3
22.5°	2771.0	2792.7	2618.7	2210.8	1658.8	1525.5	1525.5	1539.1	1552.7	1569.0	1569.0
25°	3064.6	3056.5	2784.5	2110.2	1588.1	1520.1	1514.6	1525.5	1531.0	1539.1	1536.4
27.5°	3393.7	3350.2	2912.4	1949.7	1566.3	1503.8	1476.6	1465.7	1471.1	1479.3	1482.0
30°	3771.6	3668.3	3015.7	1849.1	1558.1	1465.7	1400.4	1370.5	1365.1	1376.0	1376.0
32.5°	4209.5	3986.5	3078.2	1835.5	1550.0	1397.7	1310.7	1253.6	1242.7	1248.2	1261.7
35°	4658.1	4369.9	3061.9	1870.9	1552.7	1343.3	1215.5	1139.4	1128.5	1133.9	1147.5
37.5°	5128.6	4734.3	2999.4	1925.3	1531.0	1269.9	1128.5	1036.0	1019.7	1030.6	1036.0
40°	5493.0	5041.6	2844.4	1947.0	1492.9	1177.5	1027.9	949.0	905.5	902.8	916.4
42.5°	5830.1	5283.6	2675.8	1911.7	1414.0	1079.6	924.6	845.7	777.7	726.0	726.0
45°	6167.3	5528.3	2504.5	1811.0	1283.5	976.2	815.8	709.7	630.9	592.8	595.5
47.5°	6504.5	5764.9	2300.5	1658.8	1153.0	867.5	698.9	614.6	560.2	530.3	530.3
50°	6817.2	5936.2	2039.5	1416.7	1003.4	758.7	617.3	568.3	527.5	500.3	494.9
52.5°	7091.9	6050.4	1686.0	1123.1	840.3	636.3	573.8	535.7	505.8	475.9	467.7
55°	*7140.8*	*5974.3*	*1411.3*	*902.8*	*693.4*	*571.0*	*541.1*	*508.5*	*467.7*	*454.1*	*446.0*
57.5°	6839.0	5571.8	1191.0	761.4	592.8	524.8	513.9	475.9	443.2	429.6	421.5
60°	6325.1	4840.3	984.4	652.6	527.5	481.3	494.9	456.8	405.2	397.0	388.9
62.5°	5400.5	3777.1	785.9	549.3	478.6	448.7	462.3	407.9	364.4	353.5	350.8
65°	4198.6	2703.0	660.8	484.0	440.5	416.1	410.6	361.7	329.0	320.9	320.9
67.5°	2931.4	1718.6	552.0	443.2	391.6	375.3	372.5	339.9	318.2	310.0	310.0
70°	1794.7	1041.5	465.0	405.2	345.3	315.4	334.5	329.0	296.4	288.2	285.5
72.5°	932.7	622.7	407.9	372.5	291.0	269.2	299.1	301.8	274.6	285.5	282.8
75°	541.1	432.4	356.2	329.0	231.1	225.7	261.1	288.2	266.5	274.6	269.2
77.5°	310.0	277.4	274.6	269.2	182.2	184.9	233.9	258.3	228.4	236.6	217.5
80°	171.3	179.5	190.3	168.6	127.8	144.1	187.6	206.7	174.0	171.3	157.7
82.5°	89.7	111.5	127.8	108.8	73.4	87.0	127.8	127.8	111.5	106.1	103.3
85°	40.8	46.2	59.8	54.4	27.2	32.6	59.8	65.3	57.1	51.7	48.9
87.5°	2.7	2.7	2.7	2.7	2.7	2.7	5.4	8.2	2.7	2.7	2.7
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

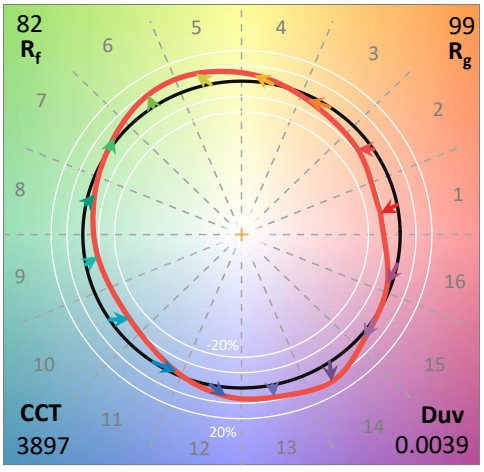
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

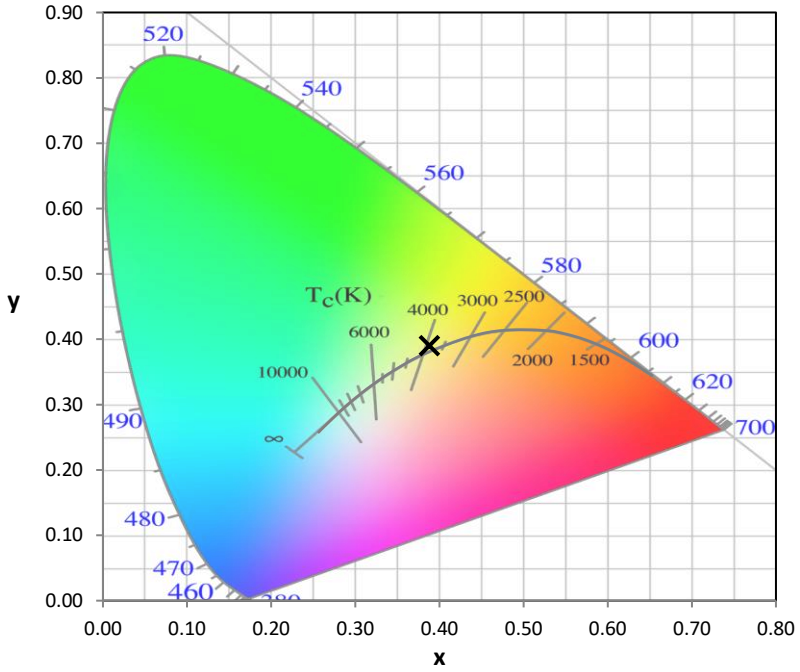
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

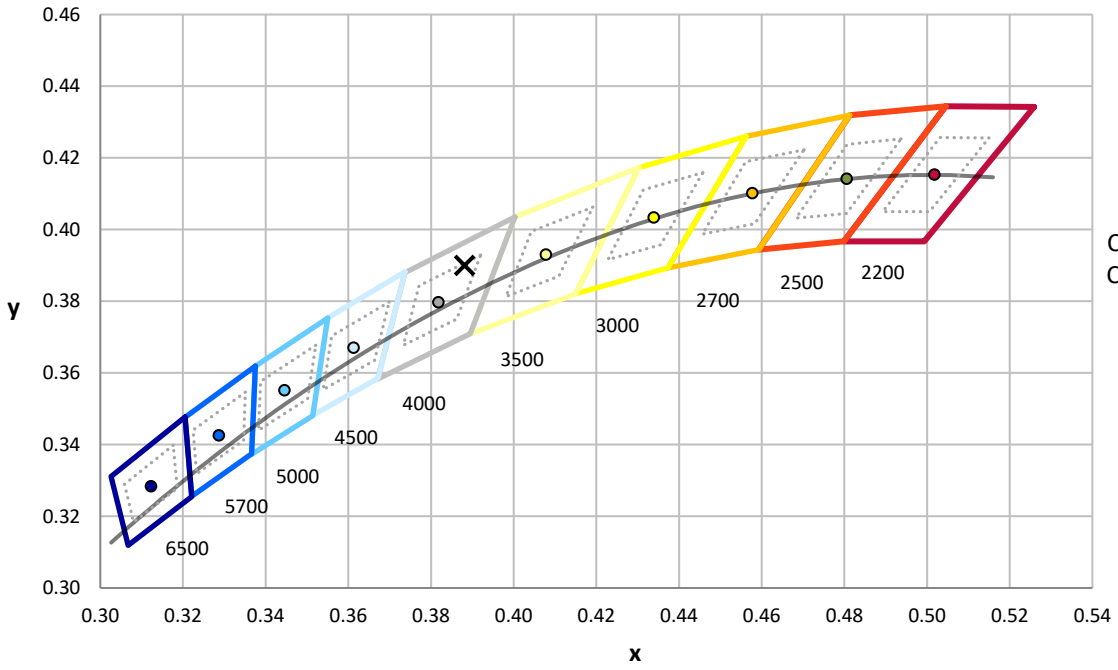
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

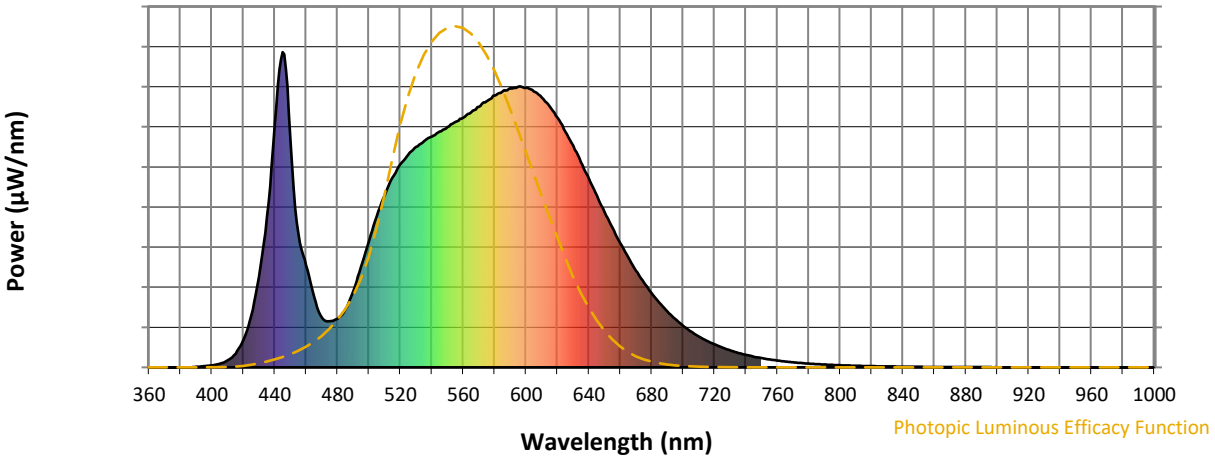


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

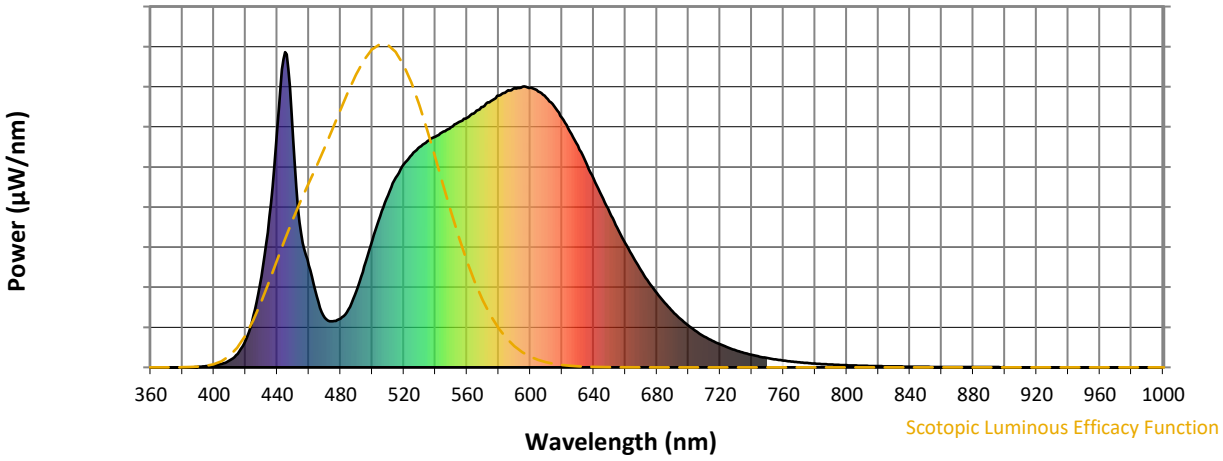


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

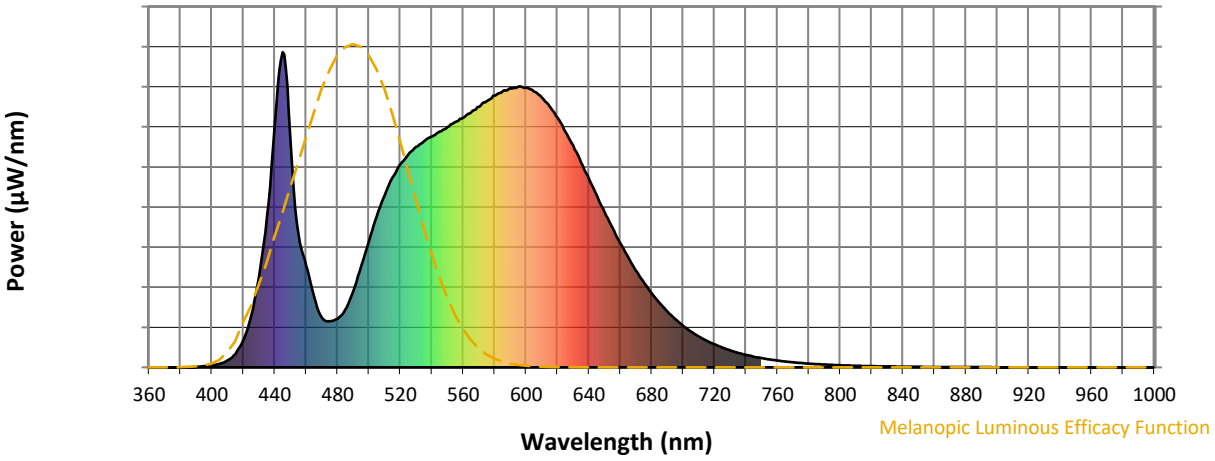


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

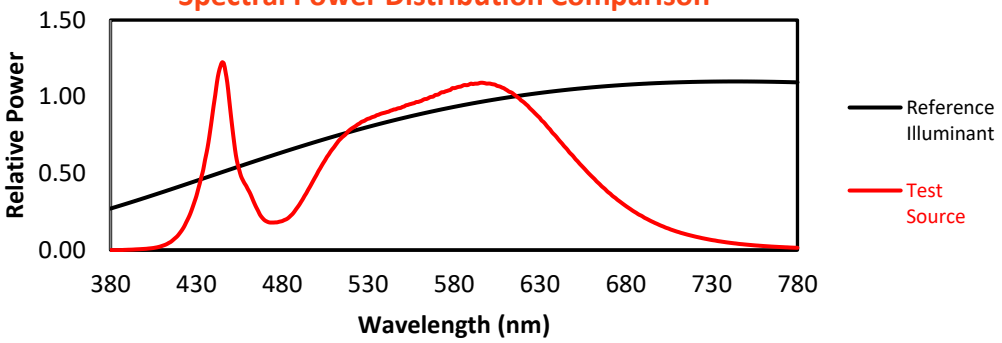
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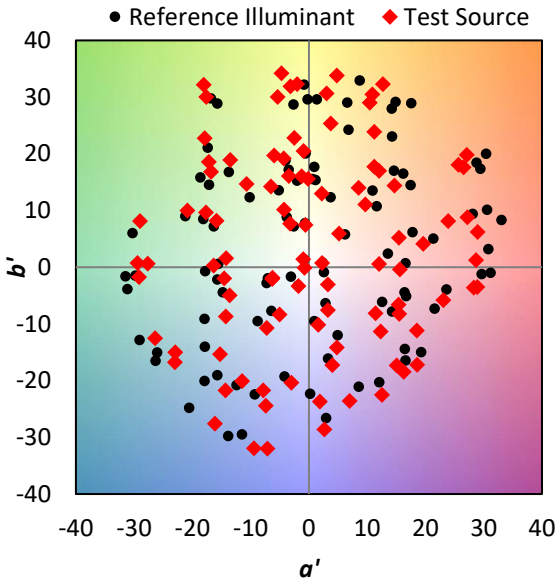
Summary

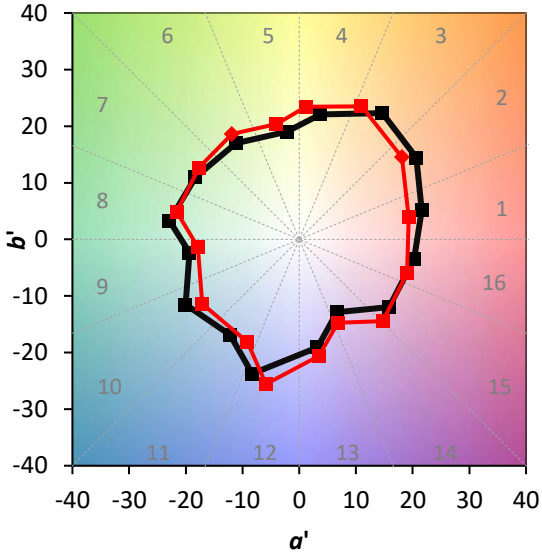
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

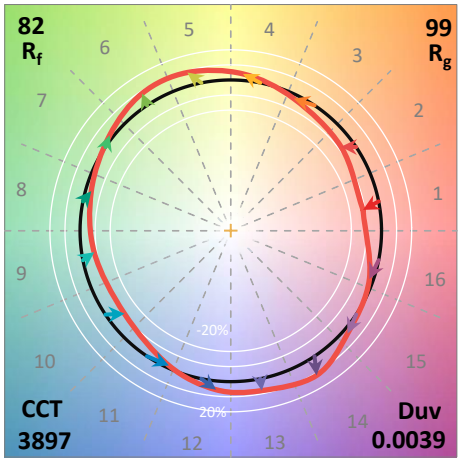
Spectral Power Distribution Comparison

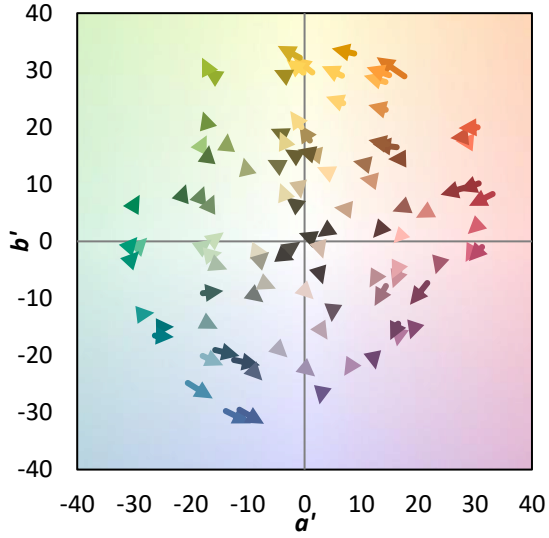


Color Vector Graphics







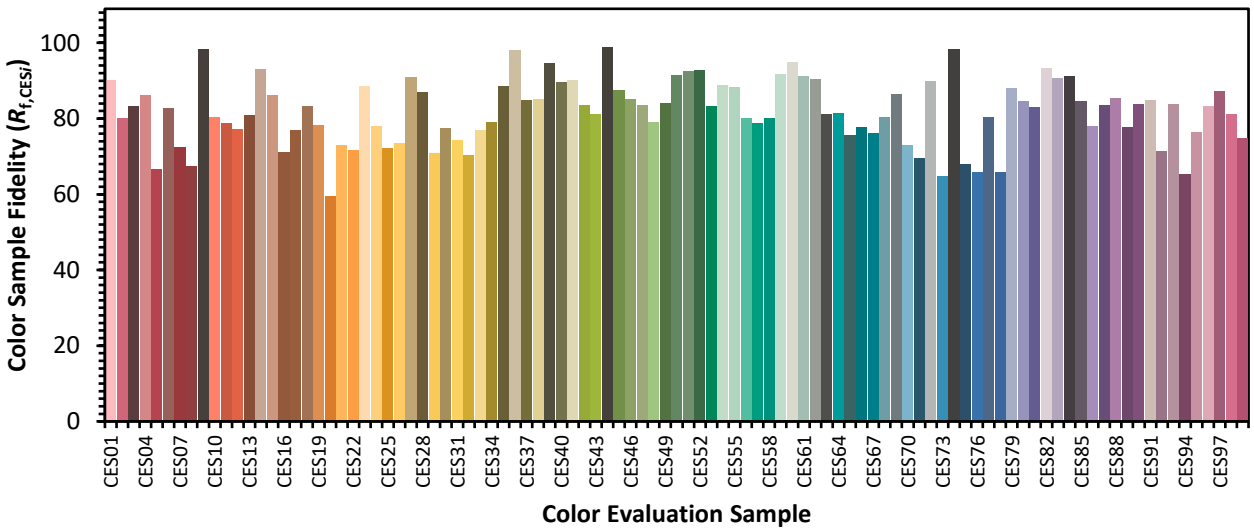


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Individual Sample Fidelity Index ($R_{f,i}$)

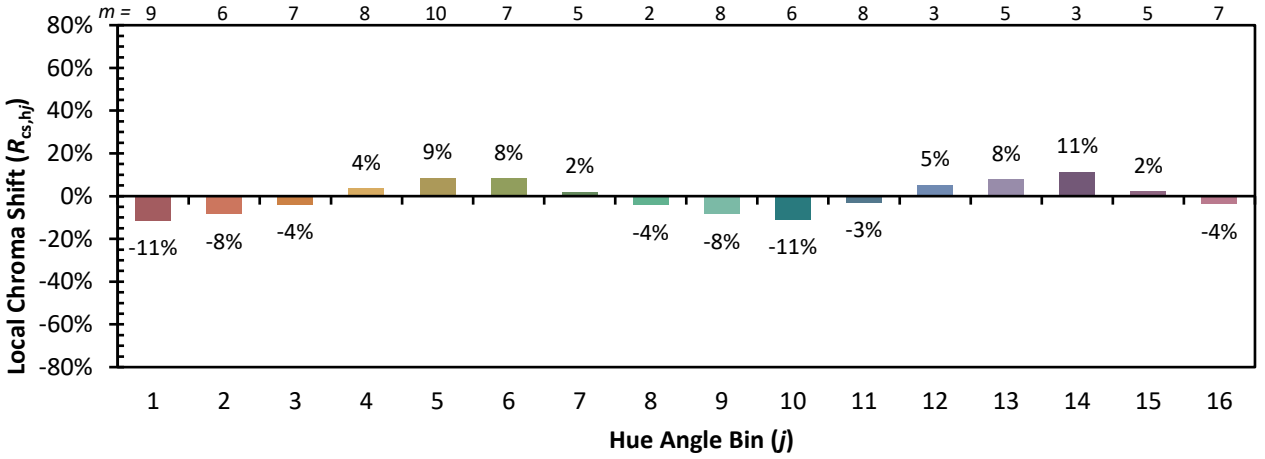
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

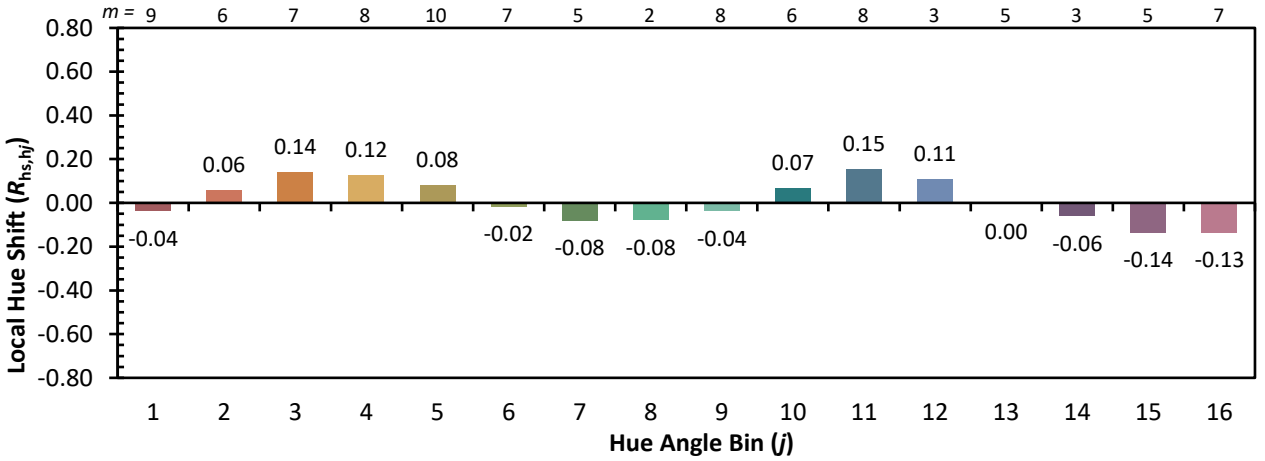


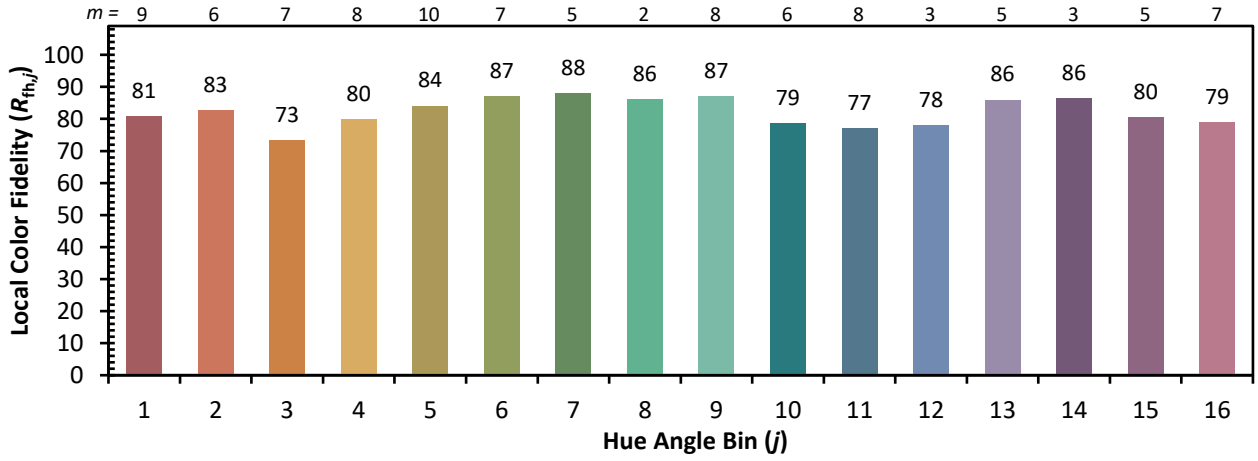
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Color Rendition by Hue-Angle Bin



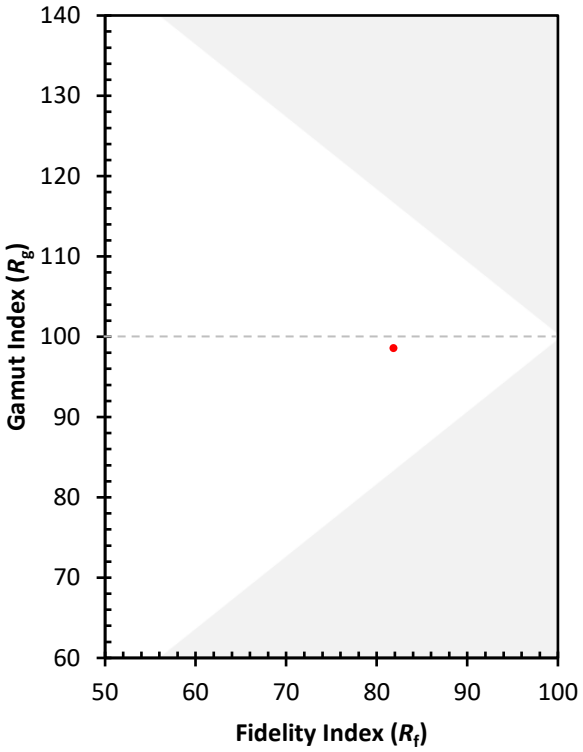


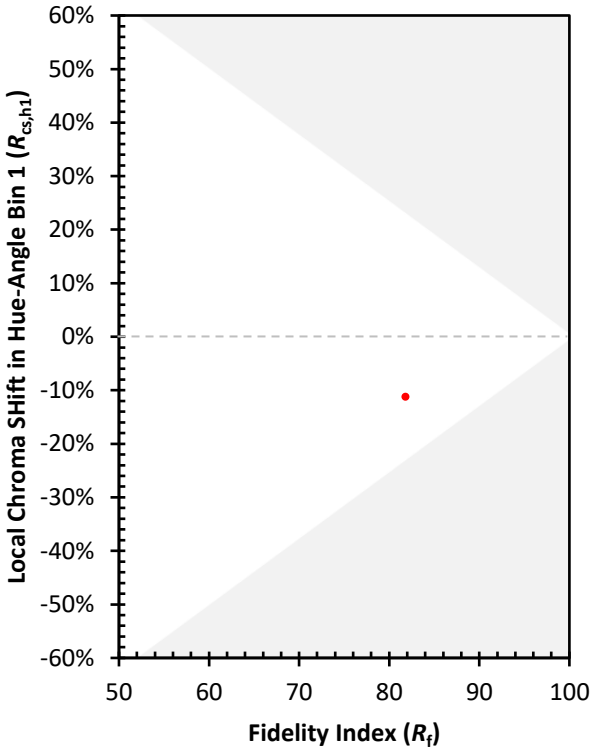


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Measure Comparisons





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