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: P1501117

Luminaire Tested: GSS-SB3A-827-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:	P1501117
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-827-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 80CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11125.7 lumens
Efficiency:	N/A
Efficacy:	130.9 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

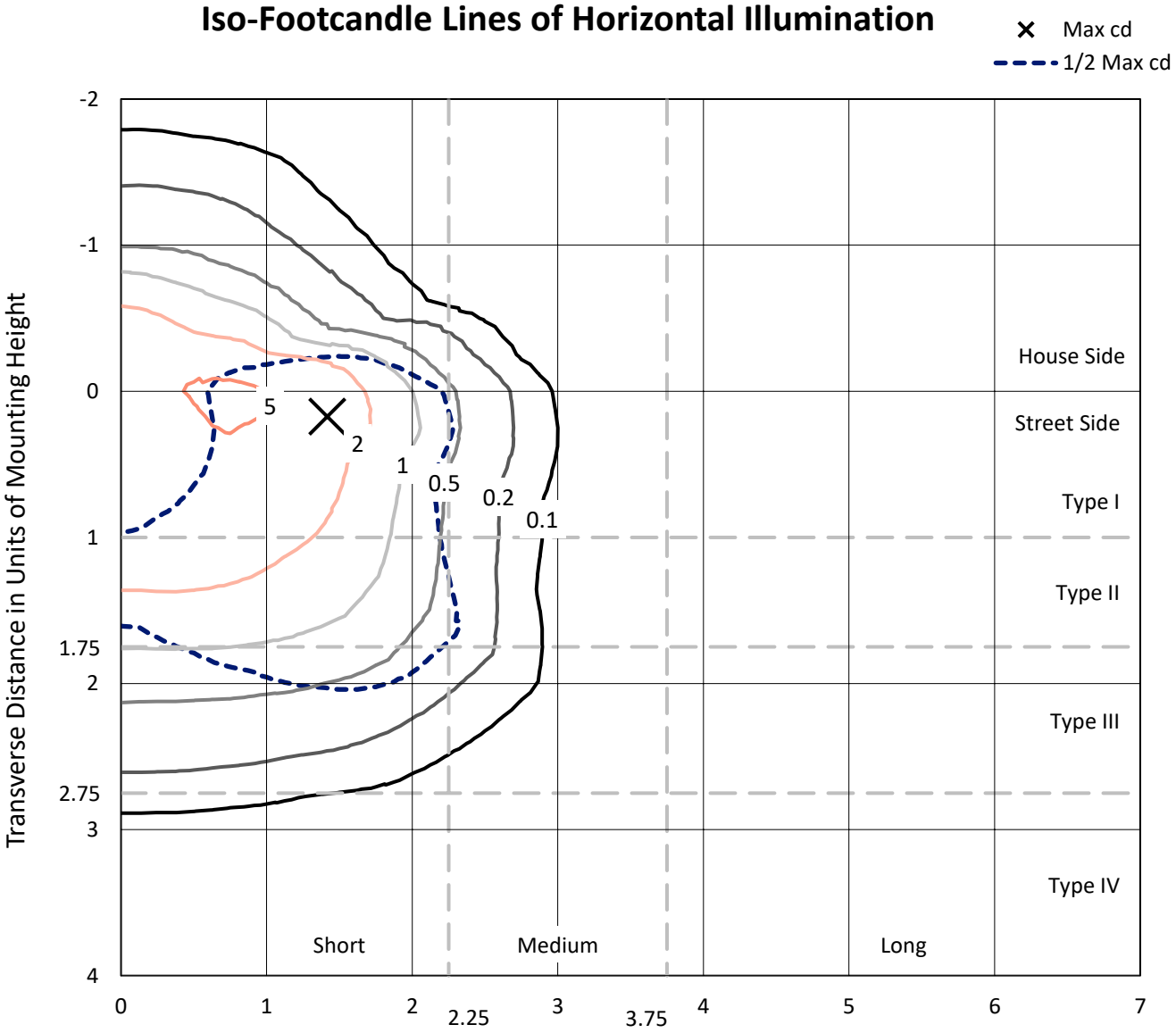
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501117
CATALOG NUMBER: GSS-SB3A-827-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



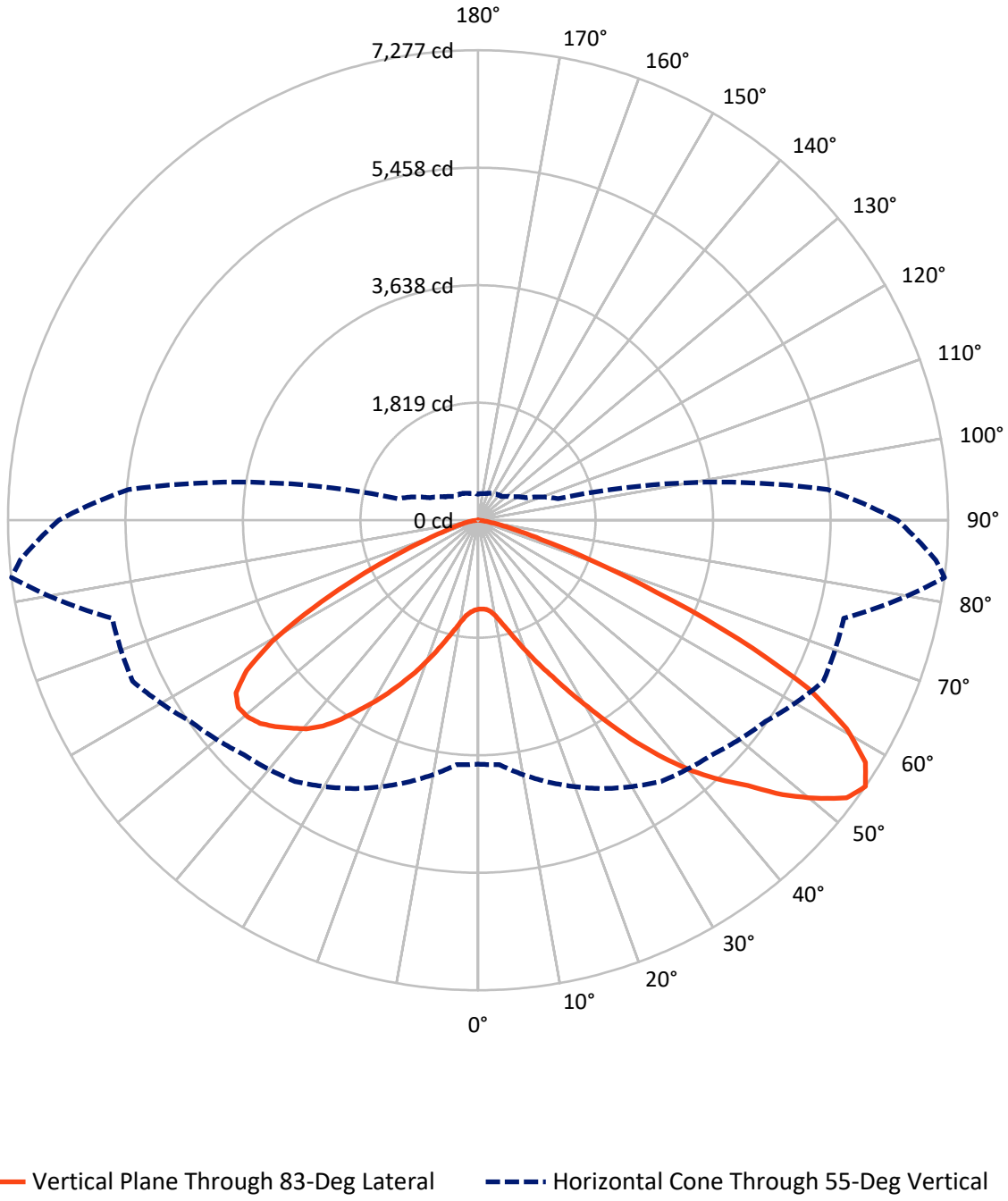
Based on 20 foot mounting height. Maximum calculated value = 5.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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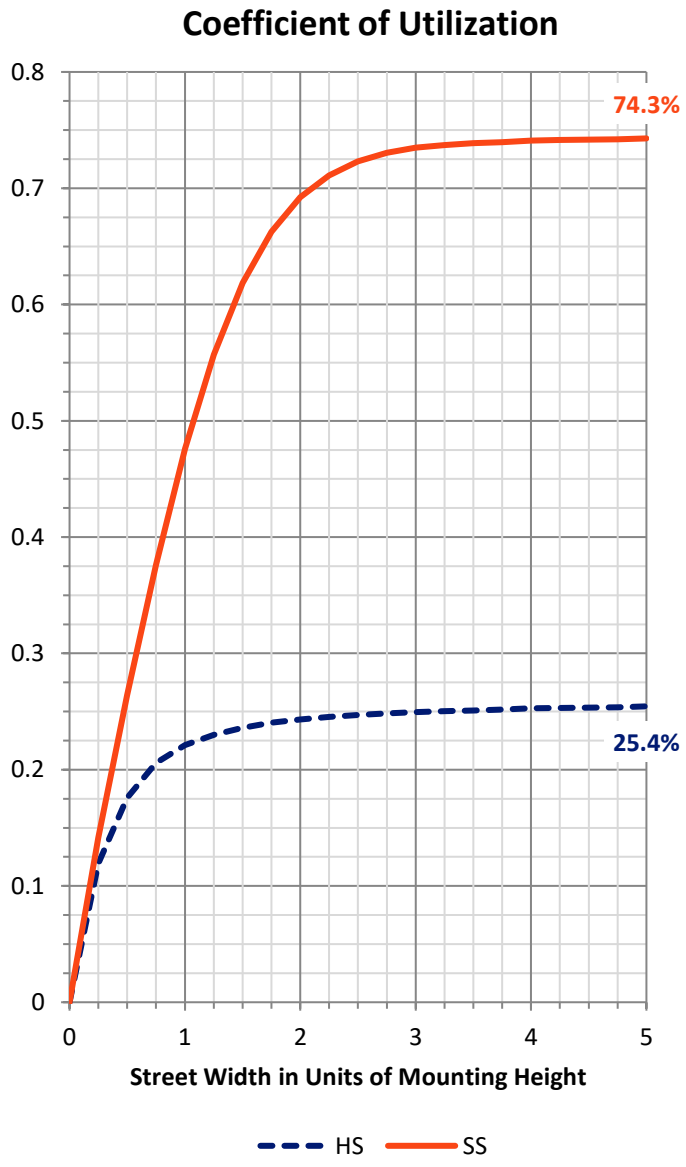
REPORT NUMBER: P1501117
CATALOG NUMBER: GSS-SB3A-827-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2855.1	0.0	2855.1
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	8270.6	0.0	8270.6
	% Fixture	74.3	0.0	74.3
Total	Lumens	11125.7	0.0	11125.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.1	1.2
10°-20°	433.5	3.9
20°-30°	867.9	7.8
30°-40°	1544.1	13.9
40°-50°	2326.9	20.9
50°-60°	2835.5	25.5
60°-70°	2292.9	20.6
70°-80°	628.0	5.6
80°-90°	64.0	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°	11125.7	100.0
0°-180°	11125.7	100.0



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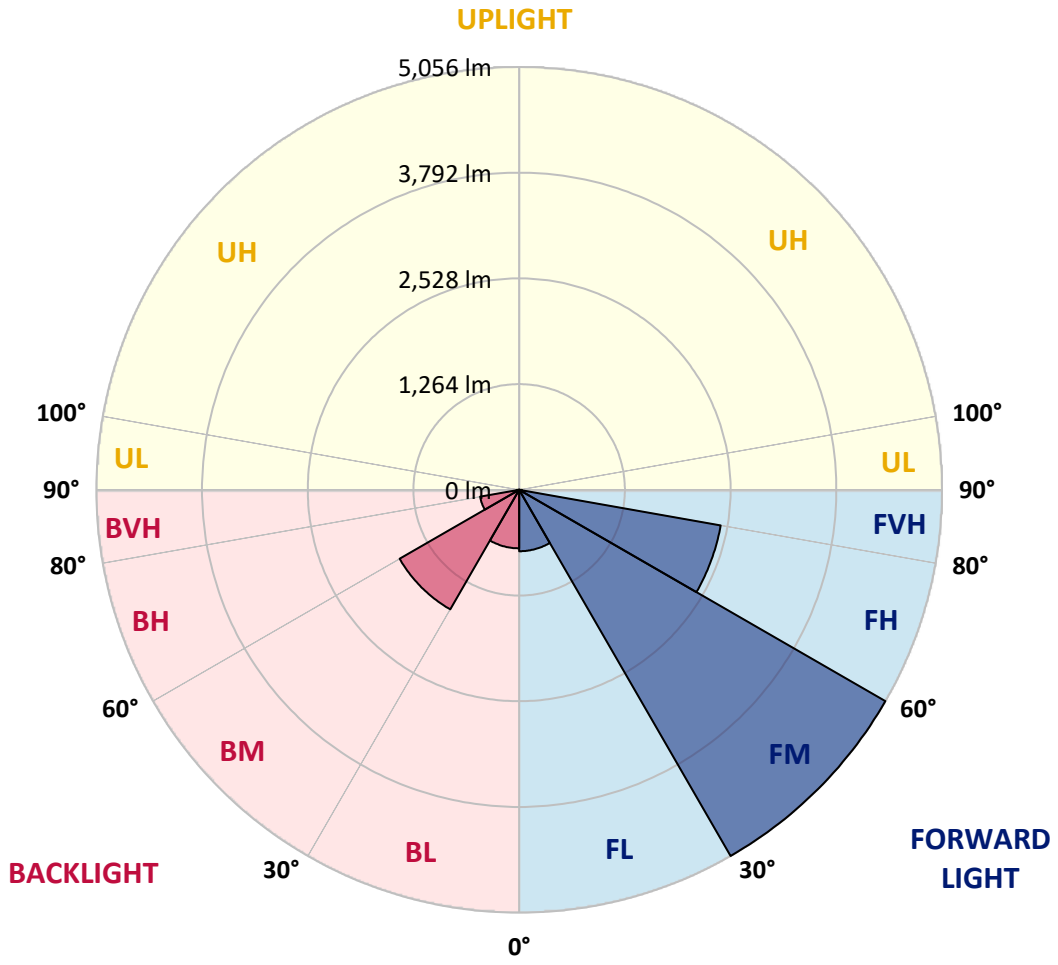
Scaled Data Report

REPORT NUMBER: P1501117
CATALOG NUMBER: GSS-SB3A-827-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	734.6	6.6			
FM	(30°-60°)	5055.9	45.4			
FH	(60°-80°)	2446.8	22.0			G2/5000
FVH	(80°-90°)	33.3	0.3			G1/100
BL	(0°-30°)	699.9	6.3	B2/1000		
BM	(30°-60°)	1650.6	14.8	B2/2500		
BH	(60°-80°)	474.0	4.3	B1/500		G1/500
BVH	(80°-90°)	30.6	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: P1501117
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3	*1377.3*	1377.3
2.5°	1337.7	1335.2	1332.7	1330.3	1335.2	1342.6	1350.1	1355.0	1367.4	*1377.3*	1372.3
5°	1231.4	1226.4	1231.4	1251.1	1268.5	1298.1	1327.8	1347.6	1374.8	*1387.1*	1392.1
7.5°	1137.4	1132.5	1137.4	1162.1	1191.8	1238.8	1300.6	1350.1	1399.5	*1429.2*	1434.1
10°	1137.4	1139.9	1139.9	1149.8	1164.6	1211.6	1285.8	1379.7	1466.3	*1508.3*	1518.2
12.5°	1174.5	1174.5	1174.5	1186.9	1196.7	1233.8	1317.9	1434.1	1572.6	*1634.4*	1641.8
15°	1223.9	1221.5	1228.9	1236.3	1253.6	1290.7	1374.8	1513.2	1688.8	*1782.8*	1792.7
17.5°	1293.2	1288.2	1295.7	1313.0	1337.7	1379.7	1463.8	1622.0	1849.5	*1968.2*	1983.0
20°	1369.8	1367.4	1382.2	1409.4	1444.0	1495.9	1592.4	1753.1	2032.5	*2183.3*	2210.5
22.5°	1461.3	1456.4	1483.6	1533.0	1580.0	1639.3	1755.6	1923.7	2242.7	*2423.2*	2450.4
25°	1565.2	1565.2	1602.3	1661.6	1733.3	1839.6	1955.8	2141.3	2489.9	*2682.8*	2724.8
27.5°	1735.8	1748.1	1763.0	1824.8	1926.2	2069.6	2193.2	2403.4	2759.4	*3001.8*	3016.6
30°	2012.7	2007.8	2032.5	2074.5	2158.6	2309.4	2494.9	2719.9	3100.7	*3355.4*	3392.4
32.5°	2262.5	2269.9	2304.5	2383.6	2485.0	2613.6	2836.1	3113.0	3471.6	*3765.8*	3783.1
35°	2514.7	2519.6	2586.4	2705.1	2855.9	2999.3	3241.6	3513.6	3874.6	*4223.2*	4270.2
37.5°	2868.2	2863.3	2930.1	3031.4	3234.2	3456.7	3652.1	3911.7	4260.3	*4668.3*	4722.7
40°	3132.8	3160.0	3286.1	3414.7	3605.1	3835.0	4000.7	4245.5	4576.8	*5103.5*	5152.9
42.5°	3404.8	3427.1	3595.2	3788.1	3988.3	4144.1	4272.7	4500.2	4829.0	*5489.2*	5516.4
45°	3629.8	3659.5	3852.3	4097.1	4304.8	4463.1	4507.6	4720.2	5086.2	*5860.1*	5902.2
47.5°	3773.2	3805.4	4032.8	4319.7	4532.3	4700.5	4685.6	4984.8	5360.6	*6352.2*	6337.3
50°	3872.1	3891.9	4139.2	4445.8	4722.7	4834.0	4898.3	5284.0	5642.5	*6765.1*	6710.7
52.5°	3943.8	3976.0	4201.0	4537.3	4829.0	4974.9	5148.0	5630.2	5837.9	*7143.4*	7022.3
55°	*3775.7*	*3800.4*	*4196.0*	*4584.2*	*4937.8*	*5130.7*	*5432.4*	*5899.7*	*5862.6*	*7276.9*	*7113.7*
57.5°	3602.6	3622.4	3988.3	4571.9	5056.5	5323.6	5756.3	5934.3	5642.5	*7071.7*	6866.5
60°	3385.0	3399.9	3765.8	4440.8	5059.0	5474.4	5921.9	5682.1	5234.5	*6554.9*	6359.6
62.5°	2984.5	2984.5	3387.5	4087.2	4935.4	5551.0	5877.4	5204.9	4688.1	*5741.4*	5471.9
65°	2588.8	2571.5	2843.5	3456.7	4606.5	5531.3	5543.6	4601.6	3840.0	*4428.5*	4218.3
67.5°	2158.6	2161.1	2321.8	2806.4	3731.2	5118.3	4838.9	3555.6	2675.4	*2982.0*	2873.2
70°	1461.3	1498.4	1661.6	2037.4	2813.8	3627.3	3852.3	2408.3	1669.0	*1852.0*	1763.0
72.5°	556.3	563.8	754.2	1068.2	1777.8	2180.9	2687.7	1347.6	976.7	*1021.2*	1026.1
75°	234.9	244.8	321.4	450.0	788.8	1189.3	1414.3	682.4	593.4	*610.7*	605.8
77.5°	158.2	163.2	195.3	242.3	356.1	477.2	591.0	385.7	363.5	*341.2*	331.3
80°	118.7	118.7	140.9	163.2	200.3	244.8	257.2	195.3	217.6	*180.5*	175.6
82.5°	76.7	81.6	89.0	96.4	113.7	121.2	103.9	106.3	126.1	*94.0*	89.0
85°	37.1	39.6	42.0	44.5	44.5	42.0	37.1	47.0	64.3	*39.6*	37.1
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	2.5	2.5	2.5	*2.5*	2.5
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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REPORT NUMBER: P1501117
CATALOG NUMBER: GSS-SB3A-827-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3	1377.3
2.5°	1379.7	1389.6	1397.0	1402.0	1414.3	1411.9	1419.3	1424.2	1429.2	1436.6	1426.7
5°	1404.5	1421.8	1441.5	1456.4	1471.2	1478.6	1481.1	1486.0	1488.5	1493.5	1491.0
7.5°	1458.8	1478.6	1508.3	1523.1	1535.5	1535.5	1528.1	1525.6	1518.2	1523.1	1523.1
10°	1550.3	1580.0	1612.2	1614.6	1599.8	1582.5	1555.3	1540.4	1520.7	1515.7	1510.8
12.5°	1683.9	1723.4	1748.1	1730.8	1678.9	1614.6	1542.9	1476.2	1424.2	1402.0	1397.0
15°	1834.7	1884.1	1889.1	1839.6	1745.7	1589.9	1439.1	1364.9	1337.7	1337.7	1335.2
17.5°	2042.4	2077.0	2057.2	1938.5	1728.4	1473.7	1364.9	1352.5	1359.9	1369.8	1369.8
20°	2260.0	2299.5	2217.9	2007.8	1622.0	1404.5	1372.3	1382.2	1399.5	1409.4	1406.9
22.5°	2519.6	2539.4	2381.1	2010.2	1508.3	1387.1	1387.1	1399.5	1411.9	1426.7	1426.7
25°	2786.6	2779.2	2532.0	1918.8	1444.0	1382.2	1377.3	1387.1	1392.1	1399.5	1397.0
27.5°	3085.8	3046.3	2648.2	1772.9	1424.2	1367.4	1342.6	1332.7	1337.7	1345.1	1347.6
30°	3429.5	3335.6	2742.1	1681.4	1416.8	1332.7	1273.4	1246.2	1241.3	1251.1	1251.1
32.5°	3827.6	3624.9	2799.0	1669.0	1409.4	1270.9	1191.8	1139.9	1130.0	1134.9	1147.3
35°	4235.6	3973.5	2784.2	1701.2	1411.9	1221.5	1105.3	1036.0	1026.1	1031.1	1043.4
37.5°	4663.4	4304.8	2727.3	1750.6	1392.1	1154.7	1026.1	942.1	927.2	937.1	942.1
40°	4994.7	4584.2	2586.4	1770.4	1357.5	1070.6	934.7	862.9	823.4	820.9	833.3
42.5°	5301.3	4804.3	2433.1	1738.3	1285.8	981.6	840.7	769.0	707.2	660.2	660.2
45°	5607.9	5026.8	2277.3	1646.8	1167.1	887.7	741.8	645.4	573.6	539.0	541.5
47.5°	5914.5	5242.0	2091.8	1508.3	1048.4	788.8	635.5	558.8	509.4	482.2	482.2
50°	6198.9	5397.7	1854.5	1288.2	912.4	689.9	561.3	516.8	479.7	455.0	450.0
52.5°	6448.6	5501.6	1533.0	1021.2	764.0	578.6	521.7	487.1	459.9	432.7	425.3
55°	*6493.1*	*5432.4*	*1283.3*	*820.9*	*630.5*	*519.3*	*492.1*	*462.4*	*425.3*	*412.9*	*405.5*
57.5°	6218.6	5066.4	1083.0	692.3	539.0	477.2	467.3	432.7	403.0	390.7	383.3
60°	5751.3	4401.3	895.1	593.4	479.7	437.7	450.0	415.4	368.4	361.0	353.6
62.5°	4910.6	3434.5	714.6	499.5	435.2	408.0	420.3	370.9	331.3	321.4	319.0
65°	3817.7	2457.8	600.8	440.1	400.6	378.3	373.4	328.9	299.2	291.8	291.8
67.5°	2665.5	1562.7	501.9	403.0	356.1	341.2	338.7	309.1	289.3	281.9	281.9
70°	1631.9	947.0	422.8	368.4	314.0	286.8	304.1	299.2	269.5	262.1	259.6
72.5°	848.1	566.2	370.9	338.7	264.6	244.8	272.0	274.5	249.7	259.6	257.2
75°	492.1	393.1	323.9	299.2	210.2	205.2	237.4	262.1	242.3	249.7	244.8
77.5°	281.9	252.2	249.7	244.8	165.7	168.1	212.6	234.9	207.7	215.1	197.8
80°	155.8	163.2	173.1	153.3	116.2	131.0	170.6	187.9	158.2	155.8	143.4
82.5°	81.6	101.4	116.2	98.9	66.8	79.1	116.2	116.2	101.4	96.4	94.0
85°	37.1	42.0	54.4	49.5	24.7	29.7	54.4	59.3	51.9	47.0	44.5
87.5°	2.5	2.5	2.5	2.5	2.5	2.5	4.9	7.4	2.5	2.5	2.5
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

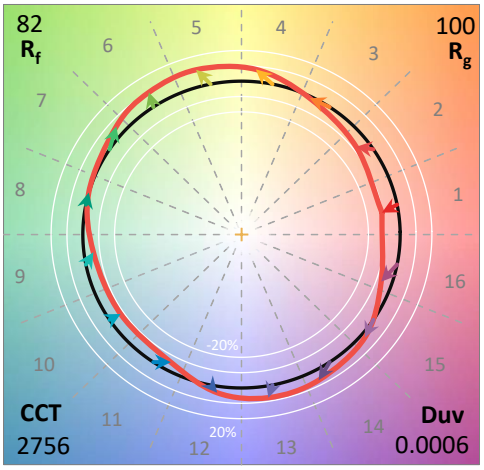
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

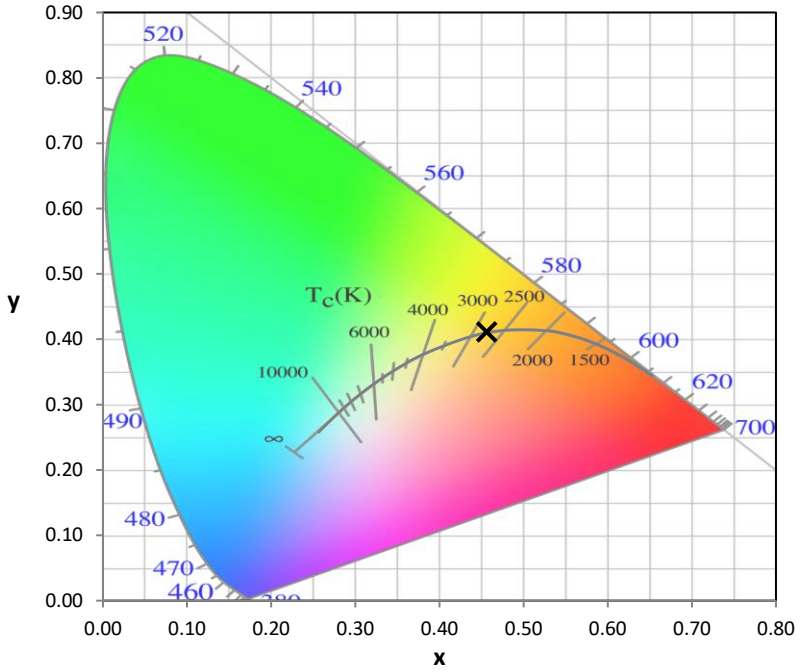
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

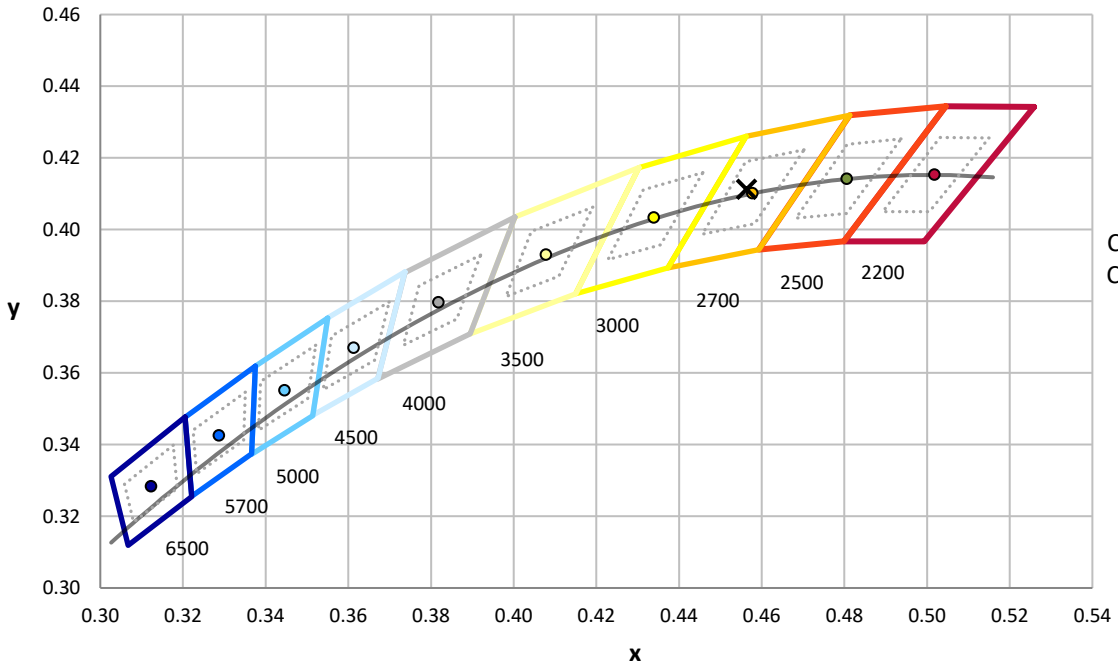
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

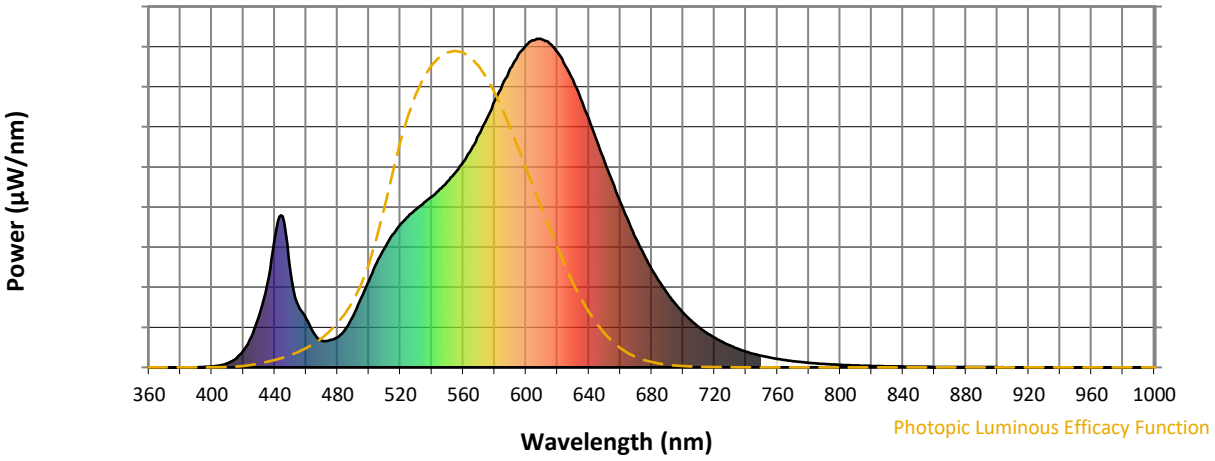


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

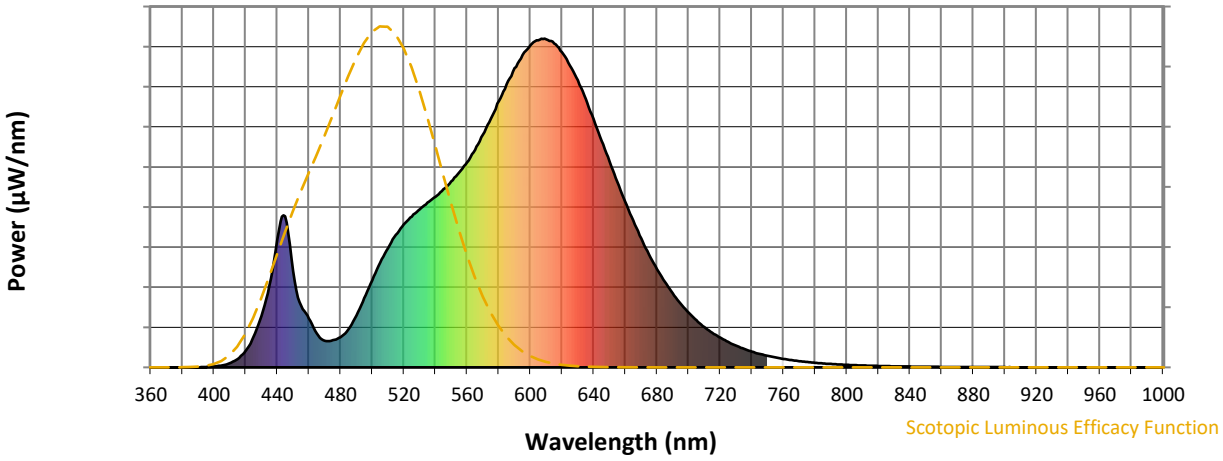


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

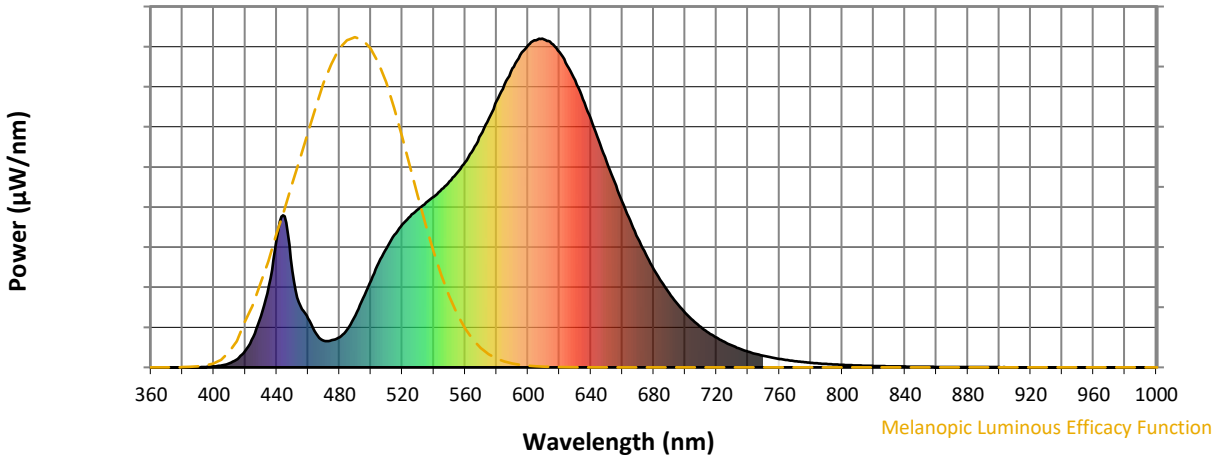


Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

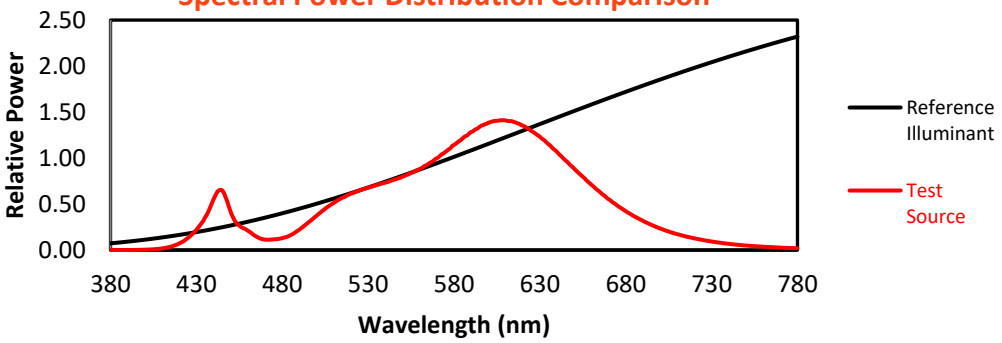
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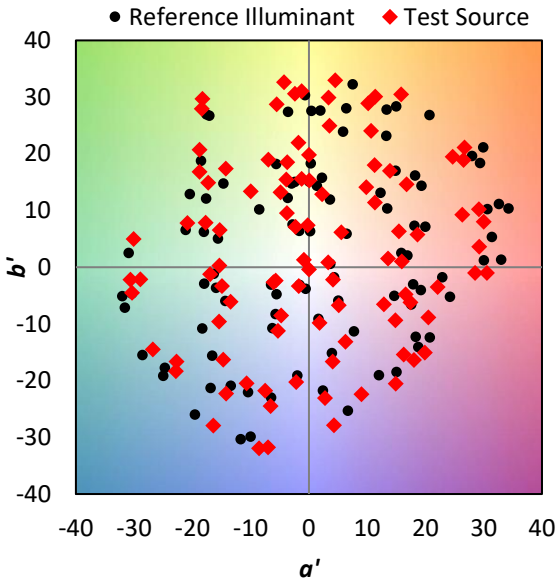
Summary

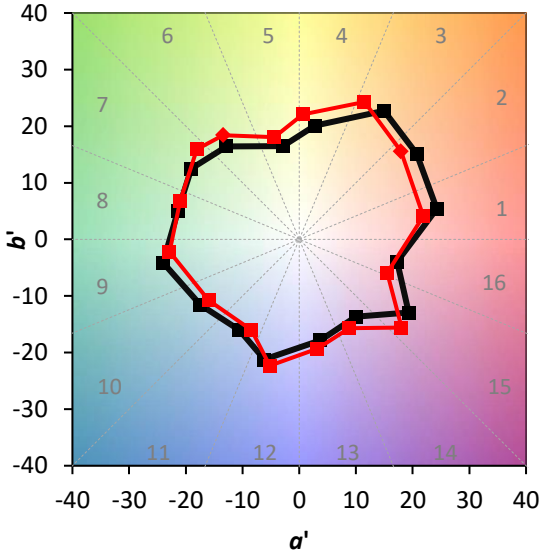
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

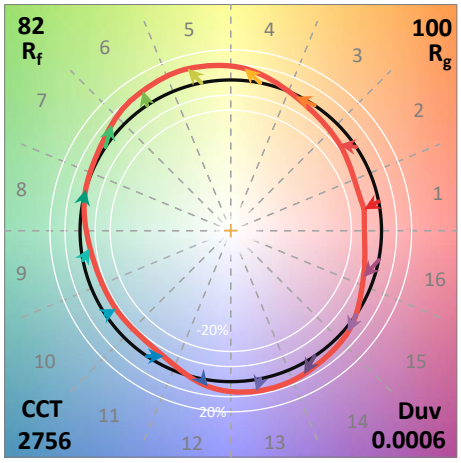
Spectral Power Distribution Comparison

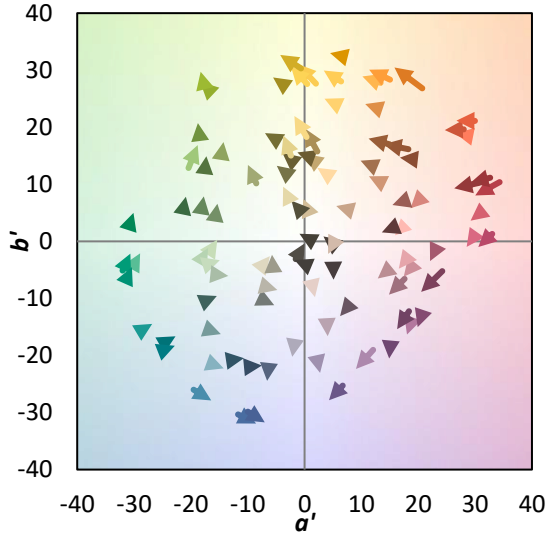


Color Vector Graphics







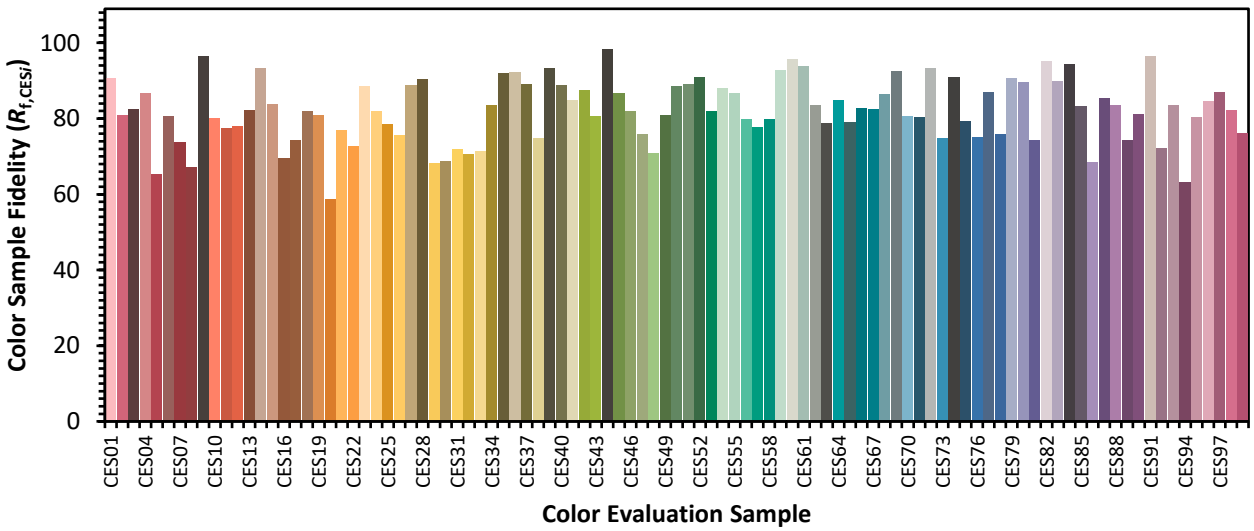


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Individual Sample Fidelity Index ($R_{f,i}$)

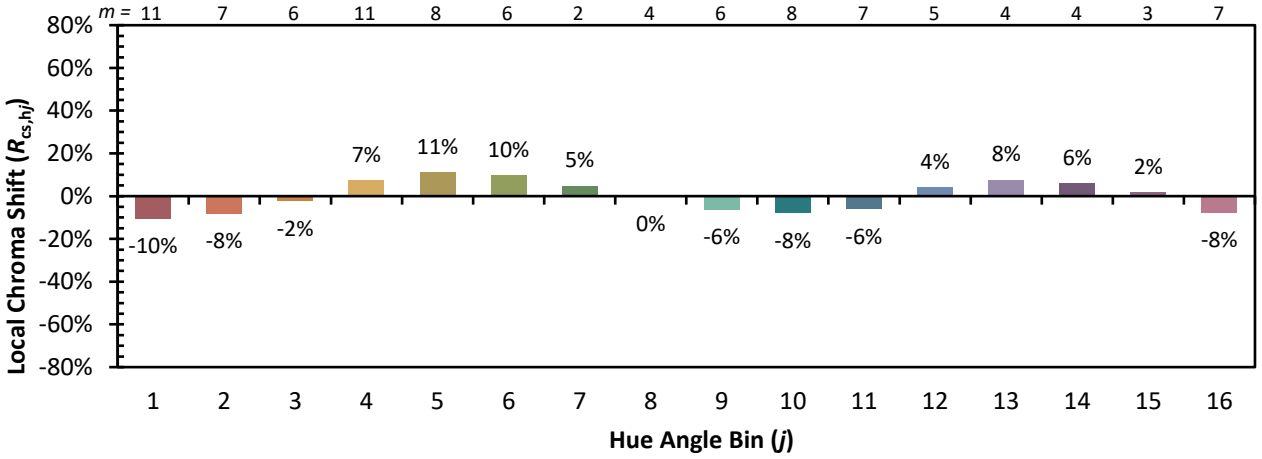
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

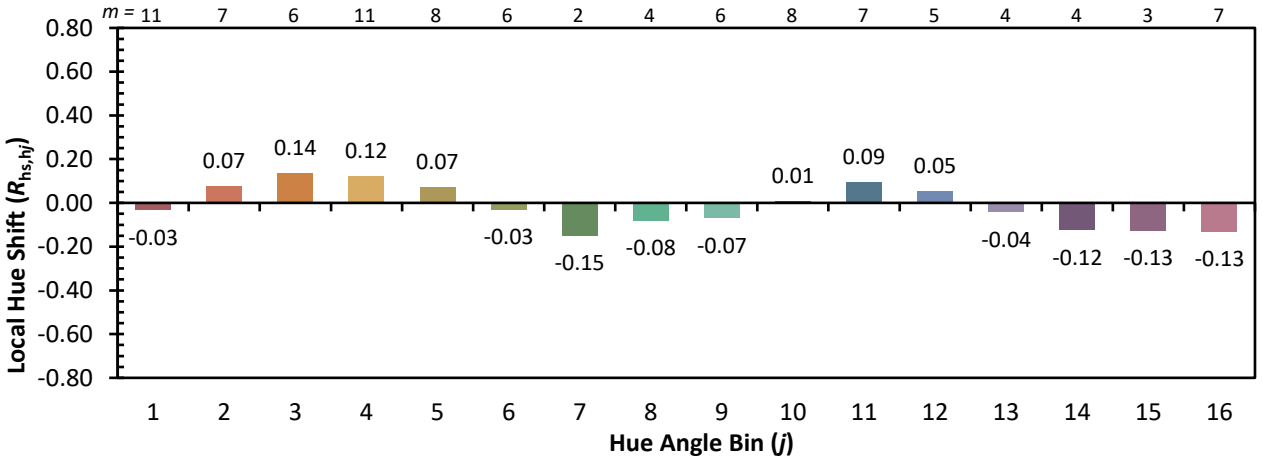


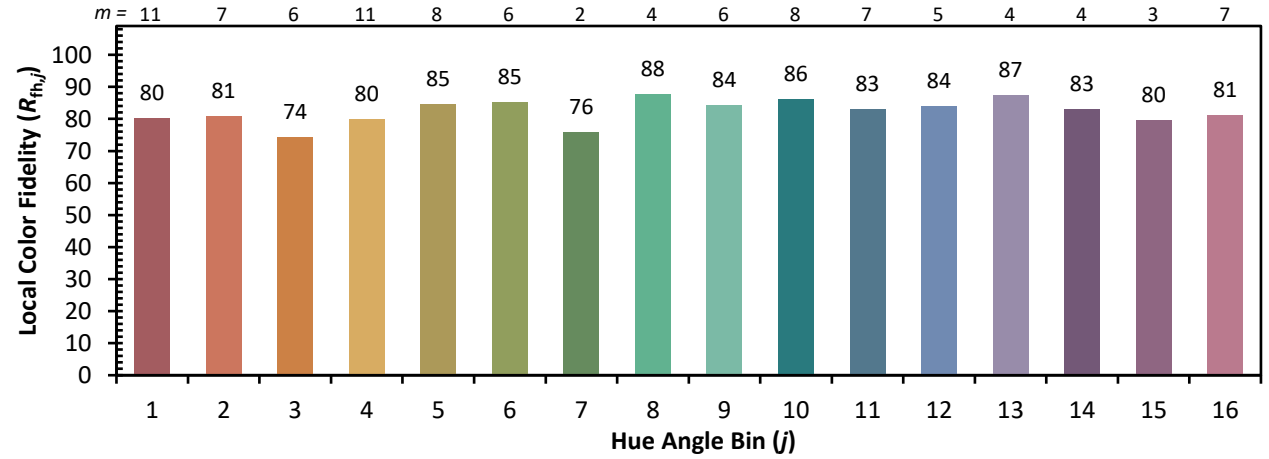
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Color Rendition by Hue-Angle Bin



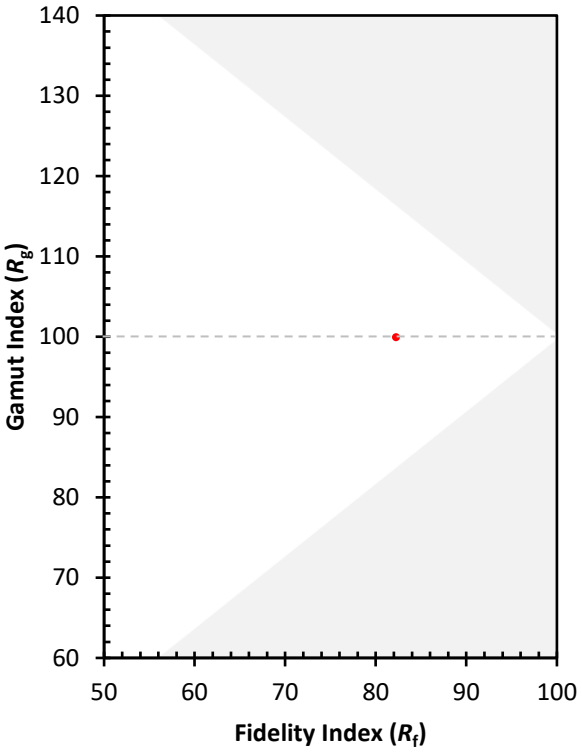


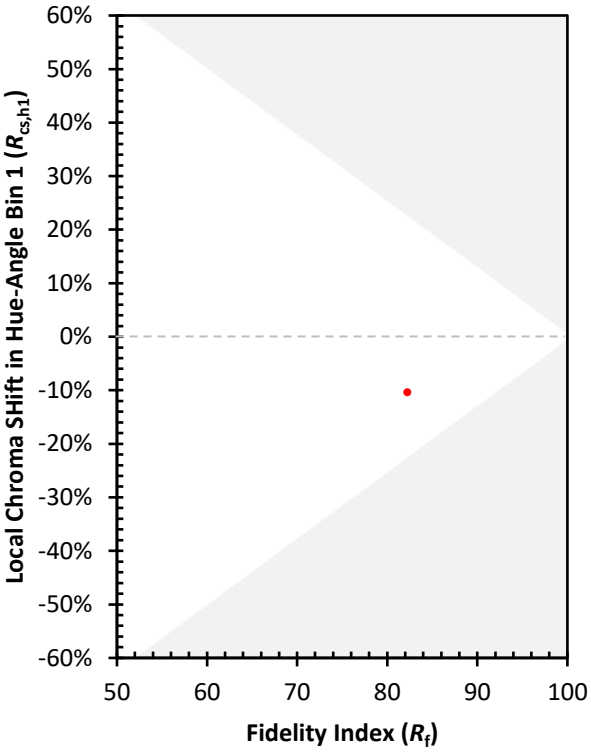


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Measure Comparisons





(END OF REPORT)