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: P1500734

Luminaire Tested: GSS-SB3B-827-U-T4LG

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:	P1500734
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-827-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13760.6 lumens
Efficiency:	N/A
Efficacy:	126.2 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

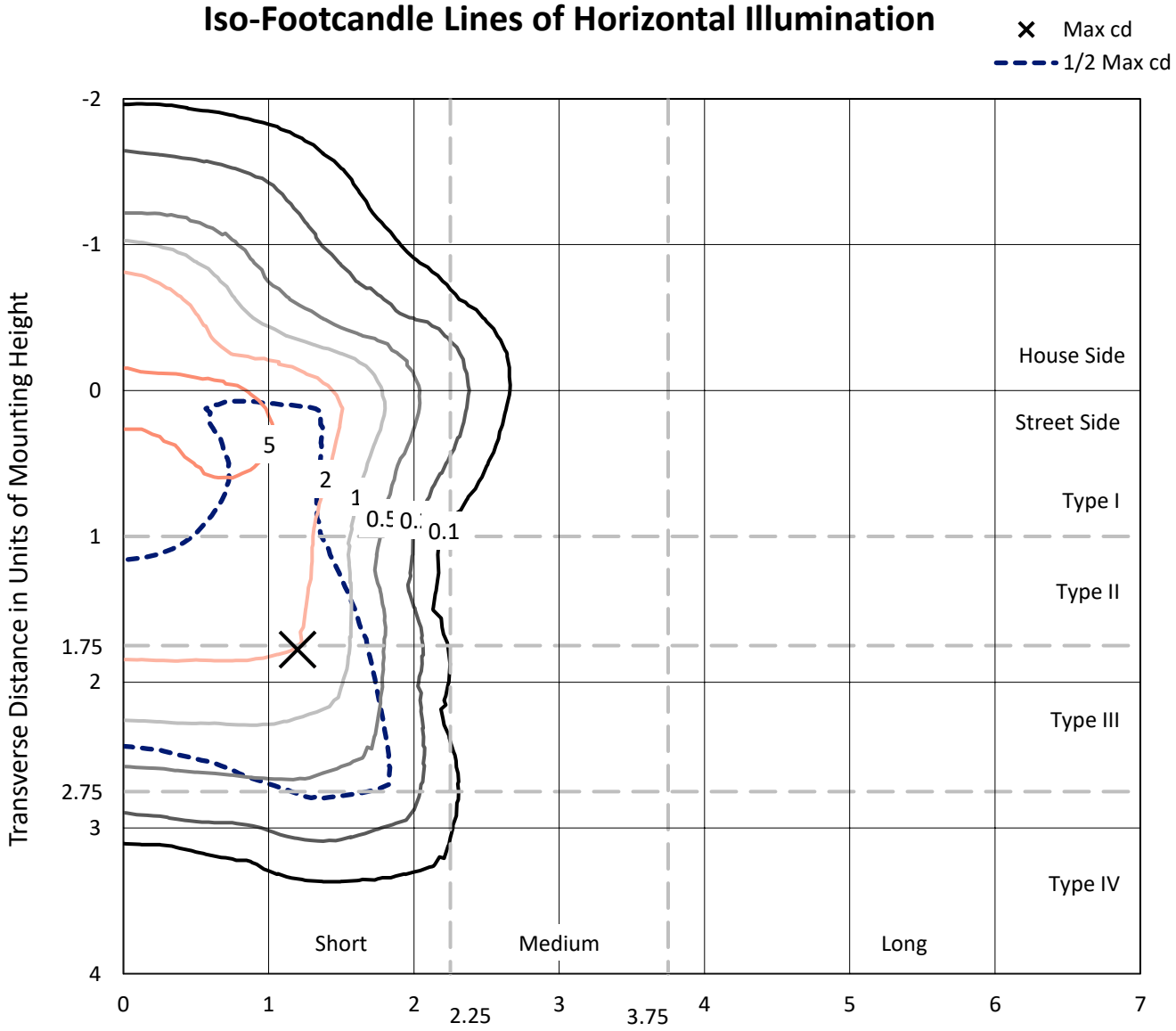
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500734
CATALOG NUMBER: GSS-SB3B-827-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



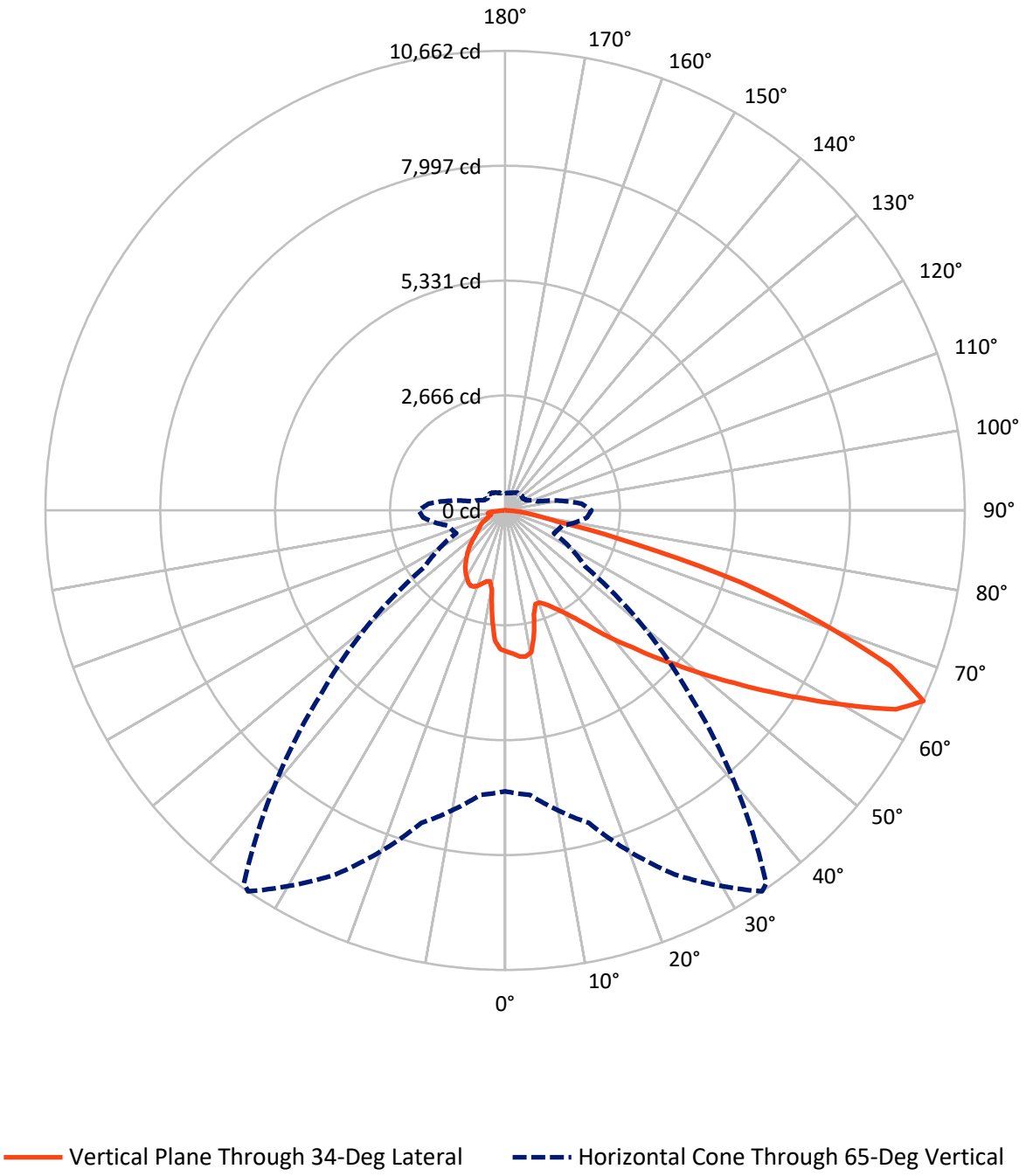
Based on 20 foot mounting height. Maximum calculated value = 8.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1500734
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Luminous Intensity Polar Plot



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Scaled Data Report

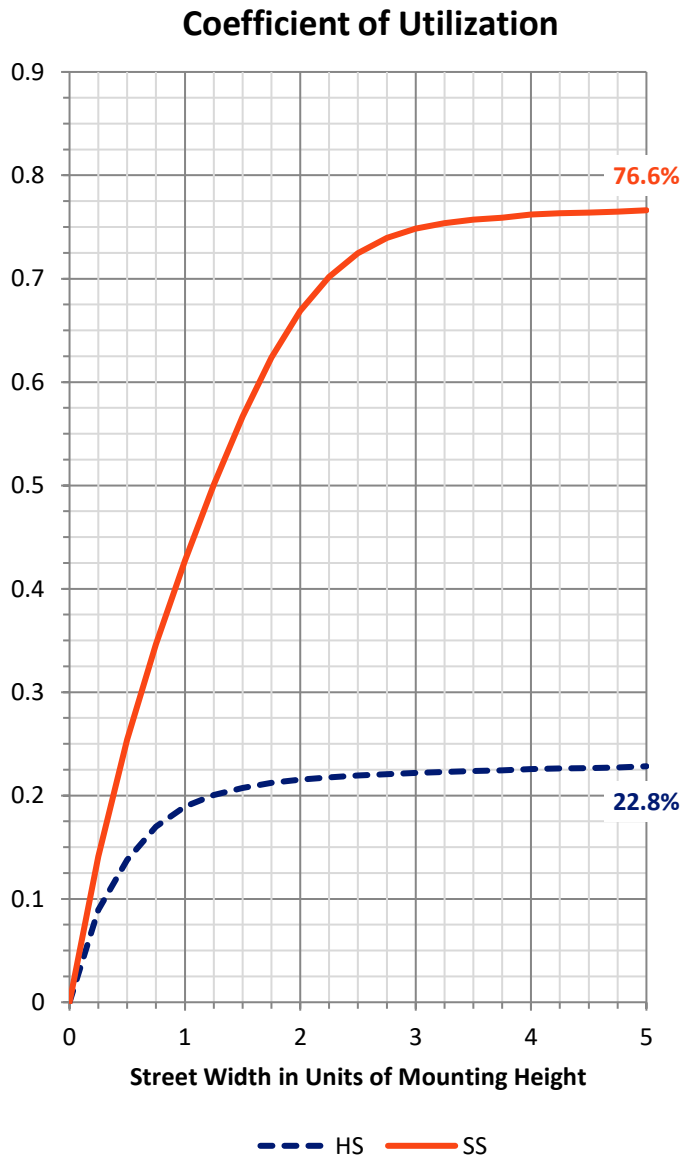
REPORT NUMBER: P1500734
CATALOG NUMBER: GSS-SB3B-827-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3201.5	0.0	3201.5
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	10559.1	0.0	10559.1
	% Fixture	76.7	0.0	76.7
Total	Lumens	13760.6	0.0	13760.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	294.9	2.1
10°-20°	742.3	5.4
20°-30°	1230.5	8.9
30°-40°	1850.6	13.4
40°-50°	2592.6	18.8
50°-60°	3268.9	23.8
60°-70°	2811.5	20.4
70°-80°	835.9	6.1
80°-90°	133.4	1.0
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°	13760.6	100.0
0°-180°	13760.6	100.0



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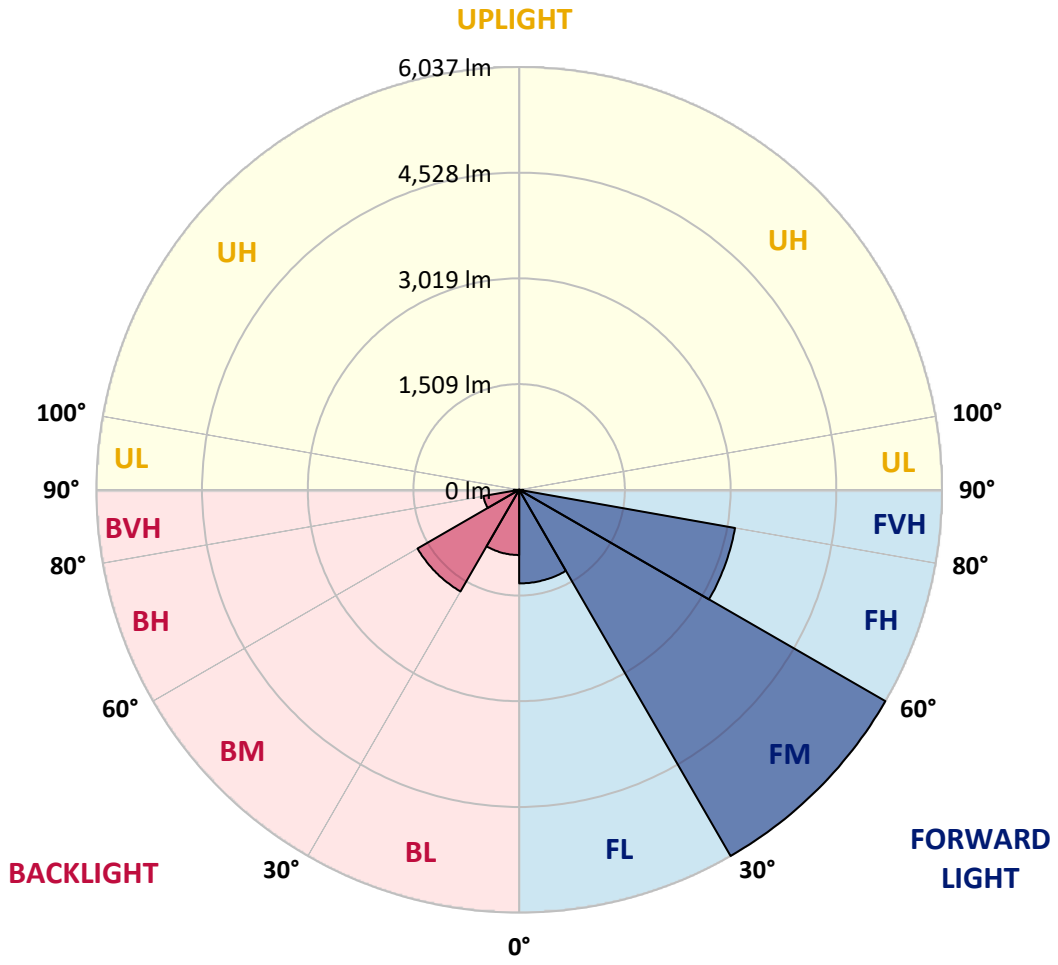
Scaled Data Report

REPORT NUMBER: P1500734
CATALOG NUMBER: GSS-SB3B-827-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1336.3	9.7			
FM	(30°-60°)	6037.2	43.9			
FH	(60°-80°)	3129.2	22.7			G2/5000
FVH	(80°-90°)	56.4	0.4			G1/100
BL	(0°-30°)	931.5	6.8	B2/1000		
BM	(30°-60°)	1674.9	12.2	B2/2500		
BH	(60°-80°)	518.1	3.8	B2/1000		G2/1000
BVH	(80°-90°)	76.9	0.6			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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6
2.5°	3334.0	3352.6	3330.8	3321.5	3324.6	3327.7	3312.1	3315.3	3296.6	3296.6	3281.0
5°	3405.6	3408.7	3396.3	3405.6	3402.5	3399.4	3399.4	3396.3	3355.8	3346.4	3330.8
7.5°	3365.1	3377.6	3383.8	3418.1	3427.4	3446.1	3458.6	3464.8	3433.7	3408.7	3368.2
10°	2994.3	3003.7	3075.3	3231.1	3349.5	3371.3	3486.6	3552.1	3530.3	3517.8	3449.2
12.5°	2393.0	2408.5	2489.6	2692.1	2969.4	3028.6	3396.3	3617.5	3667.3	3670.5	3570.8
15°	2134.4	2134.4	2159.3	2274.6	2498.9	2545.6	3087.8	3636.2	3813.8	3835.6	3714.1
17.5°	2081.4	2078.3	2093.8	2162.4	2280.8	2308.8	2732.6	3539.6	3988.3	4025.7	3869.9
20°	2078.3	2068.9	2100.1	2178.0	2280.8	2305.7	2567.5	3371.3	4125.4	4243.8	4025.7
22.5°	2081.4	2081.4	2125.0	2237.2	2355.6	2377.4	2598.6	3231.1	4237.5	4471.2	4190.8
25°	2115.7	2109.4	2171.7	2308.8	2470.9	2486.4	2726.4	3224.9	4334.1	4726.7	4390.2
27.5°	2171.7	2174.9	2259.0	2424.1	2608.0	2639.1	2904.0	3358.9	4452.5	5007.2	4583.4
30°	2290.1	2293.3	2393.0	2561.2	2773.1	2813.6	3109.6	3558.3	4620.8	5309.4	4792.2
32.5°	2424.1	2439.7	2561.2	2757.5	2985.0	3006.8	3362.0	3857.4	4873.2	5611.6	5016.5
35°	2648.5	2664.0	2801.1	3006.8	3259.2	3290.3	3670.5	4203.3	5181.6	5917.0	5191.0
37.5°	2938.2	2950.7	3084.7	3334.0	3601.9	3633.1	4013.2	4570.9	5493.2	6160.0	5346.8
40°	3284.1	3312.1	3455.5	3698.5	3969.6	3988.3	4387.1	4926.1	5829.7	6328.3	5409.1
42.5°	3661.1	3689.2	3835.6	4103.6	4352.8	4408.9	4792.2	5303.2	6103.9	6403.1	5359.2
45°	4144.1	4137.8	4274.9	4555.4	4848.3	4870.1	5225.3	5614.7	6269.1	6340.7	5309.4
47.5°	4729.8	4736.1	4823.3	5050.8	5353.0	5402.9	5677.1	5882.7	6365.7	6290.9	5253.3
50°	5390.4	5406.0	5480.8	5645.9	5970.0	6004.2	6085.2	6069.7	6424.9	6184.9	5275.1
52.5°	6051.0	6060.3	6160.0	6334.5	6649.2	6674.1	6496.5	6213.0	6203.6	5758.1	5228.4
55°	6593.1	6590.0	6767.6	7035.6	7418.8	7403.2	6901.6	6103.9	5511.9	5094.4	5019.6
57.5°	7063.6	7082.3	7312.9	7777.1	8260.1	8247.6	7334.7	5527.5	4502.4	4309.2	4680.0
60°	7487.4	7531.0	7964.1	8658.9	9191.7	9117.0	7412.6	4658.2	3502.2	3374.5	4007.0
62.5°	7303.5	7384.5	8079.4	9434.8	10167.0	10001.9	6932.8	3608.1	2371.2	2255.9	2832.3
65°	6518.3	6627.4	7509.2	9322.6	10662.4	10559.6	6060.3	2268.3	1249.5	1371.0	1906.9
67.5°	5474.5	5605.4	6558.8	8375.4	9646.6	9425.4	4708.0	1193.4	582.7	903.6	1184.0
70°	3000.6	3324.6	4742.3	7122.8	7727.3	7418.8	2723.2	564.0	423.8	564.0	707.3
72.5°	1127.9	1205.8	2056.5	4789.1	5723.8	5343.7	1034.5	364.6	355.2	417.5	511.0
75°	542.2	579.5	894.2	2178.0	3125.2	2913.3	507.9	271.1	305.4	327.2	370.8
77.5°	324.0	349.0	557.7	1265.0	1230.8	1131.1	311.6	208.8	246.2	233.7	218.1
80°	193.2	215.0	339.6	719.8	741.6	657.4	190.1	146.4	171.4	149.6	134.0
82.5°	112.2	121.5	177.6	324.0	470.5	433.1	109.1	87.2	124.6	99.7	74.8
85°	56.1	59.2	81.0	140.2	233.7	177.6	46.7	40.5	59.2	43.6	24.9
87.5°	12.5	12.5	12.5	15.6	21.8	21.8	6.2	3.1	3.1	3.1	3.1
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: P1500734
CATALOG NUMBER: GSS-SB3B-827-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6	3271.6
2.5°	3277.9	3284.1	3262.3	3237.4	3231.1	3212.4	3218.7	3206.2	3187.5	3190.6	3193.7
5°	3309.0	3296.6	3252.9	3196.9	3147.0	3090.9	3025.5	2950.7	2897.7	2875.9	2894.6
7.5°	3337.1	3324.6	3249.8	3125.2	2956.9	2723.2	2480.2	2259.0	2106.3	2050.2	2062.7
10°	3415.0	3365.1	3228.0	2956.9	2555.0	2112.5	1866.4	1729.3	1682.6	1657.6	1660.7
12.5°	3517.8	3449.2	3187.5	2664.0	2056.5	1776.0	1688.8	1657.6	1642.0	1635.8	1642.0
15°	3642.4	3536.5	3090.9	2296.4	1825.9	1716.8	1698.1	1701.3	1701.3	1704.4	1704.4
17.5°	3751.5	3586.3	2916.4	2031.5	1779.1	1748.0	1766.7	1782.3	1782.3	1785.4	1782.3
20°	3851.2	3611.3	2692.1	1919.4	1788.5	1804.1	1847.7	1863.3	1866.4	1863.3	1863.3
22.5°	3957.1	3626.8	2467.7	1857.0	1810.3	1857.0	1903.8	1925.6	1931.8	1934.9	1938.1
25°	4059.9	3595.7	2283.9	1807.2	1801.0	1866.4	1919.4	1947.4	1953.6	1953.6	1956.7
27.5°	4162.8	3586.3	2159.3	1741.8	1757.3	1810.3	1872.6	1910.0	1934.9	1938.1	1941.2
30°	4281.2	3558.3	2040.9	1654.5	1660.7	1726.2	1791.6	1857.0	1906.9	1928.7	1928.7
32.5°	4362.2	3530.3	1934.9	1561.0	1561.0	1629.6	1710.6	1791.6	1863.3	1906.9	1916.2
35°	4440.1	3505.3	1841.5	1467.6	1470.7	1536.1	1620.2	1707.5	1797.8	1850.8	1875.7
37.5°	4480.6	3480.4	1776.0	1395.9	1383.4	1452.0	1508.1	1579.7	1676.3	1763.6	1785.4
40°	4489.9	3480.4	1769.8	1346.0	1293.1	1371.0	1395.9	1445.8	1533.0	1626.5	1660.7
42.5°	4427.6	3446.1	1801.0	1314.9	1199.6	1255.7	1283.7	1308.7	1364.7	1442.6	1470.7
45°	4352.8	3399.4	1829.0	1271.3	1084.3	1127.9	1171.6	1174.7	1199.6	1218.3	1237.0
47.5°	4290.5	3349.5	1779.1	1190.3	965.9	997.1	1043.8	1043.8	1031.3	994.0	981.5
50°	4340.4	3365.1	1695.0	1075.0	856.9	878.7	928.5	900.5	872.4	794.5	785.2
52.5°	4384.0	3424.3	1595.3	962.8	763.4	785.2	835.0	791.4	735.3	673.0	663.7
55°	4312.3	3427.4	1411.5	838.2	697.9	716.6	763.4	710.4	657.4	620.1	613.8
57.5°	4097.3	3334.0	1218.3	741.6	641.9	660.6	704.2	651.2	601.4	598.2	613.8
60°	3623.7	3006.8	1040.7	679.3	588.9	610.7	654.3	598.2	532.8	504.8	514.1
62.5°	2735.7	2312.0	891.1	607.6	539.0	567.1	598.2	507.9	451.8	439.3	426.9
65°	*2000.4*	*1776.0*	*800.8*	*551.5*	*492.3*	*526.6*	*501.7*	*451.8*	*414.4*	*401.9*	*395.7*
67.5°	1293.1	1205.8	688.6	498.5	448.7	476.7	442.4	417.5	377.0	370.8	380.1
70°	791.4	819.5	576.4	439.3	405.1	398.8	405.1	380.1	336.5	345.9	358.3
72.5°	560.9	604.5	495.4	383.2	345.9	333.4	361.4	345.9	314.7	324.0	336.5
75°	401.9	448.7	408.2	314.7	292.9	286.7	336.5	345.9	324.0	330.3	339.6
77.5°	236.8	286.7	289.8	243.0	221.2	255.5	358.3	398.8	383.2	364.6	355.2
80°	152.7	171.4	205.6	155.8	155.8	221.2	392.6	486.1	417.5	370.8	364.6
82.5°	77.9	90.4	134.0	99.7	93.5	165.1	386.4	464.3	461.1	411.3	401.9
85°	21.8	28.0	62.3	43.6	37.4	87.2	289.8	349.0	311.6	227.5	230.6
87.5°	3.1	3.1	0.0	0.0	3.1	12.5	34.3	6.2	6.2	6.2	6.2
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

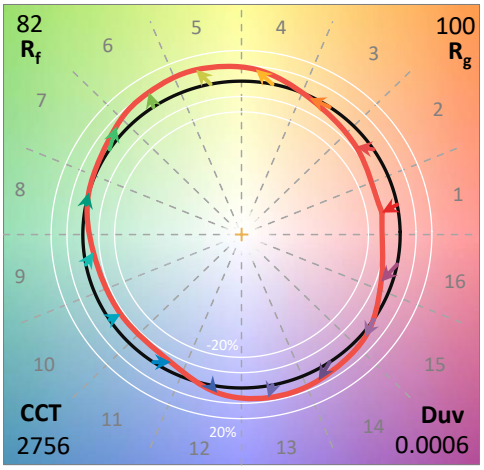
Test Information

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

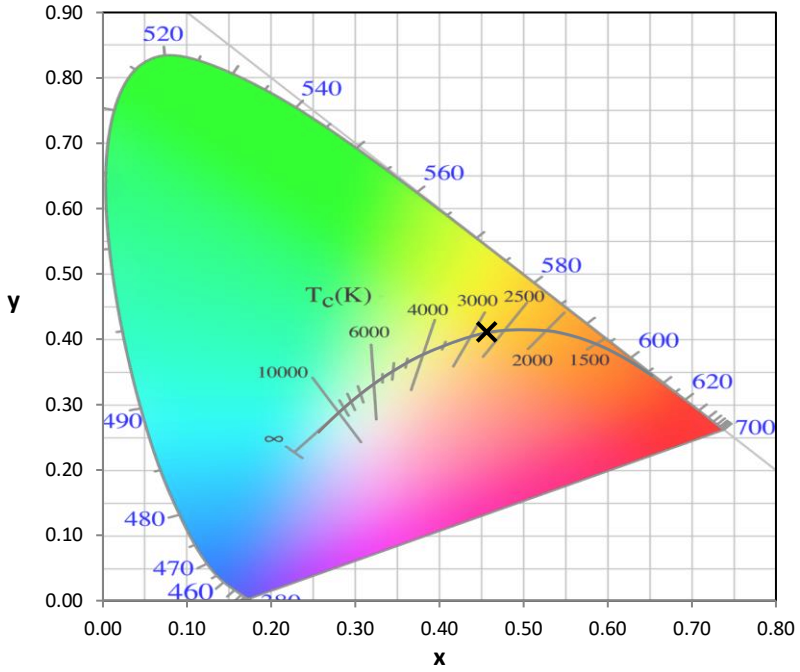
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

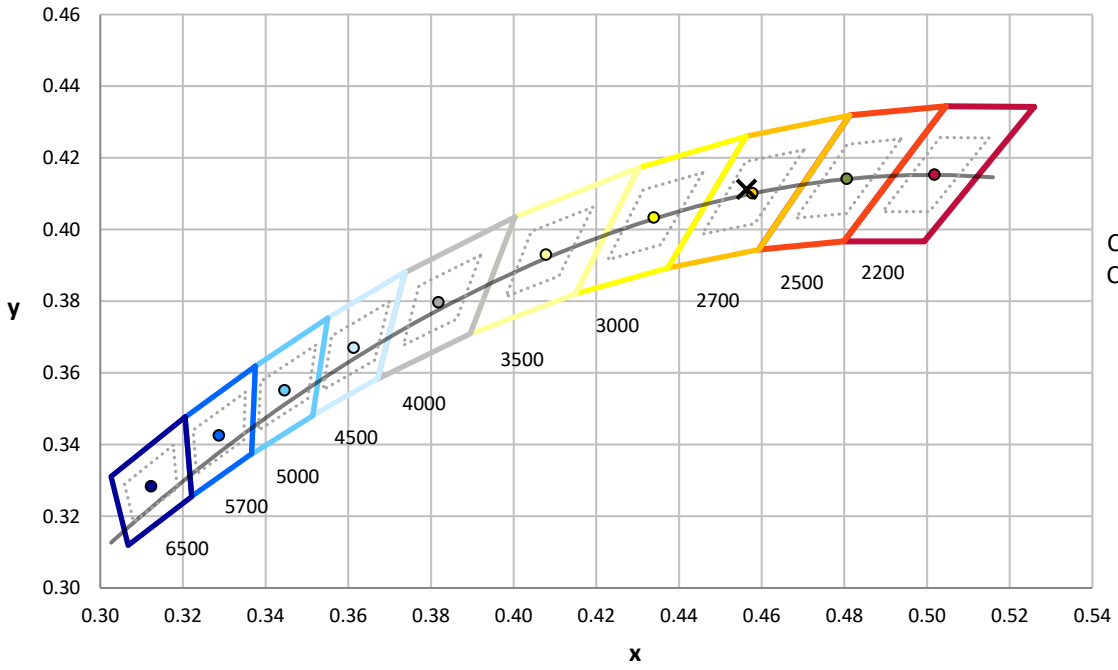
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

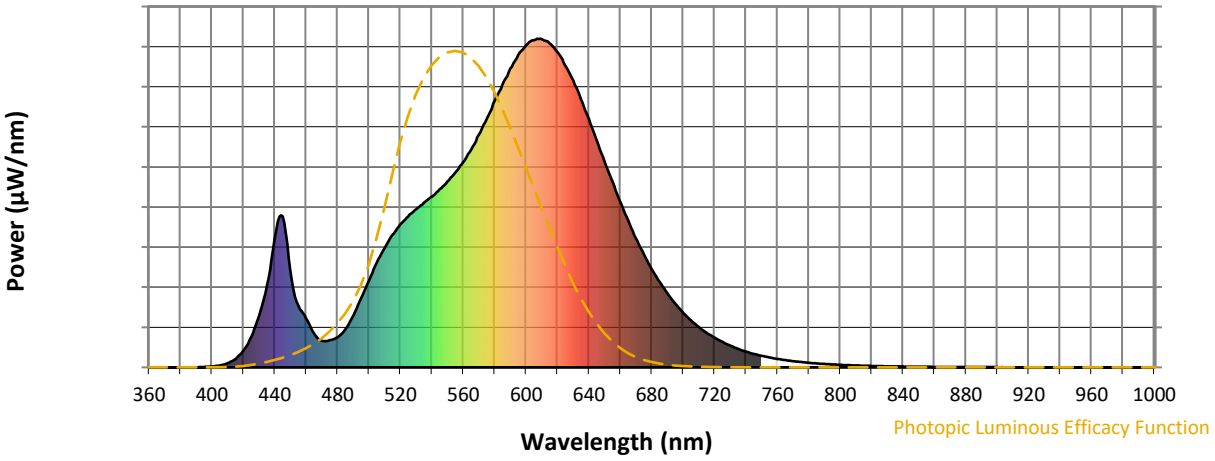


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

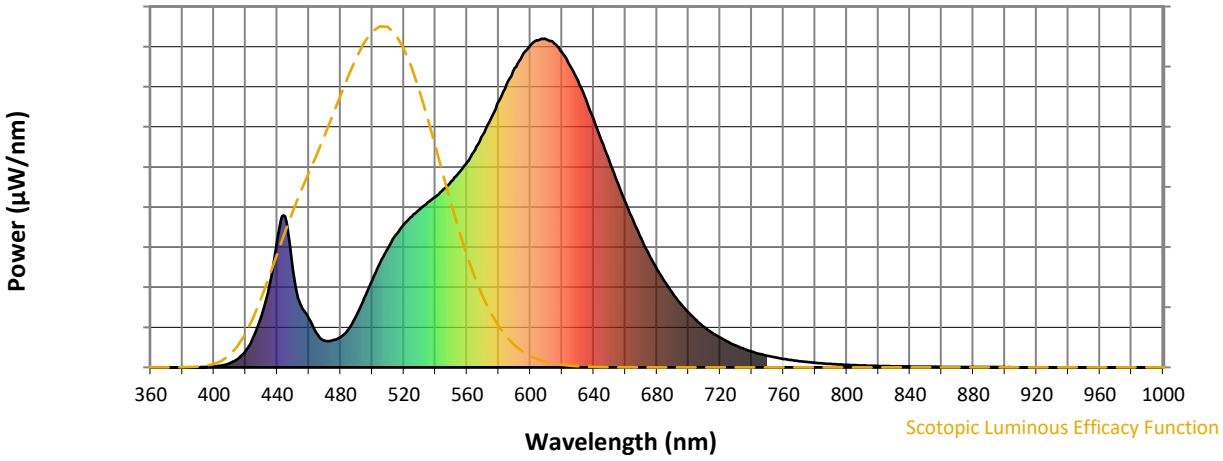


Photopic Lumens: NR

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

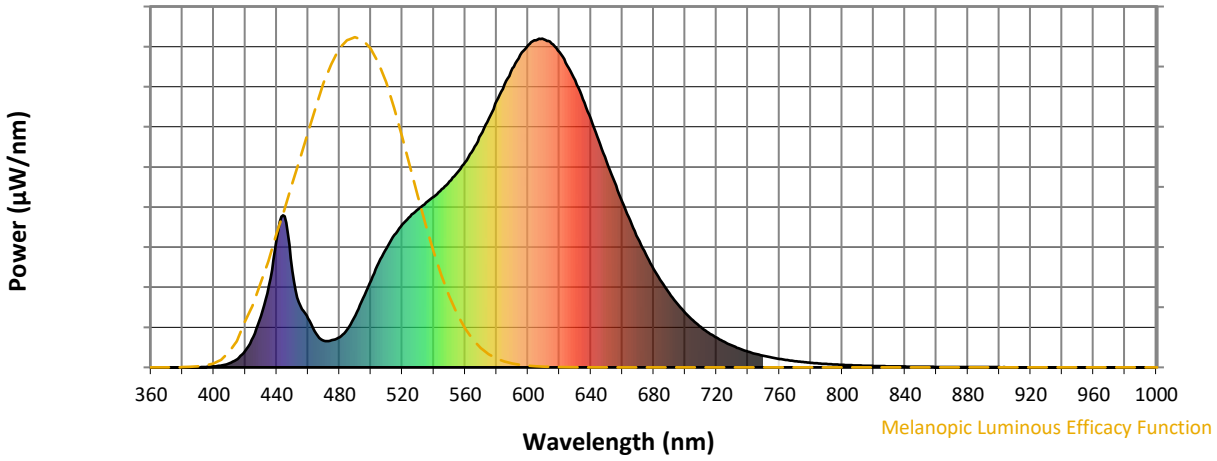


Scotopic Lumens: NR **S/P: 1.2**

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			

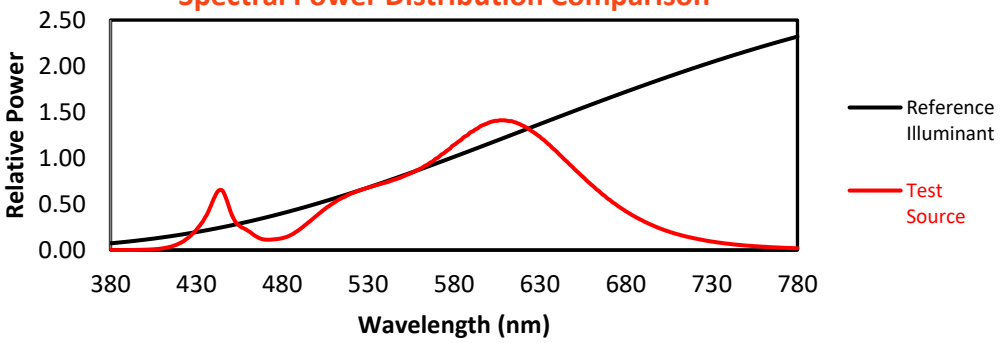
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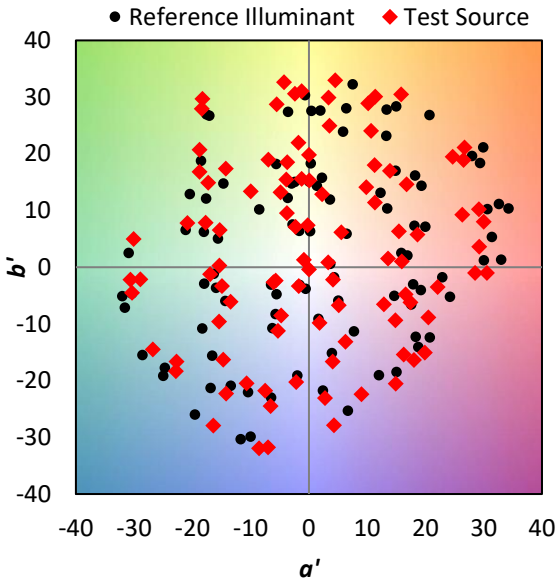
Summary

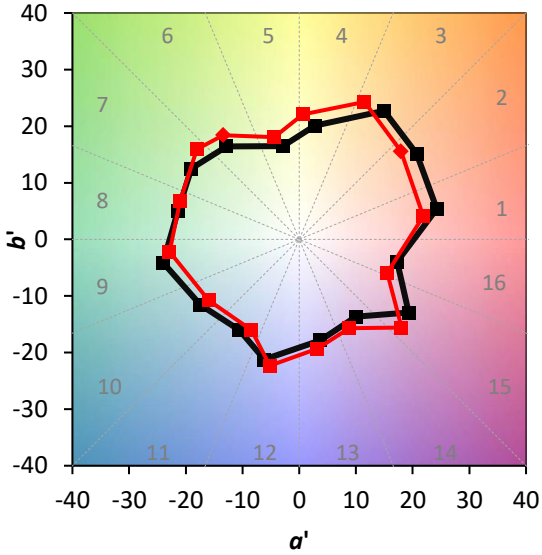
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

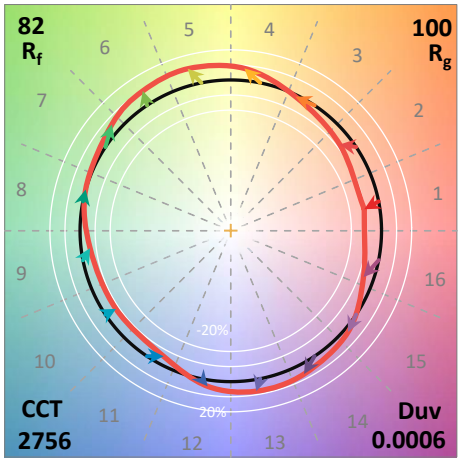
Spectral Power Distribution Comparison

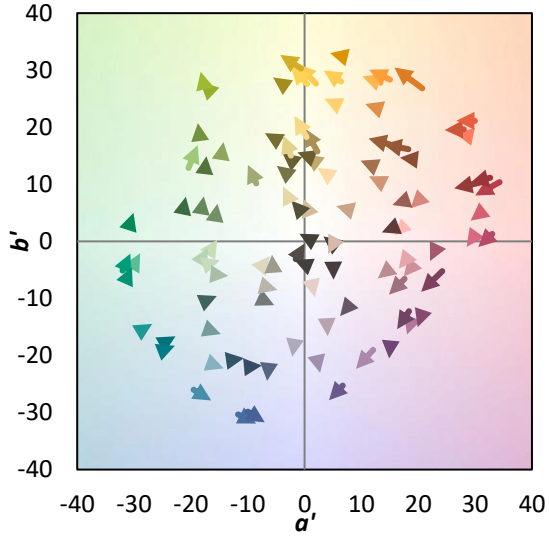


Color Vector Graphics







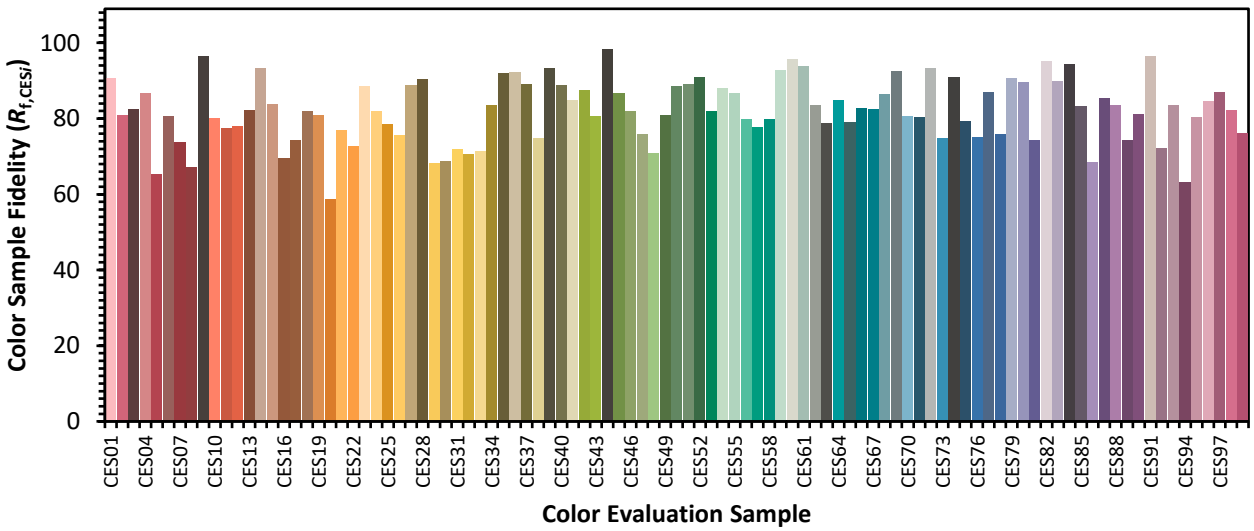


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Individual Sample Fidelity Index ($R_{f,i}$)

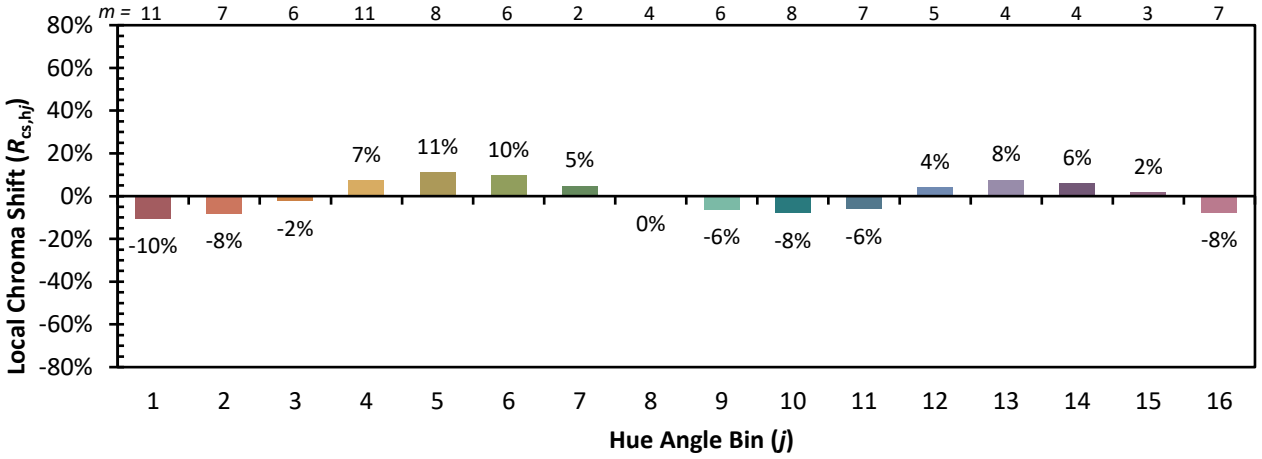
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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	

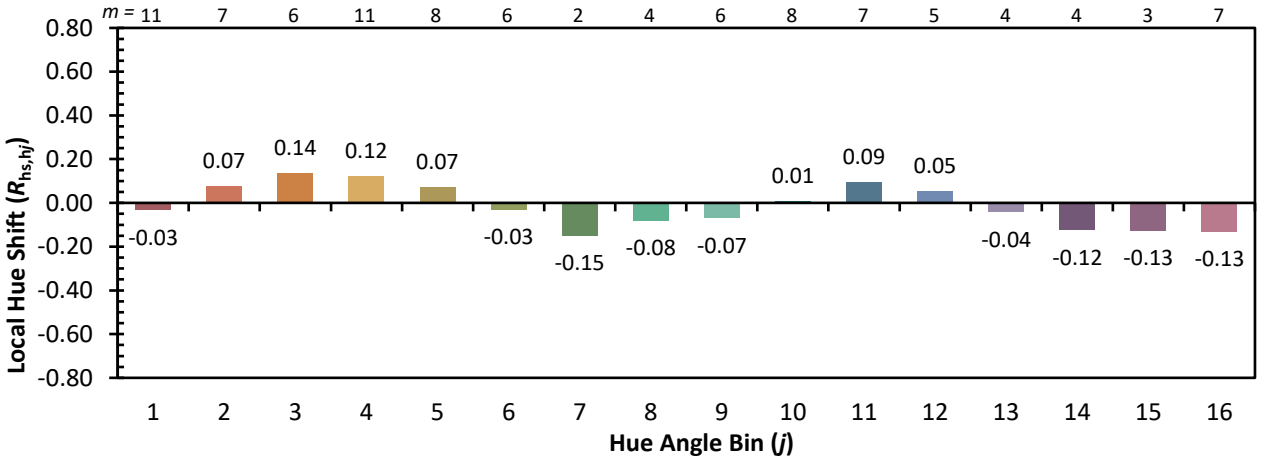


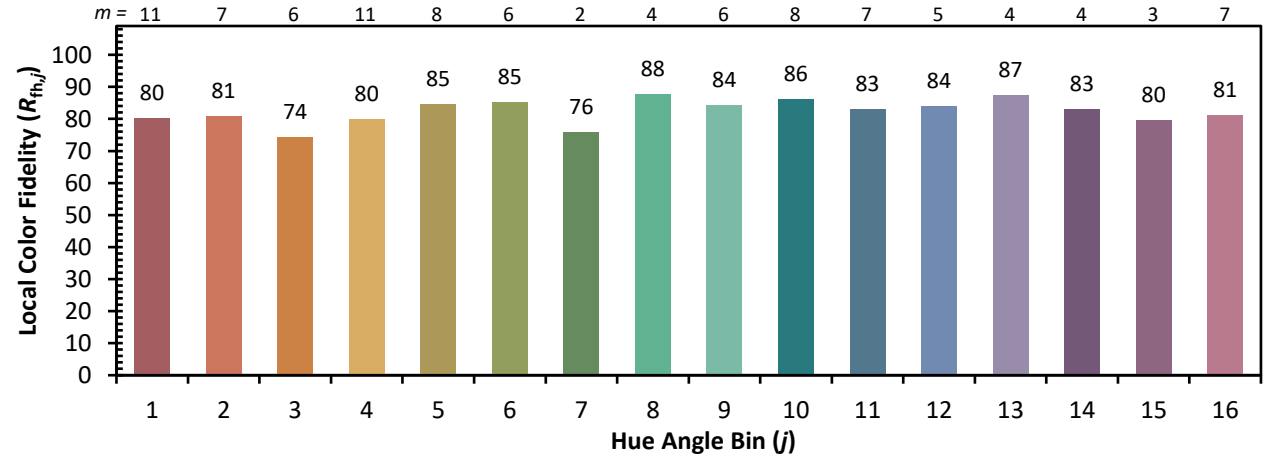
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Color Rendition by Hue-Angle Bin



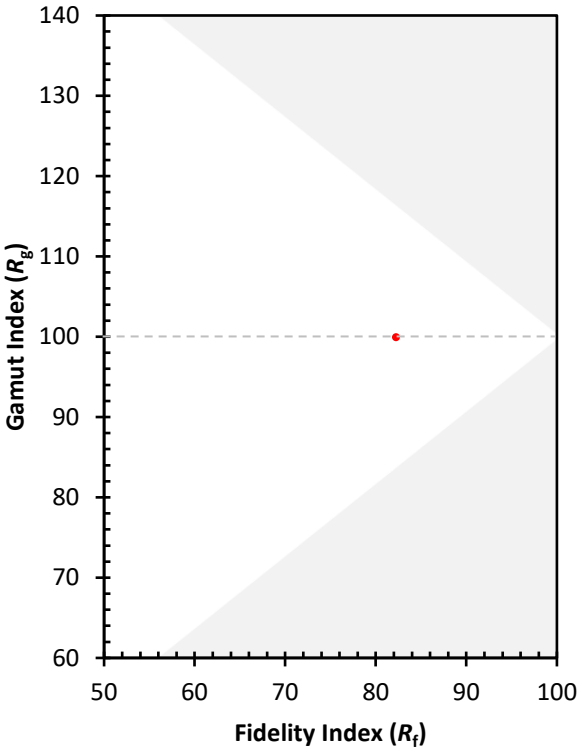


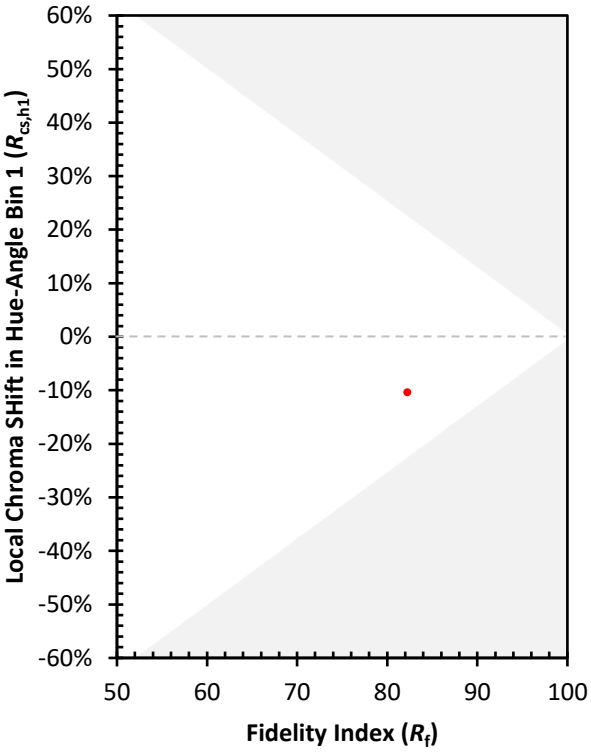


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Measure Comparisons





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