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: P1500737

Luminaire Tested: GSS-SB4A-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:	P1500737
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-827-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15184.3 lumens
Efficiency:	N/A
Efficacy:	133.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

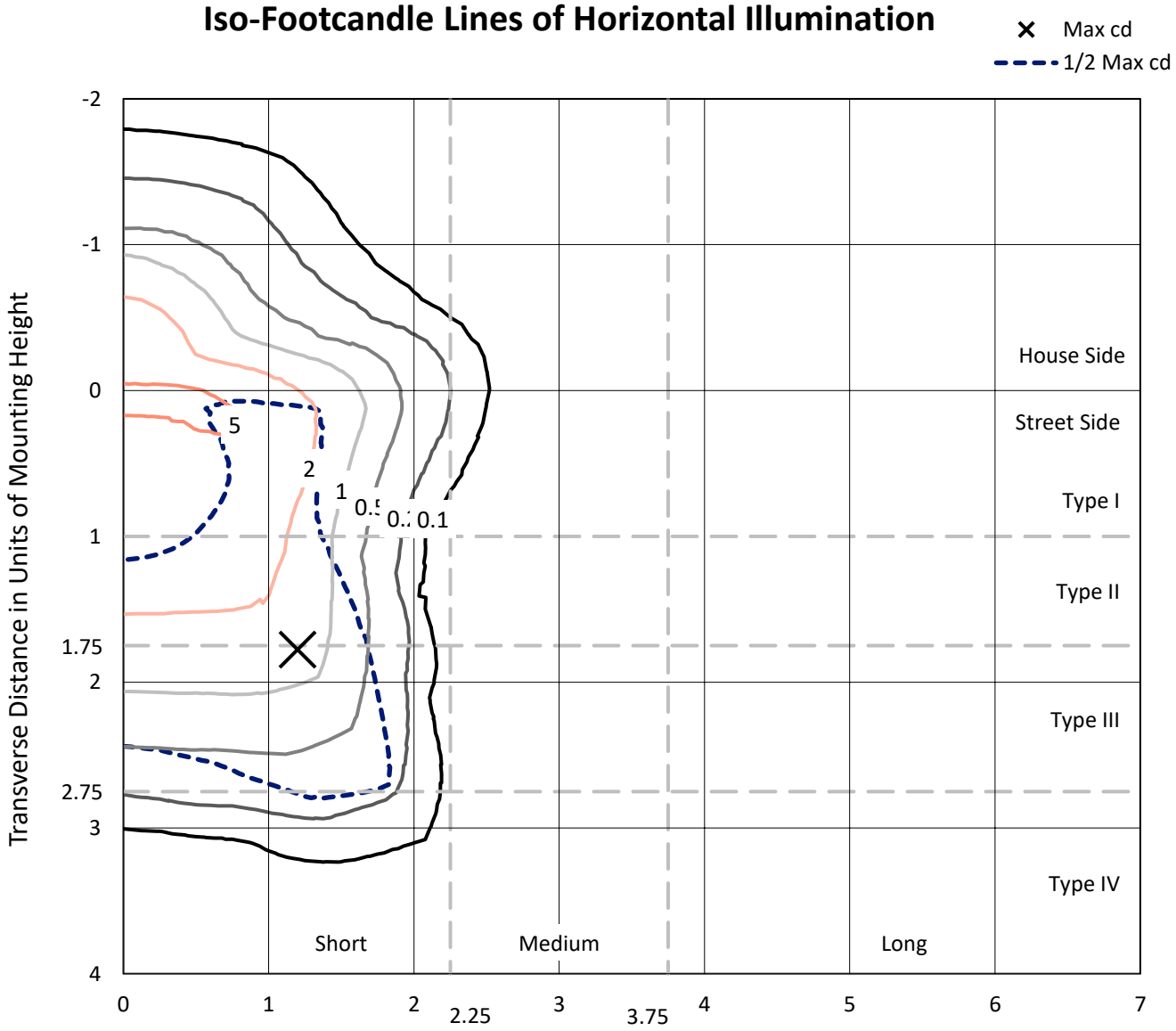
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500737
CATALOG NUMBER: GSS-SB4A-827-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



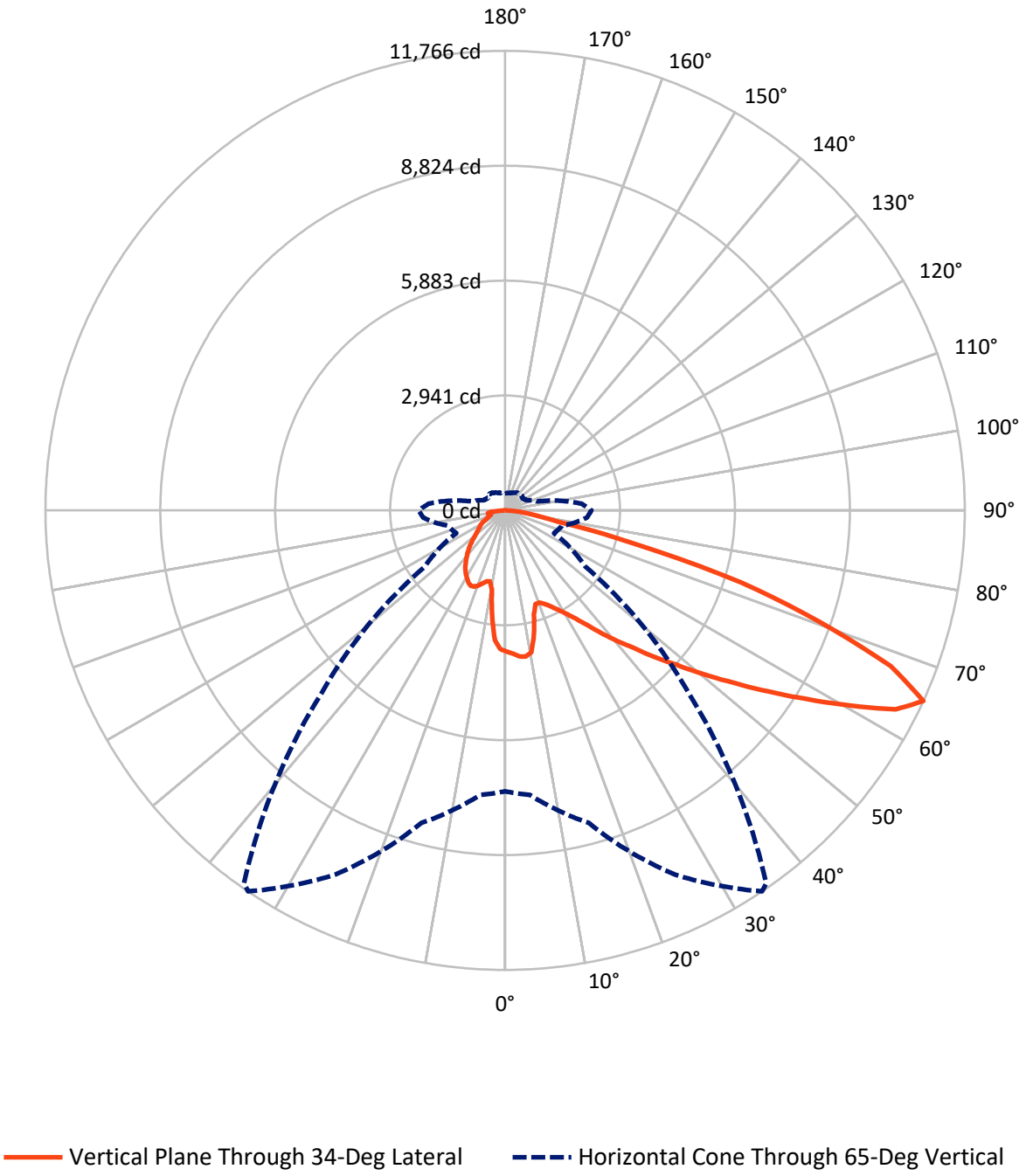
Based on 25 foot mounting height. Maximum calculated value = 6.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1500737
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Luminous Intensity Polar Plot



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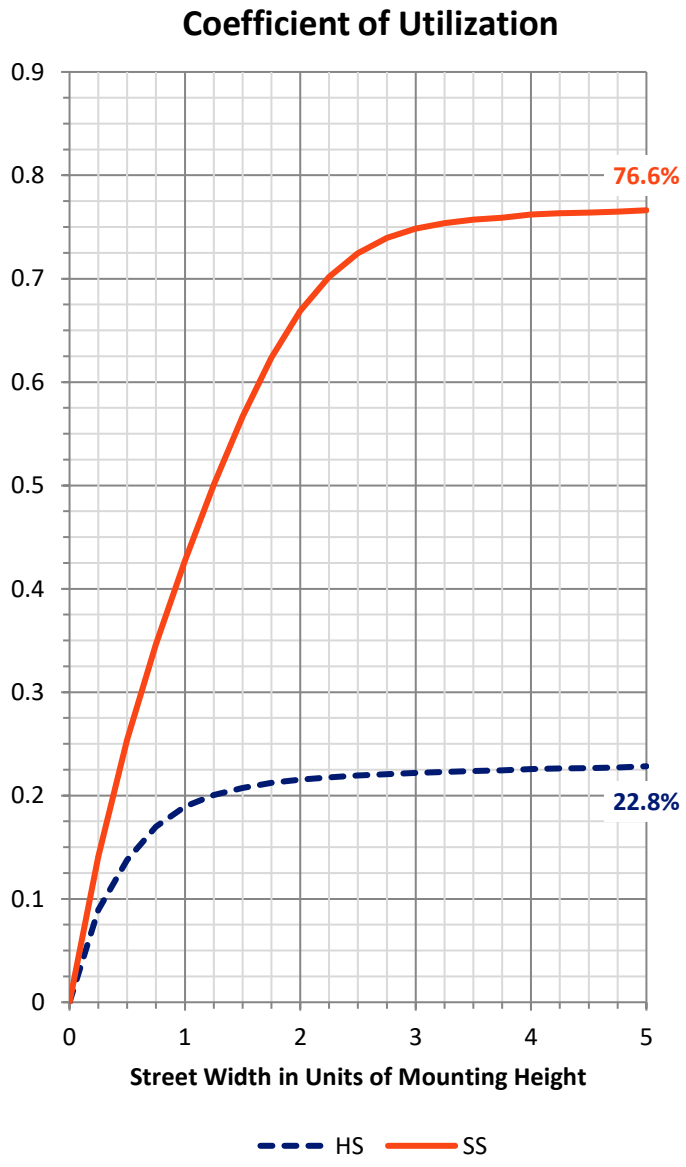
REPORT NUMBER: P1500737
CATALOG NUMBER: GSS-SB4A-827-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3532.7	0.0	3532.7
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	11651.5	0.0	11651.5
	% Fixture	76.7	0.0	76.7
Total	Lumens	15184.3	0.0	15184.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	325.4	2.1
10°-20°	819.1	5.4
20°-30°	1357.8	8.9
30°-40°	2042.1	13.4
40°-50°	2860.9	18.8
50°-60°	3607.1	23.8
60°-70°	3102.4	20.4
70°-80°	922.3	6.1
80°-90°	147.2	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°	15184.3	100.0
0°-180°	15184.3	100.0



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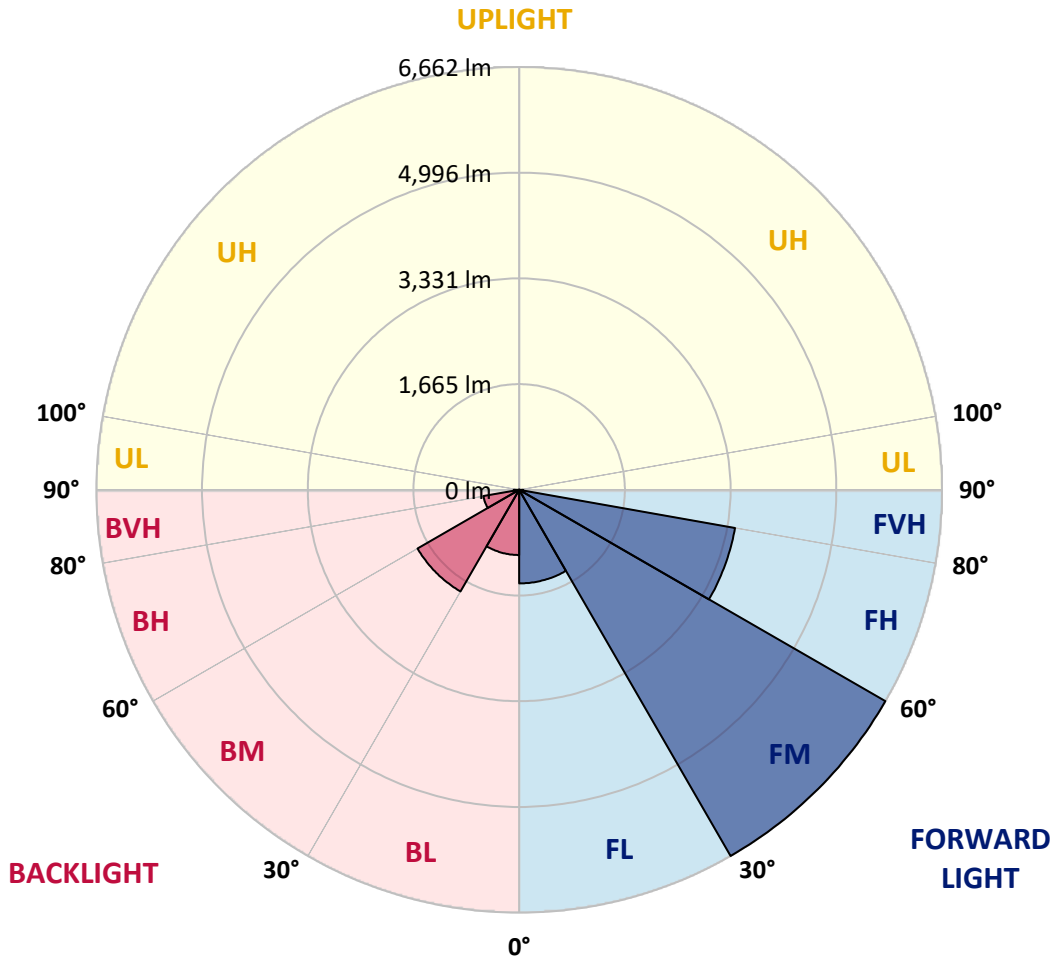
Scaled Data Report

REPORT NUMBER: P1500737
CATALOG NUMBER: GSS-SB4A-827-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1474.5	9.7			
FM	(30°-60°)	6661.8	43.9			
FH	(60°-80°)	3453.0	22.7			G2/5000
FVH	(80°-90°)	62.3	0.4			G1/100
BL	(0°-30°)	1027.9	6.8	B3/2500		
BM	(30°-60°)	1848.2	12.2	B2/2500		
BH	(60°-80°)	571.7	3.8	B2/1000		G2/1000
BVH	(80°-90°)	84.9	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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REPORT NUMBER: P1500737
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	3610.1	3610.1	3610.1	3610.1	*3610.1*	3610.1	3610.1	3610.1	3610.1	3610.1	3610.1
2.5°	3678.9	3699.5	3675.4	3665.1	*3668.6*	3672.0	3654.8	3658.3	3637.6	3637.6	3620.4
5°	3758.0	3761.4	3747.6	3758.0	*3754.5*	3751.1	3751.1	3747.6	3703.0	3692.6	3675.4
7.5°	3713.3	3727.0	3733.9	3771.7	*3782.0*	3802.7	3816.4	3823.3	3788.9	3761.4	3716.7
10°	3304.1	3314.4	3393.5	3565.4	*3696.1*	3720.1	3847.4	3919.6	3895.5	3881.7	3806.1
12.5°	2640.5	2657.7	2747.1	2970.6	*3276.6*	3341.9	3747.6	3991.8	4046.8	4050.2	3940.2
15°	2355.2	2355.2	2382.7	2509.9	*2757.4*	2809.0	3407.3	4012.4	4208.4	4232.4	4098.3
17.5°	2296.7	2293.3	2310.5	2386.1	*2516.8*	2547.7	3015.3	3905.8	4400.9	4442.2	4270.3
20°	2293.3	2283.0	2317.4	2403.3	*2516.8*	2544.3	2833.1	3720.1	4552.2	4682.8	4442.2
22.5°	2296.7	2296.7	2344.9	2468.6	*2599.3*	2623.4	2867.5	3565.4	4676.0	4933.8	4624.4
25°	2334.5	2327.7	2396.4	2547.7	*2726.5*	2743.7	3008.4	3558.5	4782.6	5215.8	4844.4
27.5°	2396.4	2399.9	2492.7	2674.9	*2877.8*	2912.2	3204.4	3706.4	4913.2	5525.2	5057.6
30°	2527.1	2530.5	2640.5	2826.2	*3060.0*	3104.7	3431.3	3926.4	5098.9	5858.7	5288.0
32.5°	2674.9	2692.1	2826.2	3042.8	*3293.8*	3317.9	3709.8	4256.5	5377.4	6192.2	5535.5
35°	2922.5	2939.7	3091.0	3317.9	*3596.4*	3630.8	4050.2	4638.1	5717.7	6529.2	5728.1
37.5°	3242.2	3256.0	3403.8	3678.9	*3974.6*	4009.0	4428.4	5043.9	6061.6	6797.3	5900.0
40°	3623.9	3654.8	3813.0	4081.2	*4380.3*	4400.9	4841.0	5435.8	6432.9	6983.0	5968.7
42.5°	4039.9	4070.8	4232.4	4528.1	*4803.2*	4865.1	5288.0	5851.8	6735.5	7065.5	5913.7
45°	4572.8	4565.9	4717.2	5026.7	*5349.9*	5373.9	5765.9	6195.7	6917.7	6996.8	5858.7
47.5°	5219.2	5226.1	5322.3	5573.3	*5906.8*	5961.9	6264.4	6491.3	7024.3	6941.7	5796.8
50°	5948.1	5965.3	6047.8	6230.0	*6587.6*	6625.4	6714.8	6697.6	7089.6	6824.8	5820.9
52.5°	6677.0	6687.3	6797.3	6989.9	*7337.1*	7364.6	7168.7	6855.8	6845.5	6353.8	5769.3
55°	7275.3	7271.8	7467.8	7763.5	*8186.4*	8169.2	7615.6	6735.5	6082.2	5621.5	5539.0
57.5°	7794.4	7815.1	8069.5	8581.8	*9114.7*	9100.9	8093.5	6099.4	4968.2	4755.0	5164.2
60°	8262.0	8310.2	8788.1	9554.8	*10142.7*	10060.2	8179.5	5140.1	3864.5	3723.6	4421.5
62.5°	8059.2	8148.6	8915.3	10410.9	*11218.9*	11036.7	7650.0	3981.4	2616.5	2489.3	3125.3
65°	*7192.7*	*7313.1*	*8286.1*	*10287.1*	*11765.6*	*11652.1*	*6687.3*	*2503.0*	*1378.7*	*1512.8*	*2104.2*
67.5°	6040.9	6185.3	7237.4	9241.9	*10644.7*	10400.6	5195.1	1316.8	642.9	997.1	1306.5
70°	3311.0	3668.6	5233.0	7859.7	*8526.8*	8186.4	3005.0	622.3	467.6	622.3	780.5
72.5°	1244.6	1330.6	2269.2	5284.5	*6316.0*	5896.5	1141.5	402.3	392.0	460.7	563.9
75°	598.2	639.5	986.8	2403.3	*3448.5*	3214.7	560.4	299.1	336.9	361.0	409.1
77.5°	357.6	385.1	615.4	1395.9	*1358.1*	1248.1	343.8	230.4	271.6	257.9	240.7
80°	213.2	237.2	374.8	794.2	*818.3*	725.5	209.7	161.6	189.1	165.0	147.8
82.5°	123.8	134.1	196.0	357.6	*519.2*	477.9	120.3	96.3	137.5	110.0	82.5
85°	61.9	65.3	89.4	154.7	*257.9*	196.0	51.6	44.7	65.3	48.1	27.5
87.5°	13.8	13.8	13.8	17.2	*24.1*	24.1	6.9	3.4	3.4	3.4	3.4
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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CATALOG NUMBER: GSS-SB4A-827-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3610.1	3610.1	3610.1	3610.1	3610.1	3610.1	3610.1	3610.1	3610.1	3610.1	3610.1
2.5°	3617.0	3623.9	3599.8	3572.3	3565.4	3544.8	3551.7	3537.9	3517.3	3520.7	3524.2
5°	3651.4	3637.6	3589.5	3527.6	3472.6	3410.7	3338.5	3256.0	3197.5	3173.5	3194.1
7.5°	3682.3	3668.6	3586.1	3448.5	3262.9	3005.0	2736.8	2492.7	2324.2	2262.3	2276.1
10°	3768.3	3713.3	3562.0	3262.9	2819.3	2331.1	2059.5	1908.2	1856.6	1829.1	1832.6
12.5°	3881.7	3806.1	3517.3	2939.7	2269.2	1959.8	1863.5	1829.1	1811.9	1805.1	1811.9
15°	4019.3	3902.4	3410.7	2534.0	2014.8	1894.5	1873.8	1877.3	1877.3	1880.7	1880.7
17.5°	4139.6	3957.4	3218.2	2241.7	1963.2	1928.8	1949.5	1966.7	1966.7	1970.1	1966.7
20°	4249.6	3984.9	2970.6	2117.9	1973.5	1990.7	2038.9	2056.0	2059.5	2056.0	2056.0
22.5°	4366.5	4002.1	2723.1	2049.2	1997.6	2049.2	2100.7	2124.8	2131.7	2135.1	2138.6
25°	4480.0	3967.7	2520.2	1994.2	1987.3	2059.5	2117.9	2148.9	2155.8	2155.8	2159.2
27.5°	4593.4	3957.4	2382.7	1922.0	1939.2	1997.6	2066.4	2107.6	2135.1	2138.6	2142.0
30°	4724.1	3926.4	2252.0	1825.7	1832.6	1904.8	1977.0	2049.2	2104.2	2128.3	2128.3
32.5°	4813.5	3895.5	2135.1	1722.5	1722.5	1798.2	1887.6	1977.0	2056.0	2104.2	2114.5
35°	4899.4	3868.0	2032.0	1619.4	1622.8	1695.0	1787.9	1884.1	1983.8	2042.3	2069.8
37.5°	4944.1	3840.5	1959.8	1540.3	1526.6	1602.2	1664.1	1743.2	1849.8	1946.0	1970.1
40°	4954.5	3840.5	1952.9	1485.3	1426.9	1512.8	1540.3	1595.3	1691.6	1794.7	1832.6
42.5°	4885.7	3802.7	1987.3	1450.9	1323.7	1385.6	1416.5	1444.0	1505.9	1591.9	1622.8
45°	4803.2	3751.1	2018.2	1402.8	1196.5	1244.6	1292.8	1296.2	1323.7	1344.3	1365.0
47.5°	4734.4	3696.1	1963.2	1313.4	1065.8	1100.2	1151.8	1151.8	1138.0	1096.8	1083.0
50°	4789.4	3713.3	1870.4	1186.2	945.5	969.6	1024.6	993.6	962.7	876.7	866.4
52.5°	4837.6	3778.6	1760.4	1062.4	842.4	866.4	921.4	873.3	811.4	742.7	732.3
55°	4758.5	3782.0	1557.5	924.9	770.2	790.8	842.4	783.9	725.5	684.2	677.3
57.5°	4521.2	3678.9	1344.3	818.3	708.3	728.9	777.0	718.6	663.6	660.1	677.3
60°	3998.6	3317.9	1148.4	749.5	649.8	673.9	722.0	660.1	587.9	557.0	567.3
62.5°	3018.7	2551.2	983.3	670.5	594.8	625.8	660.1	560.4	498.5	484.8	471.0
65°	*2207.3*	*1959.8*	*883.6*	*608.6*	*543.2*	*581.1*	*553.6*	*498.5*	*457.3*	*443.5*	*436.7*
67.5°	1426.9	1330.6	759.8	550.1	495.1	526.0	488.2	460.7	416.0	409.1	419.5
70°	873.3	904.2	636.1	484.8	447.0	440.1	447.0	419.5	371.3	381.6	395.4
72.5°	618.9	667.0	546.7	422.9	381.6	367.9	398.8	381.6	347.3	357.6	371.3
75°	443.5	495.1	450.4	347.3	323.2	316.3	371.3	381.6	357.6	364.5	374.8
77.5°	261.3	316.3	319.8	268.2	244.1	281.9	395.4	440.1	422.9	402.3	392.0
80°	168.5	189.1	226.9	171.9	171.9	244.1	433.2	536.4	460.7	409.1	402.3
82.5°	86.0	99.7	147.8	110.0	103.1	182.2	426.3	512.3	508.9	453.8	443.5
85°	24.1	30.9	68.8	48.1	41.3	96.3	319.8	385.1	343.8	251.0	254.4
87.5°	3.4	3.4	0.0	0.0	3.4	13.8	37.8	6.9	6.9	6.9	6.9
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

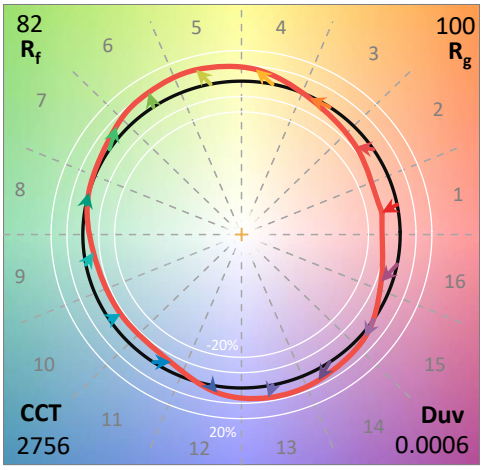
Test Information

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

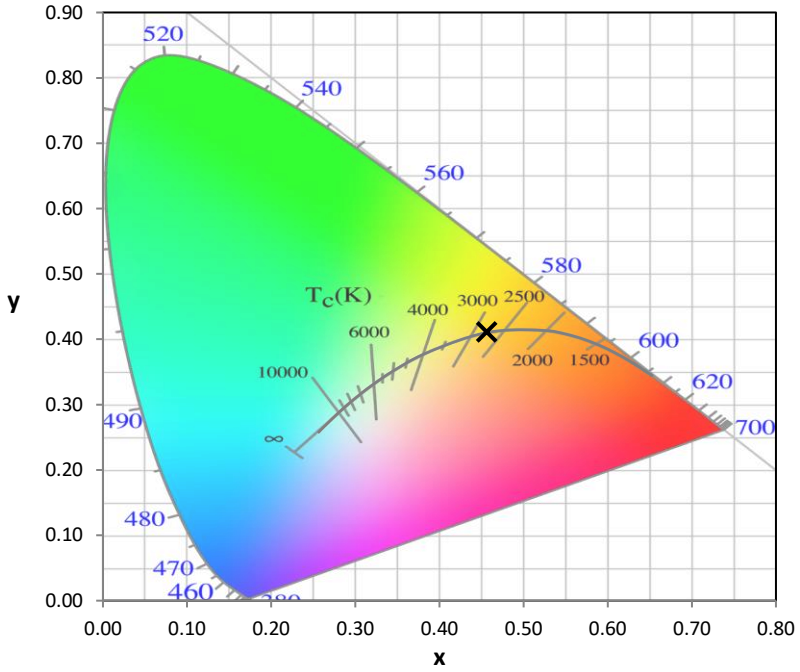
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

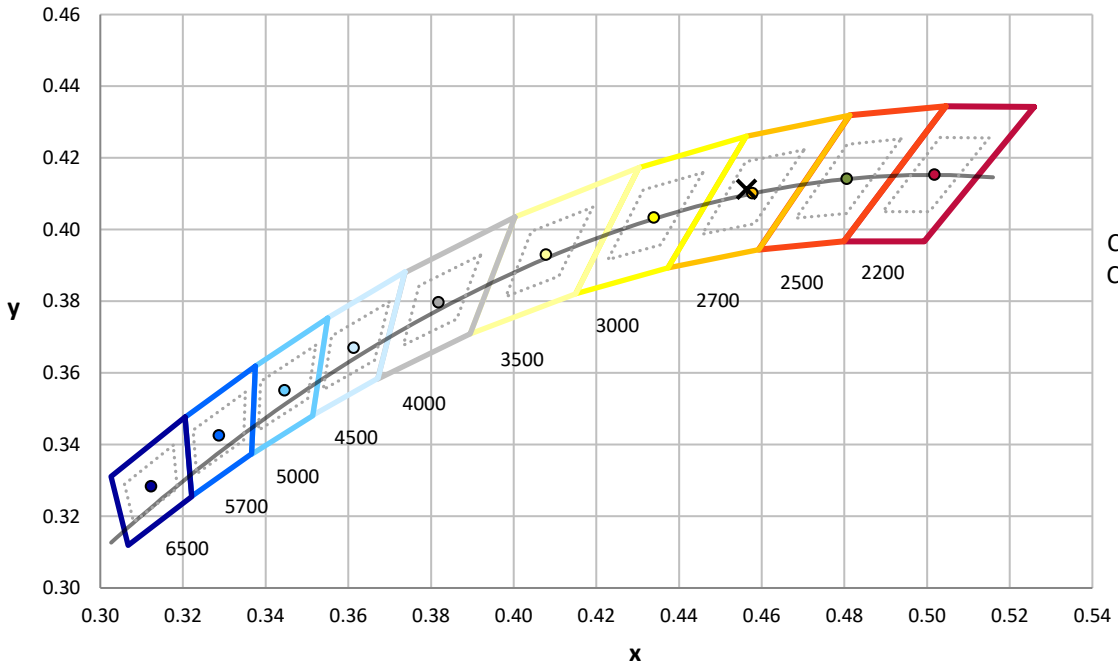
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

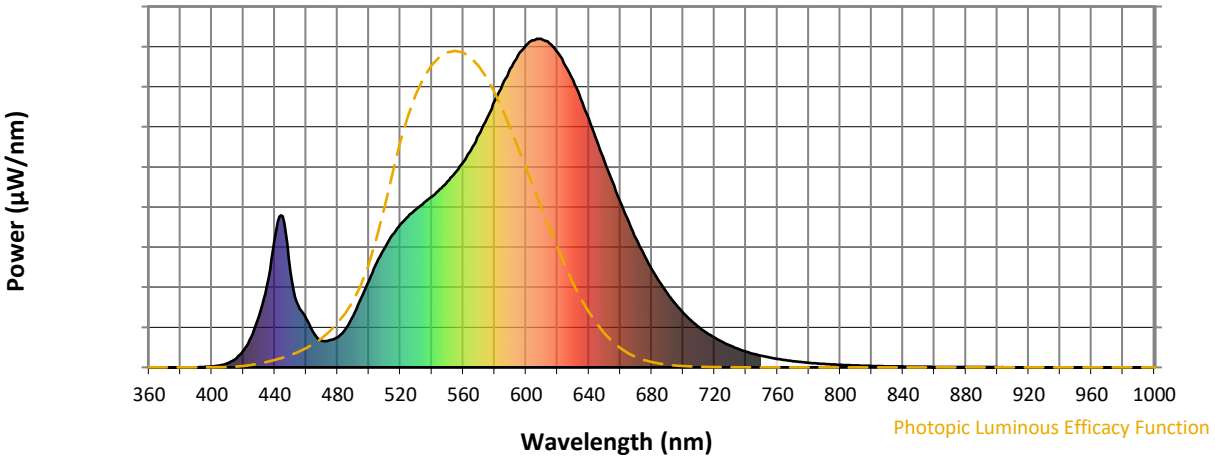


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

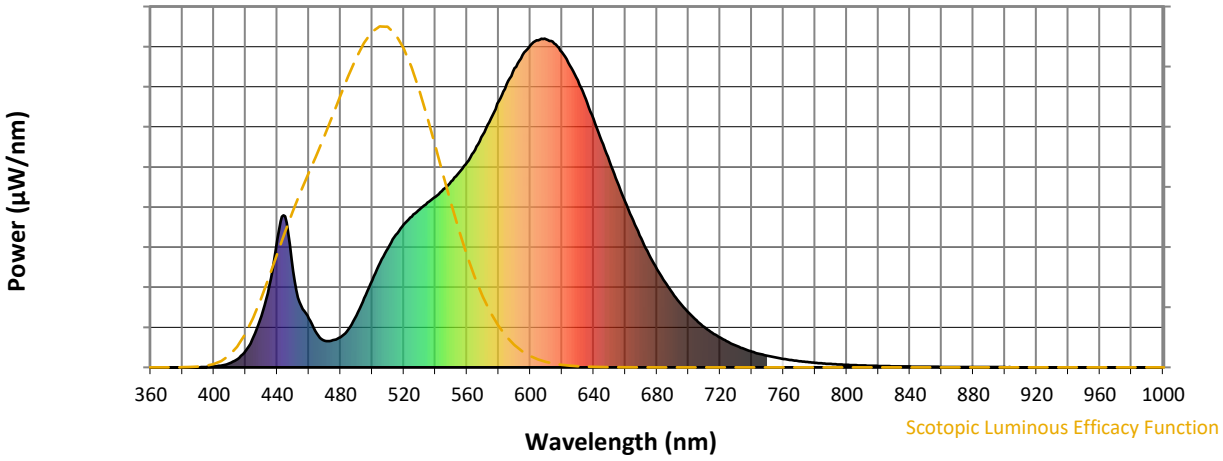


Photopic Lumens: NR

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

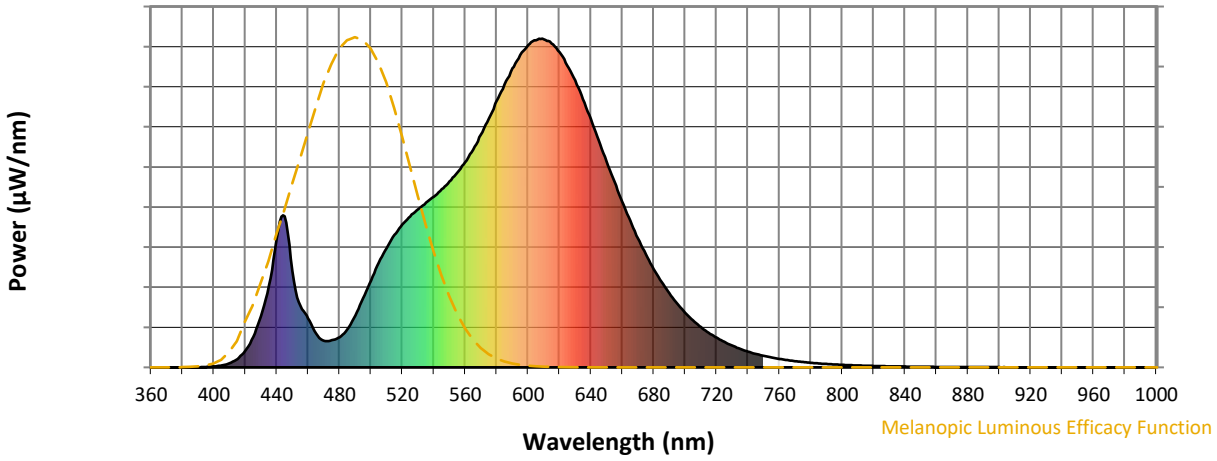


Scotopic Lumens: NR **S/P: 1.2**

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			

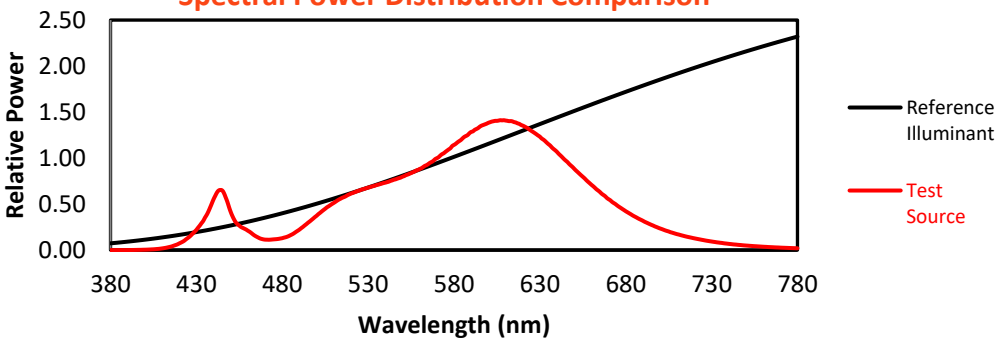
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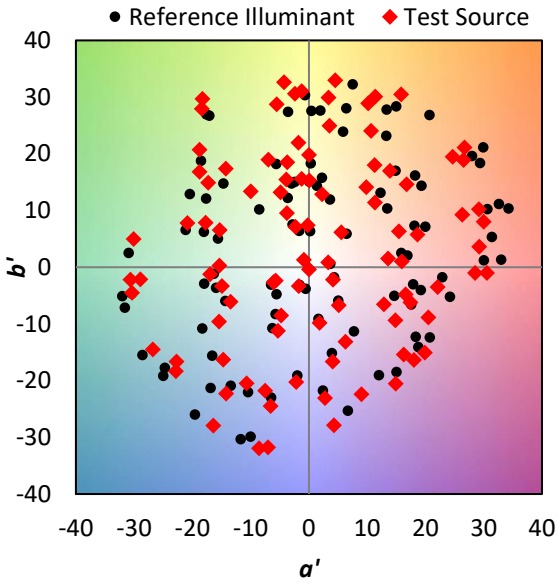
Summary

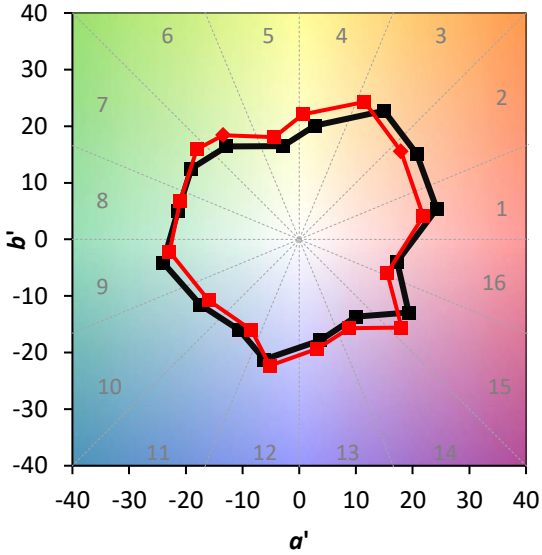
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

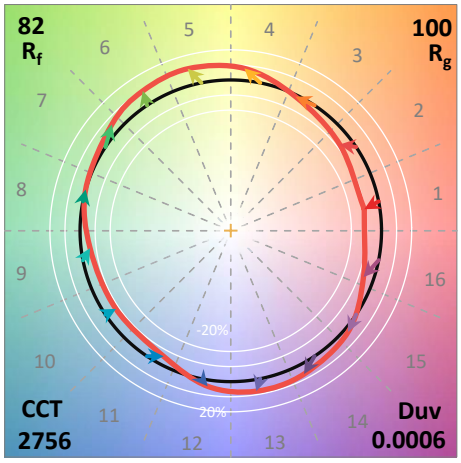
Spectral Power Distribution Comparison

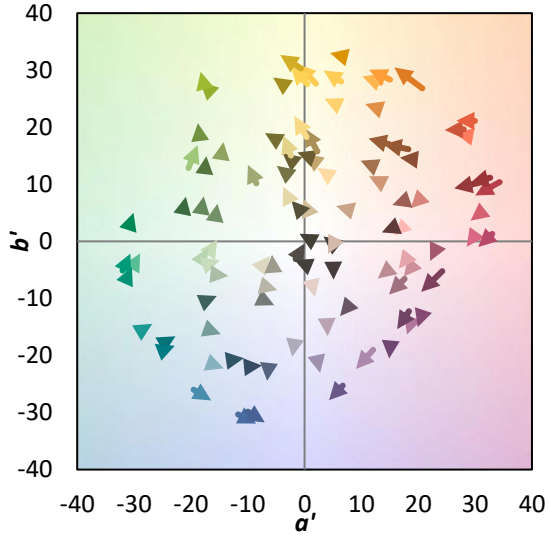


Color Vector Graphics







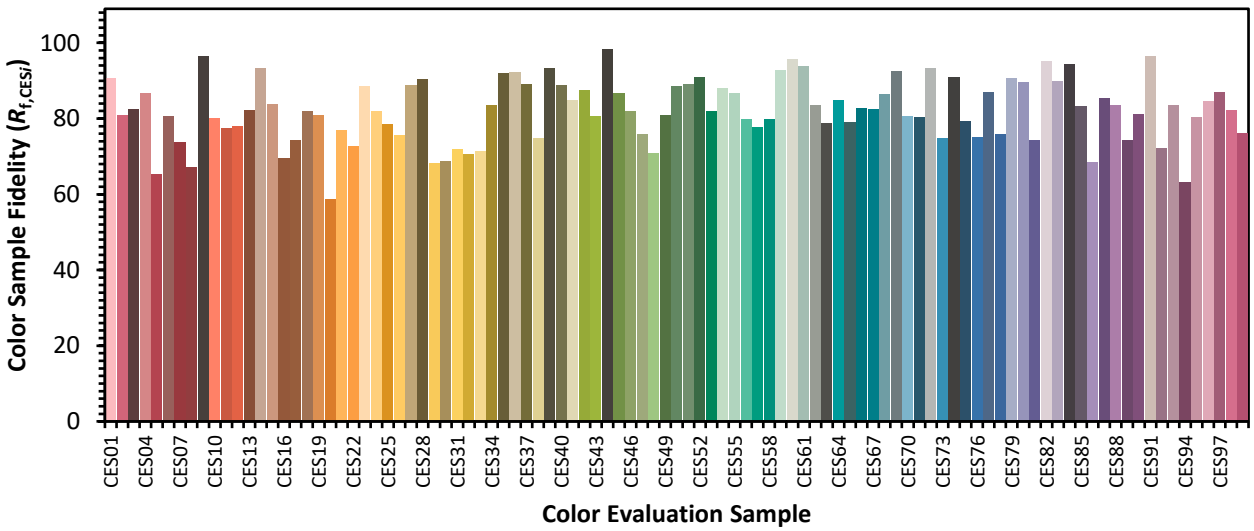


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Individual Sample Fidelity Index ($R_{f,i}$)

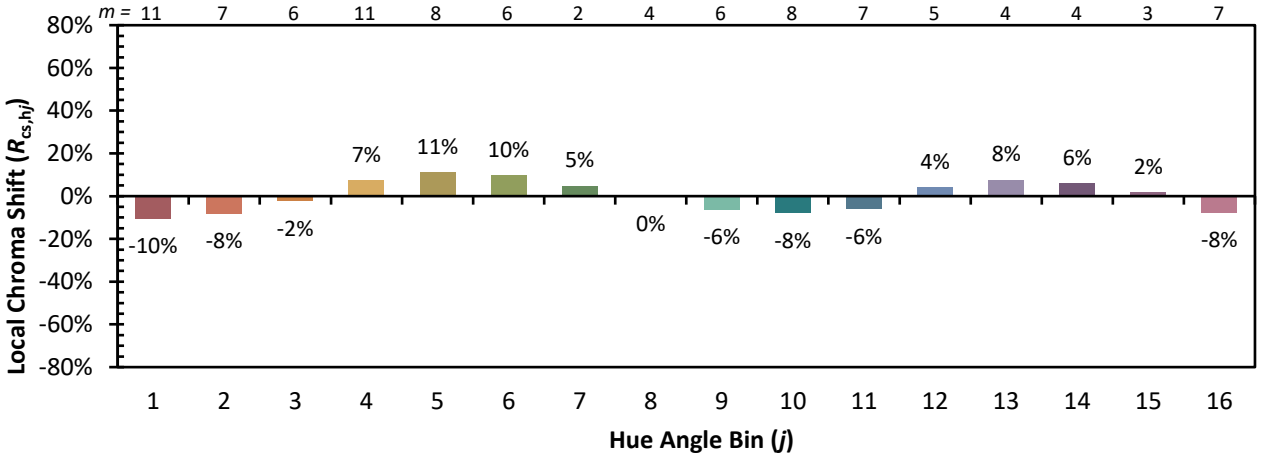
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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

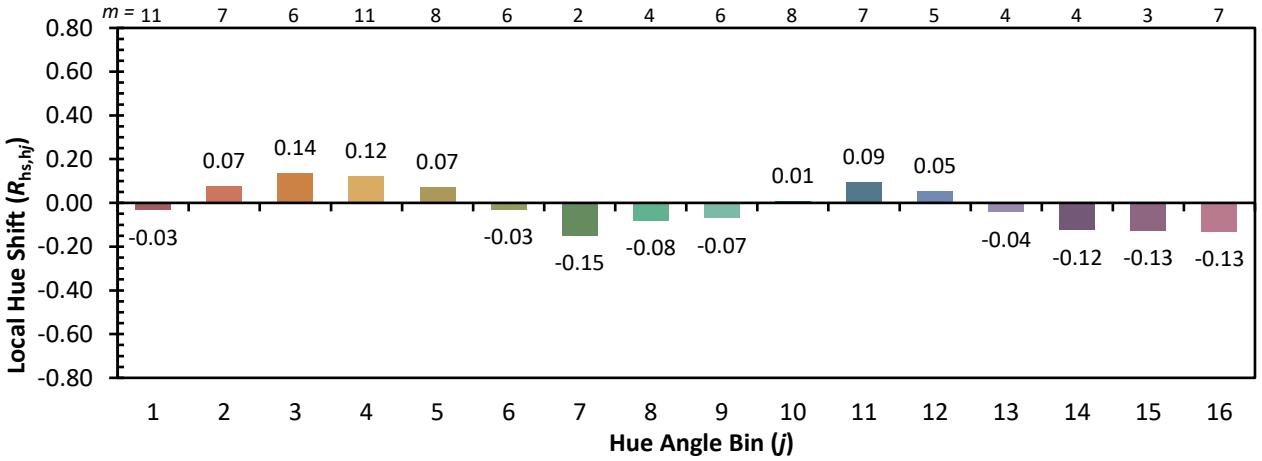


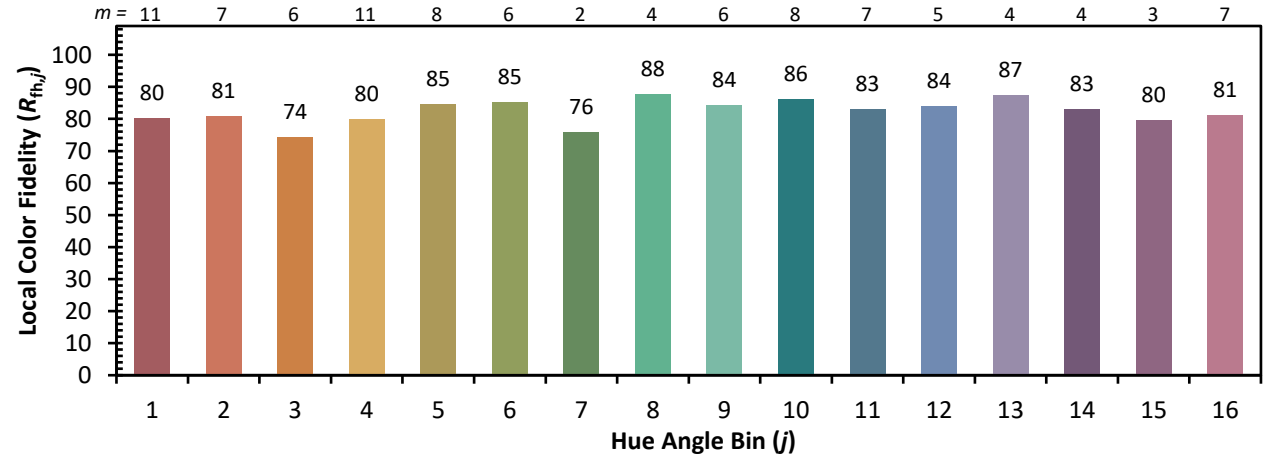
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Color Rendition by Hue-Angle Bin



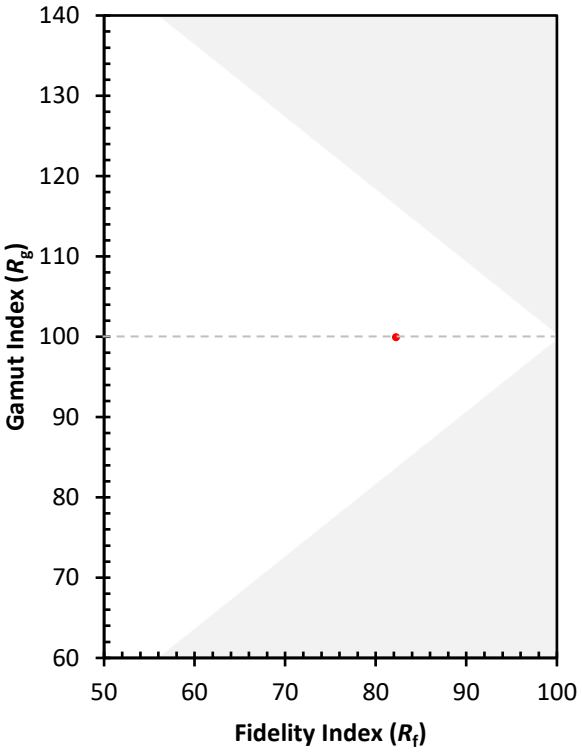


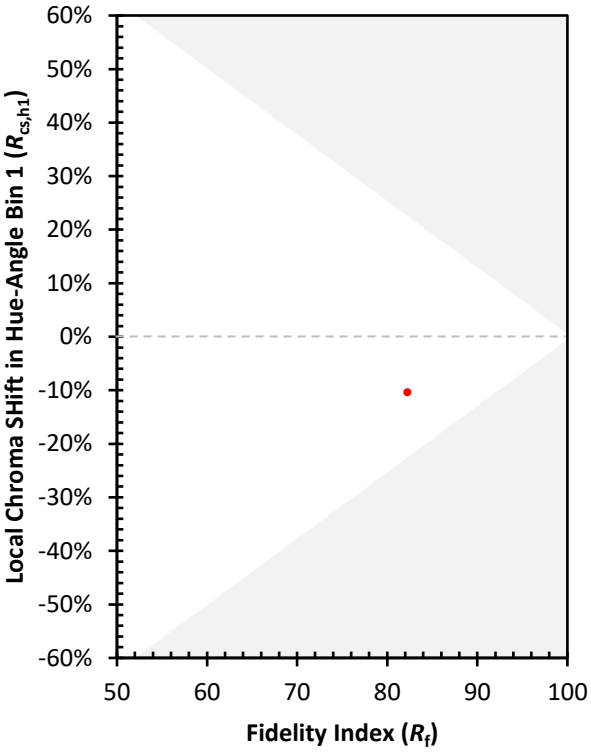


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Measure Comparisons





(END OF REPORT)