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: P1502651

Luminaire Tested: GSS-SB2C-827-U-T4LG-HSS

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:	P1502651
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2C-827-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 102W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9686.2 lumens
Efficiency:	N/A
Efficacy:	95.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

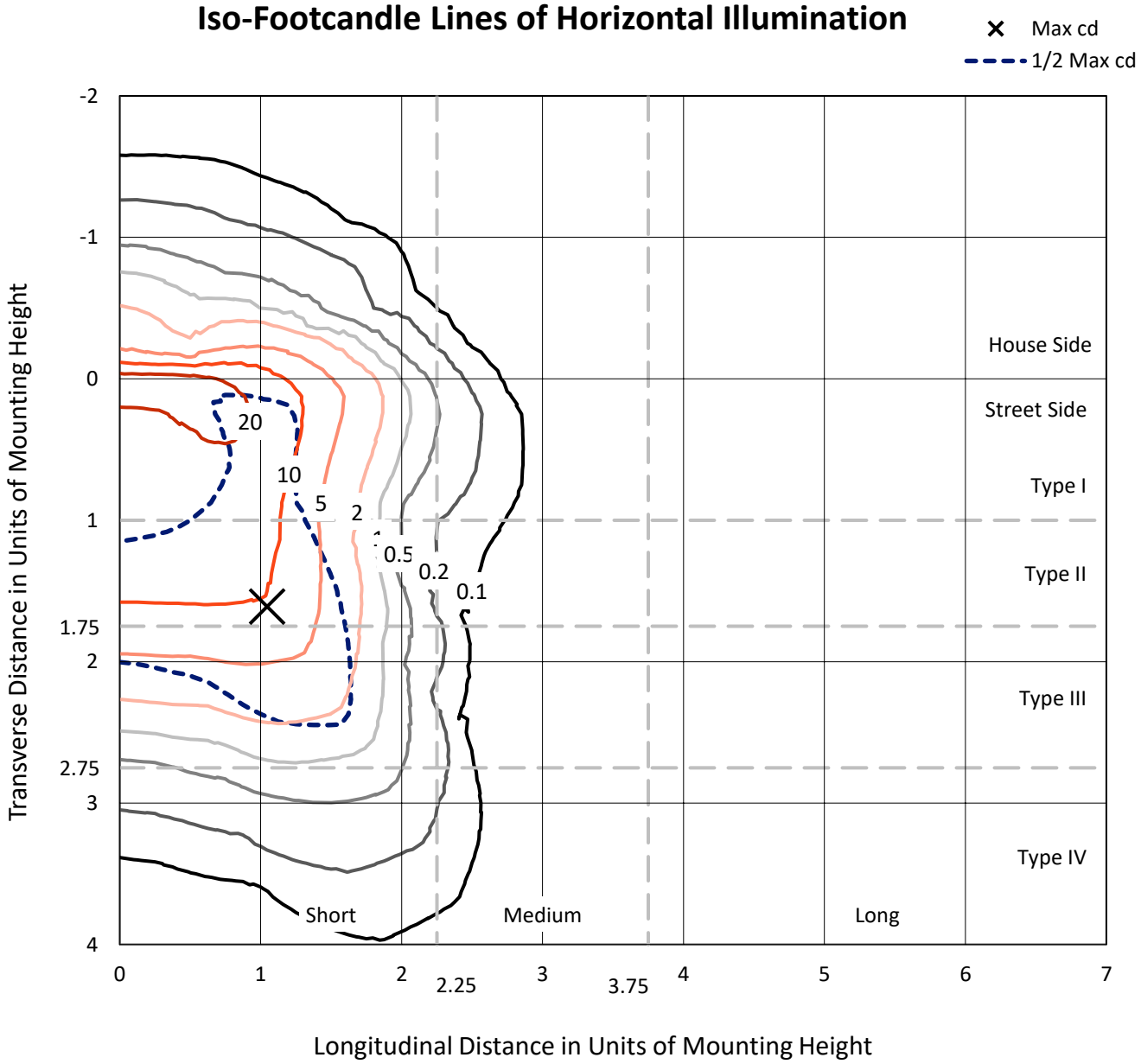
Input Watts (W):	102
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502651
CATALOG NUMBER: GSS-SB2C-827-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



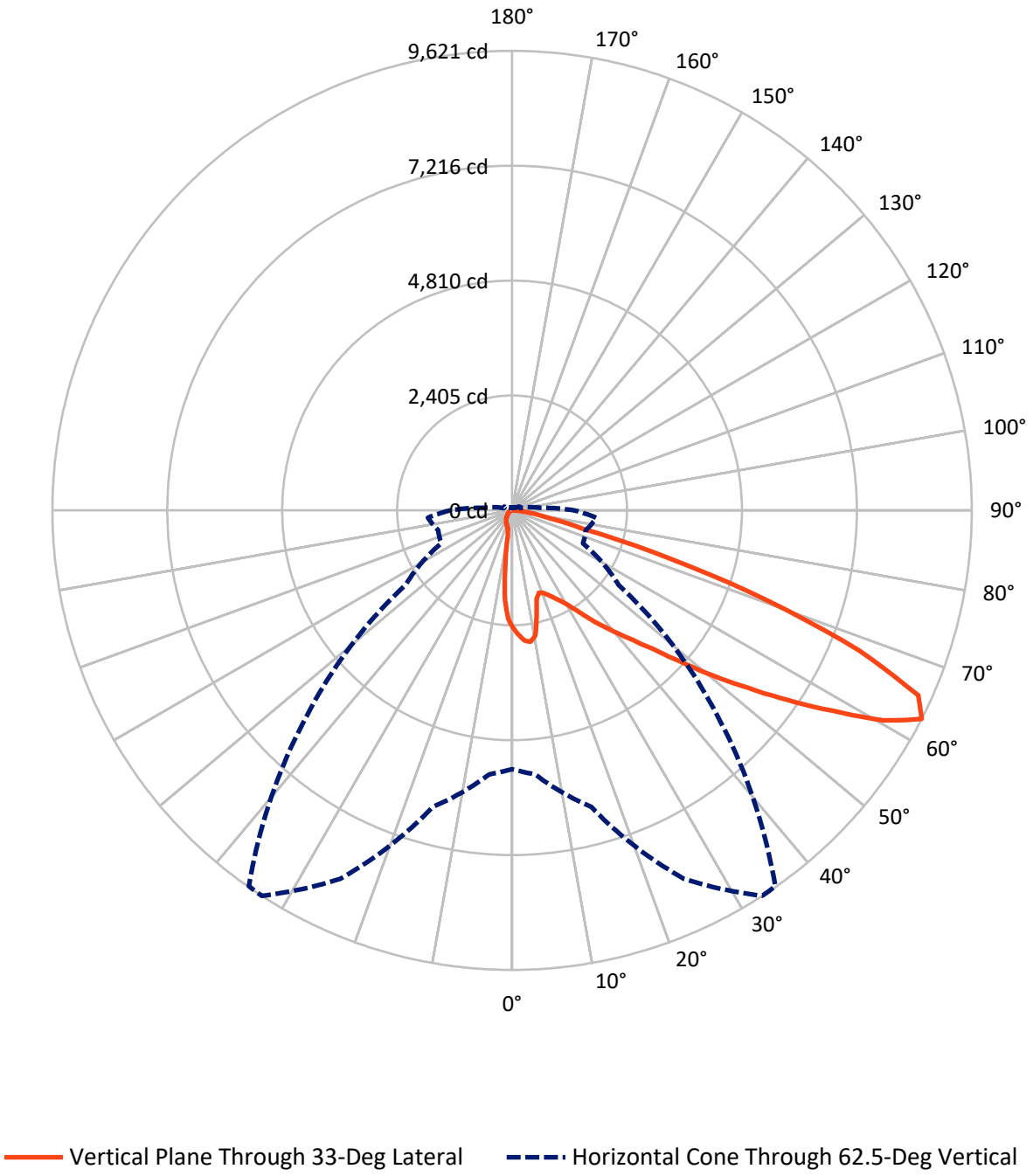
Based on 10 foot mounting height. Maximum calculated value = 29.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1502651
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Luminous Intensity Polar Plot



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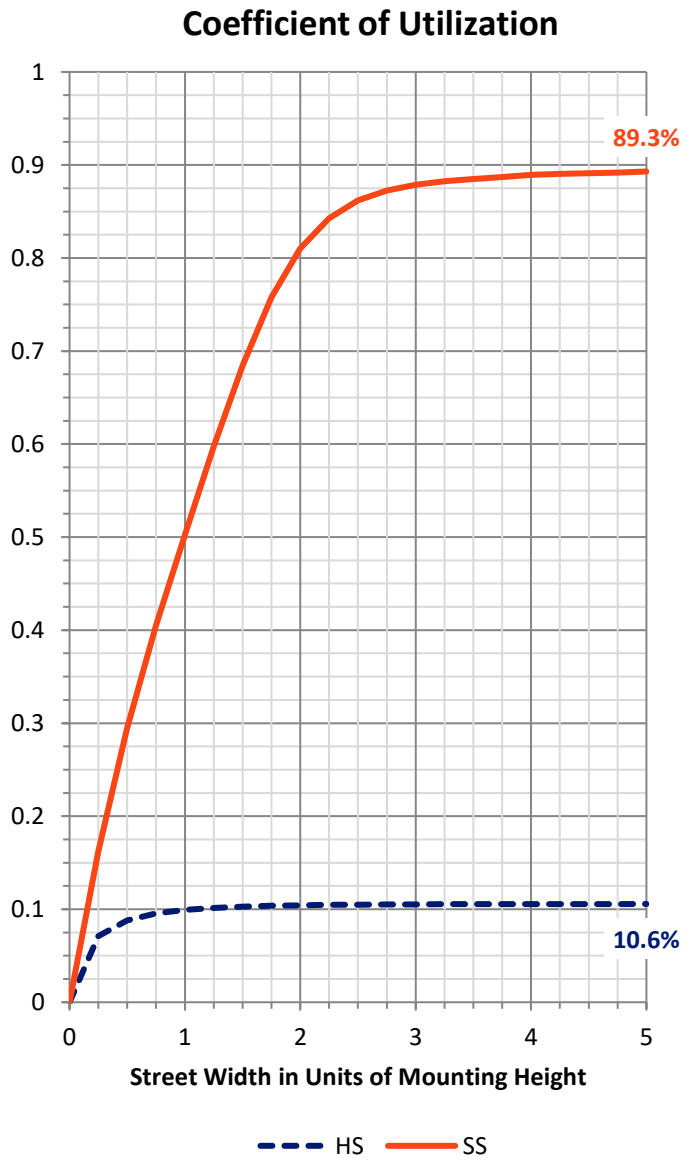
REPORT NUMBER: P1502651
CATALOG NUMBER: GSS-SB2C-827-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1030.7	0.0	1030.7
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	8655.5	0.0	8655.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	9686.2	0.0	9686.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.2	2.2
10°-20°	466.8	4.8
20°-30°	752.3	7.8
30°-40°	1251.6	12.9
40°-50°	1978.1	20.4
50°-60°	2657.6	27.4
60°-70°	1950.9	20.1
70°-80°	386.1	4.0
80°-90°	33.5	0.3
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°	9686.2	100.0
0°-180°	9686.2	100.0



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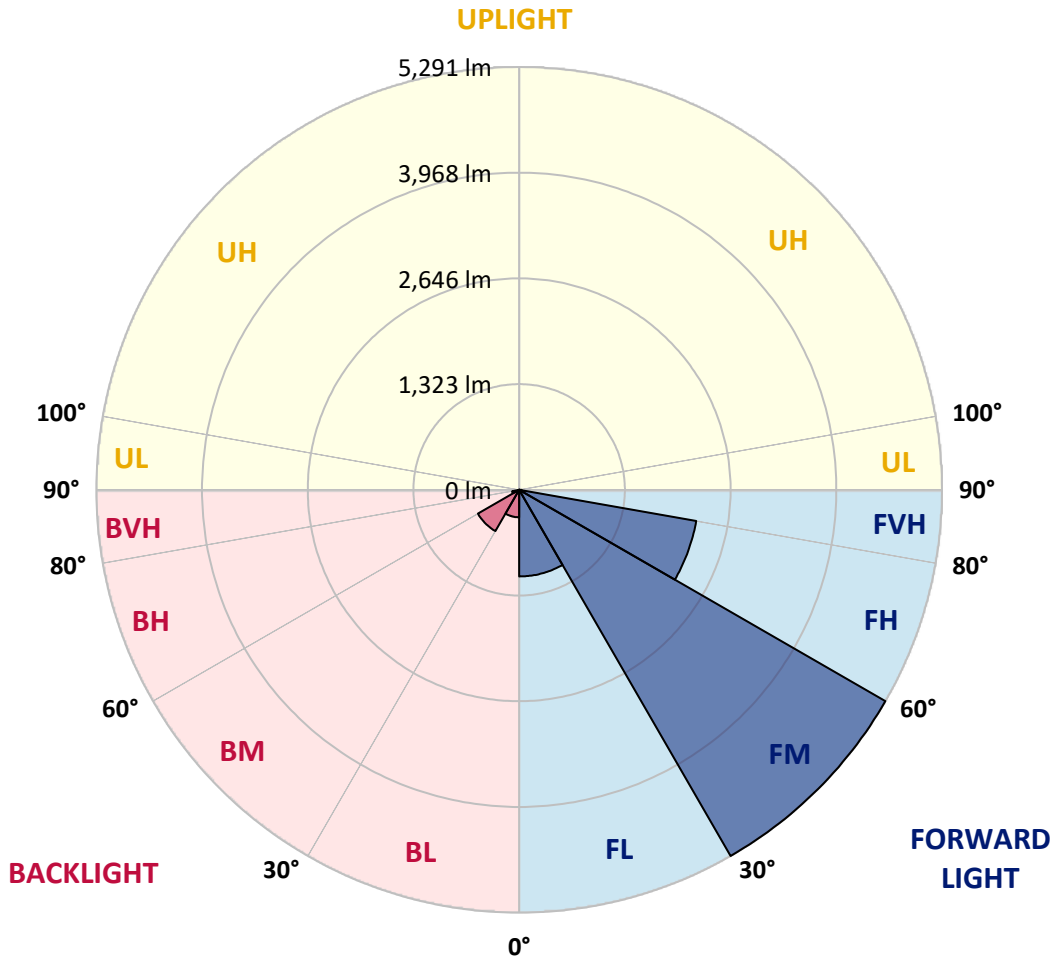
Scaled Data Report

REPORT NUMBER: P1502651
CATALOG NUMBER: GSS-SB2C-827-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1084.4	11.2			
FM	(30°-60°)	5291.1	54.6			
FH	(60°-80°)	2249.0	23.2			G2/5000
FVH	(80°-90°)	31.0	0.3			G1/100
BL	(0°-30°)	343.9	3.6	B1/500		
BM	(30°-60°)	596.2	6.2	B1/1000		
BH	(60°-80°)	88.1	0.9	B0/110		G0/110
BVH	(80°-90°)	2.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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REPORT NUMBER: P1502651
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4
2.5°	2621.3	2632.3	2632.3	2610.4	2605.0	2594.1	2583.2	2580.4	2545.0	2517.7	2490.4
5°	2755.0	2752.3	2749.5	2738.6	2741.4	2727.7	2719.5	2705.9	2645.9	2605.0	2531.3
7.5°	2697.7	2722.3	2733.2	2763.2	2776.8	2774.1	2795.9	2801.4	2749.5	2692.3	2580.4
10°	2324.0	2310.4	2408.6	2536.8	2665.0	2695.0	2812.3	2875.0	2855.9	2804.1	2659.5
12.5°	1841.2	1854.9	1923.0	2073.1	2283.1	2348.6	2686.8	2935.0	2989.6	2956.8	2768.6
15°	1685.7	1685.7	1721.2	1792.1	1917.6	1980.3	2397.7	2926.8	3131.4	3134.2	2905.0
17.5°	1653.0	1658.5	1688.5	1734.8	1816.7	1843.9	2135.8	2806.8	3270.5	3319.6	3057.8
20°	1658.5	1666.6	1699.4	1764.8	1843.9	1876.7	2067.6	2654.1	3387.8	3521.5	3218.7
22.5°	1677.5	1674.8	1732.1	1819.4	1920.3	1950.3	2124.9	2591.3	3486.0	3753.3	3406.9
25°	1699.4	1702.1	1775.7	1898.5	2021.2	2056.7	2253.1	2648.6	3556.9	4001.6	3597.9
27.5°	1764.8	1773.0	1863.0	1996.7	2141.3	2187.6	2419.5	2798.6	3679.7	4241.6	3805.2
30°	1865.8	1873.9	1977.6	2138.5	2294.0	2364.9	2626.8	2986.9	3862.5	4519.8	4017.9
32.5°	1983.1	1994.0	2127.6	2313.1	2501.3	2569.5	2864.1	3273.3	4105.2	4803.5	4238.9
35°	2130.4	2160.4	2304.9	2525.9	2779.5	2845.0	3156.0	3597.9	4421.6	5057.2	4427.1
37.5°	2332.2	2356.8	2534.1	2809.6	3066.0	3153.2	3483.3	3938.8	4708.0	5283.6	4579.8
40°	2577.7	2599.5	2798.6	3098.7	3366.0	3439.7	3827.0	4282.5	5016.3	5409.1	4612.6
42.5°	2986.9	3046.9	3172.3	3426.0	3712.4	3805.2	4208.9	4615.3	5240.0	5433.6	4560.7
45°	3701.5	3720.6	3747.9	3867.9	4143.4	4225.2	4612.6	4904.4	5373.6	5439.1	4514.4
47.5°	4386.2	4451.6	4489.8	4544.4	4710.8	4740.8	5035.4	5163.6	5480.0	5420.0	4514.4
50°	5070.8	5119.9	5185.4	5250.9	5428.2	5439.1	5482.7	5338.2	5485.4	5264.5	4487.1
52.5°	5692.8	5709.1	5821.0	5946.4	6167.4	6227.4	5897.3	5466.4	5155.4	4773.5	4358.9
55°	6249.2	6271.0	6440.1	6696.6	7013.0	7092.1	6404.7	5218.1	4448.9	4138.0	4061.6
57.5°	6609.3	6661.1	6999.3	7564.0	7921.3	7885.8	6797.5	4637.1	3573.3	3385.1	3535.1
60°	6429.2	6500.2	7212.1	8292.3	8927.8	8824.2	6688.4	3816.1	2640.4	2504.0	2798.6
62.5°	5417.3	5548.2	6429.2	8507.8	9620.7	9604.3	6071.9	2722.3	1636.6	1601.2	1767.6
65°	3767.0	3993.4	5038.1	7787.6	9342.4	9367.0	5111.7	1584.8	758.3	941.1	1033.8
67.5°	2220.4	2381.3	3246.0	6358.3	7839.5	7613.1	3475.1	733.8	379.2	572.8	548.3
70°	976.5	1085.6	1860.3	4405.3	5711.8	5346.3	1696.6	357.3	289.1	346.4	302.8
72.5°	537.4	586.5	979.3	2326.7	3475.1	3303.3	572.8	237.3	248.2	259.1	218.2
75°	300.0	321.9	515.5	1344.8	1527.5	1421.1	278.2	155.5	210.0	210.0	160.9
77.5°	174.6	193.7	321.9	837.4	837.4	676.5	169.1	98.2	158.2	141.8	87.3
80°	81.8	92.7	177.3	463.7	529.2	436.4	95.5	68.2	103.7	90.0	57.3
82.5°	24.5	30.0	87.3	180.0	300.0	256.4	49.1	43.6	76.4	57.3	32.7
85°	16.4	19.1	43.6	73.6	147.3	128.2	16.4	13.6	32.7	27.3	13.6
87.5°	2.7	2.7	5.5	5.5	5.5	5.5	2.7	2.7	0.0	0.0	0.0
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: P1502651
CATALOG NUMBER: GSS-SB2C-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4	2460.4
2.5°	2474.0	2454.9	2411.3	2370.4	2348.6	2299.5	2280.4	2258.6	2247.6	2244.9	2228.5
5°	2485.0	2449.5	2340.4	2231.3	2116.7	2007.6	1895.8	1797.6	1718.5	1721.2	1723.9
7.5°	2517.7	2446.8	2255.8	2037.6	1792.1	1508.4	1205.7	979.3	834.7	804.7	777.4
10°	2561.3	2457.7	2152.2	1748.5	1265.7	796.5	561.9	480.1	444.6	436.4	439.2
12.5°	2643.2	2485.0	2021.2	1350.2	701.0	458.3	406.4	392.8	387.3	387.3	387.3
15°	2744.1	2523.1	1816.7	883.8	458.3	381.9	371.0	368.2	362.8	362.8	365.5
17.5°	2828.6	2523.1	1546.6	575.5	376.4	354.6	346.4	343.7	343.7	346.4	343.7
20°	2921.4	2504.0	1243.8	433.7	349.1	330.1	324.6	324.6	324.6	327.3	327.3
22.5°	3016.9	2471.3	962.9	371.0	324.6	308.2	305.5	308.2	311.0	313.7	313.7
25°	3123.2	2430.4	761.0	343.7	302.8	289.1	289.1	289.1	291.9	297.3	300.0
27.5°	3240.5	2394.9	651.9	327.3	283.7	270.0	270.0	272.8	278.2	281.0	283.7
30°	3349.6	2394.9	616.5	335.5	275.5	259.1	253.7	256.4	261.9	267.3	267.3
32.5°	3486.0	2422.2	635.6	371.0	272.8	242.8	237.3	237.3	242.8	245.5	245.5
35°	3600.6	2474.0	701.0	420.1	283.7	229.1	218.2	215.5	220.9	218.2	220.9
37.5°	3693.3	2545.0	821.0	485.5	305.5	212.8	199.1	190.9	190.9	190.9	190.9
40°	3720.6	2615.9	973.8	529.2	302.8	193.7	174.6	166.4	163.7	160.9	160.9
42.5°	3682.4	2648.6	1096.5	526.5	270.0	180.0	155.5	144.6	136.4	133.7	133.7
45°	3652.4	2665.0	1140.2	458.3	245.5	163.7	139.1	125.5	117.3	114.6	111.8
47.5°	3655.1	2681.3	1074.7	373.7	223.7	150.0	125.5	111.8	103.7	100.9	98.2
50°	3666.1	2654.1	911.1	311.0	204.6	136.4	111.8	100.9	92.7	90.0	87.3
52.5°	3551.5	2509.5	641.0	272.8	188.2	128.2	100.9	92.7	84.6	81.8	81.8
55°	3251.4	2163.1	433.7	242.8	174.6	117.3	92.7	87.3	79.1	73.6	73.6
57.5°	2771.4	1631.2	300.0	220.9	152.8	106.4	87.3	79.1	70.9	65.5	65.5
60°	2119.4	1063.8	218.2	201.9	125.5	98.2	81.8	76.4	65.5	60.0	57.3
62.5°	*1290.2*	*597.4*	*177.3*	*177.3*	*106.4*	*92.7*	*73.6*	*68.2*	*57.3*	*49.1*	*46.4*
65°	747.4	351.9	144.6	150.0	92.7	84.6	65.5	57.3	46.4	38.2	35.5
67.5°	360.1	204.6	114.6	106.4	81.8	70.9	57.3	49.1	40.9	32.7	30.0
70°	220.9	158.2	87.3	76.4	65.5	54.6	46.4	43.6	35.5	27.3	27.3
72.5°	180.0	128.2	68.2	54.6	49.1	38.2	38.2	35.5	27.3	21.8	19.1
75°	141.8	95.5	51.8	38.2	30.0	30.0	27.3	24.5	21.8	16.4	16.4
77.5°	76.4	65.5	38.2	21.8	16.4	19.1	19.1	16.4	13.6	10.9	10.9
80°	49.1	38.2	21.8	10.9	10.9	10.9	10.9	8.2	8.2	5.5	5.5
82.5°	24.5	19.1	10.9	2.7	5.5	5.5	5.5	5.5	5.5	2.7	2.7
85°	5.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
87.5°	0.0	0.0	0.0	0.0	0.0	2.7	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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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

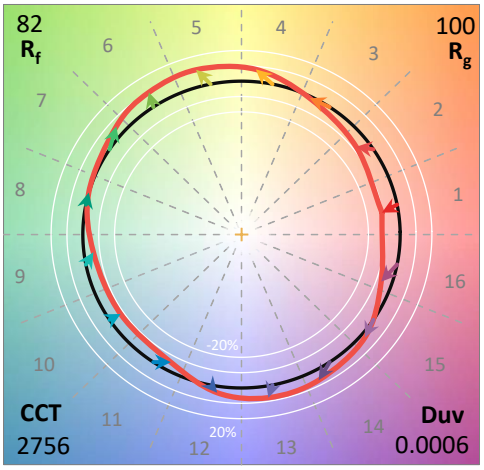
Test Information

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

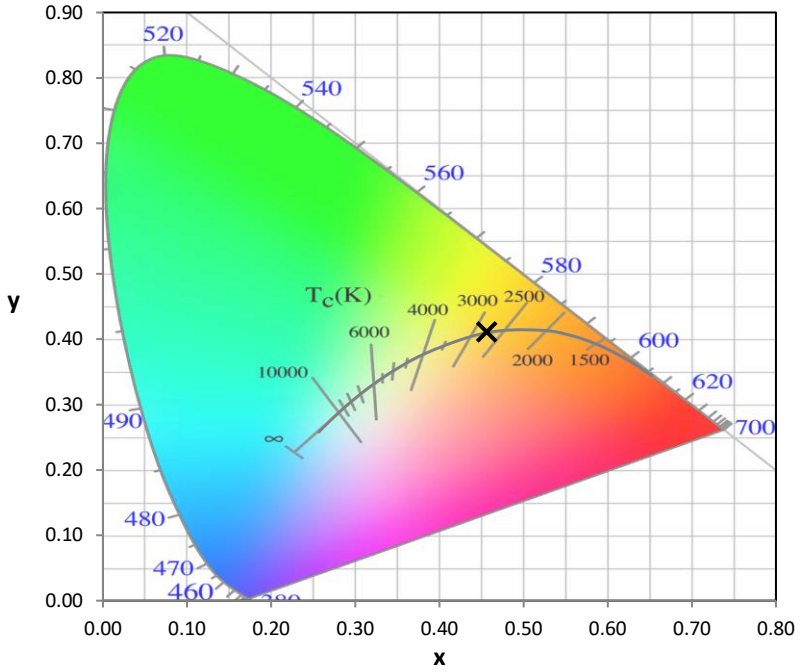
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

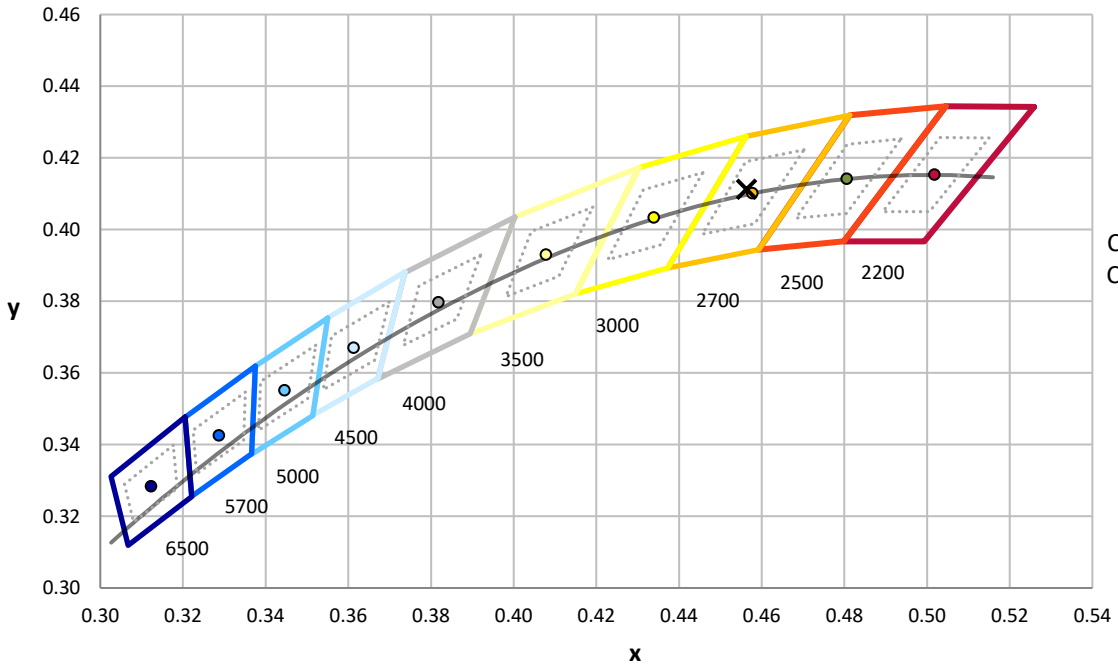
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

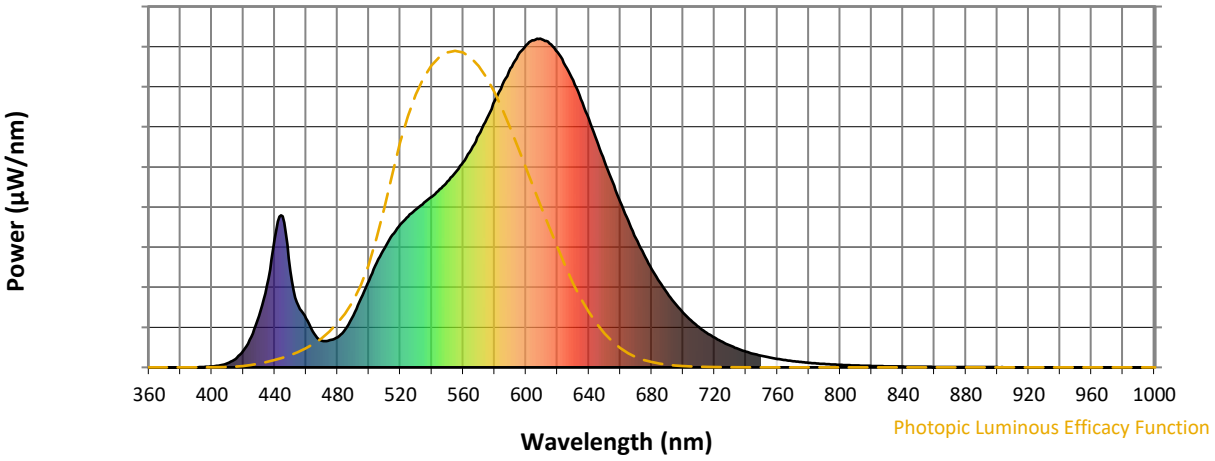


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

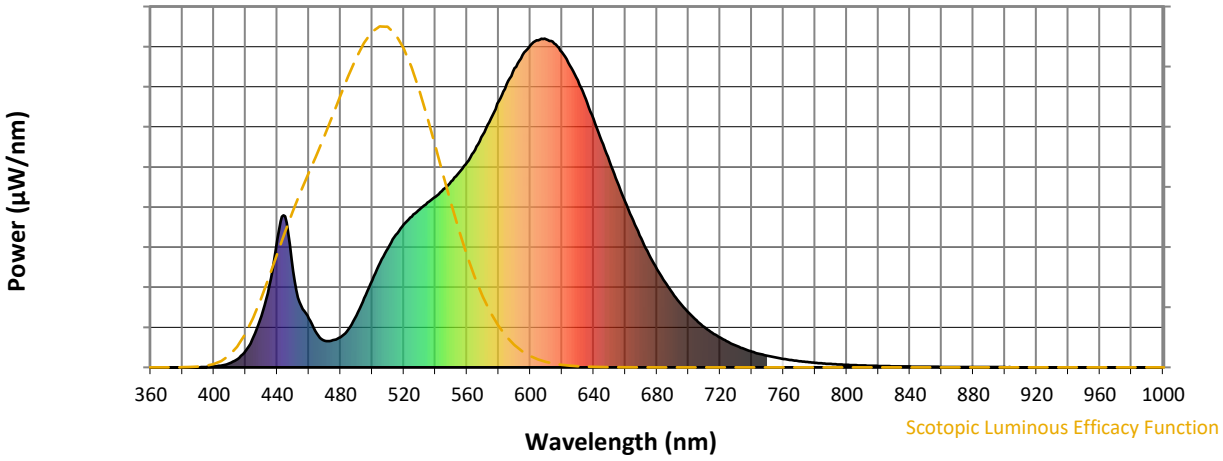


Photopic Lumens: NR

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

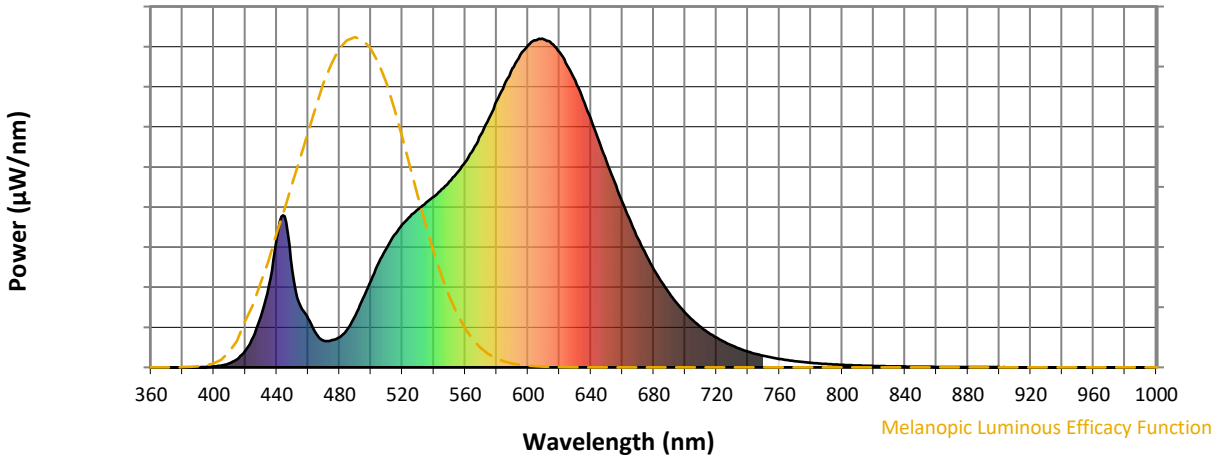


Scotopic Lumens: NR **S/P: 1.2**

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			

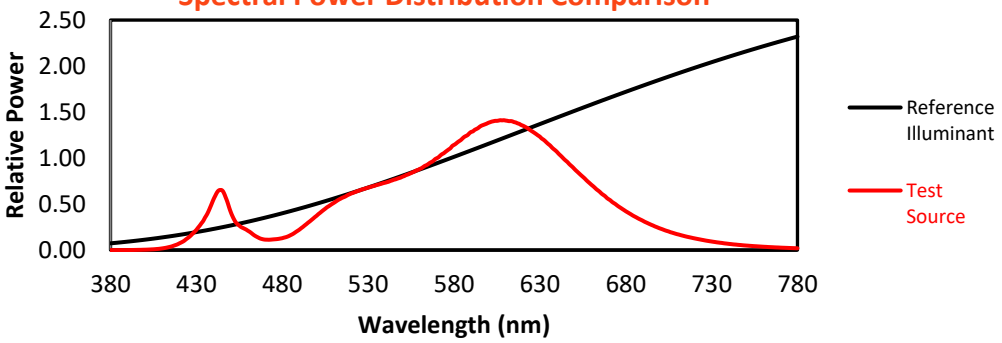
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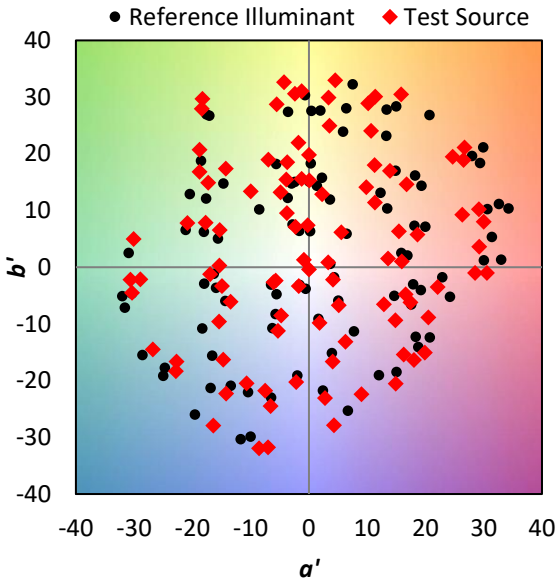
Summary

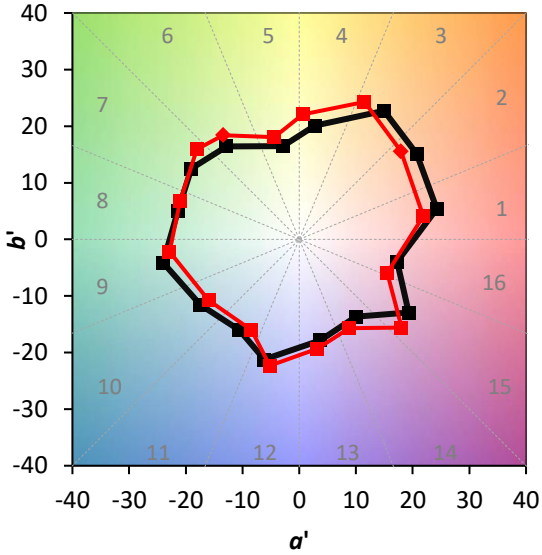
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

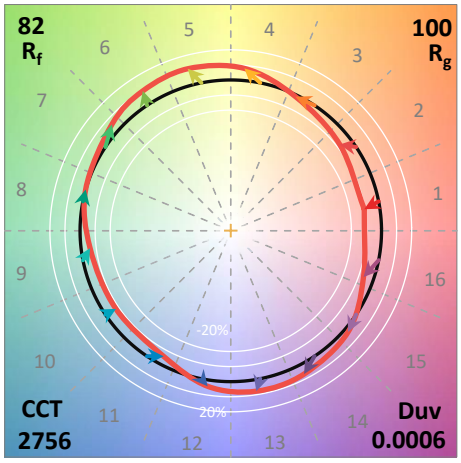
Spectral Power Distribution Comparison

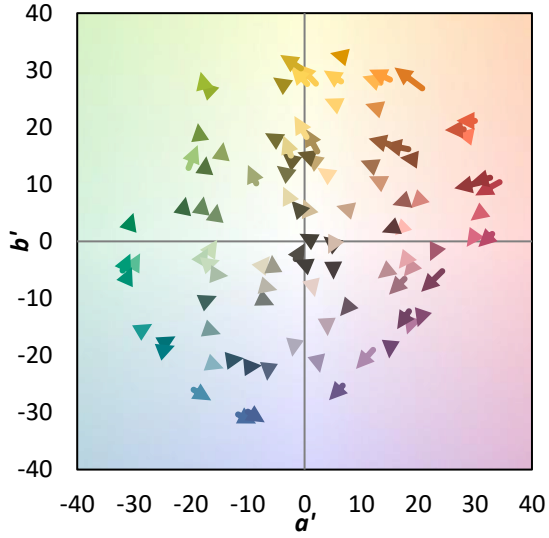


Color Vector Graphics







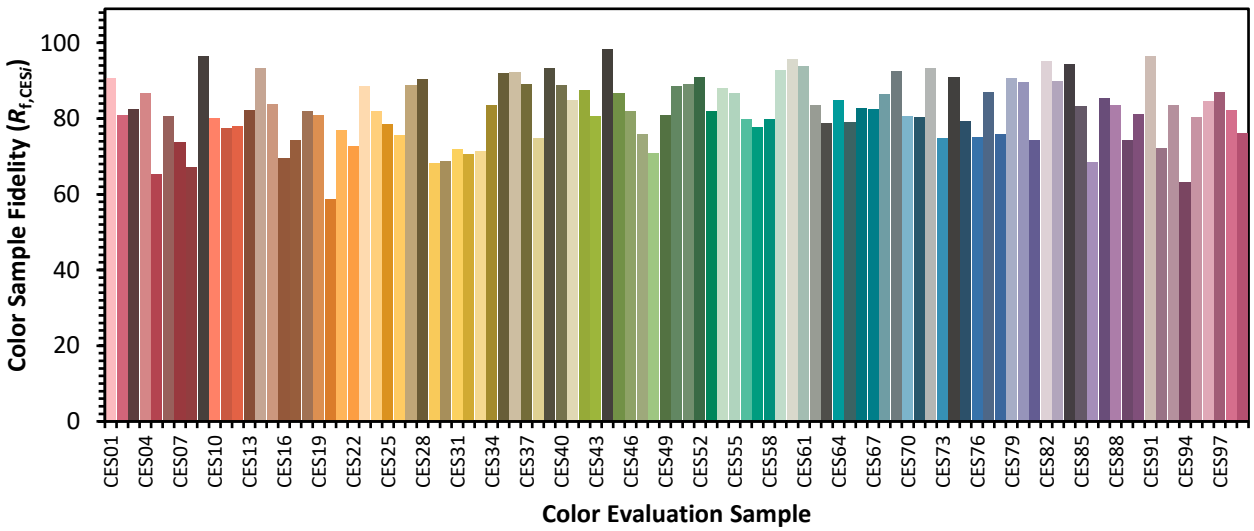


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Individual Sample Fidelity Index ($R_{f,i}$)

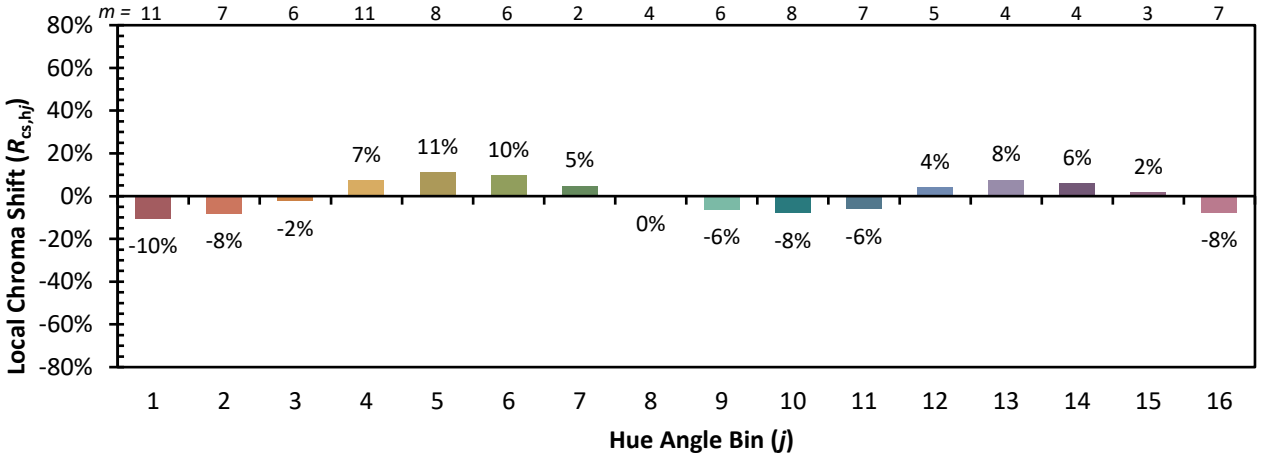
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57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

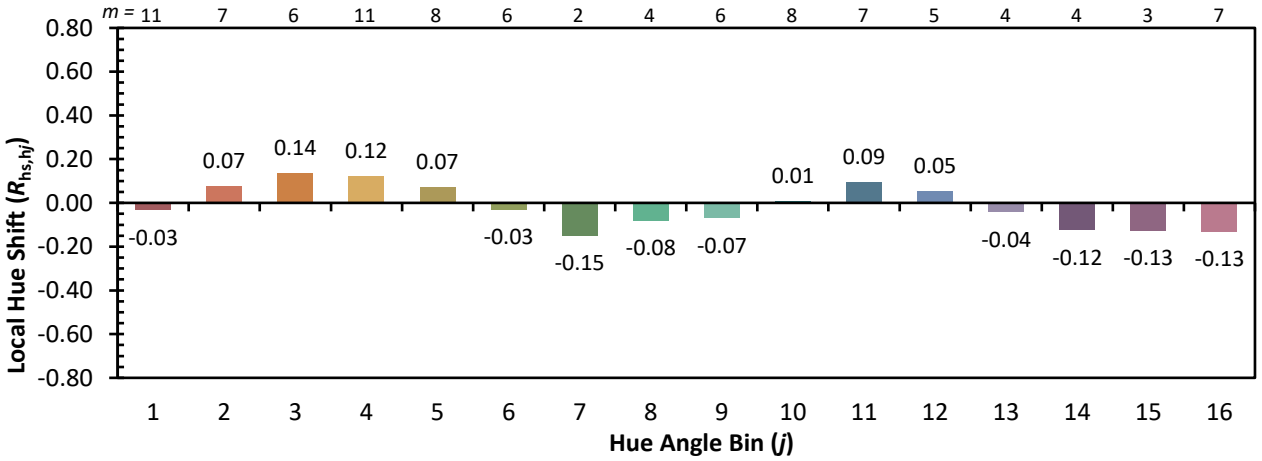


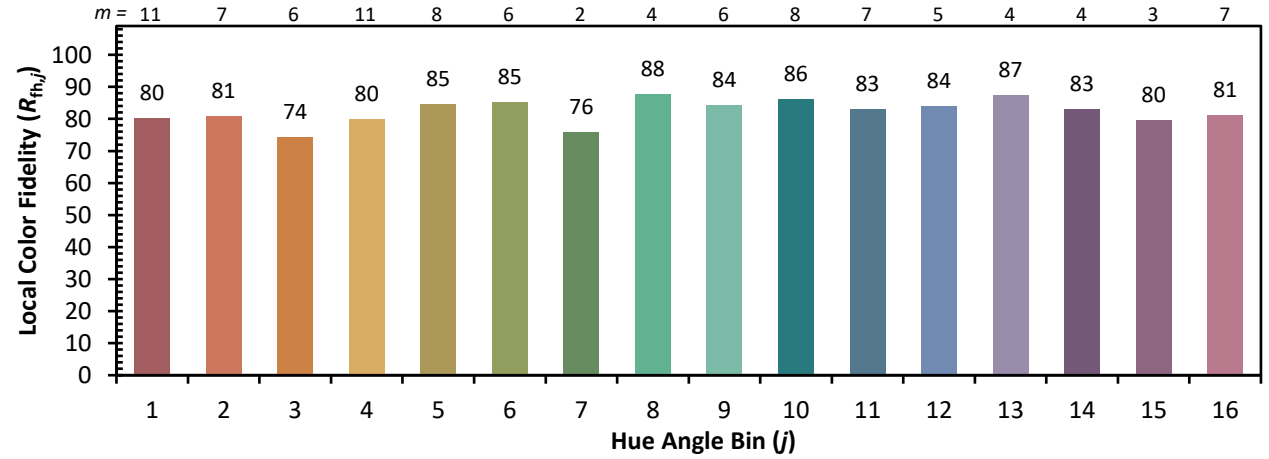
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Color Rendition by Hue-Angle Bin



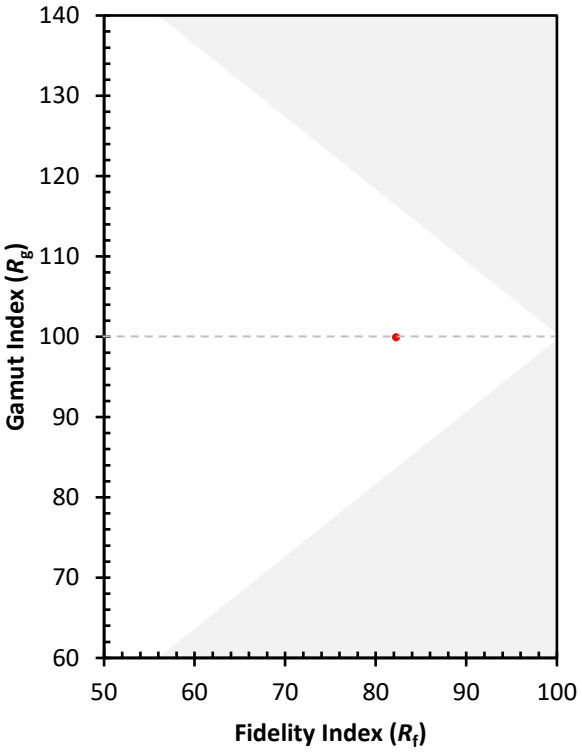


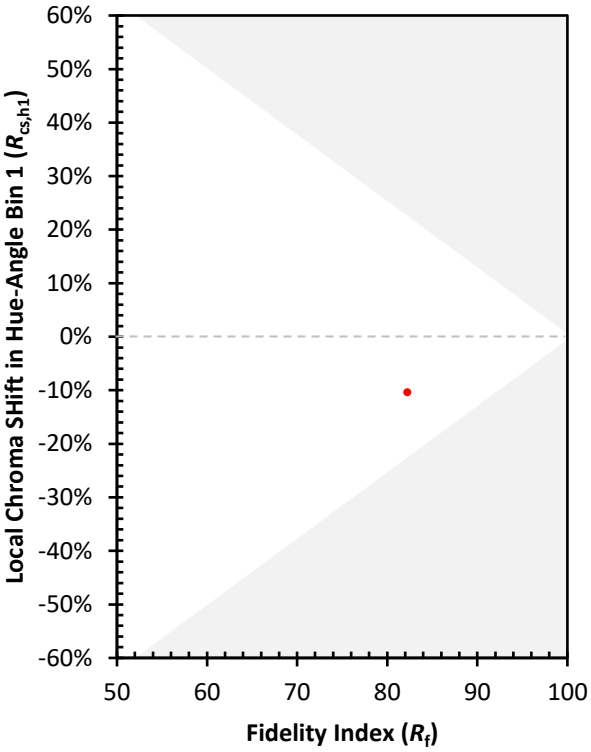


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Measure Comparisons





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