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: P1502263

Luminaire Tested: GSS-SB1C-827-U-T3LG-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:	P1502263
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-827-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 80CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4925.6 lumens
Efficiency:	N/A
Efficacy:	94.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

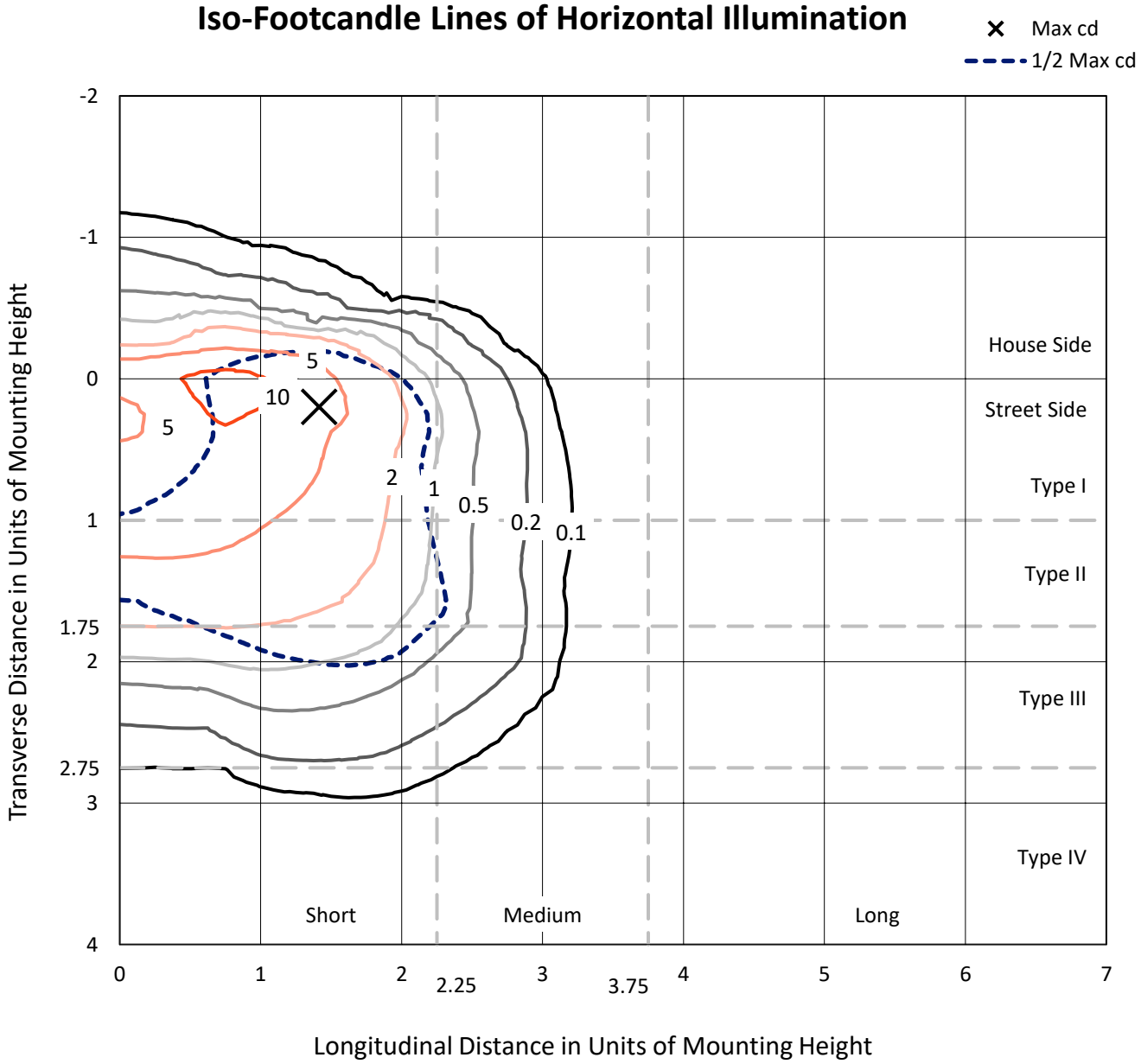
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502263
CATALOG NUMBER: GSS-SB1C-827-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



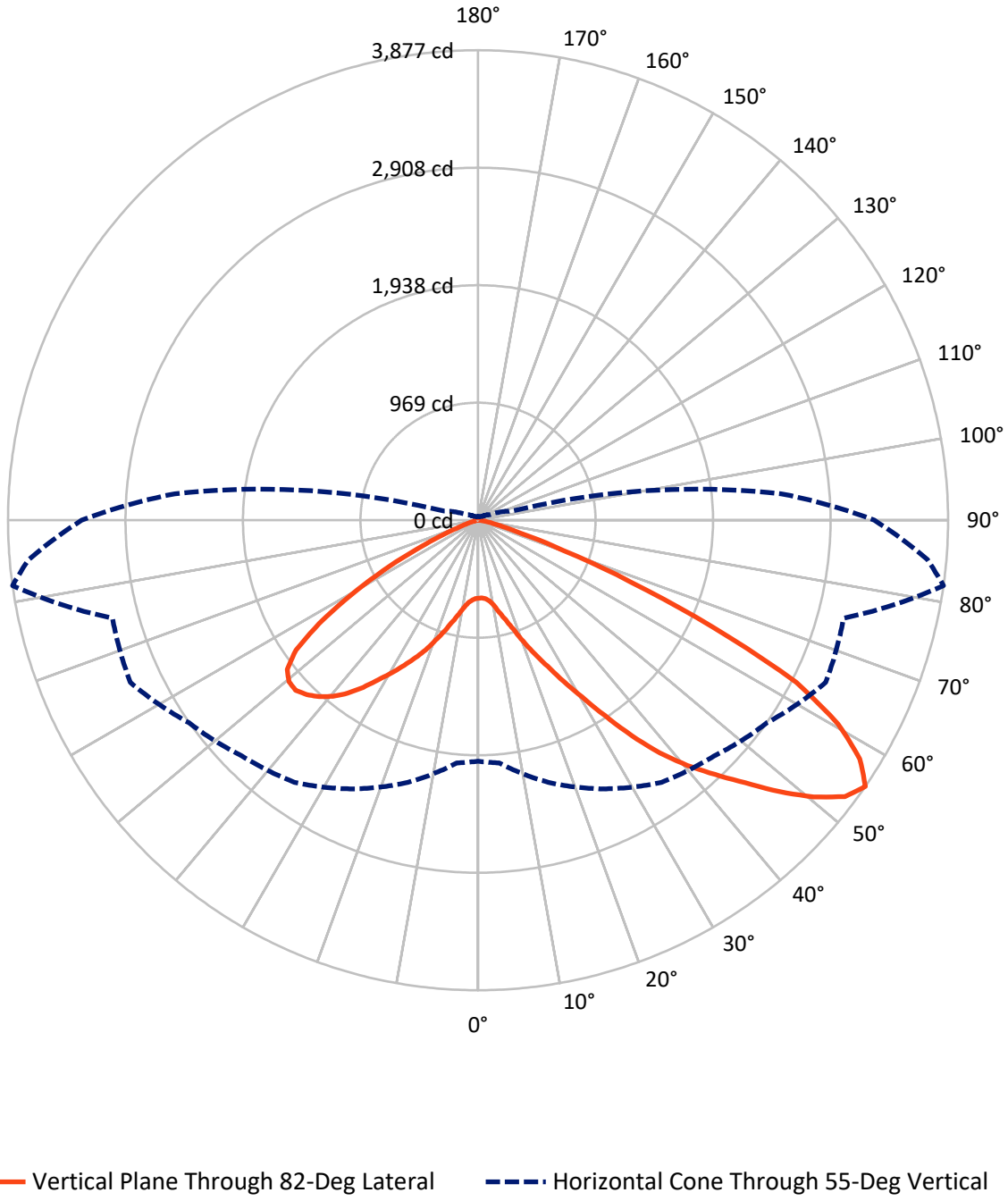
Based on 10 foot mounting height. Maximum calculated value = 12 fc
Type III - Short - N/A

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REPORT NUMBER: P1502263
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Luminous Intensity Polar Plot



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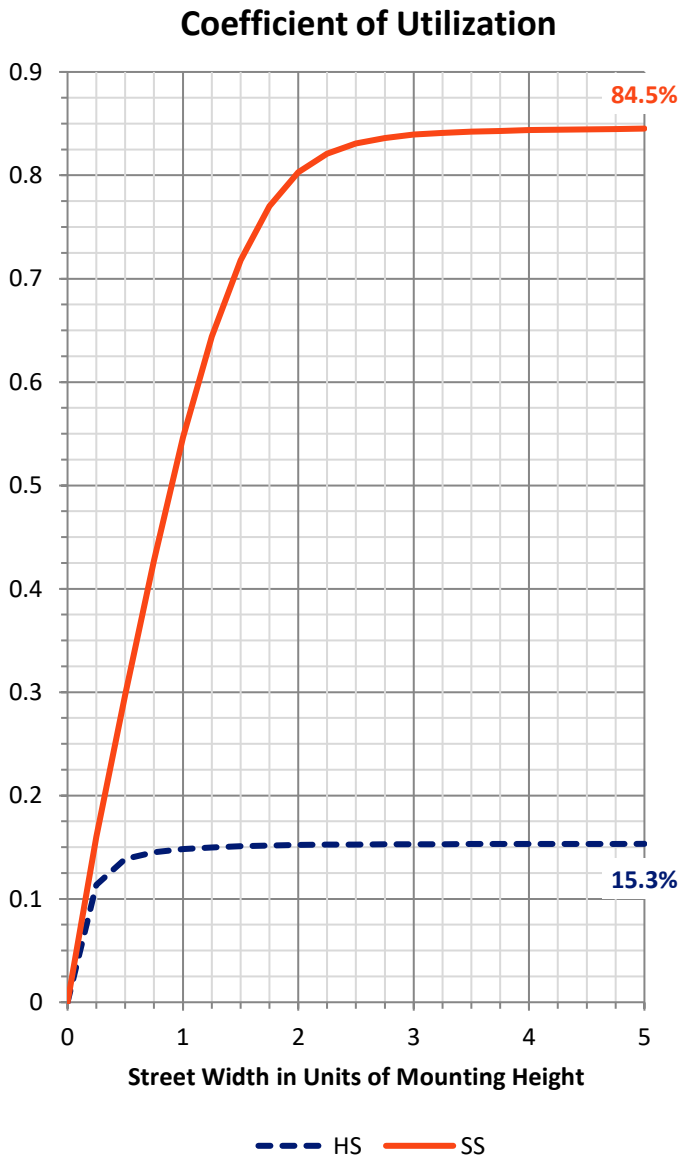
REPORT NUMBER: P1502263
CATALOG NUMBER: GSS-SB1C-827-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	761.3	0.0	761.3
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	4164.3	0.0	4164.3
	% Fixture	84.5	0.0	84.5
Total	Lumens	4925.6	0.0	4925.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.3	1.2
10°-20°	157.8	3.2
20°-30°	315.4	6.4
30°-40°	653.2	13.3
40°-50°	1091.2	22.2
50°-60°	1384.0	28.1
60°-70°	1034.7	21.0
70°-80°	219.2	4.4
80°-90°	11.8	0.2
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°	4925.6	100.0
0°-180°	4925.6	100.0



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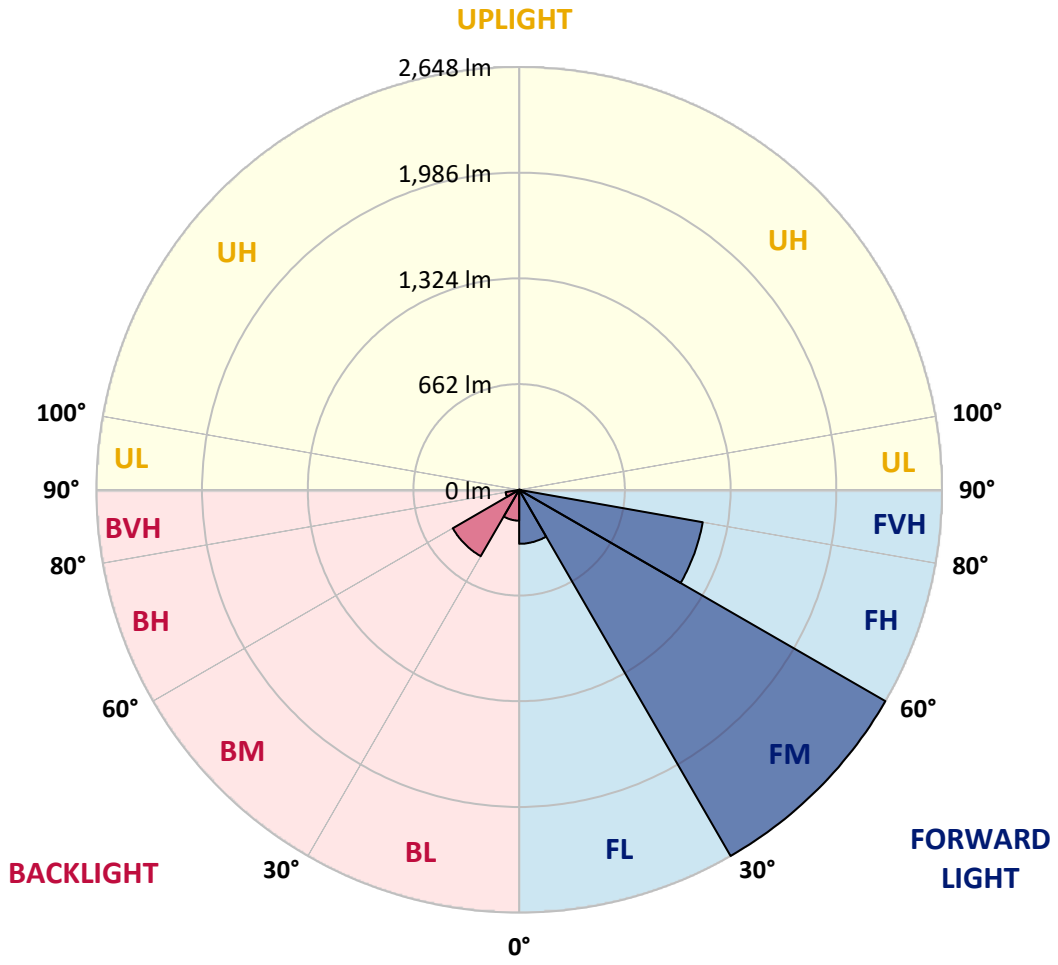
Scaled Data Report

REPORT NUMBER: P1502263
CATALOG NUMBER: GSS-SB1C-827-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	338.3	6.9			
FM	(30°-60°)	2648.1	53.8			
FH	(60°-80°)	1167.4	23.7			G1/1800
FVH	(80°-90°)	10.5	0.2			G1/100
BL	(0°-30°)	193.3	3.9	B1/500		
BM	(30°-60°)	480.4	9.8	B1/1000		
BH	(60°-80°)	86.5	1.8	B0/110		G0/110
BVH	(80°-90°)	1.2	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-G1
Type III Short



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REPORT NUMBER: P1502263
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	643.0	643.0	643.0	643.0	643.0	643.0	643.0	643.0	643.0	*643.0*	643.0
2.5°	625.7	627.0	624.3	625.7	628.3	627.0	632.3	636.4	640.4	*641.7*	643.0
5°	570.8	572.2	573.5	584.2	590.9	606.9	621.6	631.0	644.4	*651.1*	652.4
7.5°	505.3	505.3	510.7	524.1	541.4	572.2	605.6	632.3	657.7	*671.1*	673.8
10°	493.3	494.6	494.6	504.0	518.7	549.5	592.2	645.7	691.2	*711.2*	717.9
12.5°	496.0	497.3	498.7	508.0	522.7	549.5	604.3	673.8	744.6	*778.1*	782.1
15°	502.7	505.3	509.4	521.4	537.4	572.2	629.7	713.9	808.8	*851.6*	862.3
17.5°	522.7	524.1	530.7	544.1	569.5	604.3	667.1	766.0	898.4	*945.2*	965.2
20°	553.5	556.1	565.5	584.2	613.6	657.7	727.3	834.2	994.6	*1066.8*	1082.9
22.5°	592.2	592.2	605.6	635.0	676.5	725.9	810.1	925.1	1112.3	*1196.5*	1223.2
25°	656.4	655.1	665.8	699.2	748.7	820.8	906.4	1033.4	1235.3	*1335.5*	1363.6
27.5°	803.5	799.5	795.4	796.8	839.6	931.8	1030.7	1169.8	1387.7	*1505.3*	1526.7
30°	974.6	979.9	974.6	961.2	967.9	1053.5	1176.5	1336.9	1558.8	*1691.2*	1719.2
32.5°	1124.3	1127.0	1149.7	1164.4	1169.8	1209.9	1344.9	1538.7	1776.7	*1921.1*	1957.2
35°	1287.4	1291.4	1316.8	1347.6	1395.7	1431.8	1556.1	1772.7	1998.6	*2180.4*	2207.2
37.5°	1477.3	1483.9	1517.4	1561.5	1628.3	1711.2	1778.0	1985.3	2224.6	*2434.5*	2462.5
40°	1644.4	1665.8	1723.2	1779.4	1850.2	1943.8	1987.9	2171.1	2391.7	*2659.1*	2705.8
42.5°	1802.1	1814.1	1906.4	1993.3	2077.5	2153.7	2196.5	2316.8	2540.1	*2867.6*	2919.7
45°	1933.1	1942.5	2045.4	2160.4	2264.7	2340.9	2347.6	2458.5	2687.1	*3088.2*	3128.3
47.5°	2013.3	2028.0	2160.4	2291.4	2406.4	2477.2	2466.5	2639.0	2847.6	*3344.9*	3350.2
50°	2061.5	2070.8	2205.8	2375.6	2517.3	2566.8	2589.5	2811.5	2993.3	*3588.2*	3556.1
52.5°	2096.2	2110.9	2243.3	2423.8	2582.8	2649.7	2731.2	3005.3	3108.2	*3787.4*	3701.8
55°	*1987.9*	*2009.3*	*2237.9*	*2445.2*	*2639.0*	*2751.3*	*2911.7*	*3164.4*	*3121.6*	*3876.9*	*3720.5*
57.5°	1866.3	1870.3	2096.2	2438.5	2701.8	2858.2	3077.5	3176.4	2997.3	*3713.8*	3530.7
60°	1687.1	1711.2	1942.5	2351.6	2712.5	2943.8	3189.8	3030.7	2770.0	*3411.7*	3136.3
62.5°	1184.5	1221.9	1524.0	2123.0	2636.3	2990.6	3171.1	2776.7	2485.3	*2945.1*	2636.3
65°	663.1	695.2	942.5	1712.5	2426.4	2979.9	2978.6	2437.1	2028.0	*2128.3*	1885.0
67.5°	363.6	389.0	489.3	1288.8	1925.1	2751.3	2573.5	1859.6	1359.6	*1351.6*	1176.5
70°	254.0	255.3	308.8	870.3	1383.7	1919.8	2012.0	1247.3	843.6	*746.0*	629.7
72.5°	124.3	125.7	153.7	410.4	846.2	1064.2	1379.7	648.4	473.3	*370.3*	315.5
75°	62.8	61.5	84.2	153.7	350.3	518.7	608.3	324.9	275.4	*203.2*	180.5
77.5°	40.1	41.4	49.5	84.2	157.8	201.9	187.2	176.5	161.8	*119.0*	102.9
80°	26.7	26.7	33.4	53.5	77.5	96.3	57.5	81.5	94.9	*69.5*	60.2
82.5°	8.0	8.0	20.1	29.4	37.4	38.8	25.4	37.4	53.5	*38.8*	29.4
85°	5.3	5.3	10.7	14.7	16.0	13.4	8.0	16.0	25.4	*17.4*	14.7
87.5°	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	*1.3*	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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Scaled Data Report

REPORT NUMBER: P1502263
CATALOG NUMBER: GSS-SB1C-827-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	643.0	643.0	643.0	643.0	643.0	643.0	643.0	643.0	643.0	643.0	643.0
2.5°	644.4	645.7	649.7	651.1	653.7	655.1	655.1	655.1	653.7	655.1	657.7
5°	655.1	661.8	667.1	665.8	665.8	659.1	653.7	643.0	637.7	636.4	637.7
7.5°	681.8	687.2	692.5	684.5	664.4	633.7	600.3	573.5	550.8	540.1	544.1
10°	729.9	736.6	736.6	699.2	643.0	570.8	510.7	461.2	423.8	403.7	413.1
12.5°	799.5	804.8	791.4	712.6	605.6	486.6	386.4	303.5	255.3	231.3	225.9
15°	879.7	887.7	842.2	709.9	546.8	363.6	240.6	180.5	163.1	157.8	159.1
17.5°	982.6	986.6	898.4	688.5	445.2	238.0	171.1	153.7	149.7	147.1	147.1
20°	1109.6	1097.6	943.8	652.4	324.9	187.2	157.8	144.4	140.4	139.0	140.4
22.5°	1246.0	1227.3	981.3	584.2	246.0	176.5	151.1	136.4	131.0	129.7	129.7
25°	1389.0	1346.2	1010.7	483.9	229.9	173.8	143.0	124.3	119.0	116.3	116.3
27.5°	1552.1	1478.6	1026.7	405.1	234.0	169.8	133.7	113.6	105.6	102.9	102.9
30°	1732.6	1625.6	1028.1	389.0	242.0	164.4	124.3	101.6	93.6	89.6	90.9
32.5°	1951.8	1775.4	1024.0	414.4	247.3	160.4	113.6	89.6	82.9	78.9	78.9
35°	2179.1	1957.2	1008.0	462.6	250.0	148.4	100.3	78.9	70.9	69.5	70.9
37.5°	2405.0	2129.6	985.3	489.3	236.6	121.7	81.5	68.2	62.8	62.8	62.8
40°	2610.9	2279.4	954.5	466.6	188.5	88.2	66.8	58.8	56.1	54.8	56.1
42.5°	2764.7	2413.1	898.4	393.0	133.7	70.9	58.8	52.1	49.5	49.5	50.8
45°	2933.1	2541.4	790.1	288.8	101.6	61.5	50.8	45.5	44.1	44.1	45.5
47.5°	3102.9	2644.3	685.8	192.5	88.2	54.8	45.5	41.4	40.1	38.8	40.1
50°	3232.6	2693.8	549.5	140.4	80.2	49.5	41.4	38.8	36.1	34.8	34.8
52.5°	3324.8	2680.4	402.4	120.3	73.5	45.5	38.8	36.1	32.1	32.1	32.1
55°	*3268.7*	*2509.3*	*290.1*	*108.3*	*68.2*	*42.8*	*37.4*	*33.4*	*30.7*	*29.4*	*29.4*
57.5°	2995.9	2139.0	209.9	97.6	60.2	40.1	36.1	32.1	28.1	26.7	26.7
60°	2604.2	1665.8	156.4	85.6	52.1	38.8	32.1	30.7	26.7	24.1	24.1
62.5°	2128.3	1212.5	121.7	73.5	46.8	33.4	30.7	28.1	24.1	21.4	20.1
65°	1477.3	774.1	93.6	60.2	44.1	29.4	28.1	24.1	20.1	16.0	16.0
67.5°	911.8	459.9	72.2	46.8	34.8	25.4	24.1	21.4	17.4	13.4	13.4
70°	504.0	243.3	49.5	34.8	26.7	20.1	18.7	18.7	14.7	12.0	10.7
72.5°	242.0	132.4	33.4	29.4	20.1	13.4	14.7	14.7	12.0	9.4	9.4
75°	145.7	78.9	22.7	22.7	13.4	10.7	10.7	12.0	9.4	6.7	6.7
77.5°	82.9	46.8	13.4	17.4	9.4	6.7	8.0	6.7	5.3	4.0	4.0
80°	46.8	26.7	8.0	12.0	5.3	4.0	4.0	2.7	2.7	1.3	1.3
82.5°	22.7	14.7	4.0	4.0	2.7	1.3	1.3	1.3	1.3	0.0	0.0
85°	10.7	2.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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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

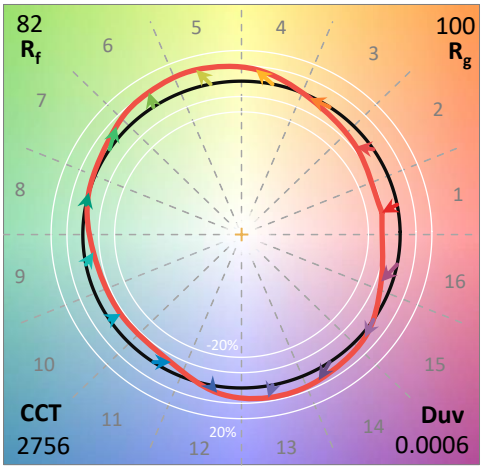
Test Information

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

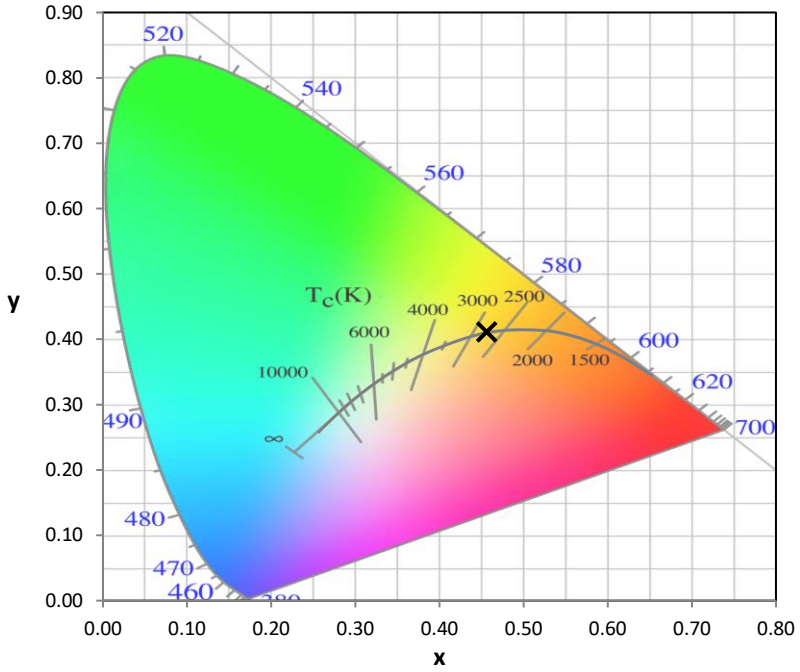
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

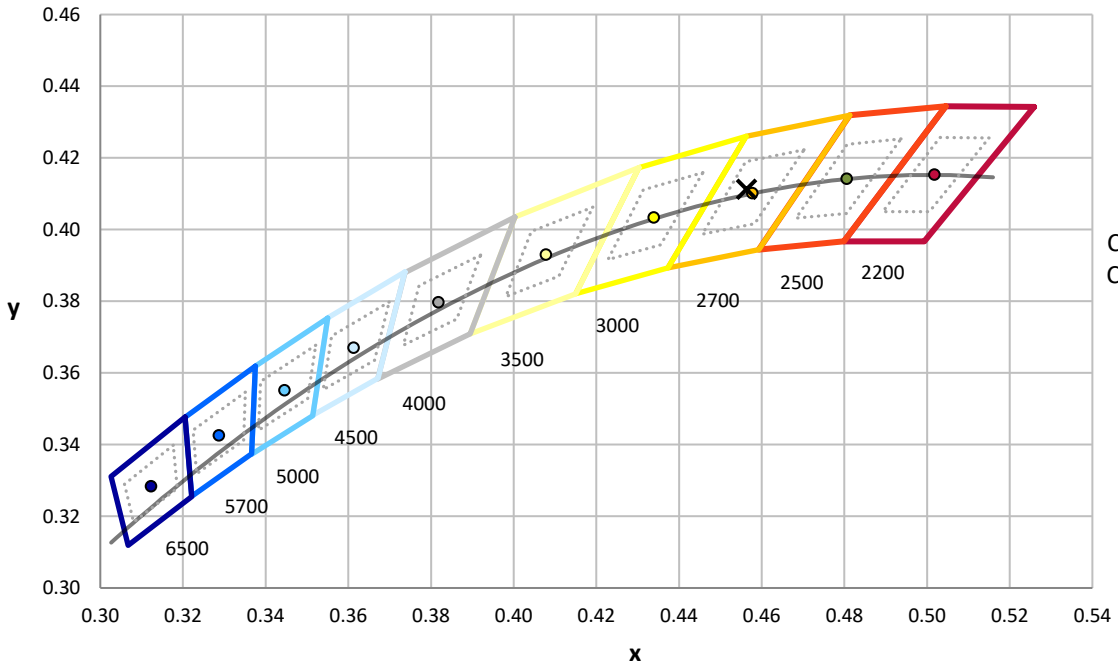
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

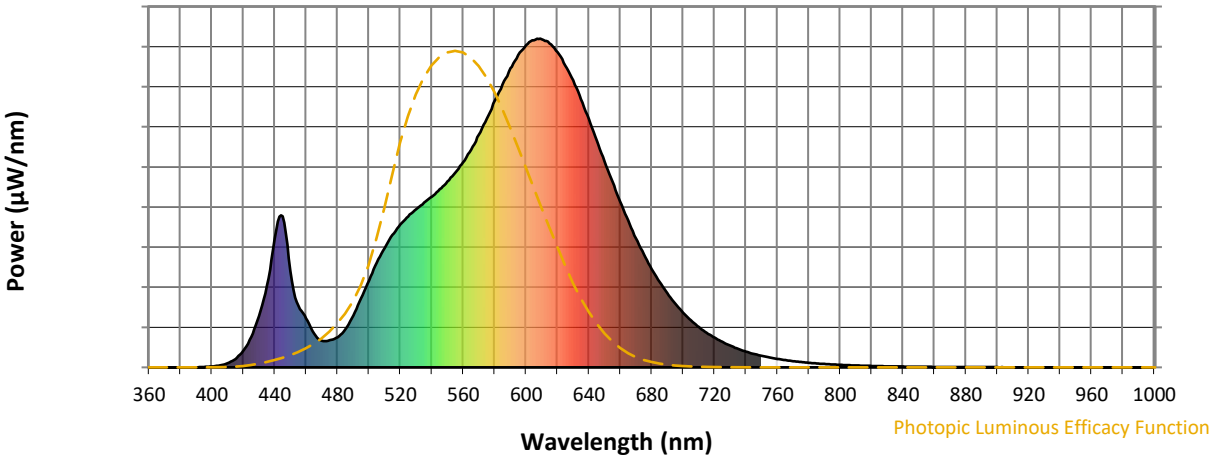


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

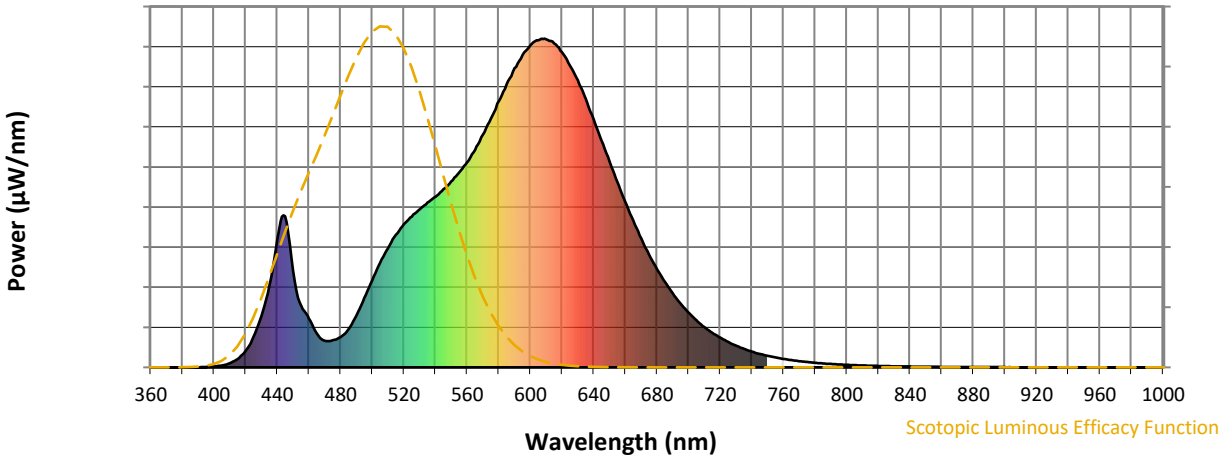


Photopic Lumens: NR

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

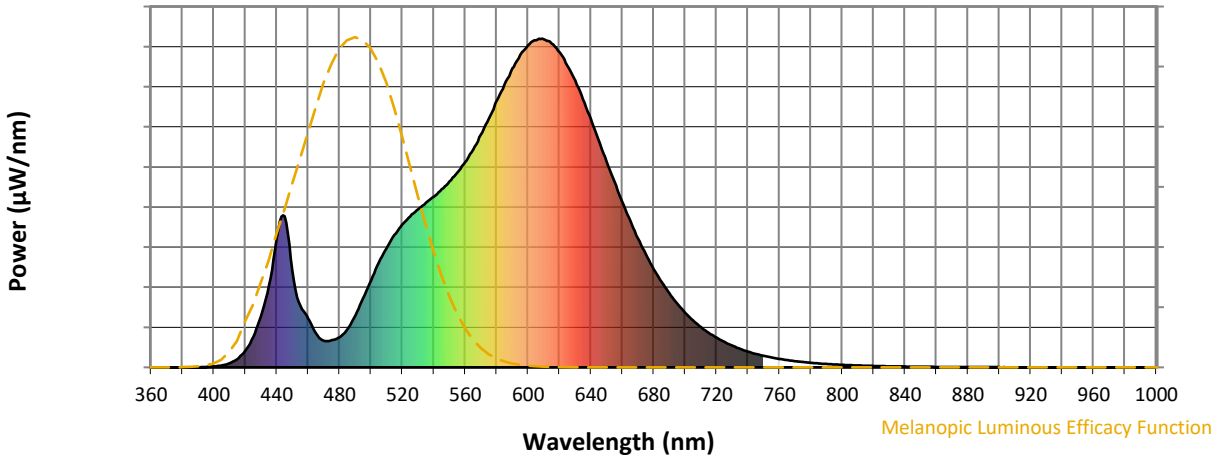


Scotopic Lumens: NR **S/P: 1.2**

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			

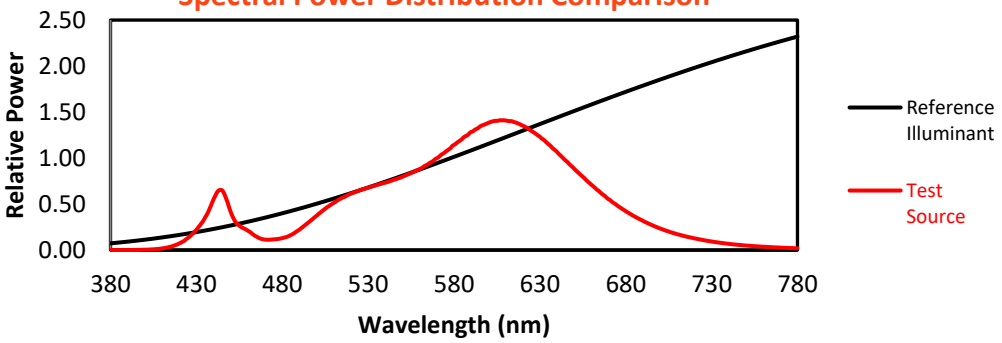
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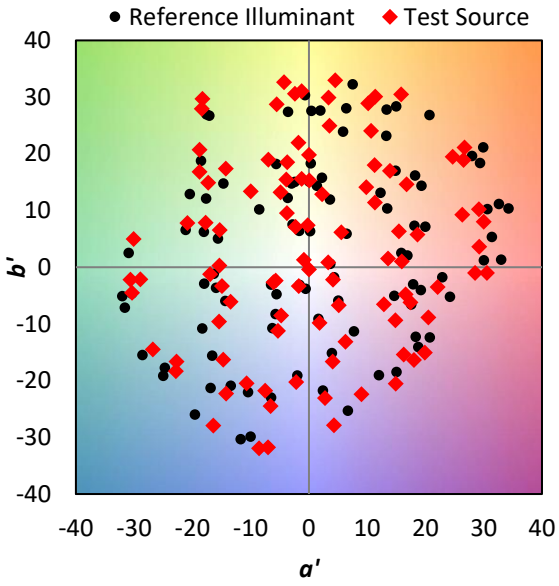
Summary

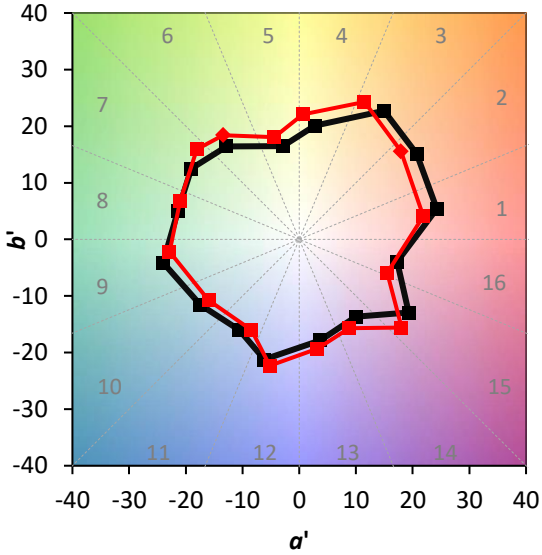
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

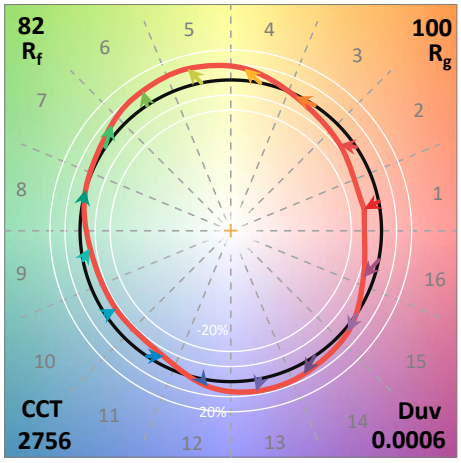
Spectral Power Distribution Comparison

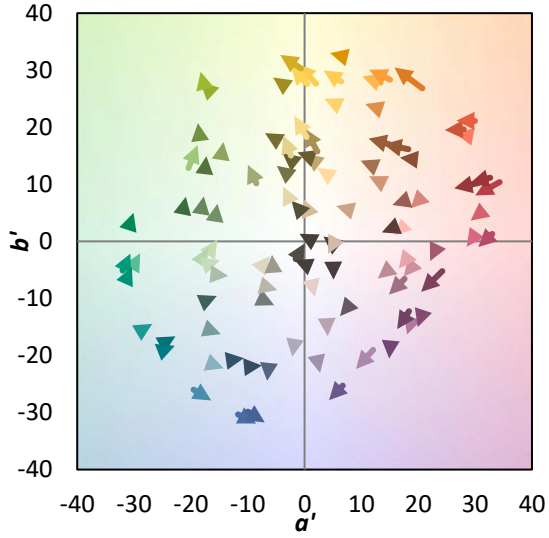


Color Vector Graphics







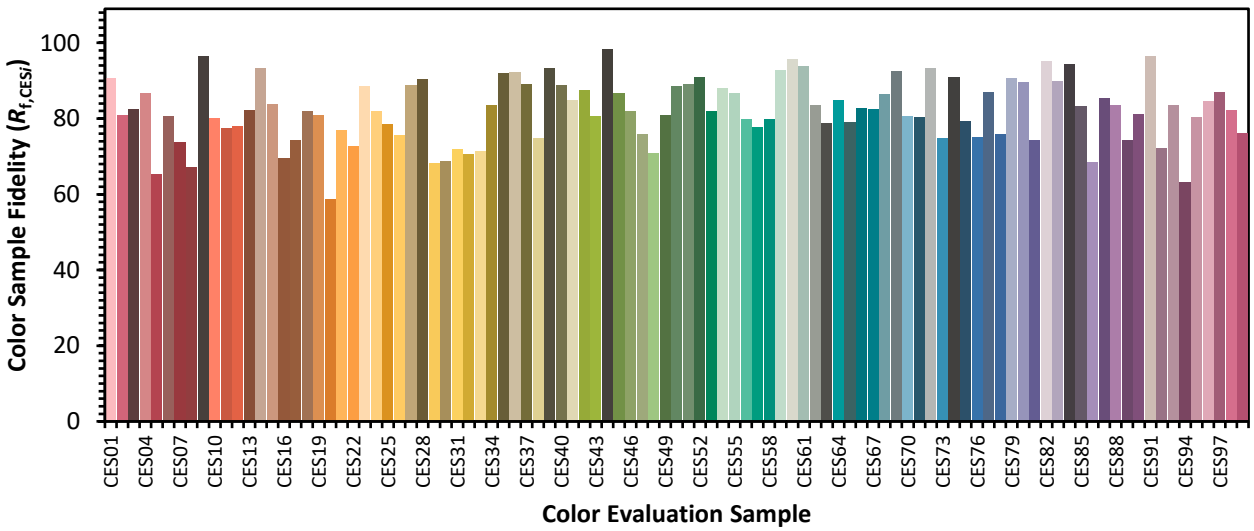


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Individual Sample Fidelity Index ($R_{f,i}$)

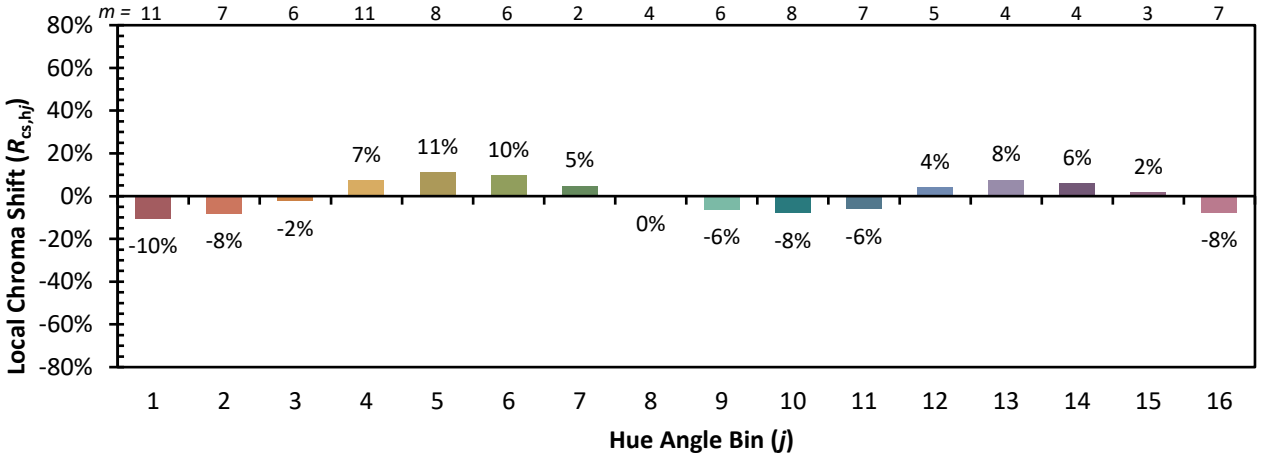
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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

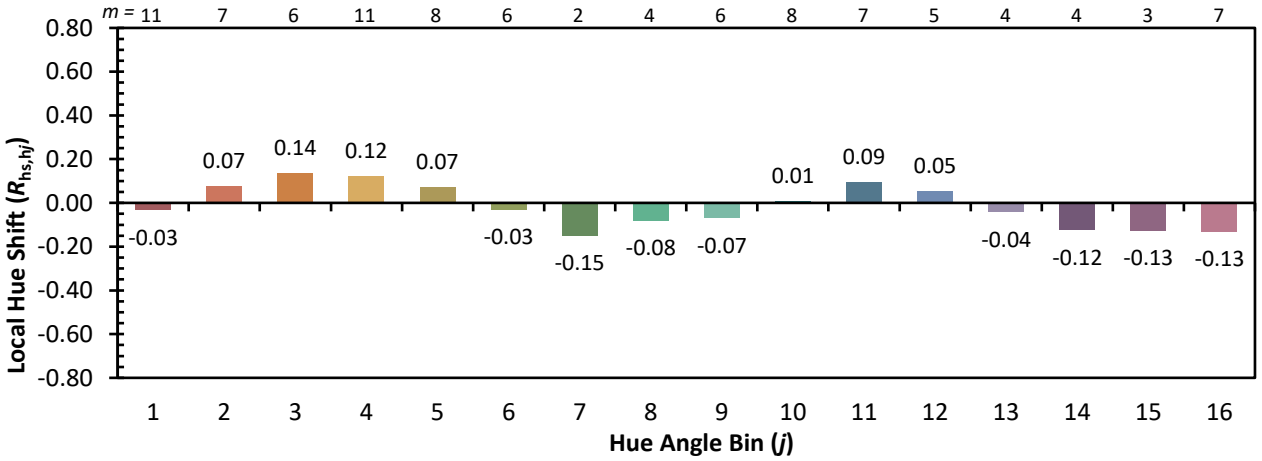


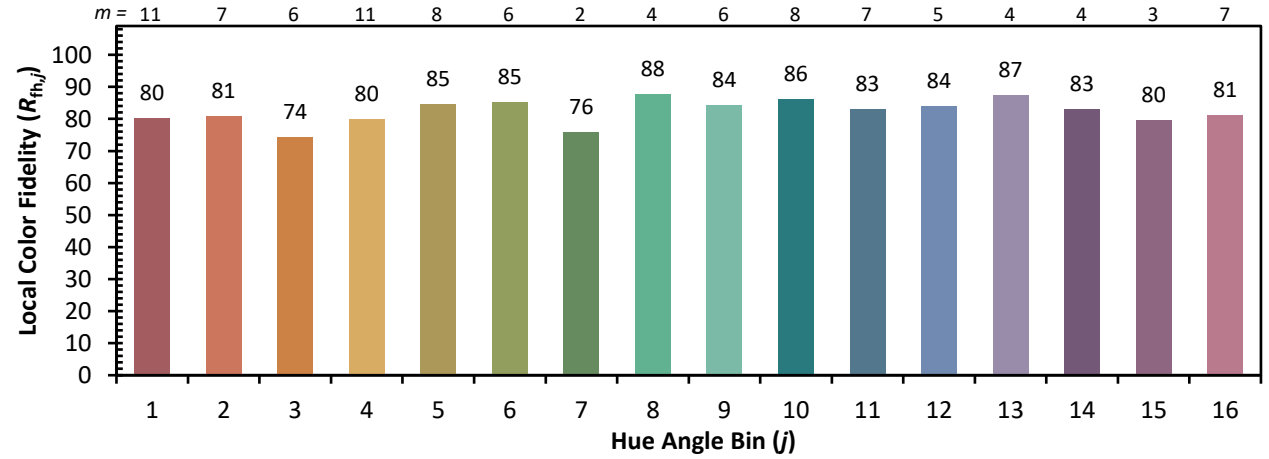
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Color Rendition by Hue-Angle Bin



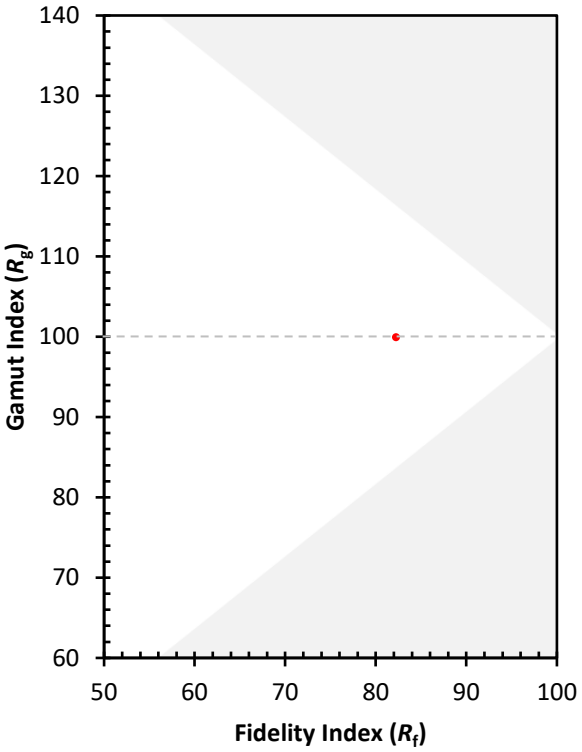


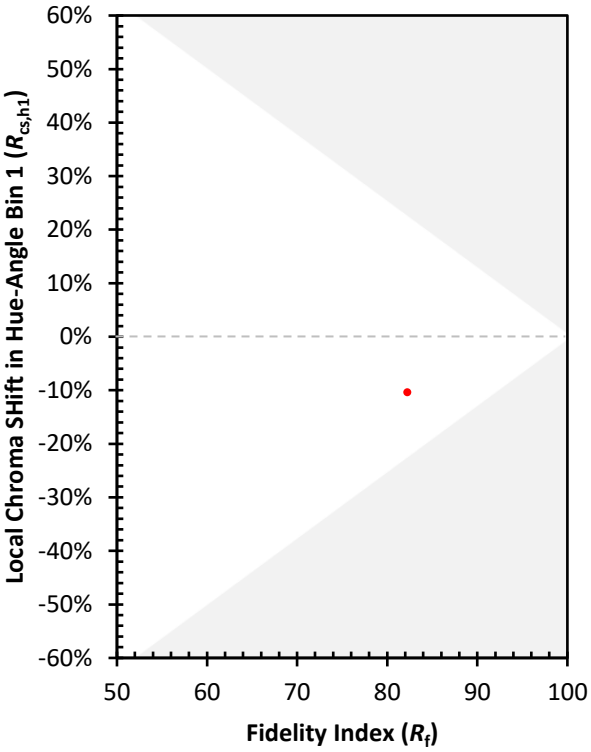


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Measure Comparisons





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