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: P1202363

Luminaire Tested: GWC-SB1D-830-U-SL3

Issue Date: 10/30/2025

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:	P1202363
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-830-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8984 lumens
Efficiency:	N/A
Efficacy:	112.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B1 - U0 - G3

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

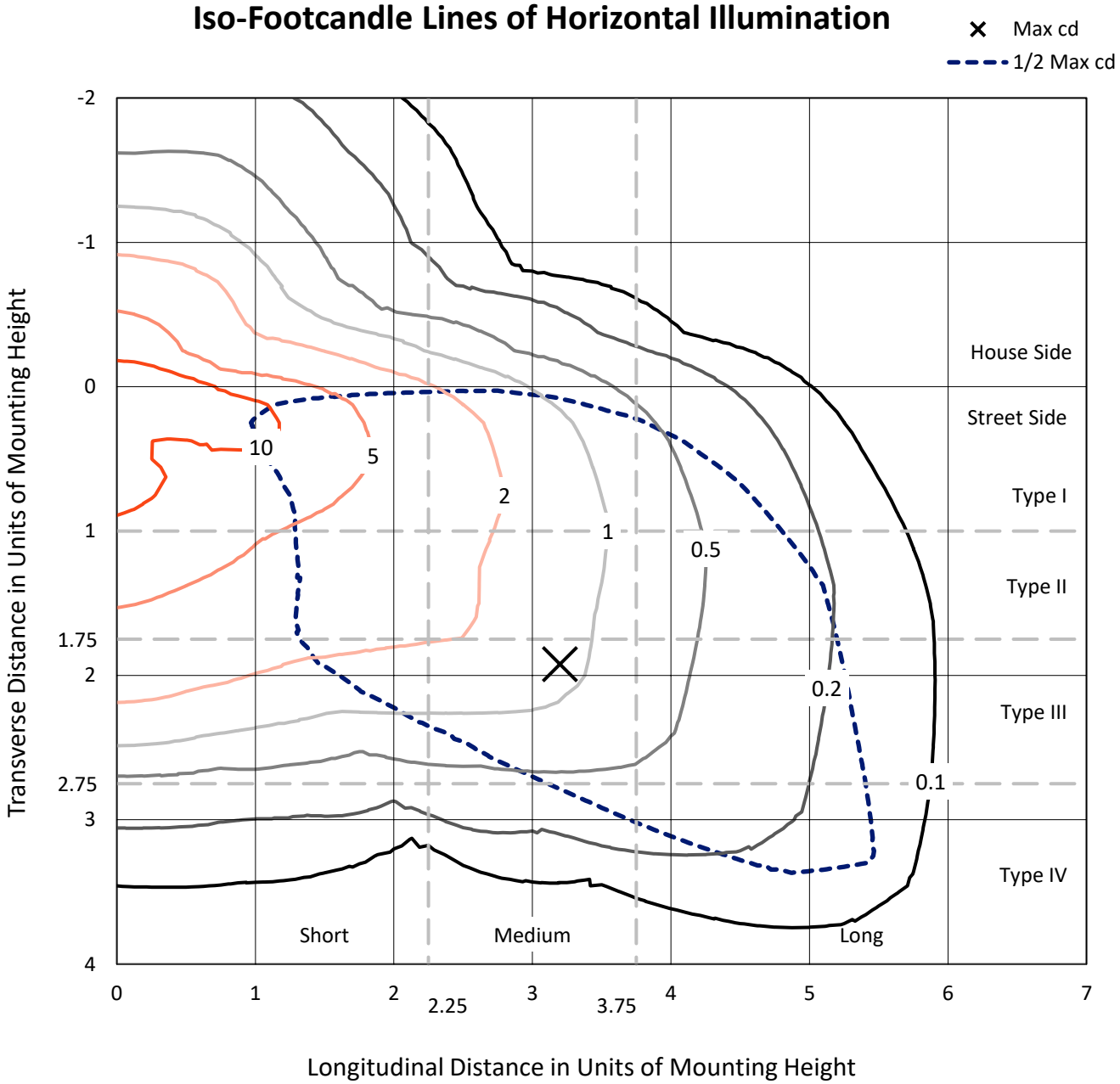


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REPORT NUMBER: P1202363
CATALOG NUMBER: GWC-SB1D-830-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



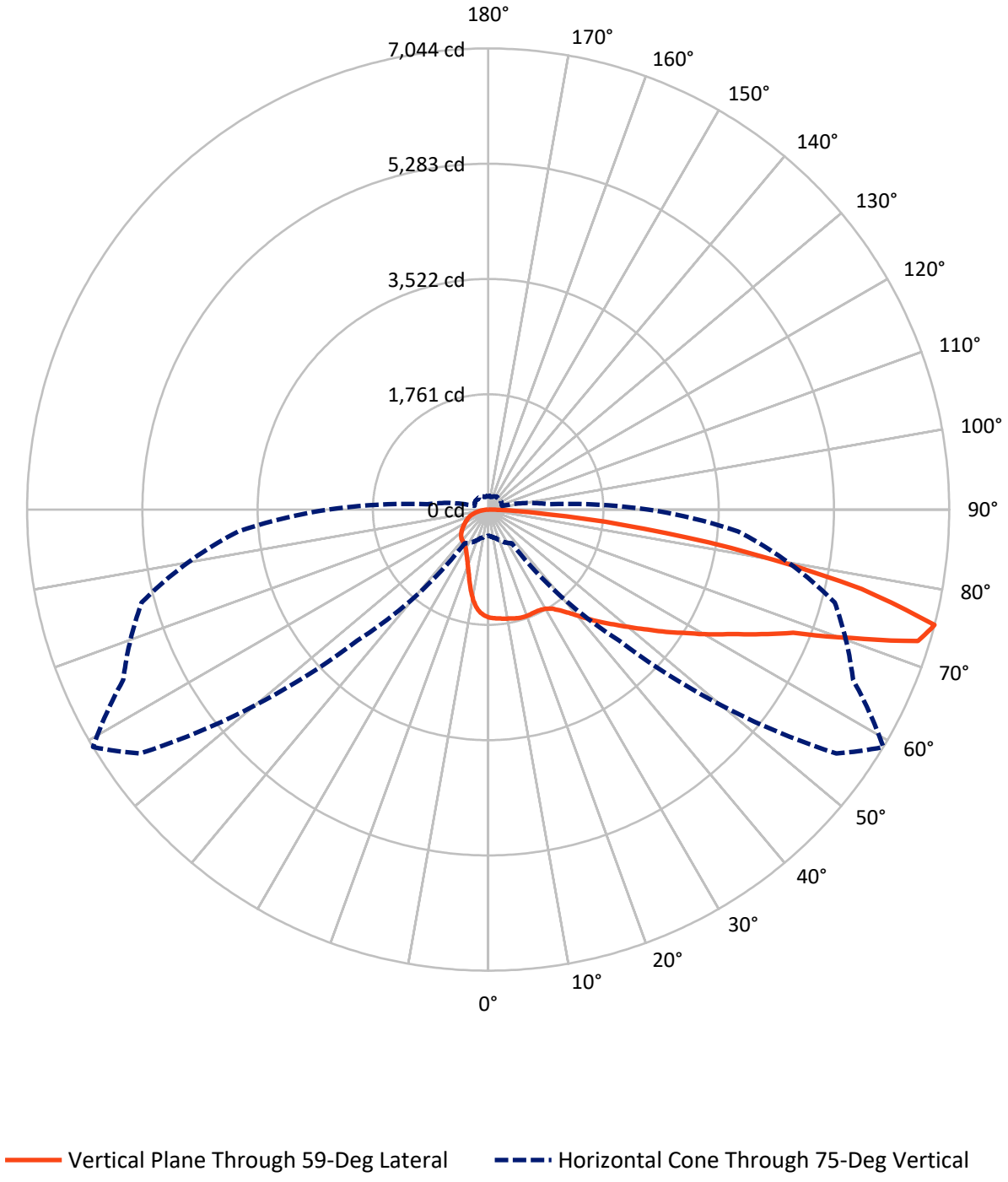
Based on 10 foot mounting height. Maximum calculated value = 13.5 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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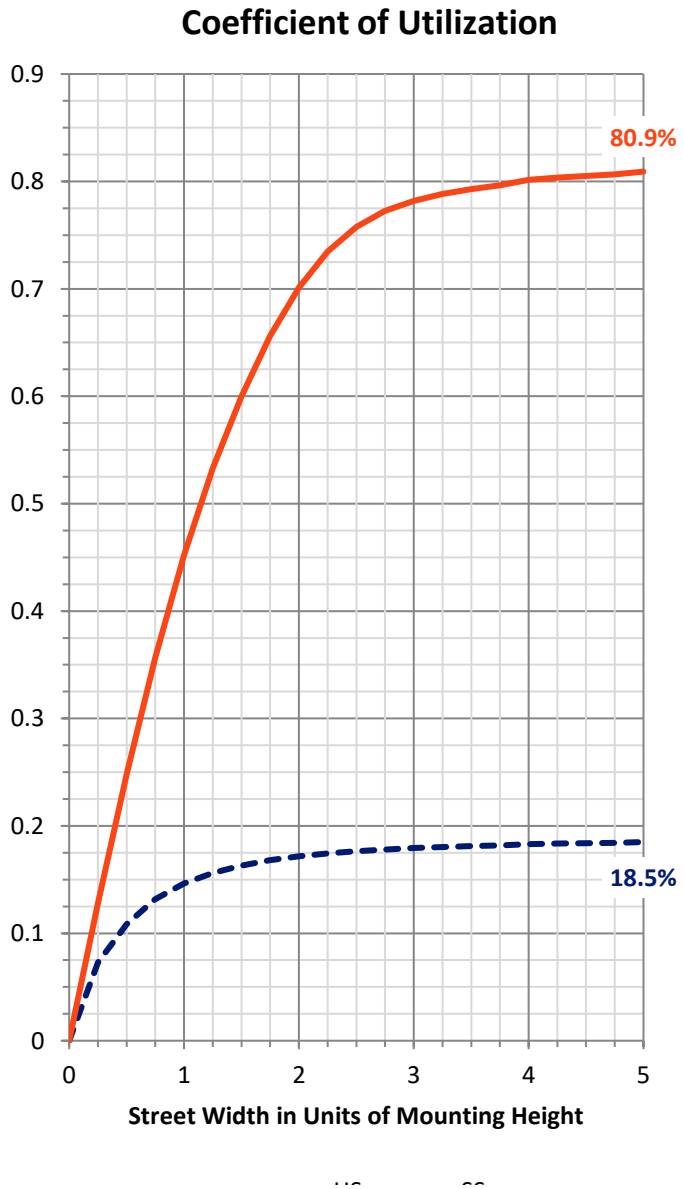
REPORT NUMBER: P1202363
CATALOG NUMBER: GWC-SB1D-830-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1685.0	0.0	1685.0
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	7299.0	0.0	7299.0
	% Fixture	81.2	0.0	81.2
Total	Lumens	8984.0	0.0	8984.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.9	1.6
10°-20°	377.9	4.2
20°-30°	574.1	6.4
30°-40°	853.3	9.5
40°-50°	1269.0	14.1
50°-60°	1722.6	19.2
60°-70°	2103.0	23.4
70°-80°	1650.4	18.4
80°-90°	285.9	3.2
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°	8984.0	100.0
0°-180°	8984.0	100.0



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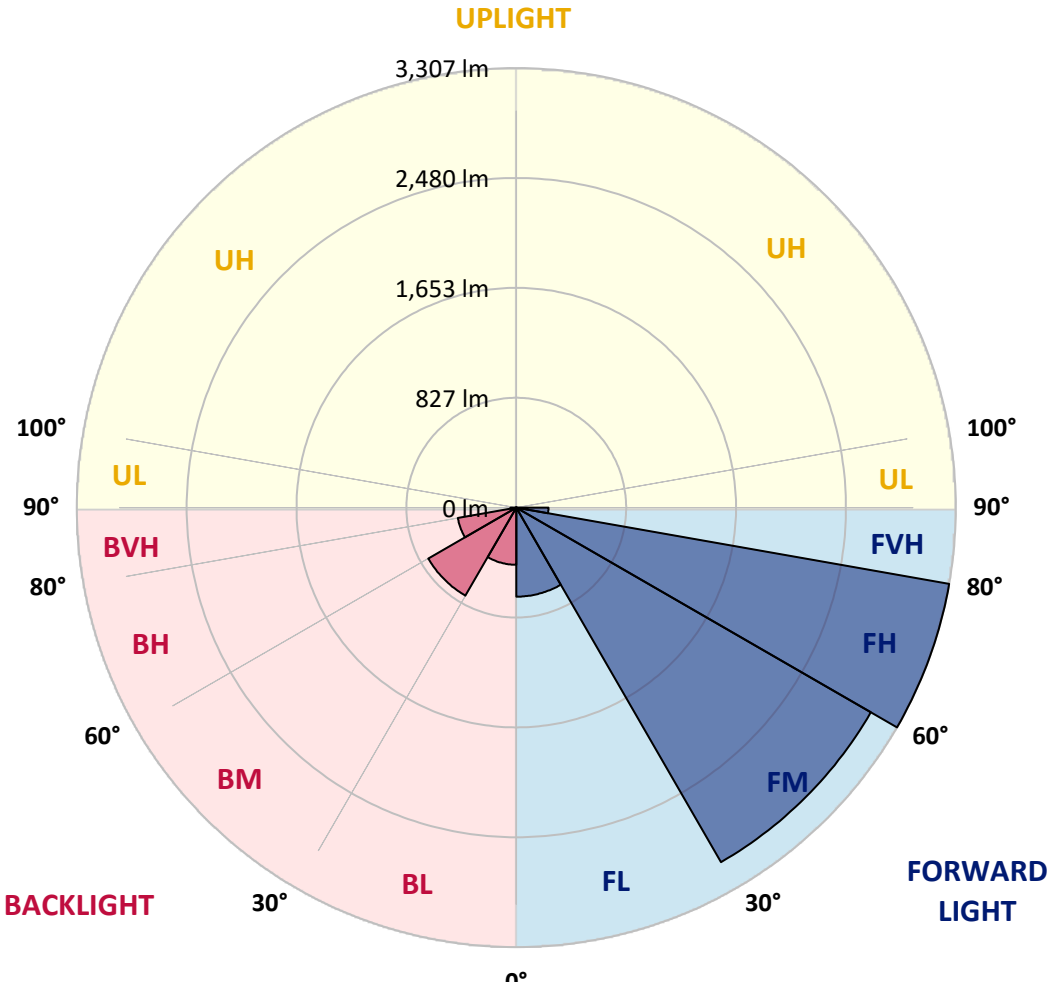
Scaled Data Report

REPORT NUMBER: P1202363
CATALOG NUMBER: GWC-SB1D-830-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	669.9	7.5			
FM	(30°-60°)	3080.1	34.3			
FH	(60°-80°)	3306.9	36.8			G2/5000
FVH	(80°-90°)	242.1	2.7			G3/500
BL	(0°-30°)	430.0	4.8	B1/500		
BM	(30°-60°)	764.8	8.5	B1/1000		
BH	(60°-80°)	446.4	5.0	B1/500		G1/500
BVH	(80°-90°)	43.8	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Medium



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REPORT NUMBER: P1202363
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	1649.0	1649.0	1649.0	1649.0	1649.0	1649.0	1649.0	*1649.0*	1649.0	1649.0	1649.0
2.5°	1663.0	1657.2	1663.0	1660.6	1659.6	1657.7	1658.2	*1661.6*	1659.6	1662.0	1653.8
5°	1651.9	1648.5	1654.3	1652.9	1659.1	1660.1	1666.4	*1670.3*	1672.7	1673.2	1666.9
7.5°	1633.5	1630.1	1638.4	1645.1	1658.7	1662.5	1675.6	*1681.9*	1685.2	1691.0	1681.9
10°	1566.4	1564.9	1585.2	1610.8	1642.7	1662.5	1682.3	*1693.0*	1698.3	1713.8	1703.1
12.5°	1447.5	1449.4	1476.0	1525.3	1589.1	1652.9	1690.1	*1705.5*	1713.8	1733.1	1728.3
15°	1333.9	1333.4	1362.4	1415.1	1504.5	1610.3	1693.9	*1720.5*	1734.5	1763.1	1759.2
17.5°	1268.2	1266.2	1286.5	1326.6	1409.8	1545.1	1684.3	*1728.7*	1758.7	1794.5	1791.1
20°	1256.1	1252.2	1262.8	1282.7	1341.6	1473.6	1659.1	*1728.7*	1778.0	1824.4	1822.5
22.5°	1300.1	1293.8	1289.4	1287.0	1313.1	1414.6	1630.6	*1722.9*	1806.5	1867.4	1864.1
25°	1388.5	1378.8	1356.6	1334.9	1327.1	1388.0	1605.5	*1721.5*	1849.1	1925.4	1912.9
27.5°	1531.6	1519.5	1474.5	1422.3	1375.4	1401.5	1594.4	*1730.2*	1896.0	1986.8	1961.7
30°	1708.9	1695.9	1639.3	1559.1	1475.0	1451.8	1608.4	*1755.8*	1955.9	2068.5	2019.2
32.5°	1867.9	1853.4	1805.1	1723.4	1609.8	1538.8	1652.9	*1804.6*	2050.1	2182.1	2105.7
35°	2009.0	1992.1	1948.6	1873.2	1775.1	1661.1	1733.1	*1891.1*	2184.0	2366.7	2223.1
37.5°	2147.3	2127.5	2080.1	2000.3	1931.7	1823.9	1843.8	*2002.3*	2361.8	2590.9	2378.8
40°	2301.9	2273.4	2215.9	2137.1	2070.4	2014.8	1989.2	*2138.6*	2542.6	2841.3	2573.0
42.5°	2451.7	2424.7	2356.0	2288.9	2205.3	2189.3	2157.9	*2298.1*	2740.3	3116.3	2770.2
45°	2613.2	2580.8	2497.7	2412.6	2359.9	2305.3	2321.3	*2457.5*	2934.1	3396.6	2977.1
47.5°	2764.4	2728.2	2630.1	2535.4	2506.4	2402.9	2471.1	*2633.0*	3135.6	3680.8	3182.0
50°	2846.1	2810.3	2728.7	2643.1	2620.4	2523.3	2633.5	*2825.8*	3346.8	3964.0	3378.7
52.5°	2914.3	2875.6	2768.8	2721.4	2714.7	2654.2	2833.5	*3046.2*	3558.0	4214.3	3568.6
55°	2986.7	2943.7	2807.4	2764.9	2795.8	2801.2	3070.8	*3296.1*	3781.3	4458.4	3747.9
57.5°	3070.4	3015.7	2844.7	2801.6	2875.1	2973.2	3343.4	*3555.1*	4000.7	4684.6	3907.4
60°	3149.1	3094.0	2916.2	2860.1	2960.6	3172.8	3656.1	*3868.8*	4249.1	4886.1	4058.2
62.5°	3164.6	3119.2	2973.2	2972.7	3076.6	3405.8	4026.3	*4185.3*	4466.1	5085.2	4193.5
65°	2896.9	2868.3	2781.8	2968.4	3242.9	3741.2	4438.6	*4590.3*	4742.1	5259.2	4312.4
67.5°	2204.8	2208.6	2202.4	2562.4	3108.5	4223.0	5035.4	*5023.8*	5082.8	5454.4	4449.2
70°	1008.1	1030.9	1178.7	1768.8	2490.4	4278.6	6022.3	*5872.0*	5510.5	5707.2	4567.6
72.5°	544.7	562.1	622.5	856.9	1497.2	3804.0	6759.8	*6866.6*	6079.3	5877.3	4437.6
75°	*399.7*	*409.3*	*451.4*	*544.7*	*628.8*	*2827.3*	*6495.4*	*7043.5*	*6150.4*	*5480.5*	*3832.0*
77.5°	299.2	303.5	337.8	431.6	321.9	1490.5	5190.1	*5833.3*	5265.0	4502.8	2830.6
80°	217.0	221.8	247.4	323.8	225.7	545.2	3563.8	*4094.5*	3605.8	2870.3	1410.7
82.5°	149.8	151.8	162.9	220.4	157.6	211.7	2022.1	*2401.0*	2012.9	1007.2	380.8
85°	90.4	92.8	97.6	128.6	89.4	100.5	872.8	*902.8*	601.7	240.7	118.4
87.5°	37.2	39.6	43.5	54.1	35.3	28.0	144.0	*180.8*	112.6	70.6	36.7
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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Scaled Data Report

REPORT NUMBER: P1202363
CATALOG NUMBER: GWC-SB1D-830-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1649.0	1649.0	1649.0	1649.0	1649.0	1649.0	1649.0	1649.0	1649.0	1649.0	1649.0
2.5°	1651.4	1648.0	1638.8	1626.3	1614.7	1600.2	1593.9	1588.6	1583.7	1574.6	1570.2
5°	1661.6	1652.4	1627.7	1595.8	1559.6	1520.0	1481.3	1454.7	1432.0	1415.1	1401.1
7.5°	1677.0	1659.6	1614.7	1549.4	1466.3	1381.2	1304.4	1249.8	1208.7	1193.7	1167.6
10°	1693.0	1672.2	1593.9	1478.9	1335.3	1204.4	1102.4	1046.3	1013.5	1002.8	986.4
12.5°	1711.8	1681.4	1561.5	1380.8	1188.9	1045.4	956.4	923.6	906.7	900.9	902.3
15°	1739.4	1689.1	1512.7	1258.0	1049.2	929.4	871.9	849.1	840.4	840.0	841.9
17.5°	1760.2	1690.6	1436.8	1126.6	941.9	859.3	811.9	803.2	809.0	817.7	821.1
20°	1783.3	1677.5	1337.3	1006.7	866.5	797.9	778.1	783.9	797.9	810.5	814.8
22.5°	1799.8	1653.8	1216.9	913.4	801.3	762.6	761.7	773.8	781.5	787.8	791.1
25°	1814.3	1613.7	1089.3	835.1	747.7	741.4	752.0	748.1	742.8	748.1	751.5
27.5°	1824.9	1550.4	975.3	766.5	710.0	726.9	720.6	711.9	711.4	714.3	719.1
30°	1821.5	1465.8	881.5	701.3	683.4	699.8	684.8	683.4	681.9	683.4	688.7
32.5°	1821.5	1369.7	809.5	656.3	666.5	660.2	658.7	655.3	649.5	649.1	655.3
35°	1831.7	1273.5	747.7	632.1	652.4	637.5	638.4	630.2	618.1	612.3	618.1
37.5°	1852.5	1196.1	686.3	620.5	627.8	627.3	623.4	609.4	588.2	569.8	576.1
40°	1902.7	1173.4	644.2	615.2	616.2	622.0	611.8	584.8	536.5	506.5	510.4
42.5°	1981.5	1211.6	635.0	602.2	608.5	614.3	594.4	531.6	497.3	479.4	479.4
45°	2081.5	1278.3	654.9	583.3	590.1	600.2	541.3	511.3	495.9	496.3	498.8
47.5°	2208.2	1348.4	691.6	566.9	563.5	569.3	506.0	487.6	466.4	471.7	485.2
50°	2354.6	1419.4	726.4	544.7	534.0	515.2	483.3	465.9	438.8	426.3	429.6
52.5°	2513.1	1488.1	740.4	517.6	502.1	480.4	467.8	446.6	413.7	392.9	392.4
55°	2663.4	1550.4	724.9	485.2	470.2	453.3	451.4	438.3	403.1	374.1	374.1
57.5°	2805.5	1602.6	686.3	452.4	437.9	427.7	440.8	434.5	390.0	352.8	350.9
60°	2925.9	1638.4	630.2	419.0	408.9	403.5	423.4	421.4	371.7	330.1	328.6
62.5°	3021.5	1652.4	568.4	387.1	384.7	375.0	399.2	399.2	348.5	307.9	306.4
65°	3096.5	1638.8	505.5	355.7	360.5	346.0	369.7	366.8	323.8	288.0	286.1
67.5°	3162.7	1594.4	435.9	324.8	335.9	317.5	338.8	332.0	296.7	268.2	266.3
70°	3192.1	1491.0	356.7	293.8	307.4	289.5	307.9	295.3	266.3	247.0	243.1
72.5°	2955.3	1239.2	280.8	261.5	273.1	258.6	274.5	260.0	233.4	224.7	217.5
75°	*2445.0*	*929.9*	*216.0*	*226.2*	*234.9*	*223.8*	*234.4*	*223.8*	*199.6*	*205.9*	*188.0*
77.5°	1775.6	627.8	165.3	189.0	192.8	187.0	196.2	184.1	162.4	160.9	153.7
80°	883.0	367.8	129.5	149.3	147.9	144.0	154.7	148.9	130.5	138.2	136.8
82.5°	255.7	157.6	94.2	104.9	102.0	102.9	110.7	113.6	170.1	168.7	172.5
85°	80.2	61.9	56.5	58.5	55.6	57.0	65.2	129.5	119.9	70.1	75.9
87.5°	20.8	21.3	14.0	15.0	15.5	18.4	20.8	78.8	37.7	24.6	26.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2408-195-9

Test Date: 08/07/2024

Luminaire Tested: GALN-SB1A-830-U-5WQ

Data in this report applies to families of products including GALN-SB1A-830-U-5WQ.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

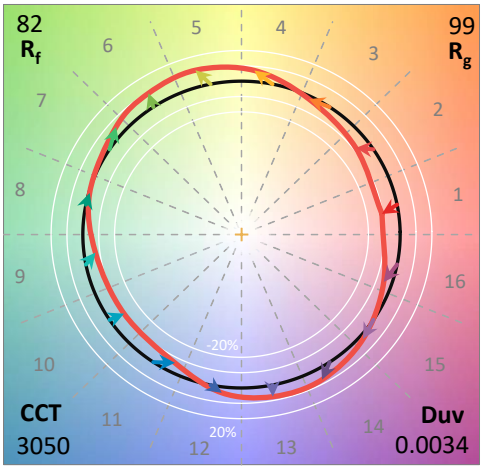
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2408-195-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/07/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	MCGRAW EDISON
Catalog Number:	**GALN-SB1A-830-U-5WQ**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K):	3050	CRI (Ra):	81.0		
CIE u':	0.2476	R1:	79.6	R9:	7.1
CIE v':	0.5251	R2:	85.6	R10:	67.0
Duv:	0.0034	R3:	92.0	R11:	82.7
CIE x:	0.4383	R4:	82.6	R12:	63.2
CIE y:	0.4131	R5:	78.9	R13:	80.3
CIE z:	0.1487	R6:	81.7	R14:	95.0
Peak Wavelength (nm):	603	R7:	85.2	R15:	71.7
Dominant Wavelength (nm):	581	R8:	62.0		
Purity:	55.55201				

Rf:	81.5
Rg:	99.2



Test Conditions

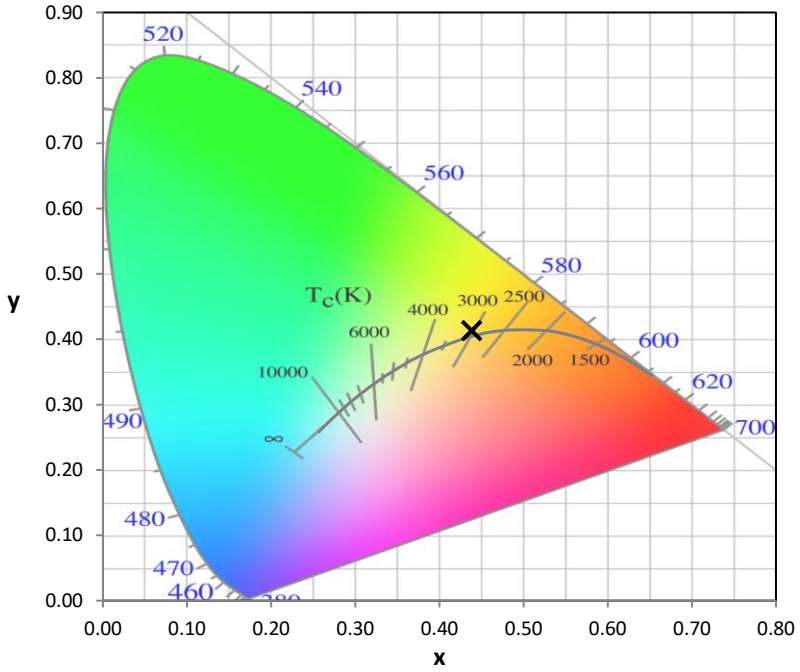
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

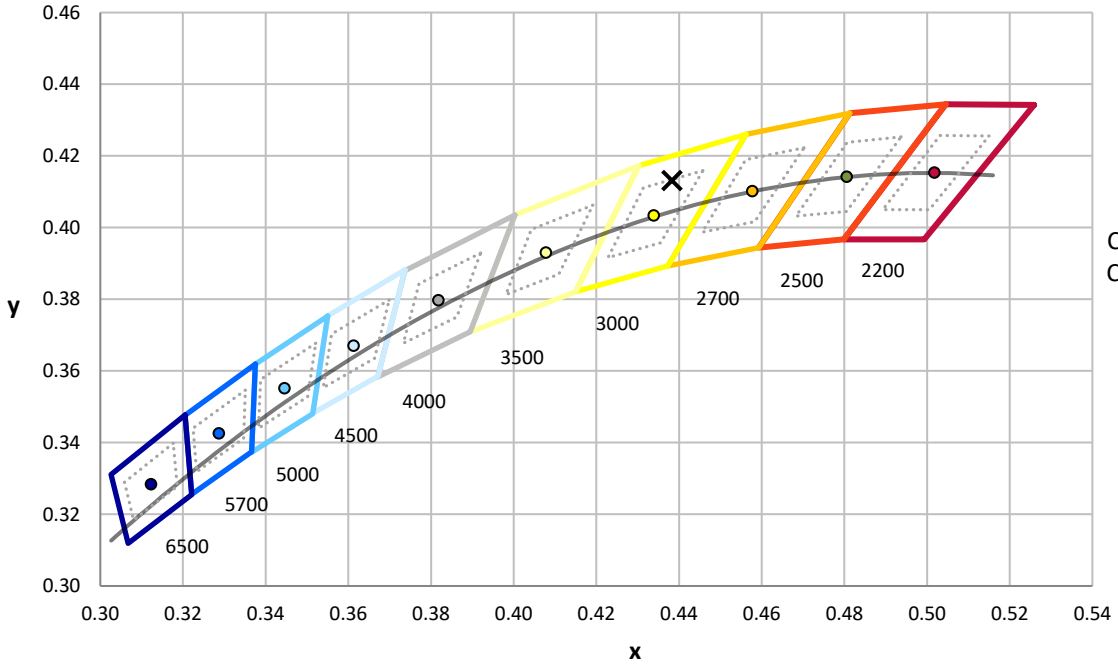
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



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

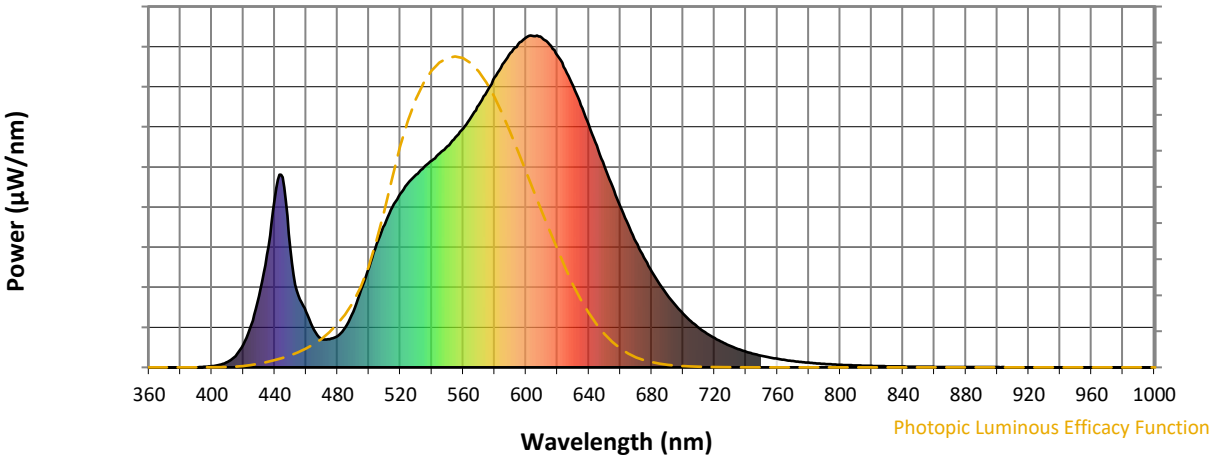


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

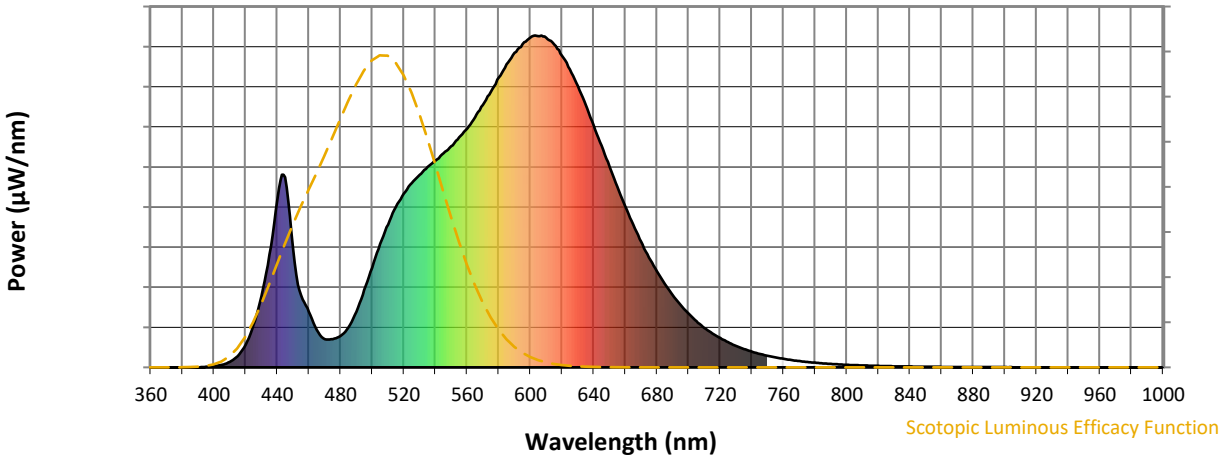


Photopic Lumens: NR

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

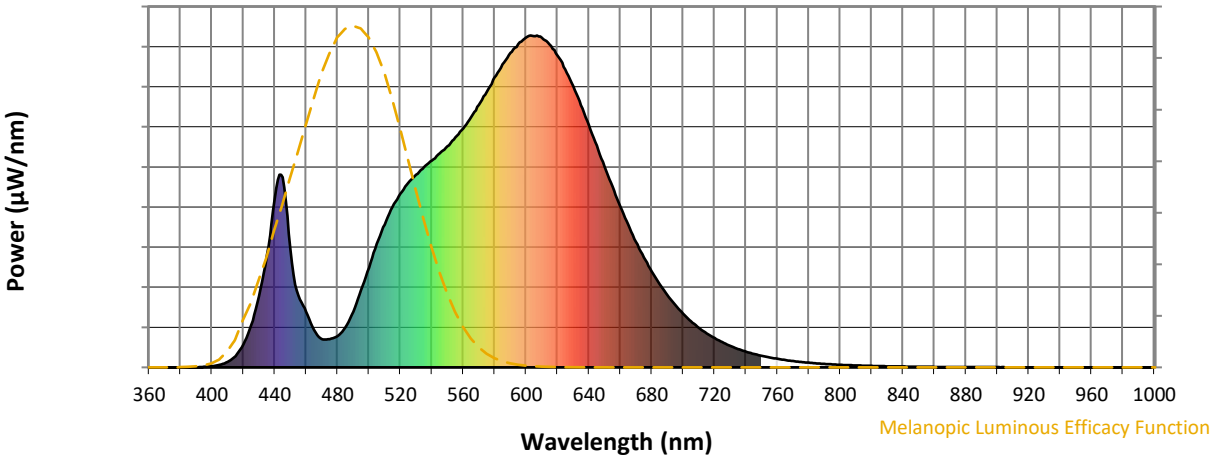


Scotopic Lumens: NR **S/P: 1.27**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.32**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

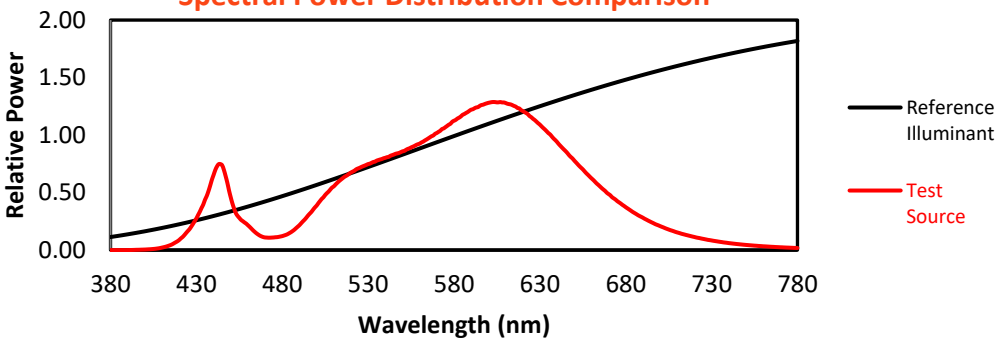
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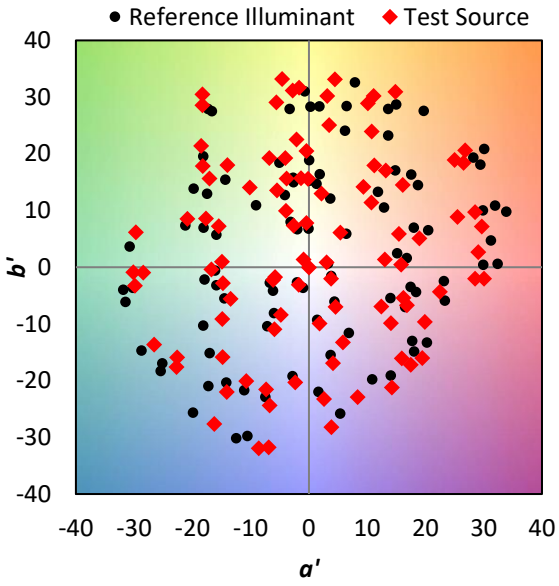
Summary

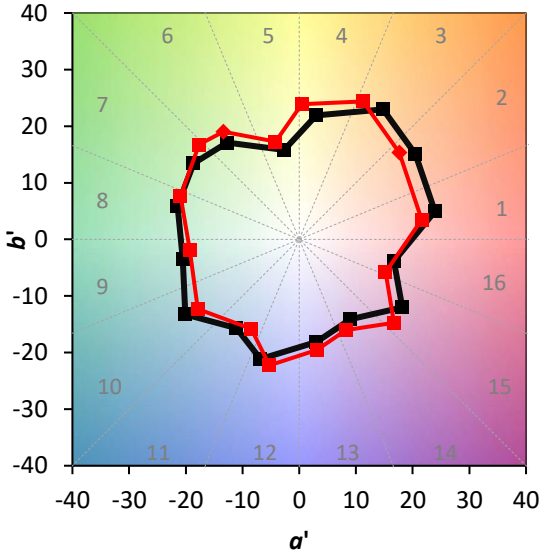
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

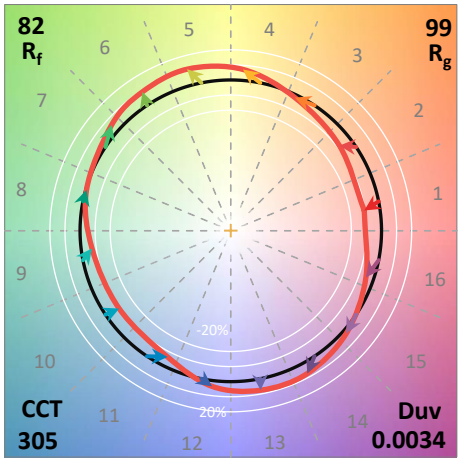
Spectral Power Distribution Comparison

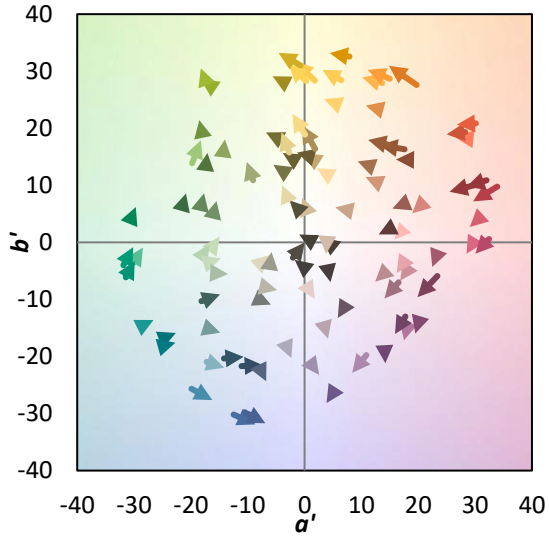


Color Vector Graphics







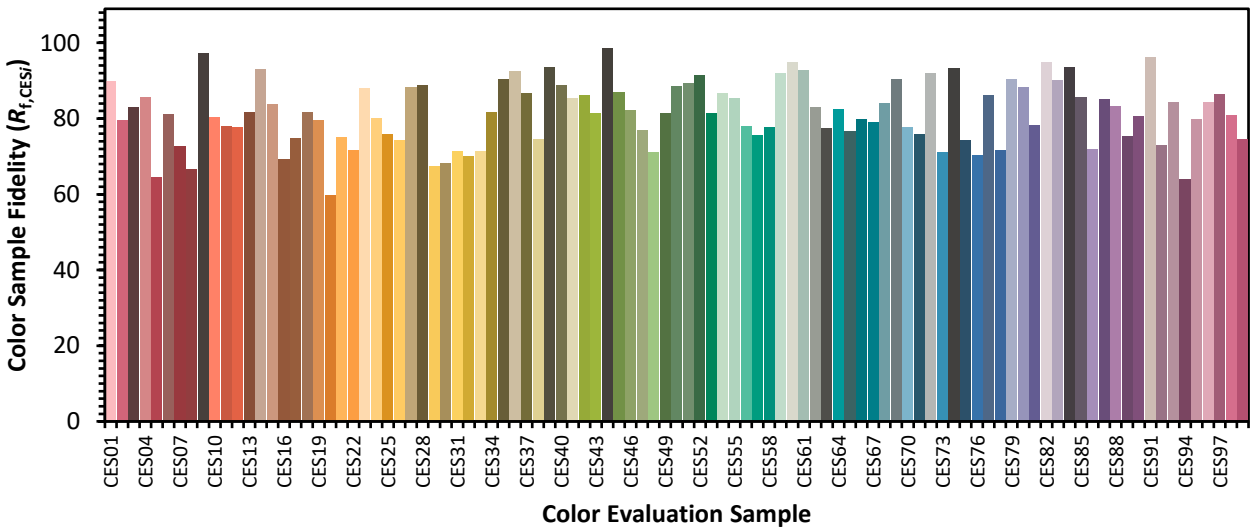


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Individual Sample Fidelity Index ($R_{f,i}$)

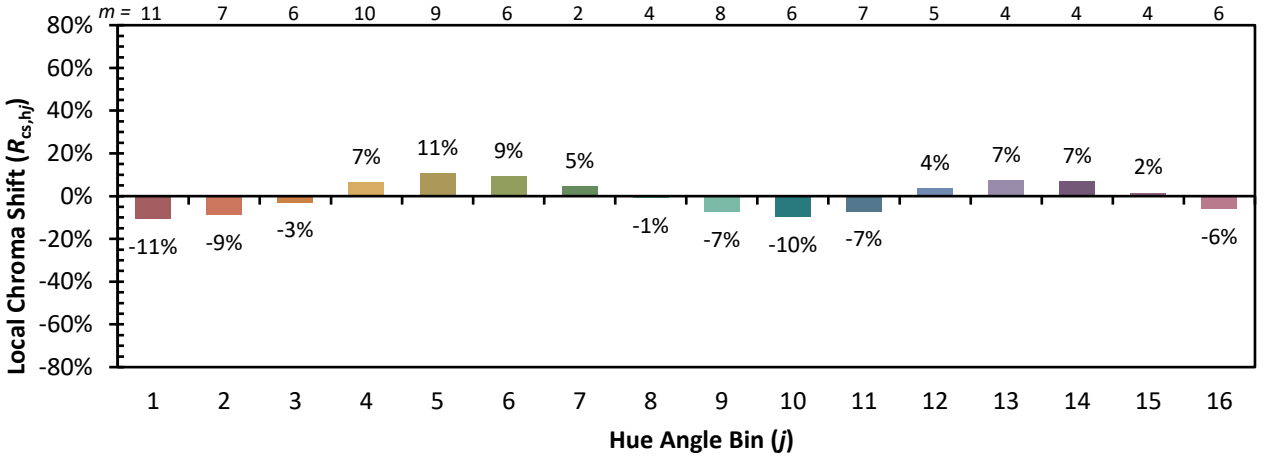
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	

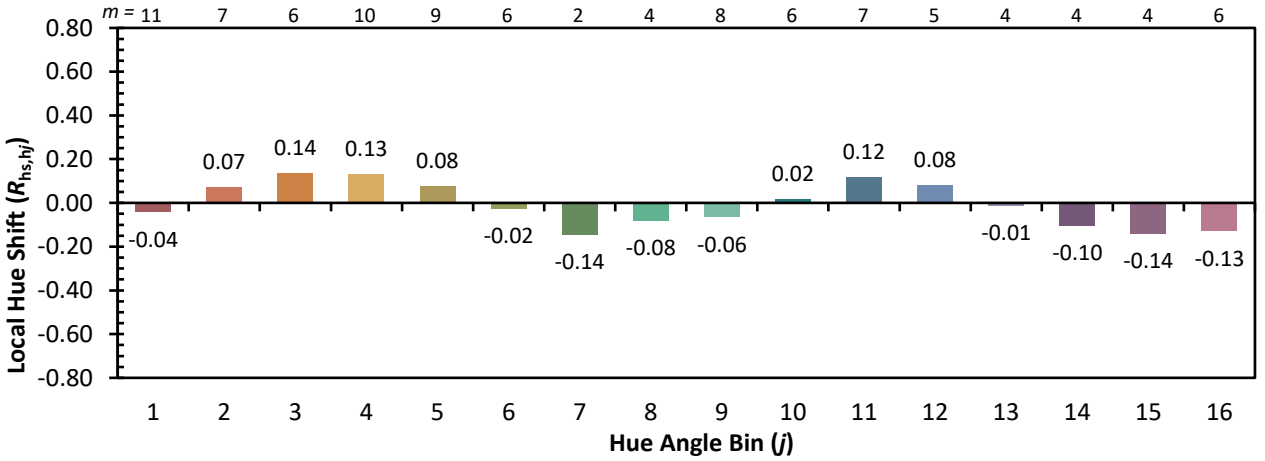


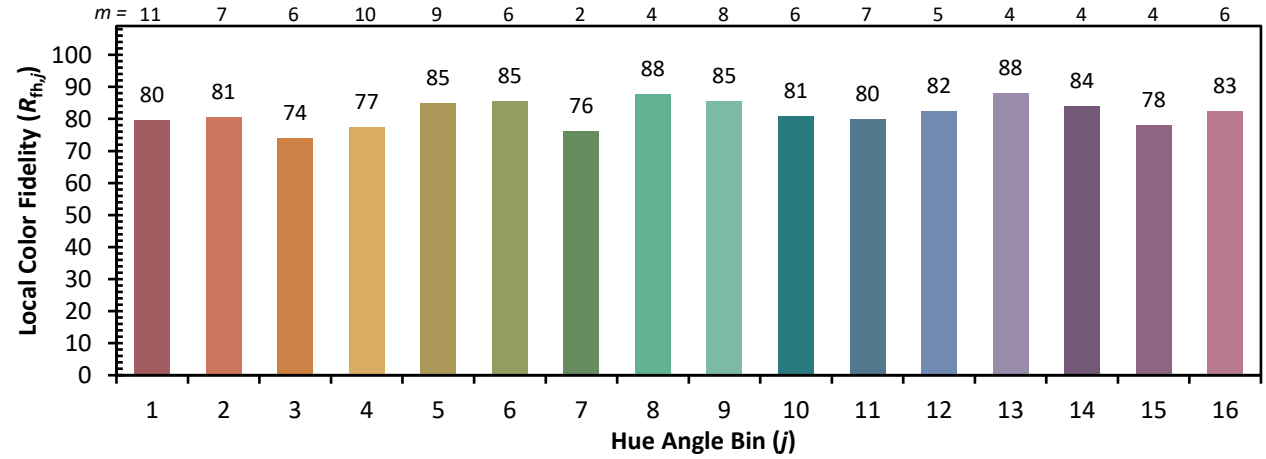
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Color Rendition by Hue-Angle Bin



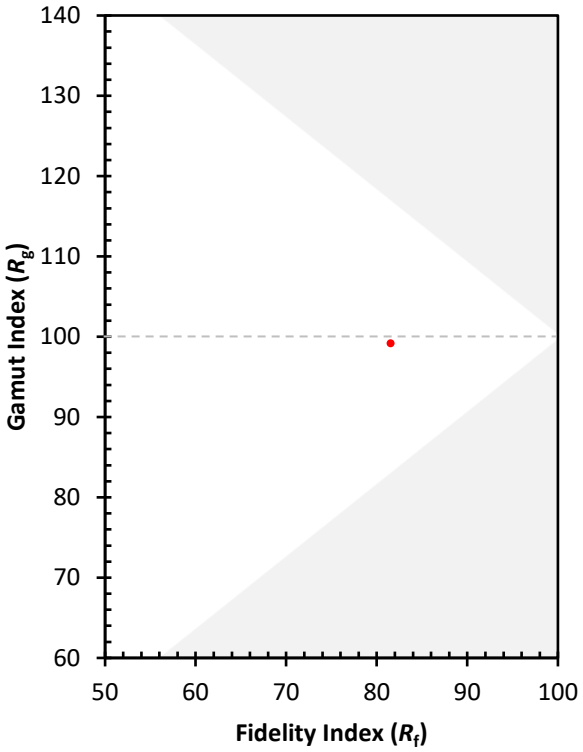


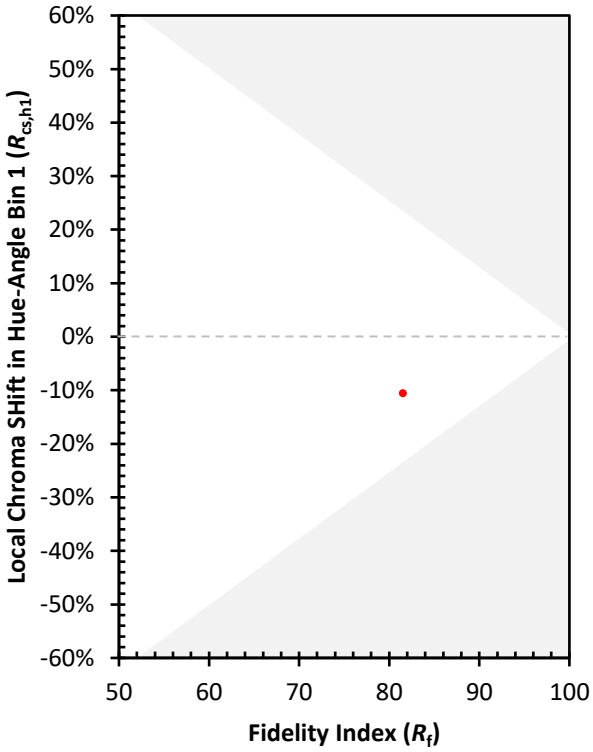


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Measure Comparisons





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