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: P1202735

Luminaire Tested: GWC-SB2A-830-U-SL2

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:	P1202735
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2A-830-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8010 lumens
Efficiency:	N/A
Efficacy:	139.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

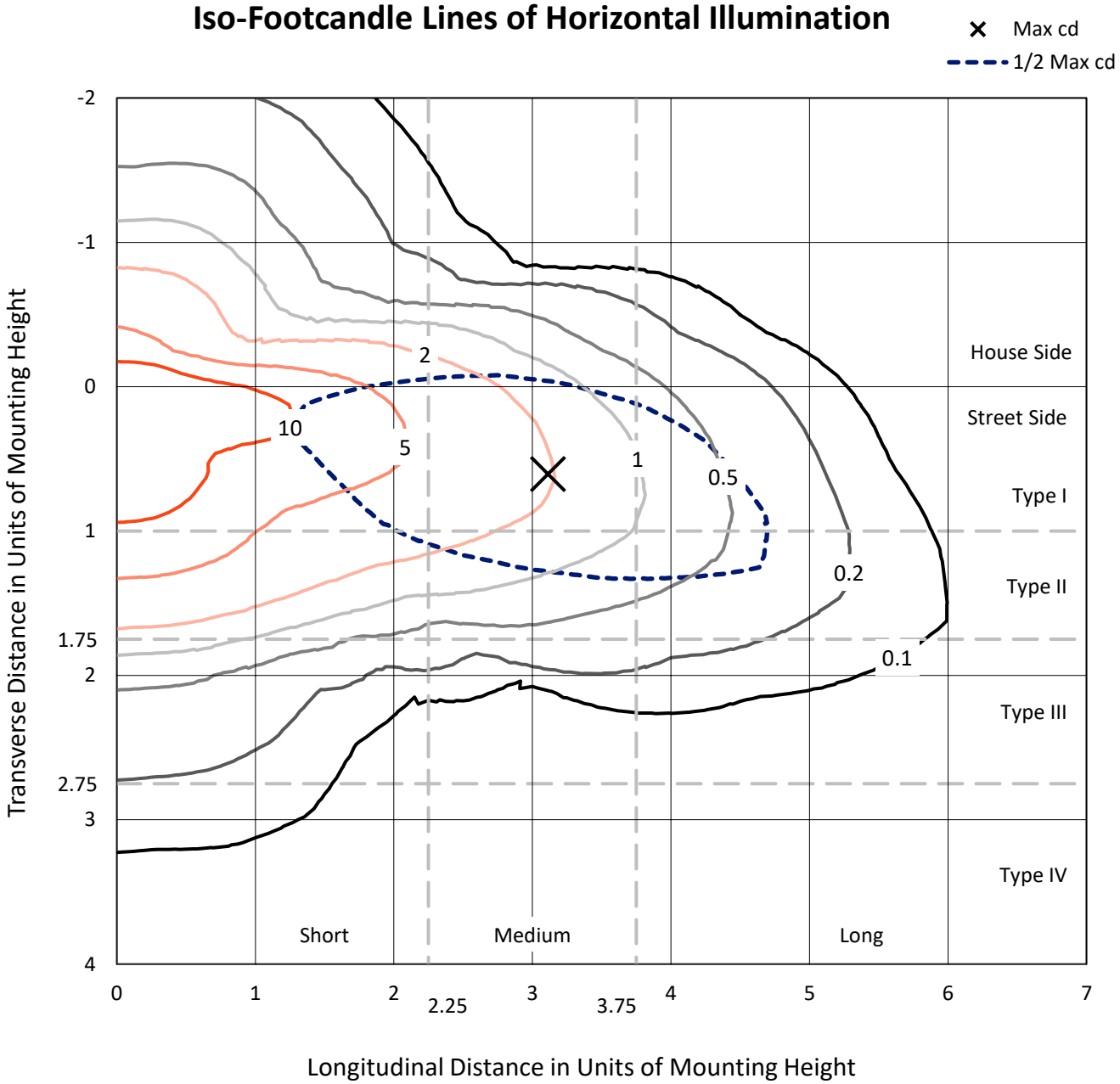


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Scaled Data Report

REPORT NUMBER: P1202735
CATALOG NUMBER: GWC-SB2A-830-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



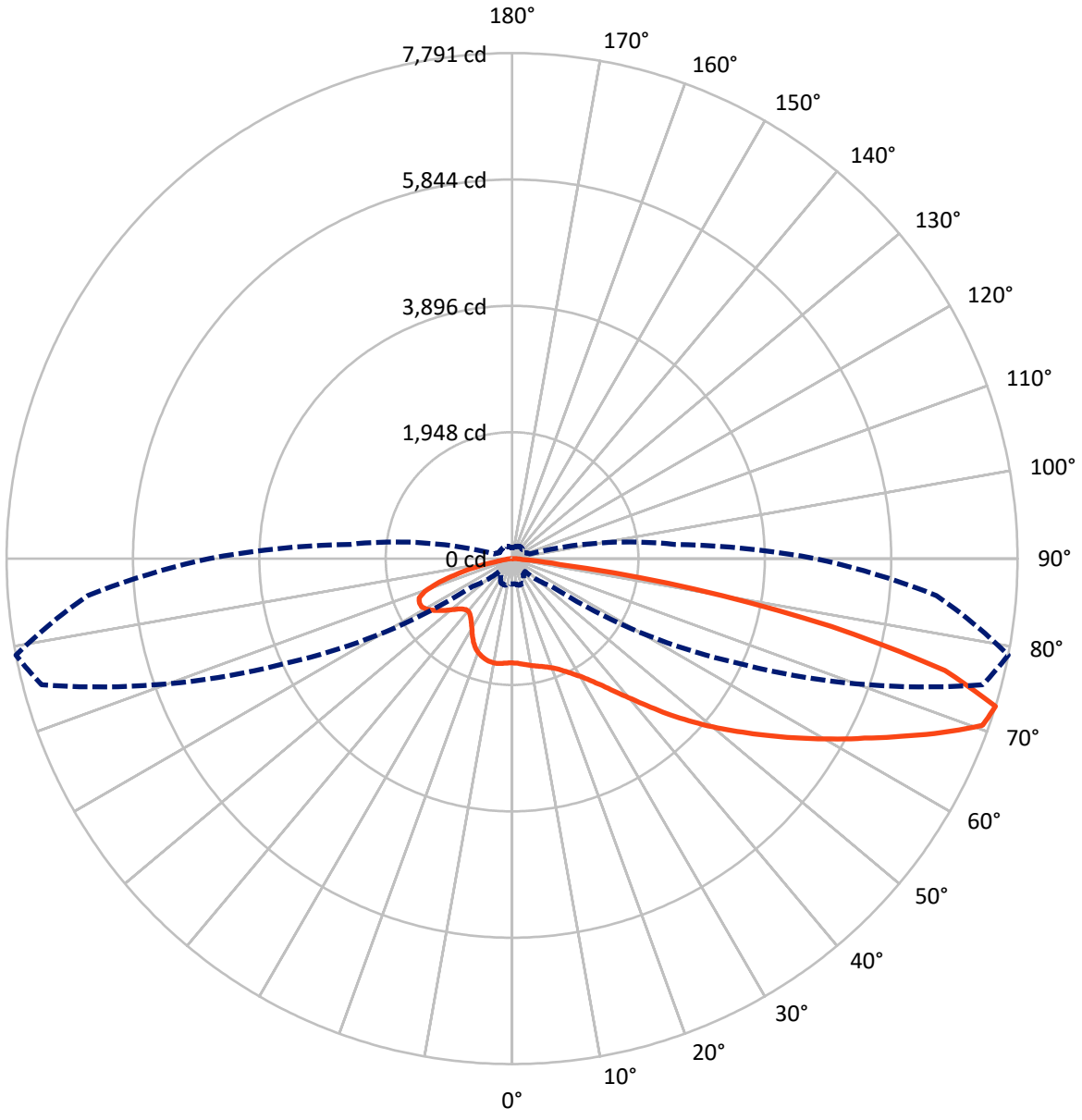
Based on 10 foot mounting height. Maximum calculated value = 14.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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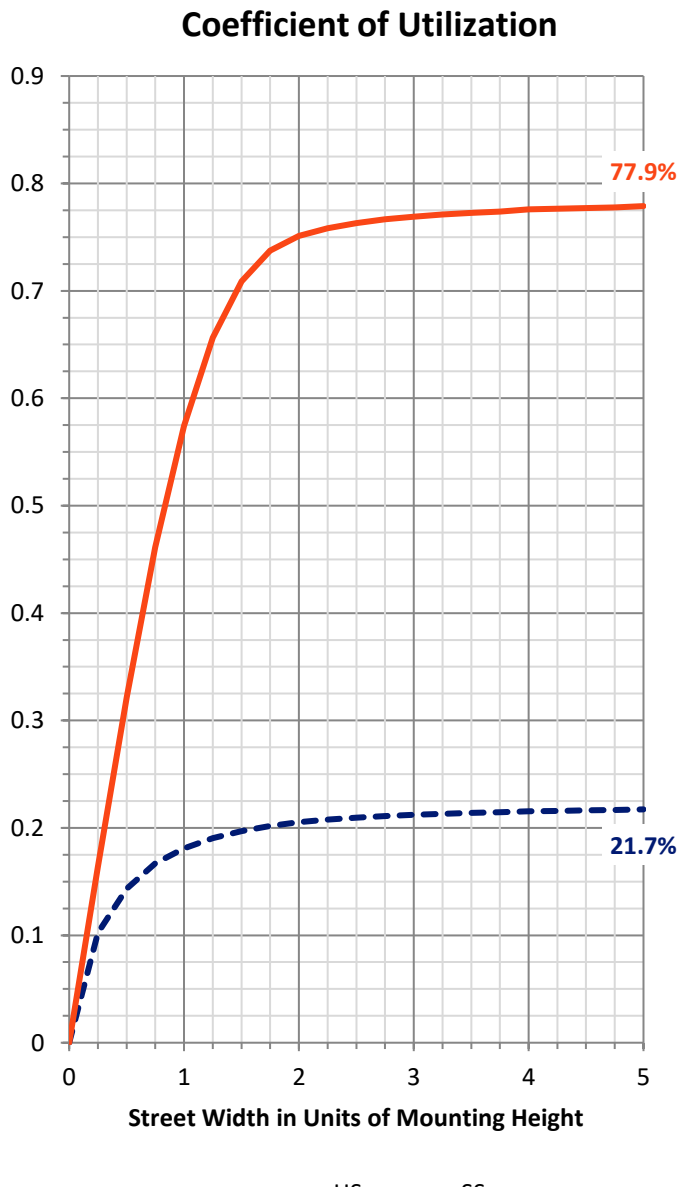
REPORT NUMBER: P1202735
CATALOG NUMBER: GWC-SB2A-830-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1762.6	0.0	1762.6
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	6247.4	0.0	6247.4
	% Fixture	78.0	0.0	78.0
Total	Lumens	8010.0	0.0	8010.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.0	1.8
10°-20°	381.6	4.8
20°-30°	615.7	7.7
30°-40°	924.1	11.5
40°-50°	1310.9	16.4
50°-60°	1655.5	20.7
60°-70°	1681.4	21.0
70°-80°	1146.0	14.3
80°-90°	148.7	1.9
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°	8010.0	100.0
0°-180°	8010.0	100.0



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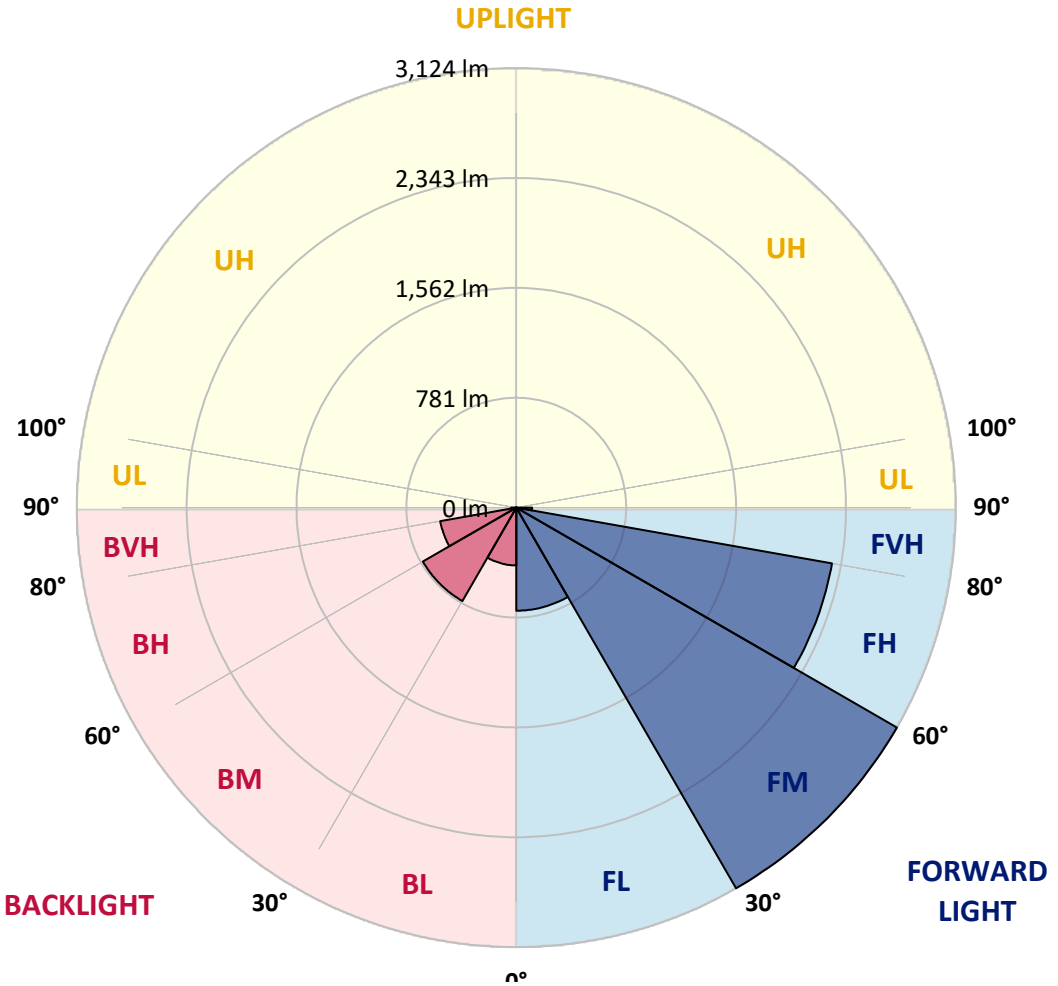
Scaled Data Report

REPORT NUMBER: P1202735
CATALOG NUMBER: GWC-SB2A-830-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	732.7	9.1			
FM	(30°-60°)	3124.1	39.0			
FH	(60°-80°)	2278.6	28.4			G2/5000
FVH	(80°-90°)	112.0	1.4			G2/225
BL	(0°-30°)	410.6	5.1	B1/500		
BM	(30°-60°)	766.6	9.6	B1/1000		
BH	(60°-80°)	548.8	6.9	B2/1000		G2/1000
BVH	(80°-90°)	36.7	0.5			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9	*1607.9*	1607.9
2.5°	1608.8	1601.2	1605.8	1604.1	1606.2	1608.8	1609.6	1610.9	1615.1	*1614.7*	1614.3
5°	1605.4	1597.8	1604.1	1602.0	1607.5	1613.4	1618.5	1623.2	1630.0	*1632.9*	1628.7
7.5°	1598.2	1593.1	1599.5	1605.8	1616.0	1624.9	1632.1	1642.7	1652.4	*1654.1*	1657.1
10°	1556.2	1552.4	1567.3	1583.8	1611.7	1635.9	1651.6	1663.9	1674.5	*1676.1*	1680.4
12.5°	1512.6	1507.9	1524.5	1546.9	1592.3	1635.9	1668.9	1685.0	1694.4	*1699.9*	1706.2
15°	1505.4	1501.6	1510.9	1530.4	1568.1	1624.5	1680.8	1710.5	1718.5	*1724.9*	1727.4
17.5°	1540.1	1532.9	1536.8	1543.5	1565.6	1613.9	1690.1	1739.3	1751.6	*1758.3*	1758.3
20°	1620.6	1610.5	1604.5	1591.0	1587.2	1615.6	1689.3	1774.0	1790.1	*1798.6*	1800.7
22.5°	1727.8	1721.1	1708.3	1674.0	1636.7	1636.3	1705.4	1818.5	1848.6	*1856.6*	1851.6
25°	1857.5	1847.3	1831.2	1784.6	1713.0	1677.4	1732.5	1875.3	1925.7	*1927.8*	1913.0
27.5°	2006.6	1991.4	1969.3	1907.9	1811.3	1741.8	1774.0	1940.5	2014.3	*2013.4*	1982.9
30°	2163.8	2148.6	2125.3	2050.7	1929.1	1828.7	1831.6	2010.9	2119.3	*2114.7*	2062.6
32.5°	2278.6	2267.2	2262.5	2204.9	2064.7	1931.2	1897.7	2088.8	2249.0	*2244.7*	2171.9
35°	2366.8	2351.9	2357.5	2328.2	2212.5	2046.0	1978.7	2181.6	2406.6	*2406.2*	2315.5
37.5°	2454.1	2440.9	2445.6	2426.1	2349.4	2191.8	2077.4	2295.2	2601.9	*2611.2*	2489.2
40°	2533.7	2519.7	2538.4	2520.2	2455.7	2346.9	2189.7	2423.5	2828.2	*2846.0*	2699.4
42.5°	2581.6	2570.6	2601.5	2601.9	2548.1	2477.8	2313.0	2565.1	3090.0	*3129.9*	2957.8
45°	2598.1	2594.3	2640.9	2650.7	2629.9	2553.6	2424.0	2719.3	3372.2	*3443.4*	3252.3
47.5°	2580.3	2573.1	2637.5	2673.5	2690.1	2589.2	2515.9	2886.2	3660.3	*3764.6*	3573.5
50°	2490.5	2476.5	2572.3	2648.1	2707.0	2612.5	2608.7	3079.0	3987.8	*4101.8*	3896.3
52.5°	2329.1	2318.5	2427.4	2559.1	2669.7	2624.0	2712.9	3289.6	4298.8	*4446.3*	4227.2
55°	2122.7	2108.7	2228.6	2400.7	2576.9	2620.1	2817.2	3525.2	4665.8	*4815.3*	4569.2
57.5°	1795.6	1767.7	1919.3	2122.7	2425.7	2615.5	2925.6	3759.5	5038.6	*5217.8*	4934.0
60°	1318.5	1277.0	1463.0	1704.1	2129.9	2570.1	3059.9	4022.2	5486.0	*5647.5*	5332.2
62.5°	767.7	743.6	865.2	1090.2	1605.4	2303.2	3135.4	4327.6	5925.8	*6095.3*	5723.7
65°	596.1	589.4	600.0	617.3	893.6	1724.4	2902.8	4625.5	6485.1	*6603.7*	6131.7
67.5°	545.3	540.2	544.9	512.3	453.4	960.5	2296.4	4700.9	7084.2	*7156.2*	6488.9
70°	484.7	478.8	494.0	466.1	356.8	436.8	1483.8	4427.2	7560.9	*7696.0*	6760.5
72.5°	*394.9*	*388.1*	*423.7*	*411.0*	*300.4*	*280.5*	*745.3*	*3776.8*	*7510.9*	*7791.4*	*6566.0*
75°	303.4	299.6	341.9	352.5	244.9	220.7	357.6	2807.4	6609.7	*6892.3*	5658.9
77.5°	235.6	232.6	254.2	292.8	197.4	171.2	219.9	1780.8	4981.0	*5030.6*	3899.7
80°	176.7	168.2	188.1	226.7	153.8	125.0	149.1	1038.5	3148.5	*2854.0*	1697.3
82.5°	110.6	106.3	122.9	151.3	108.5	86.0	97.0	573.7	1261.8	*743.2*	327.5
85°	63.1	61.4	66.9	86.4	58.9	49.6	55.5	253.4	230.5	*158.5*	98.7
87.5°	25.4	24.6	30.5	38.6	21.6	18.2	19.5	61.0	50.8	*47.0*	32.6
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: P1202735
CATALOG NUMBER: GWC-SB2A-830-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9	1607.9
2.5°	1612.6	1612.6	1606.7	1597.3	1586.7	1580.0	1569.0	1566.0	1554.5	1551.2	1556.7
5°	1632.1	1628.7	1610.5	1584.2	1548.2	1515.1	1478.7	1455.8	1423.6	1412.2	1420.7
7.5°	1656.7	1647.3	1616.0	1558.4	1482.9	1408.8	1331.7	1273.2	1217.3	1197.4	1199.9
10°	1679.1	1666.0	1612.6	1511.8	1381.3	1252.9	1130.0	1044.0	978.7	952.0	958.0
12.5°	1701.6	1677.4	1590.1	1434.2	1236.8	1062.6	931.7	864.8	824.5	792.3	802.9
15°	1722.8	1688.9	1555.4	1330.4	1078.3	901.6	805.0	751.6	719.4	698.3	702.1
17.5°	1747.3	1698.6	1503.3	1198.6	927.5	790.2	711.4	679.2	672.8	670.3	672.0
20°	1781.6	1707.5	1434.6	1051.2	816.5	701.2	660.5	657.6	657.2	655.9	660.1
22.5°	1818.5	1718.1	1344.0	917.3	722.0	645.7	638.5	632.6	628.8	628.3	633.0
25°	1862.1	1721.5	1230.4	807.6	641.5	619.4	611.0	602.1	599.5	599.5	602.1
27.5°	1904.5	1710.0	1098.2	712.2	596.1	595.3	584.3	581.3	580.9	582.2	585.5
30°	1946.9	1688.4	966.9	624.1	569.9	569.9	566.1	568.2	569.9	574.1	577.1
32.5°	2004.1	1665.6	857.1	558.9	547.0	542.8	546.6	550.8	552.5	558.0	562.7
35°	2088.0	1649.5	769.9	523.3	523.3	517.8	519.9	519.0	515.2	512.7	518.6
37.5°	2199.0	1648.6	697.8	506.7	503.4	502.5	502.9	497.4	482.6	464.8	465.2
40°	2332.5	1671.5	642.3	495.3	492.8	497.8	495.3	480.5	439.8	408.9	408.0
42.5°	2511.7	1736.7	606.7	481.3	488.9	495.3	485.1	433.9	406.3	385.6	384.7
45°	2722.7	1842.7	588.5	466.5	481.7	489.4	440.2	417.8	395.7	370.7	369.0
47.5°	2961.6	1976.1	584.3	452.5	465.6	470.3	421.2	411.0	386.0	358.9	356.8
50°	3221.8	2134.2	595.7	436.0	442.3	426.2	414.8	405.5	379.6	352.9	350.0
52.5°	3490.8	2308.3	618.6	413.5	419.0	401.2	412.3	404.2	375.8	339.8	337.3
55°	3755.2	2483.7	640.6	387.3	395.3	378.8	405.1	399.1	358.4	317.8	315.7
57.5°	4023.9	2658.3	662.2	364.0	372.4	357.2	393.6	385.6	339.0	297.4	296.6
60°	4303.1	2827.8	672.4	341.5	347.4	337.3	376.2	362.3	316.9	276.7	275.4
62.5°	4564.5	2968.8	655.9	319.0	322.9	318.6	353.4	334.7	294.9	253.4	252.9
65°	4826.8	3052.7	605.0	297.0	297.9	295.7	321.2	305.1	269.0	233.0	230.5
67.5°	5064.5	3099.8	524.1	273.3	271.2	270.3	291.1	272.9	244.0	212.7	210.2
70°	5114.9	2980.3	400.4	245.3	245.3	243.2	258.0	239.4	216.5	191.1	190.2
72.5°	*4671.7*	*2507.0*	*284.3*	*213.5*	*216.9*	*212.7*	*225.0*	*209.3*	*188.5*	*171.6*	*166.5*
75°	3767.1	1838.4	206.8	180.9	186.9	179.6	191.1	180.1	162.3	161.9	145.8
77.5°	2588.4	1136.8	150.0	149.1	153.4	144.1	157.2	151.3	135.2	128.0	119.9
80°	1104.6	453.4	109.3	115.2	115.2	106.8	122.0	123.7	109.7	106.3	106.3
82.5°	219.9	128.8	76.7	79.2	74.6	72.0	86.4	95.8	132.2	147.0	147.4
85°	66.1	47.5	46.2	43.2	38.1	38.6	50.8	96.2	118.6	67.8	58.5
87.5°	18.2	11.9	12.3	9.7	8.1	10.6	17.4	72.9	39.8	16.9	14.4
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

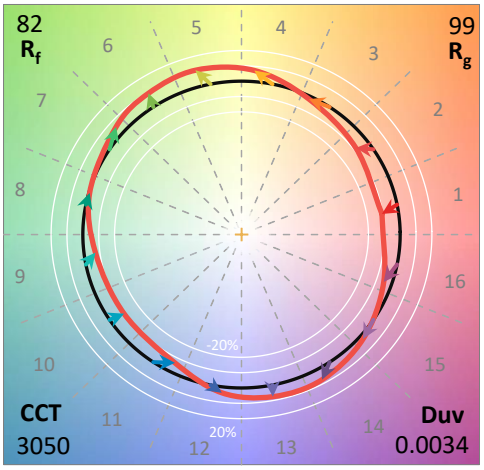
Test Information

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

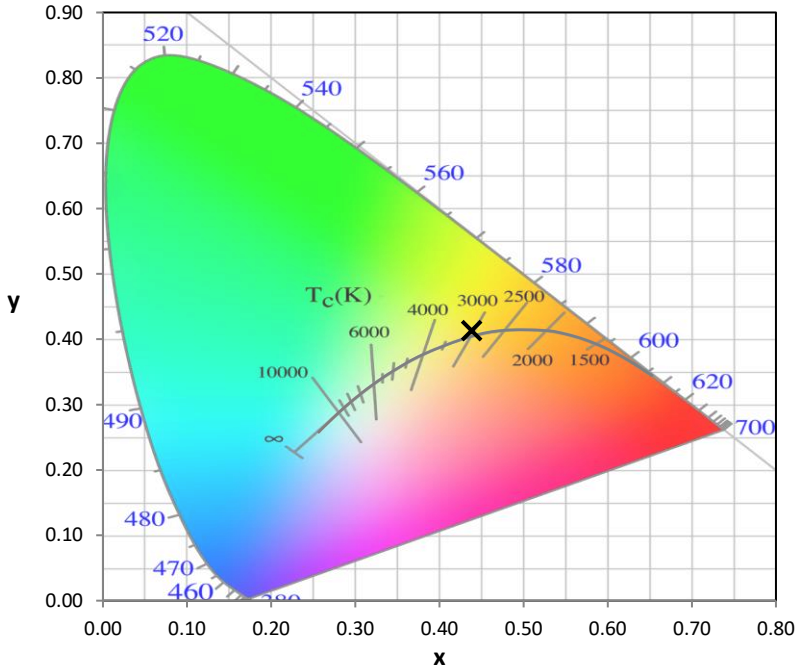
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

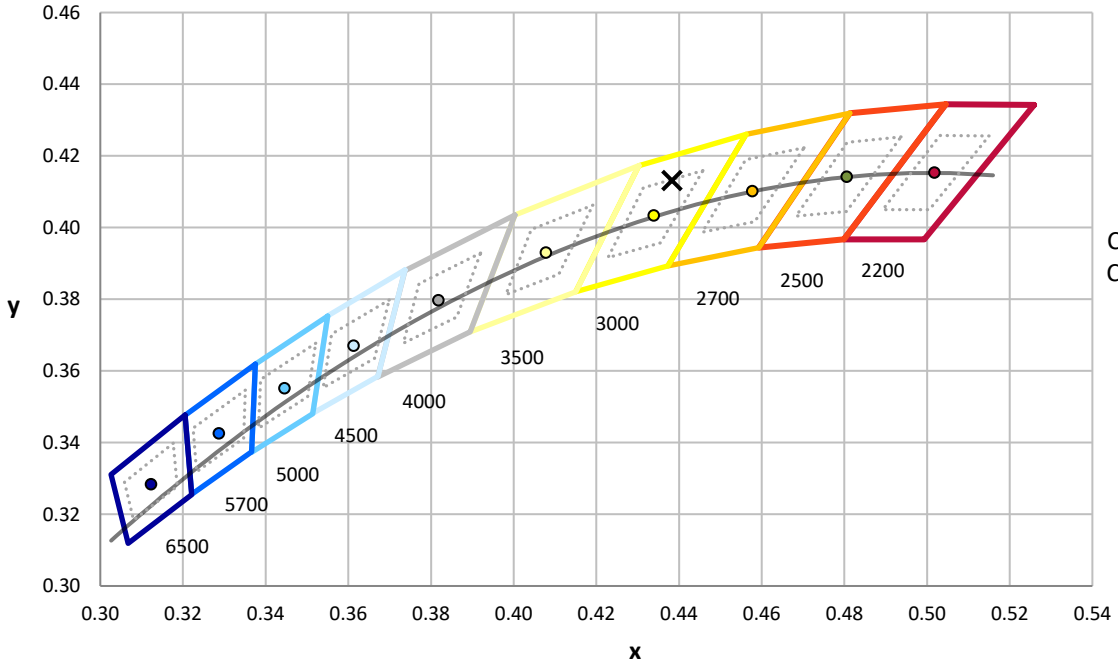
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

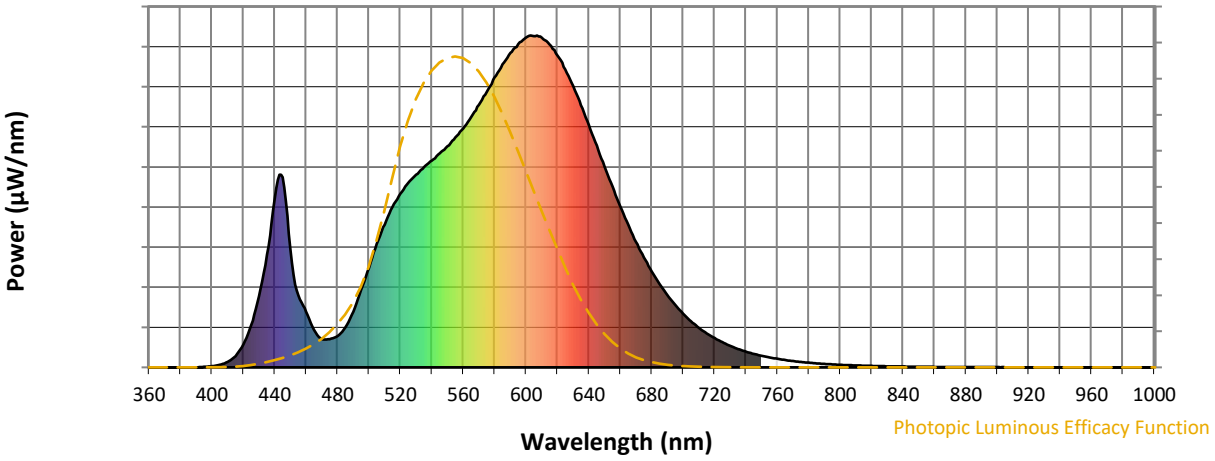


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

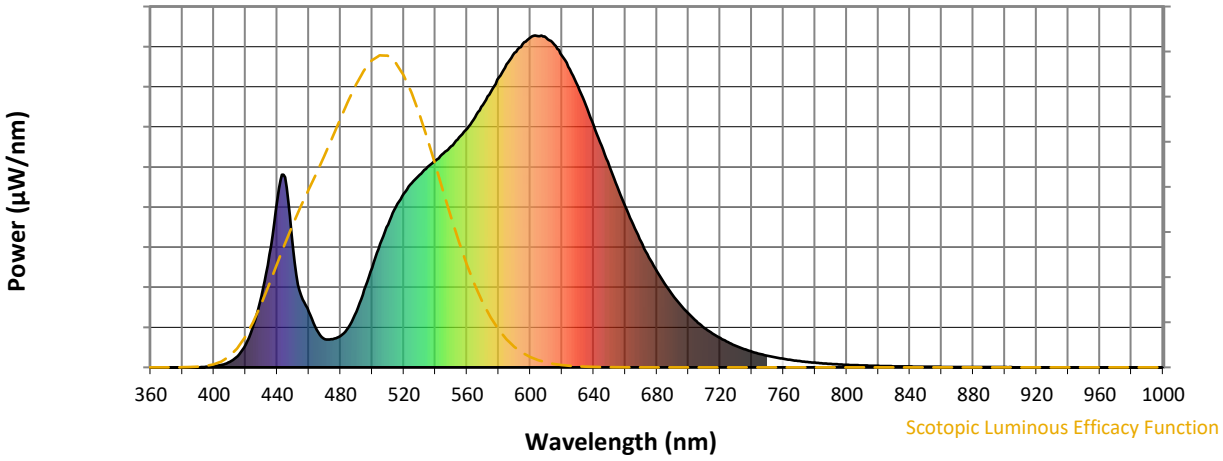


Photopic Lumens: NR

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

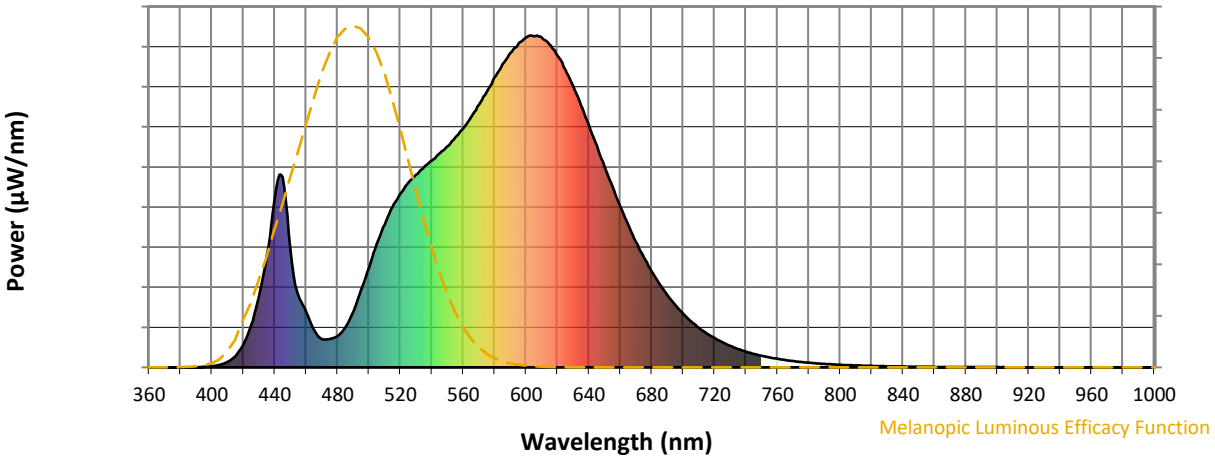


Scotopic Lumens: NR **S/P: 1.27**

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			

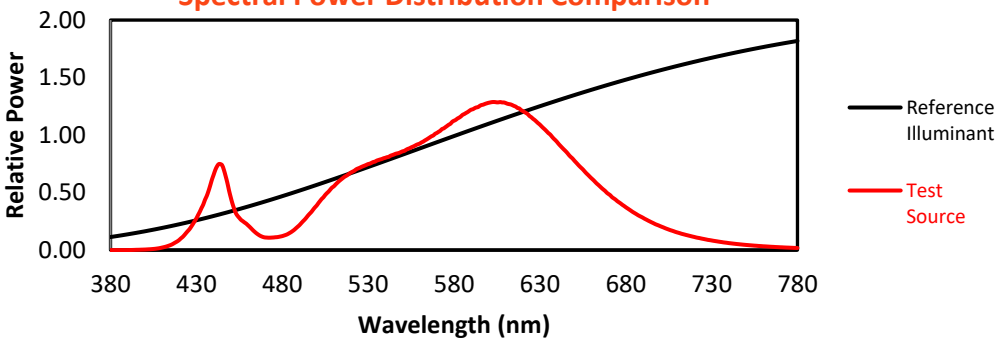
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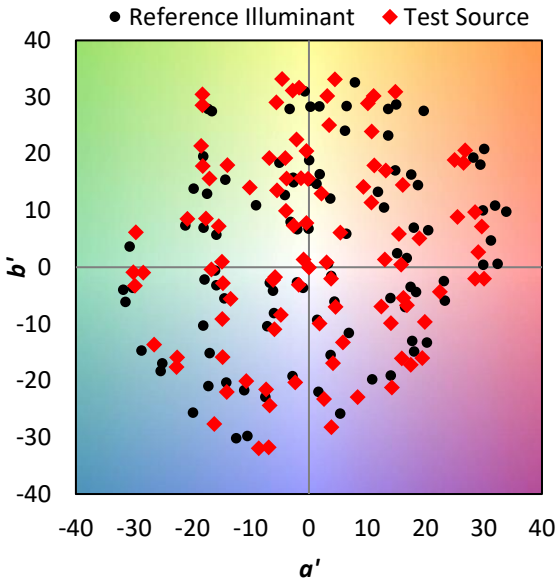
Summary

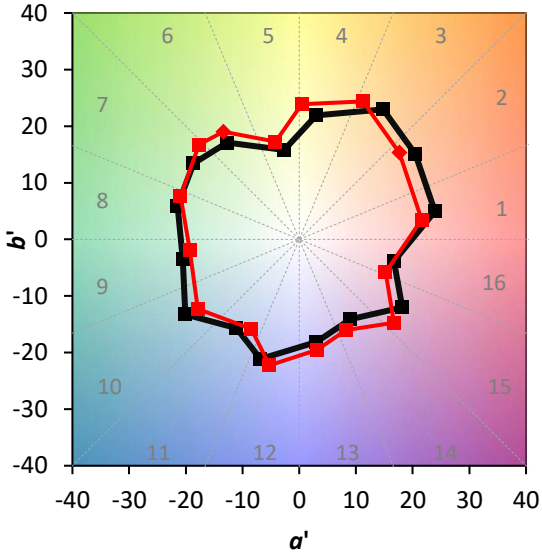
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

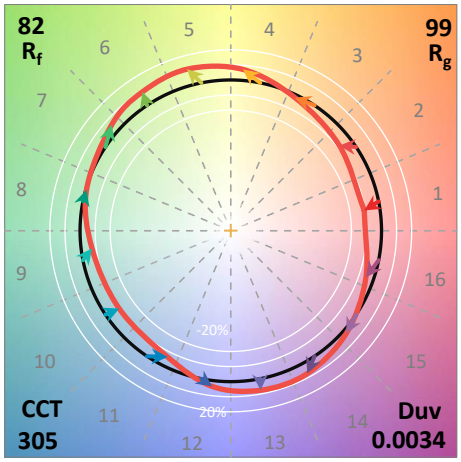
Spectral Power Distribution Comparison

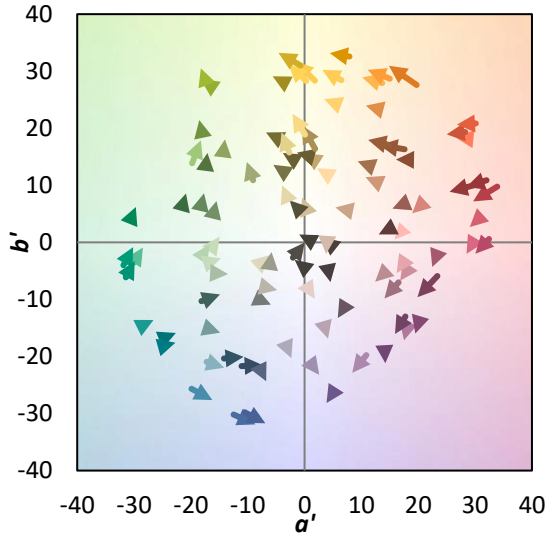


Color Vector Graphics







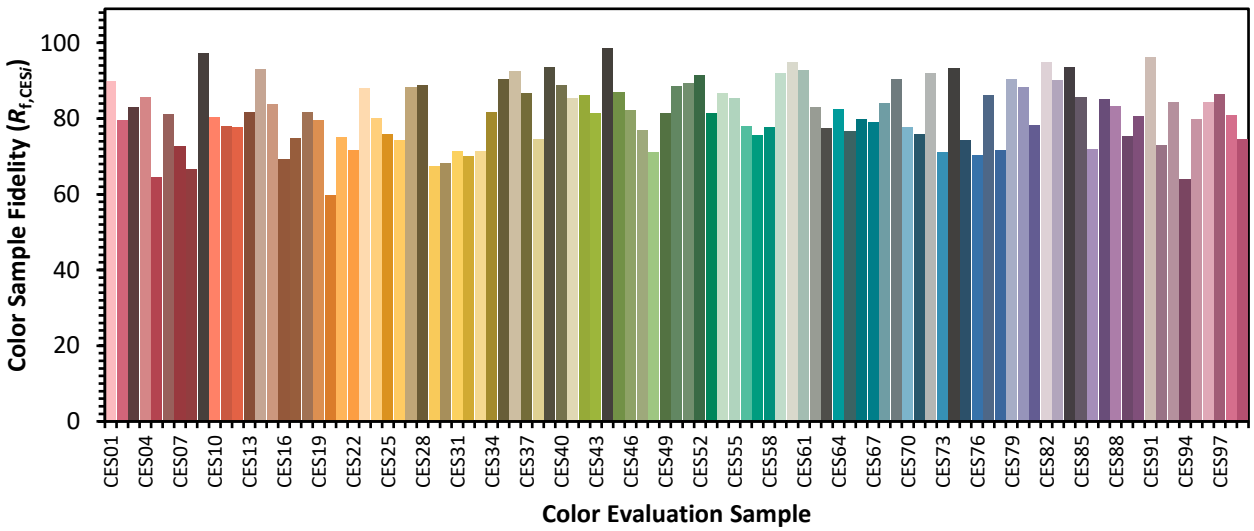


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Individual Sample Fidelity Index ($R_{f,i}$)

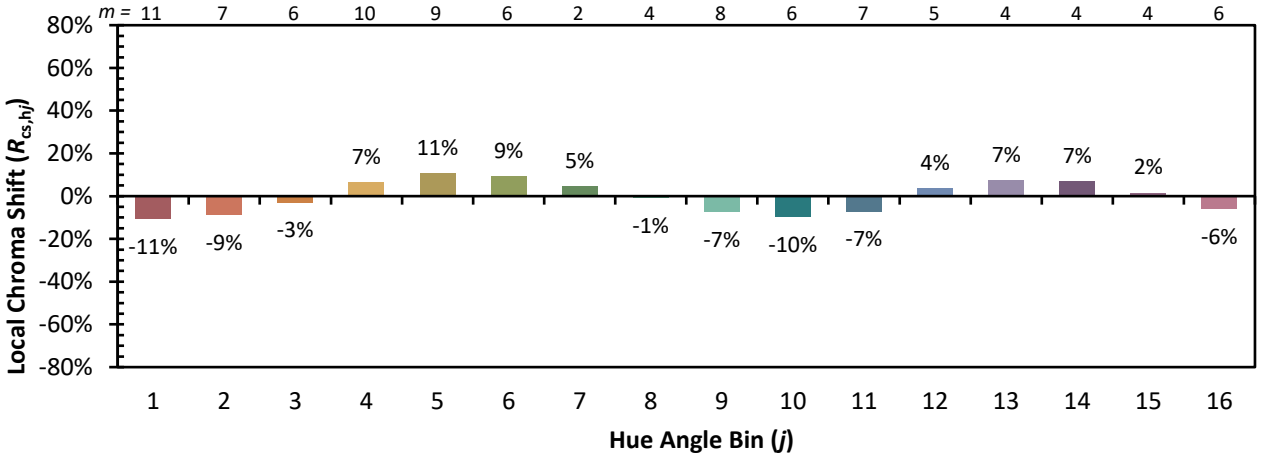
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	

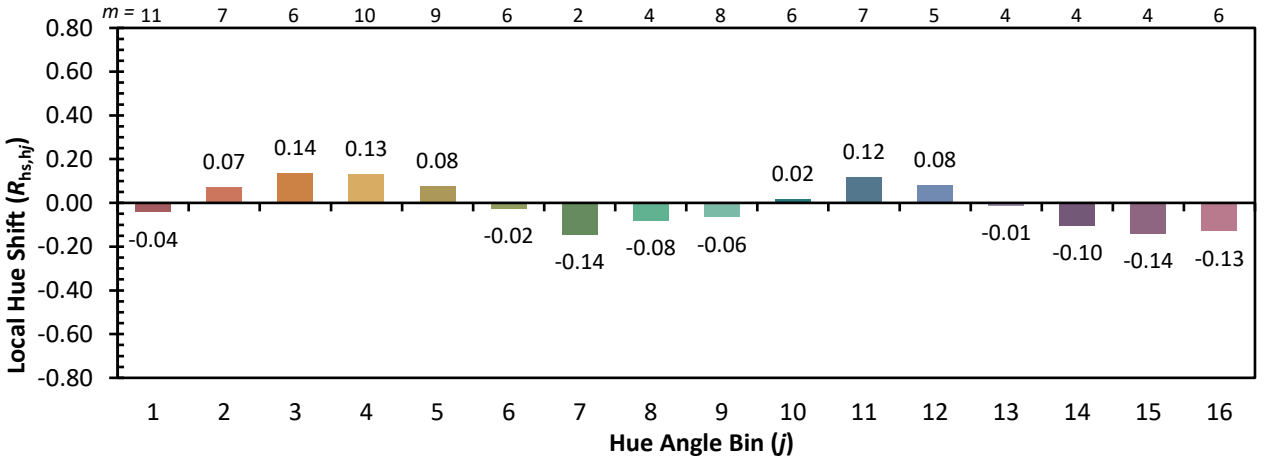


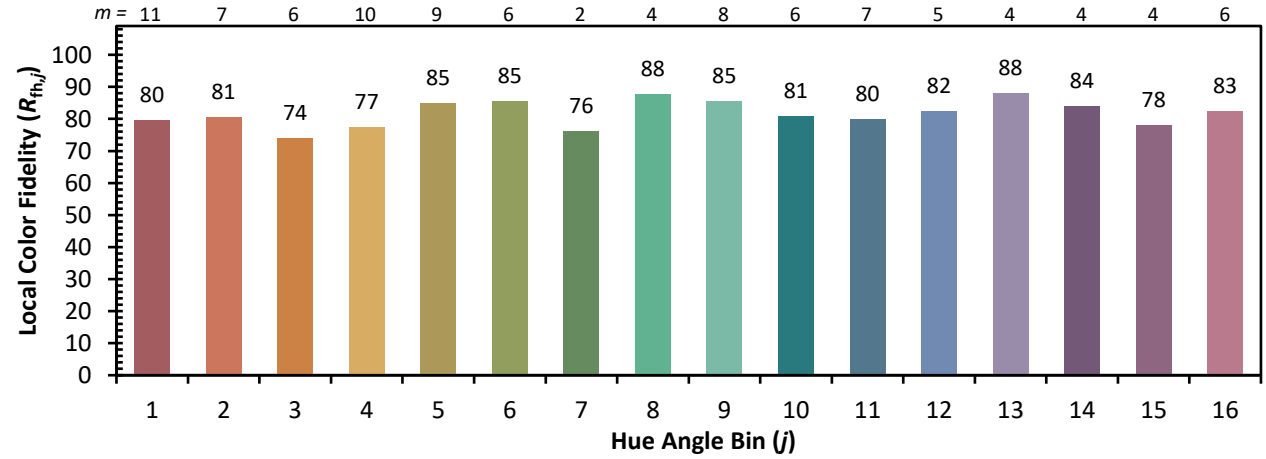
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Color Rendition by Hue-Angle Bin



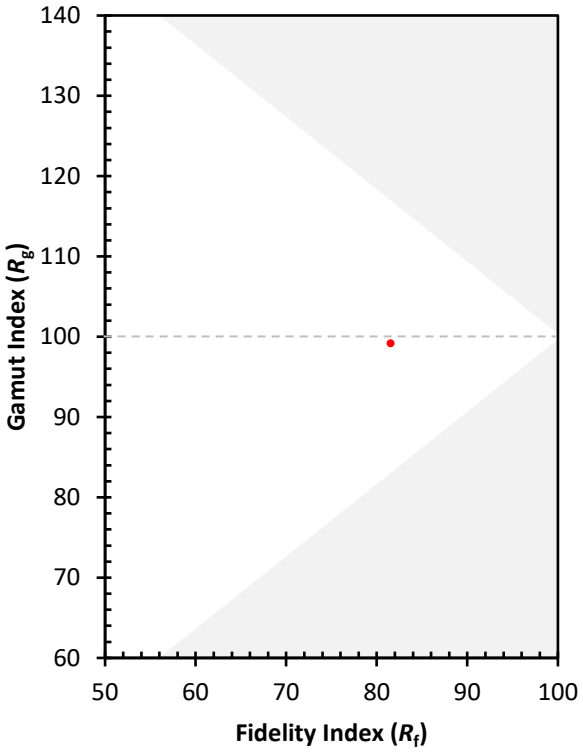


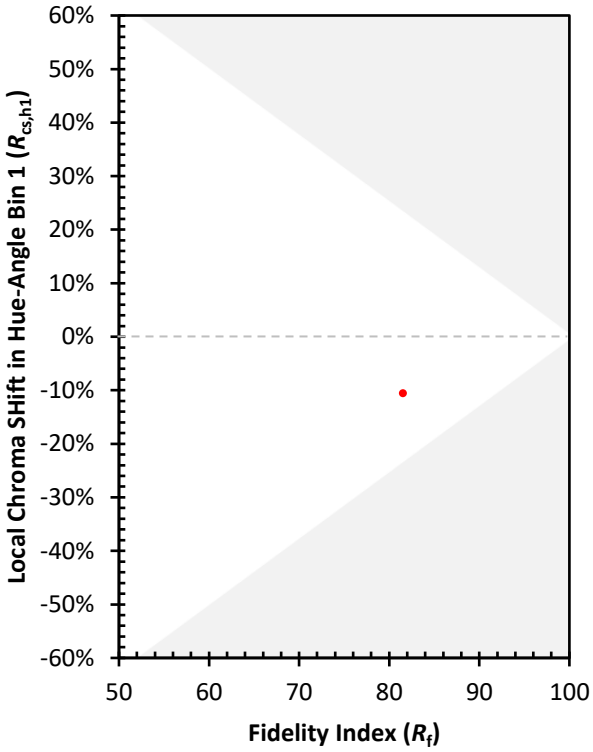


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Measure Comparisons





(END OF REPORT)