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: P1201987

Luminaire Tested: GWC-SB1C-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:	P1201987
	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-SB1C-830-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6724 lumens
Efficiency:	N/A
Efficacy:	123.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

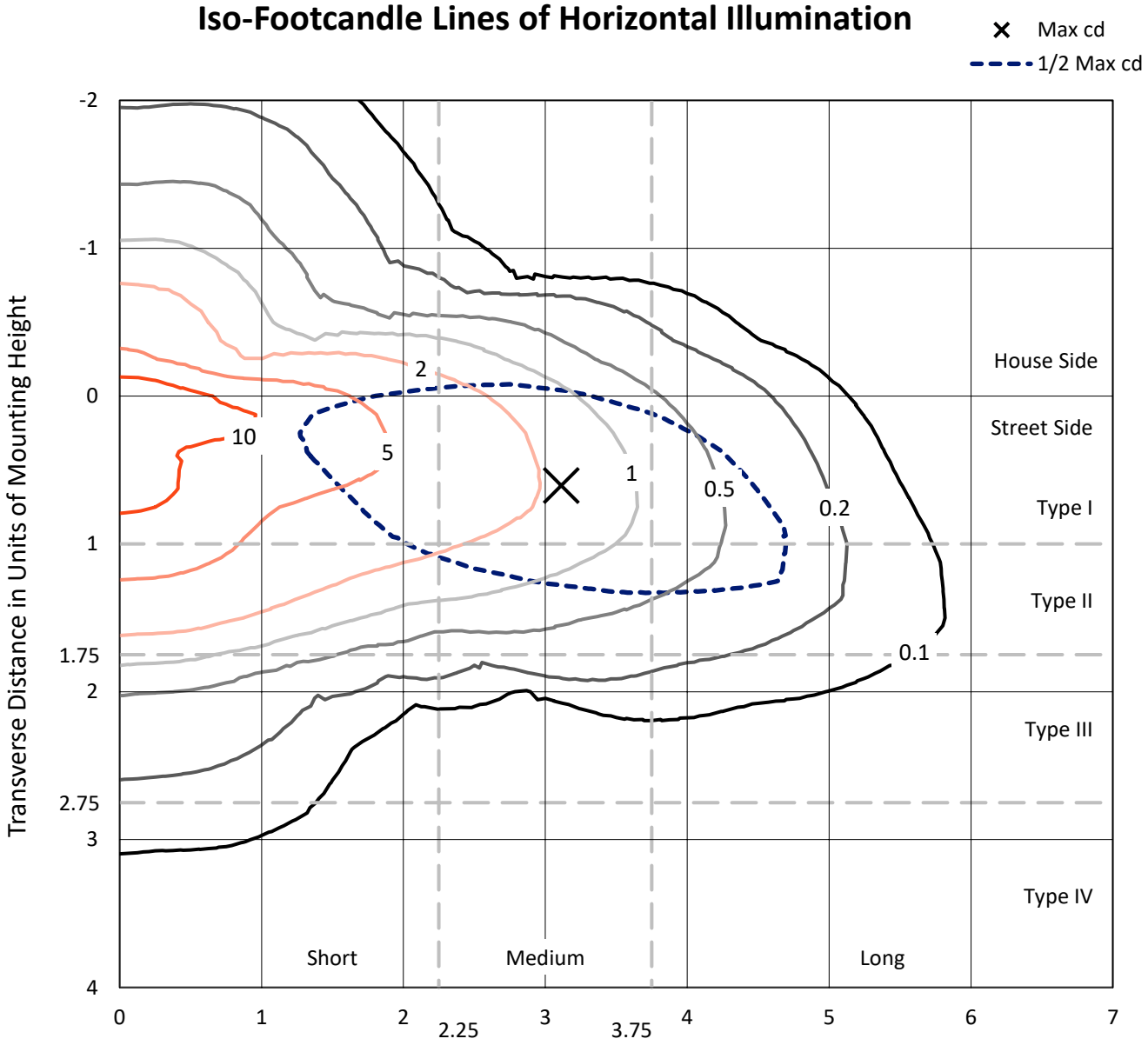


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Scaled Data Report

REPORT NUMBER: P1201987
CATALOG NUMBER: GWC-SB1C-830-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



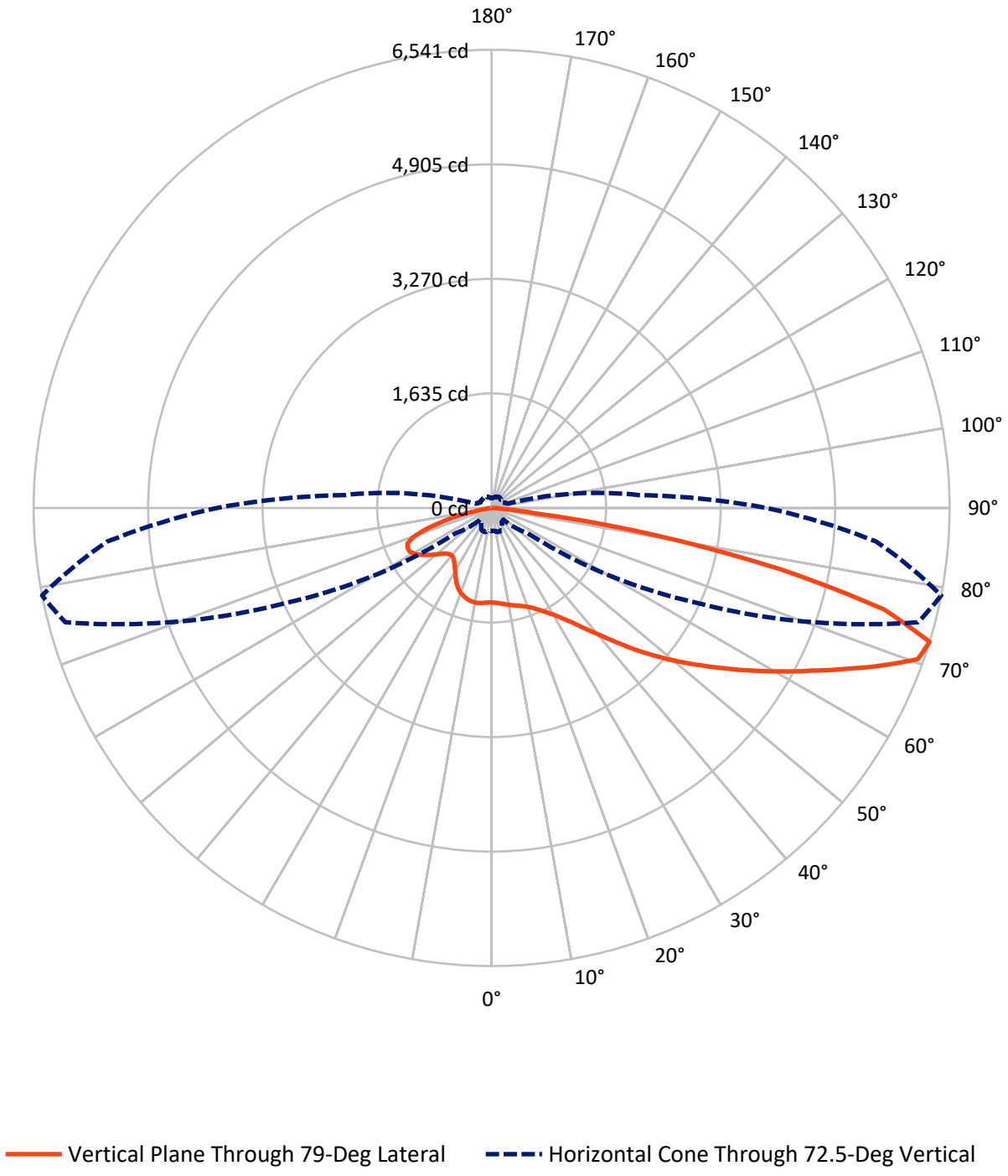
Based on 10 foot mounting height. Maximum calculated value = 12.5 fc
Type II - Medium - N/A

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REPORT NUMBER: P1201987
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Luminous Intensity Polar Plot



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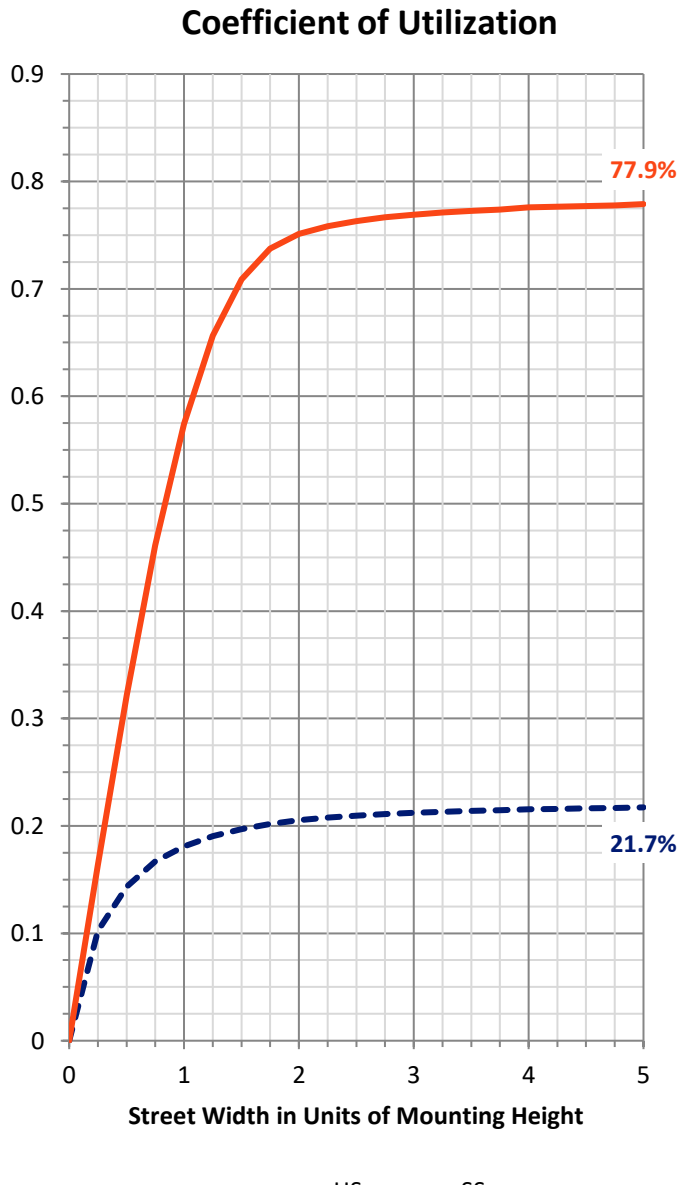
REPORT NUMBER: P1201987
CATALOG NUMBER: GWC-SB1C-830-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1479.7	0.0	1479.7
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	5244.4	0.0	5244.4
	% Fixture	78.0	0.0	78.0
Total	Lumens	6724.0	0.0	6724.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.5	1.8
10°-20°	320.3	4.8
20°-30°	516.9	7.7
30°-40°	775.8	11.5
40°-50°	1100.5	16.4
50°-60°	1389.7	20.7
60°-70°	1411.5	21.0
70°-80°	962.0	14.3
80°-90°	124.8	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°	6724.0	100.0
0°-180°	6724.0	100.0



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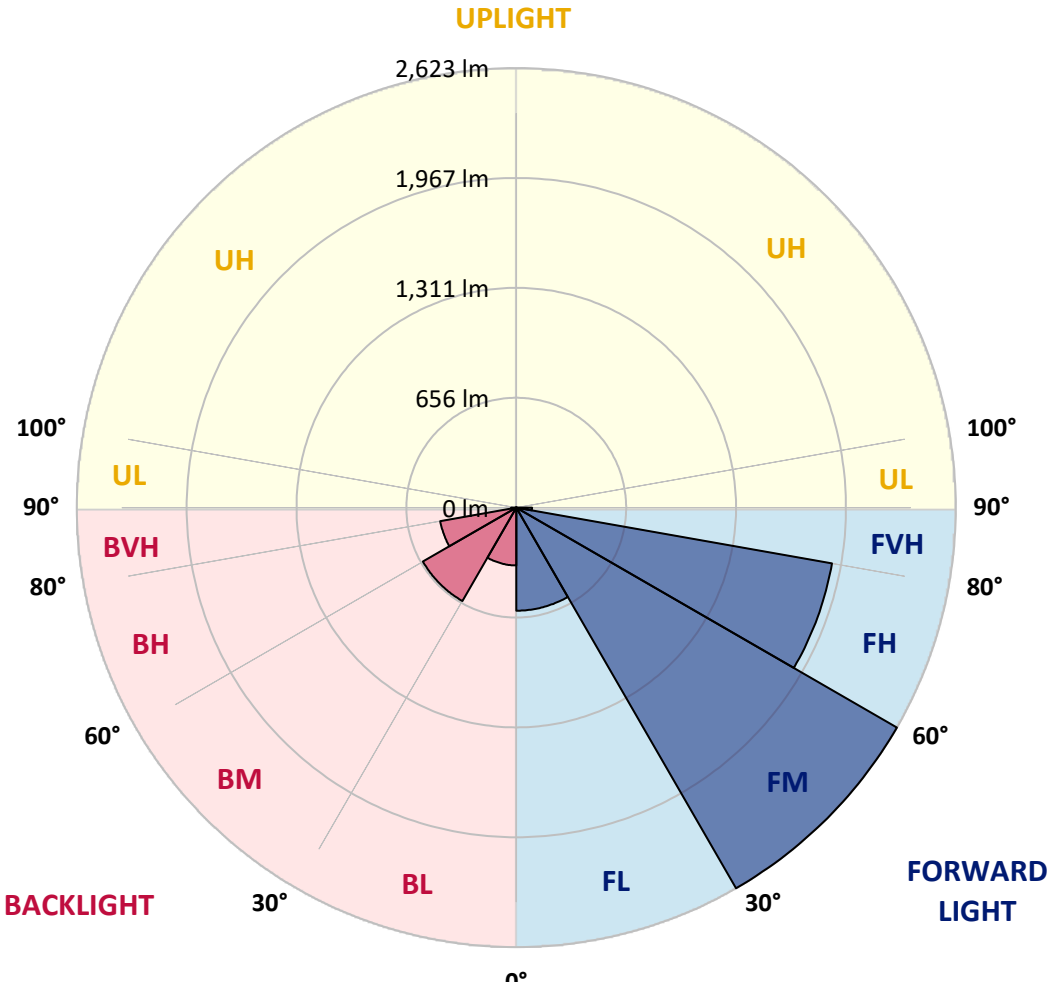
Scaled Data Report

REPORT NUMBER: P1201987
CATALOG NUMBER: GWC-SB1C-830-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	615.1	9.1			
FM	(30°-60°)	2622.5	39.0			
FH	(60°-80°)	1912.7	28.4			G2/5000
FVH	(80°-90°)	94.0	1.4			G1/100
BL	(0°-30°)	344.7	5.1	B1/500		
BM	(30°-60°)	643.5	9.6	B1/1000		
BH	(60°-80°)	460.7	6.9	B1/500		G1/500
BVH	(80°-90°)	30.8	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-G2
Type II Medium



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Scaled Data Report

REPORT NUMBER: P1201987
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8	*1349.8*	1349.8
2.5°	1350.5	1344.1	1348.0	1346.6	1348.4	1350.5	1351.2	1352.3	1355.8	*1355.5*	1355.1
5°	1347.6	1341.2	1346.6	1344.8	1349.4	1354.4	1358.7	1362.6	1368.3	*1370.8*	1367.2
7.5°	1341.6	1337.3	1342.7	1348.0	1356.5	1364.0	1370.1	1378.9	1387.1	*1388.5*	1391.0
10°	1306.4	1303.2	1315.6	1329.5	1353.0	1373.3	1386.4	1396.7	1405.6	*1407.0*	1410.6
12.5°	1269.8	1265.8	1279.7	1298.6	1336.6	1373.3	1401.0	1414.5	1422.3	*1427.0*	1432.3
15°	1263.7	1260.5	1268.3	1284.7	1316.3	1363.7	1411.0	1435.9	1442.6	*1447.9*	1450.1
17.5°	1292.9	1286.8	1290.0	1295.7	1314.2	1354.8	1418.8	1460.0	1470.4	*1476.0*	1476.0
20°	1360.4	1351.9	1346.9	1335.6	1332.4	1356.2	1418.1	1489.2	1502.7	*1509.8*	1511.6
22.5°	1450.4	1444.7	1434.1	1405.3	1374.0	1373.6	1431.6	1526.5	1551.8	*1558.6*	1554.3
25°	1559.3	1550.7	1537.2	1498.1	1438.0	1408.1	1454.3	1574.2	1616.5	*1618.3*	1605.9
27.5°	1684.5	1671.7	1653.2	1601.6	1520.5	1462.2	1489.2	1629.0	1690.9	*1690.2*	1664.5
30°	1816.4	1803.6	1784.1	1721.5	1619.4	1535.1	1537.6	1688.0	1779.1	*1775.2*	1731.4
32.5°	1912.8	1903.2	1899.3	1850.9	1733.2	1621.2	1593.1	1753.5	1887.9	*1884.4*	1823.2
35°	1986.8	1974.3	1979.0	1954.4	1857.3	1717.5	1661.0	1831.4	2020.2	*2019.9*	1943.8
37.5°	2060.1	2049.0	2052.9	2036.6	1972.2	1839.9	1743.9	1926.7	2184.2	*2192.0*	2089.6
40°	2126.9	2115.2	2130.8	2115.5	2061.5	1970.1	1838.1	2034.4	2374.1	*2389.1*	2266.0
42.5°	2167.1	2157.9	2183.8	2184.2	2139.0	2080.0	1941.6	2153.2	2593.9	*2627.4*	2483.0
45°	2181.0	2177.8	2216.9	2225.1	2207.7	2143.6	2034.8	2282.7	2830.8	*2890.6*	2730.1
47.5°	2166.0	2160.0	2214.1	2244.3	2258.2	2173.5	2112.0	2422.8	3072.7	*3160.2*	2999.7
50°	2090.6	2078.9	2159.3	2223.0	2272.4	2193.1	2189.9	2584.7	3347.6	*3443.3*	3270.8
52.5°	1955.1	1946.2	2037.7	2148.3	2241.1	2202.7	2277.4	2761.4	3608.7	*3732.4*	3548.5
55°	1781.9	1770.2	1870.8	2015.2	2163.2	2199.5	2364.9	2959.2	3916.7	*4042.2*	3835.6
57.5°	1507.3	1483.9	1611.2	1781.9	2036.2	2195.6	2455.9	3155.9	4229.7	*4380.1*	4141.8
60°	1106.9	1072.0	1228.1	1430.5	1788.0	2157.5	2568.7	3376.4	4605.3	*4740.8*	4476.1
62.5°	644.5	624.2	726.3	915.1	1347.6	1933.4	2632.0	3632.8	4974.4	*5116.7*	4804.8
65°	500.4	494.7	503.6	518.2	750.1	1447.6	2436.7	3882.9	5443.9	*5543.5*	5147.3
67.5°	457.8	453.5	457.4	430.0	380.6	806.3	1927.7	3946.2	5946.9	*6007.3*	5447.1
70°	406.9	401.9	414.7	391.2	299.5	366.7	1245.6	3716.4	6347.0	*6460.4*	5675.1
72.5°	*331.5*	*325.8*	*355.7*	*345.0*	*252.2*	*235.5*	*625.6*	*3170.5*	*6305.0*	*6540.5*	*5511.9*
75°	254.7	251.5	287.0	295.9	205.6	185.3	300.2	2356.7	5548.5	*5785.7*	4750.4
77.5°	197.8	195.3	213.4	245.8	165.7	143.7	184.6	1494.9	4181.3	*4222.9*	3273.6
80°	148.3	141.2	157.9	190.3	129.1	104.9	125.2	871.8	2643.0	*2395.8*	1424.8
82.5°	92.8	89.3	103.1	127.0	91.1	72.2	81.4	481.6	1059.2	*623.9*	274.9
85°	53.0	51.6	56.2	72.6	49.4	41.6	46.6	212.7	193.5	*133.0*	82.9
87.5°	21.3	20.6	25.6	32.4	18.1	15.3	16.4	51.2	42.7	*39.5*	27.4
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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Scaled Data Report

REPORT NUMBER: P1201987
CATALOG NUMBER: GWC-SB1C-830-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8	1349.8
2.5°	1353.7	1353.7	1348.7	1340.9	1332.0	1326.3	1317.1	1314.6	1305.0	1302.1	1306.7
5°	1370.1	1367.2	1351.9	1329.9	1299.6	1271.9	1241.3	1222.1	1195.1	1185.5	1192.6
7.5°	1390.7	1382.9	1356.5	1308.2	1244.9	1182.6	1117.9	1068.8	1021.8	1005.1	1007.3
10°	1409.5	1398.5	1353.7	1269.0	1159.5	1051.7	948.6	876.4	821.6	799.2	804.2
12.5°	1428.4	1408.1	1334.8	1204.0	1038.2	892.0	782.1	725.9	692.1	665.1	674.0
15°	1446.2	1417.7	1305.7	1116.8	905.2	756.9	675.8	631.0	603.9	586.1	589.4
17.5°	1466.8	1425.9	1261.9	1006.2	778.6	663.3	597.2	570.1	564.8	562.7	564.1
20°	1495.6	1433.4	1204.3	882.4	685.4	588.6	554.5	552.0	551.6	550.6	554.1
22.5°	1526.5	1442.3	1128.2	770.0	606.1	542.0	536.0	531.0	527.8	527.5	531.4
25°	1563.2	1445.1	1032.9	677.9	538.5	520.0	512.9	505.4	503.3	503.3	505.4
27.5°	1598.8	1435.5	921.9	597.9	500.4	499.7	490.5	488.0	487.6	488.7	491.5
30°	1634.3	1417.4	811.6	523.9	478.4	478.4	475.2	477.0	478.4	481.9	484.4
32.5°	1682.3	1398.2	719.5	469.1	459.2	455.6	458.8	462.4	463.8	468.4	472.3
35°	1752.8	1384.6	646.3	439.3	439.3	434.6	436.4	435.7	432.5	430.4	435.3
37.5°	1845.9	1383.9	585.8	425.4	422.5	421.8	422.2	417.6	405.1	390.2	390.5
40°	1958.0	1403.1	539.2	415.8	413.6	417.9	415.8	403.3	369.2	343.2	342.5
42.5°	2108.4	1457.9	509.3	404.0	410.4	415.8	407.2	364.2	341.1	323.7	323.0
45°	2285.6	1546.8	494.0	391.6	404.4	410.8	369.5	350.7	332.2	311.2	309.8
47.5°	2486.2	1658.9	490.5	379.9	390.9	394.8	353.5	345.0	324.0	301.3	299.5
50°	2704.5	1791.5	500.1	366.0	371.3	357.8	348.2	340.4	318.7	296.3	293.8
52.5°	2930.4	1937.7	519.3	347.1	351.8	336.8	346.1	339.3	315.5	285.2	283.1
55°	3152.3	2085.0	537.8	325.1	331.8	318.0	340.0	335.0	300.9	266.8	265.0
57.5°	3377.8	2231.5	555.9	305.5	312.6	299.8	330.4	323.7	284.5	249.7	249.0
60°	3612.2	2373.8	564.5	286.7	291.7	283.1	315.8	304.1	266.0	232.3	231.2
62.5°	3831.7	2492.2	550.6	267.8	271.0	267.5	296.6	281.0	247.5	212.7	212.3
65°	4051.8	2562.6	507.9	249.3	250.0	248.3	269.6	256.1	225.9	195.6	193.5
67.5°	4251.4	2602.1	440.0	229.4	227.6	226.9	244.3	229.1	204.9	178.5	176.4
70°	4293.7	2501.8	336.1	205.9	205.9	204.2	216.6	201.0	181.7	160.4	159.7
72.5°	*3921.7*	*2104.5*	*238.7*	*179.3*	*182.1*	*178.5*	*188.9*	*175.7*	*158.3*	*144.0*	*139.8*
75°	3162.3	1543.3	173.6	151.9	156.9	150.8	160.4	151.2	136.2	135.9	122.4
77.5°	2172.8	954.3	125.9	125.2	128.8	120.9	132.0	127.0	113.5	107.4	100.7
80°	927.2	380.6	91.8	96.7	96.7	89.6	102.4	103.9	92.1	89.3	89.3
82.5°	184.6	108.1	64.4	66.5	62.6	60.5	72.6	80.4	111.0	123.4	123.8
85°	55.5	39.8	38.8	36.3	32.0	32.4	42.7	80.7	99.6	56.9	49.1
87.5°	15.3	10.0	10.3	8.2	6.8	8.9	14.6	61.2	33.4	14.2	12.1
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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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

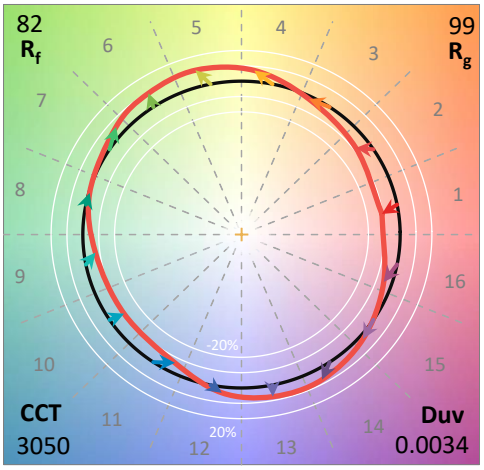
Test Information

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

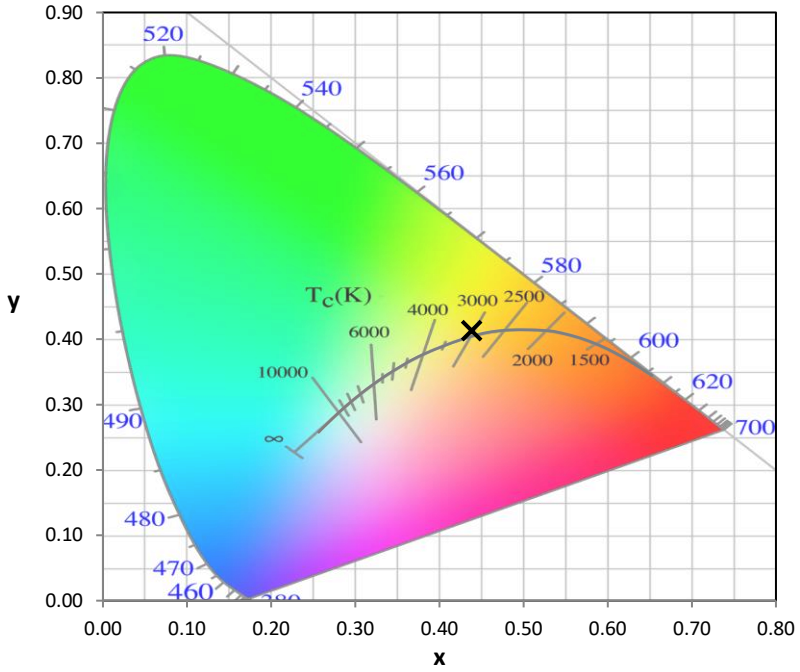
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

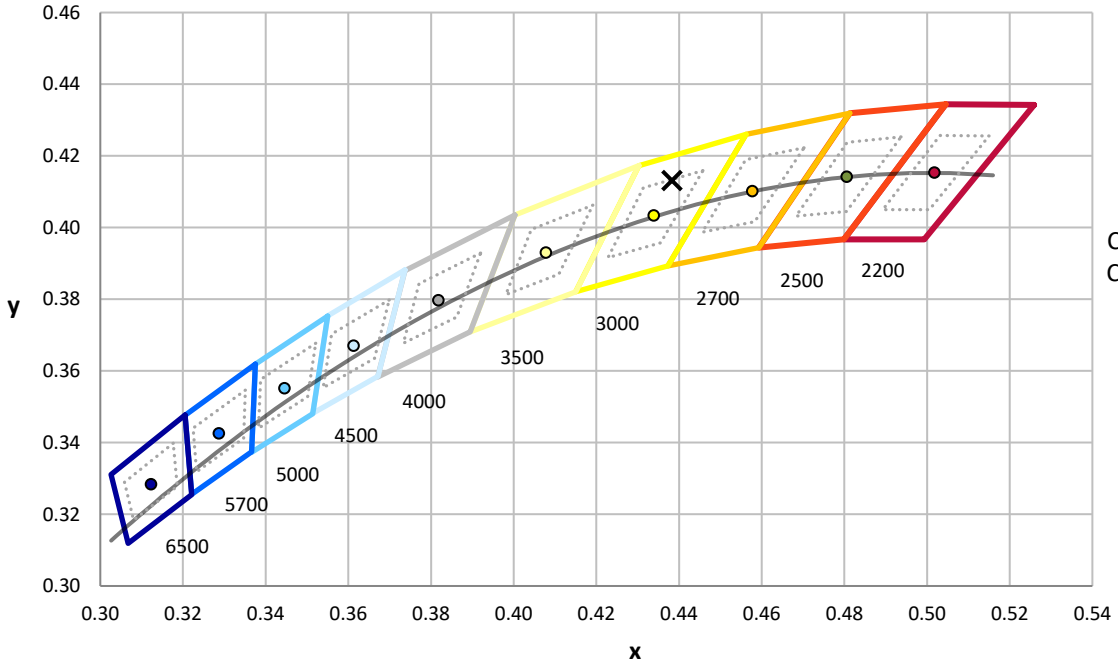
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

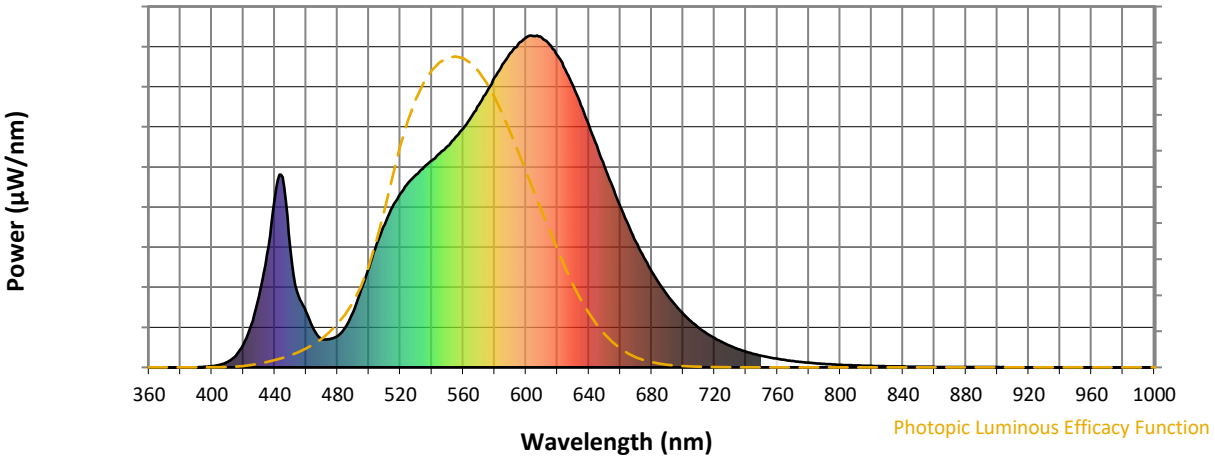


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

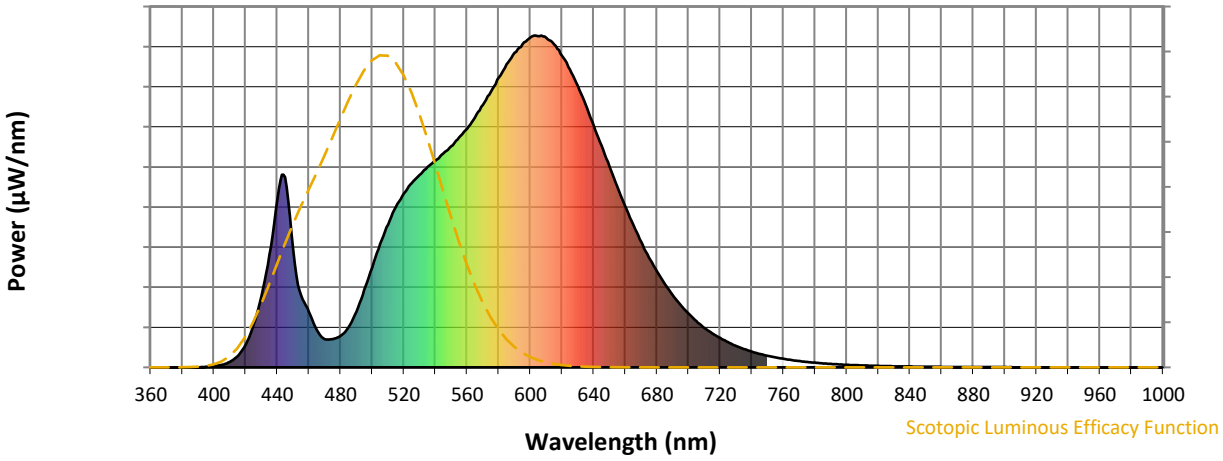


Photopic Lumens: NR

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

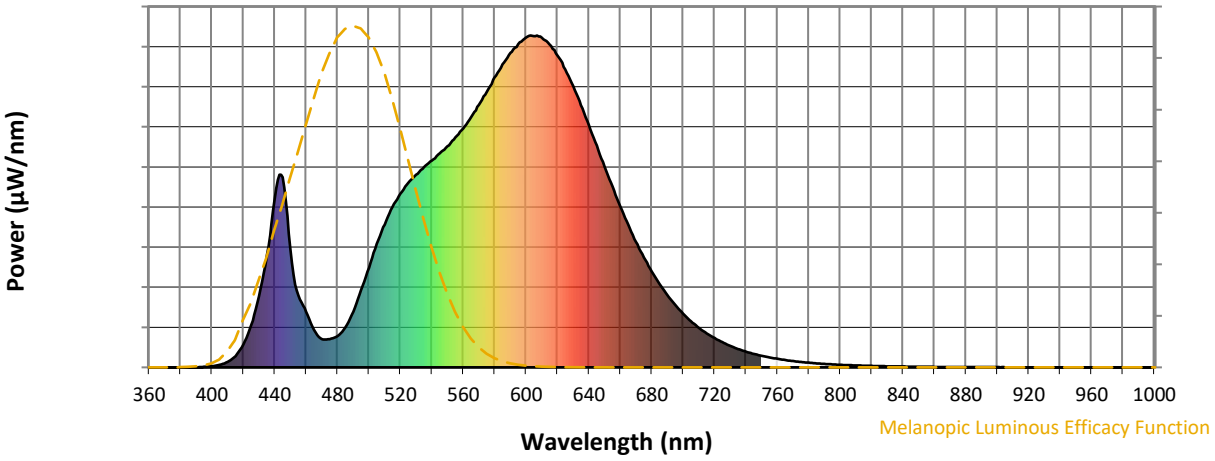


Scotopic Lumens: NR **S/P: 1.27**

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			

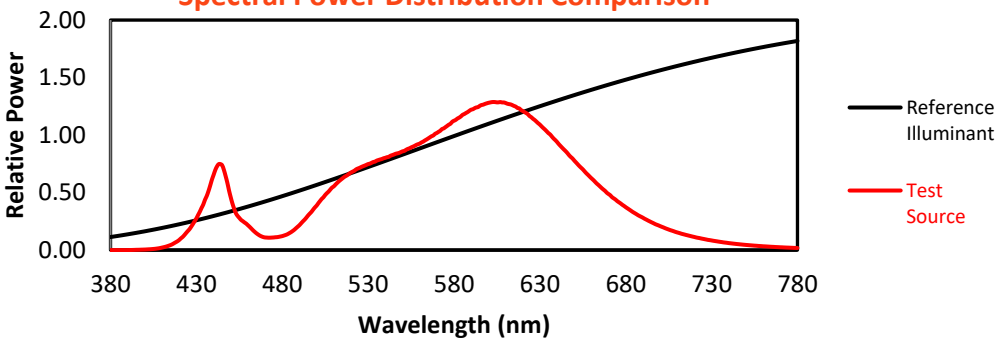
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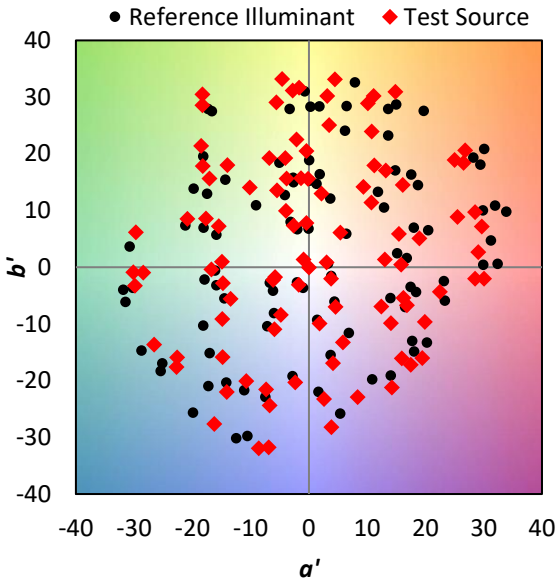
Summary

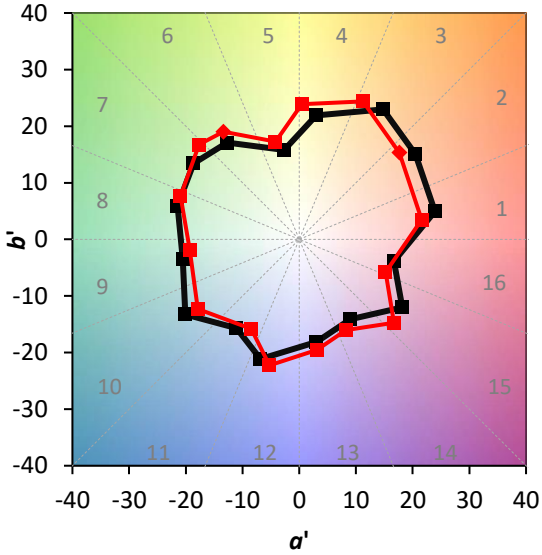
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

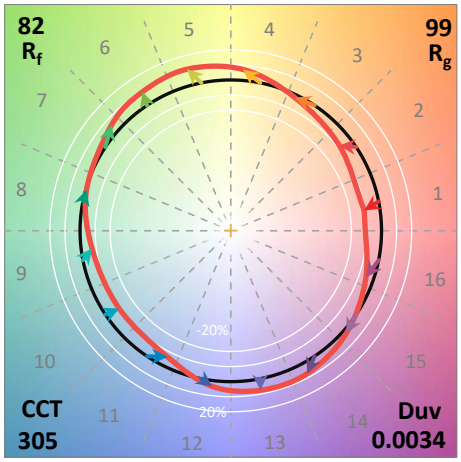
Spectral Power Distribution Comparison

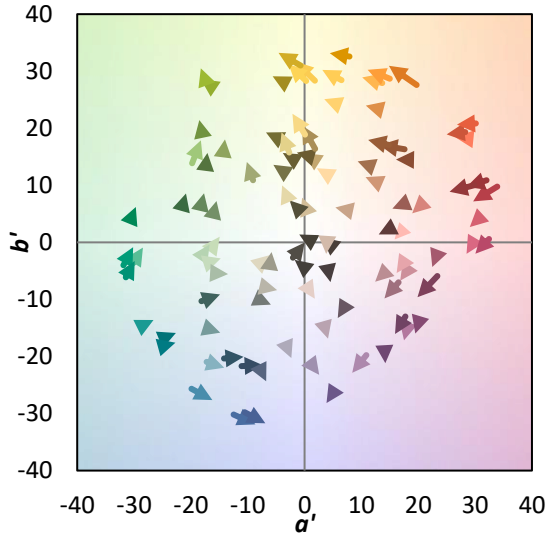


Color Vector Graphics







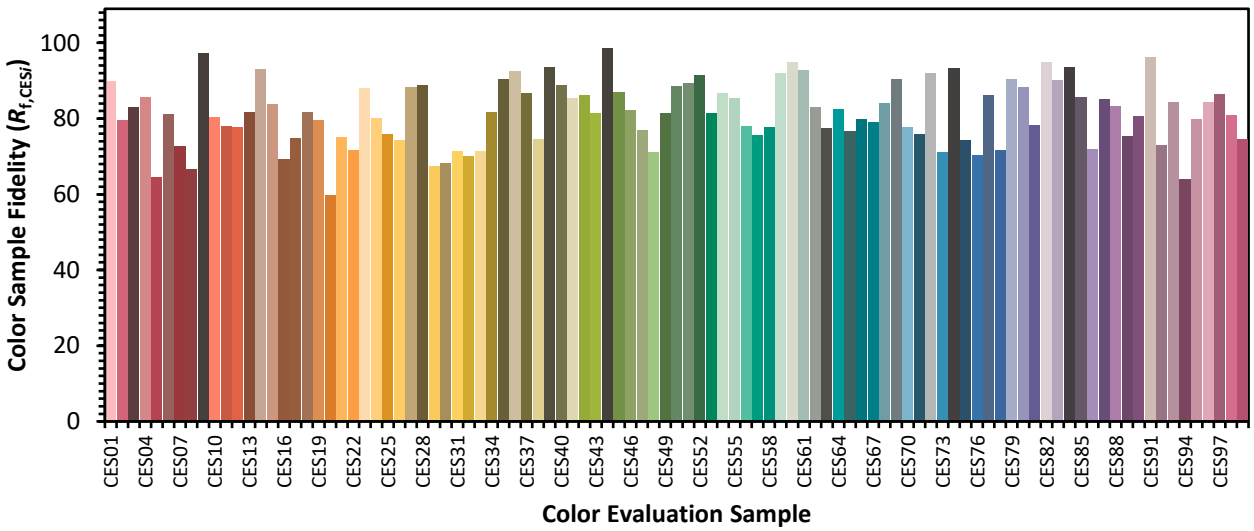


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Individual Sample Fidelity Index ($R_{f,i}$)

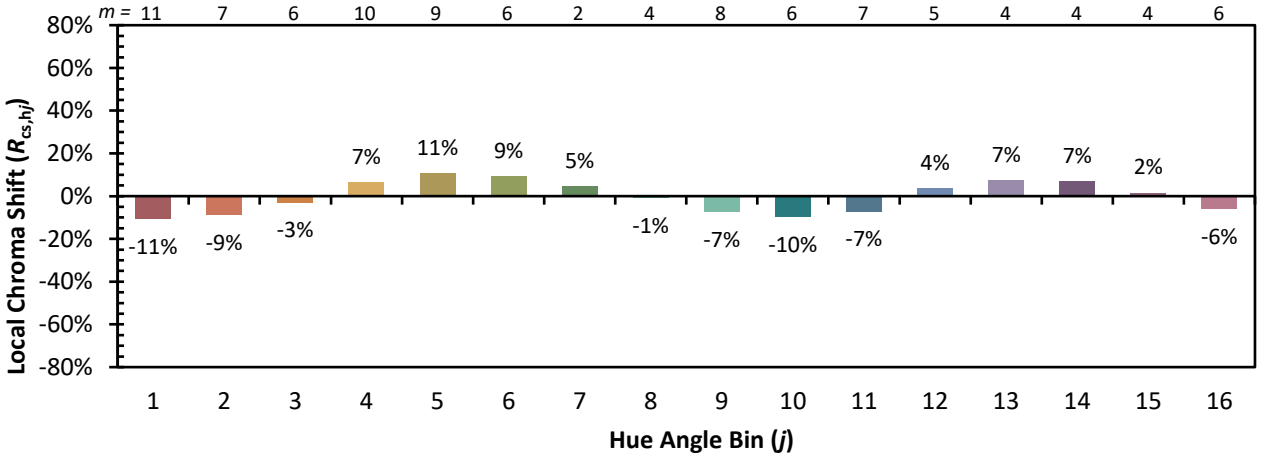
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

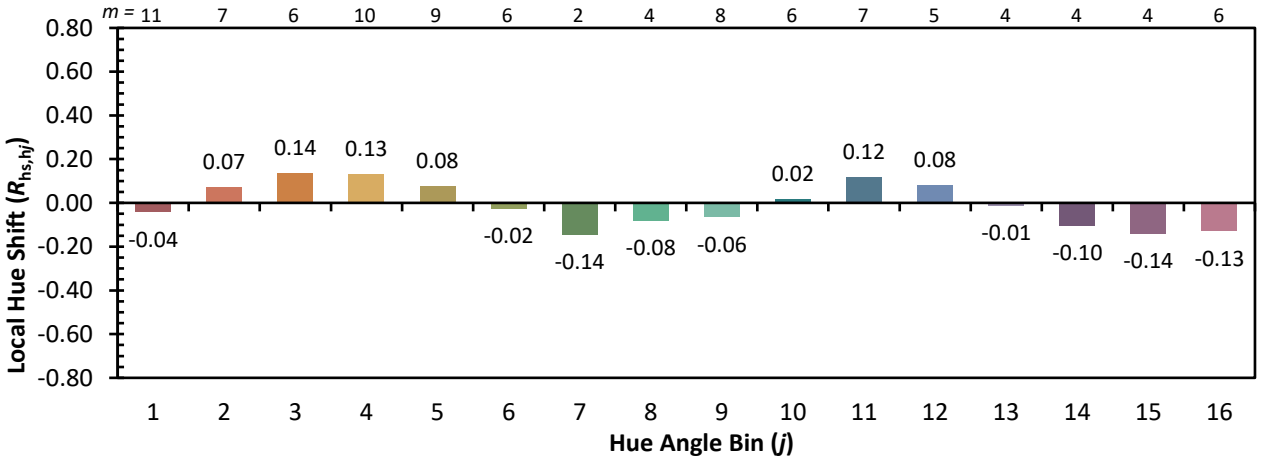


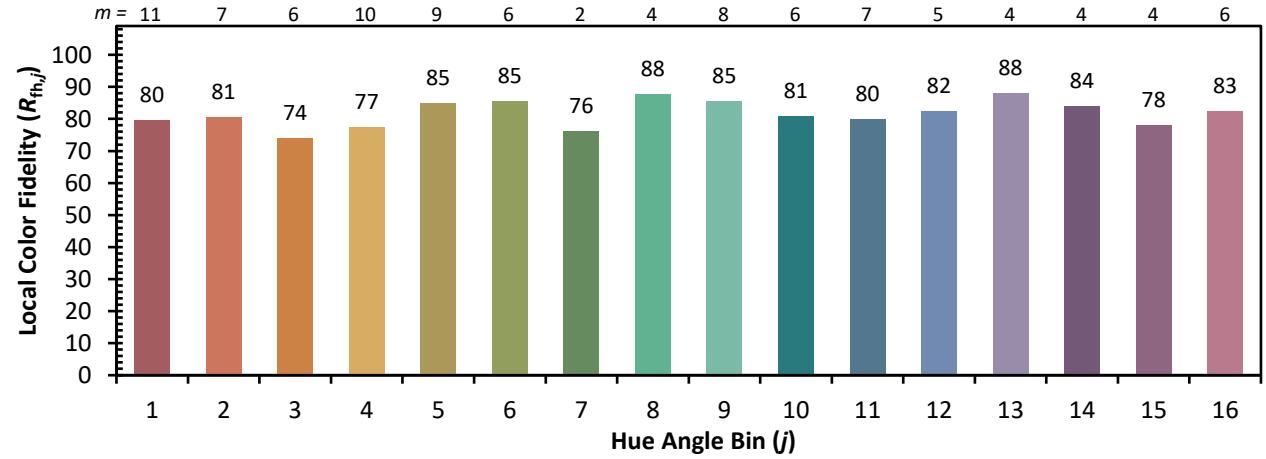
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Color Rendition by Hue-Angle Bin



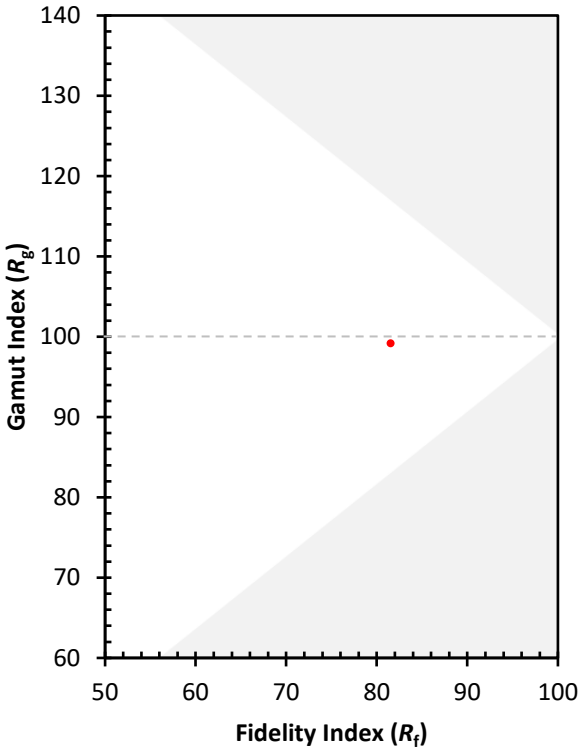


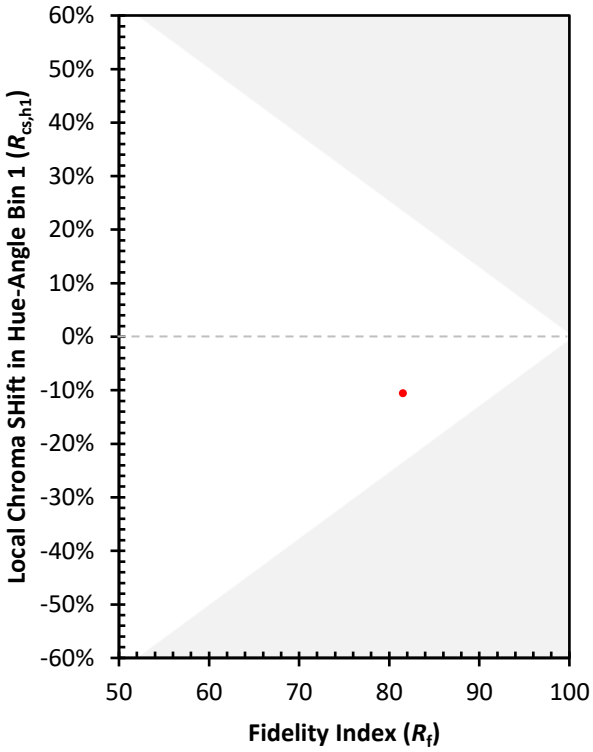


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Measure Comparisons





(END OF REPORT)