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: P1203486

Luminaire Tested: GWC-SB2C-830-U-SL4-HSS

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:	P1203486
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-830-U-SL4-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9392 lumens
Efficiency:	N/A
Efficacy:	93.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

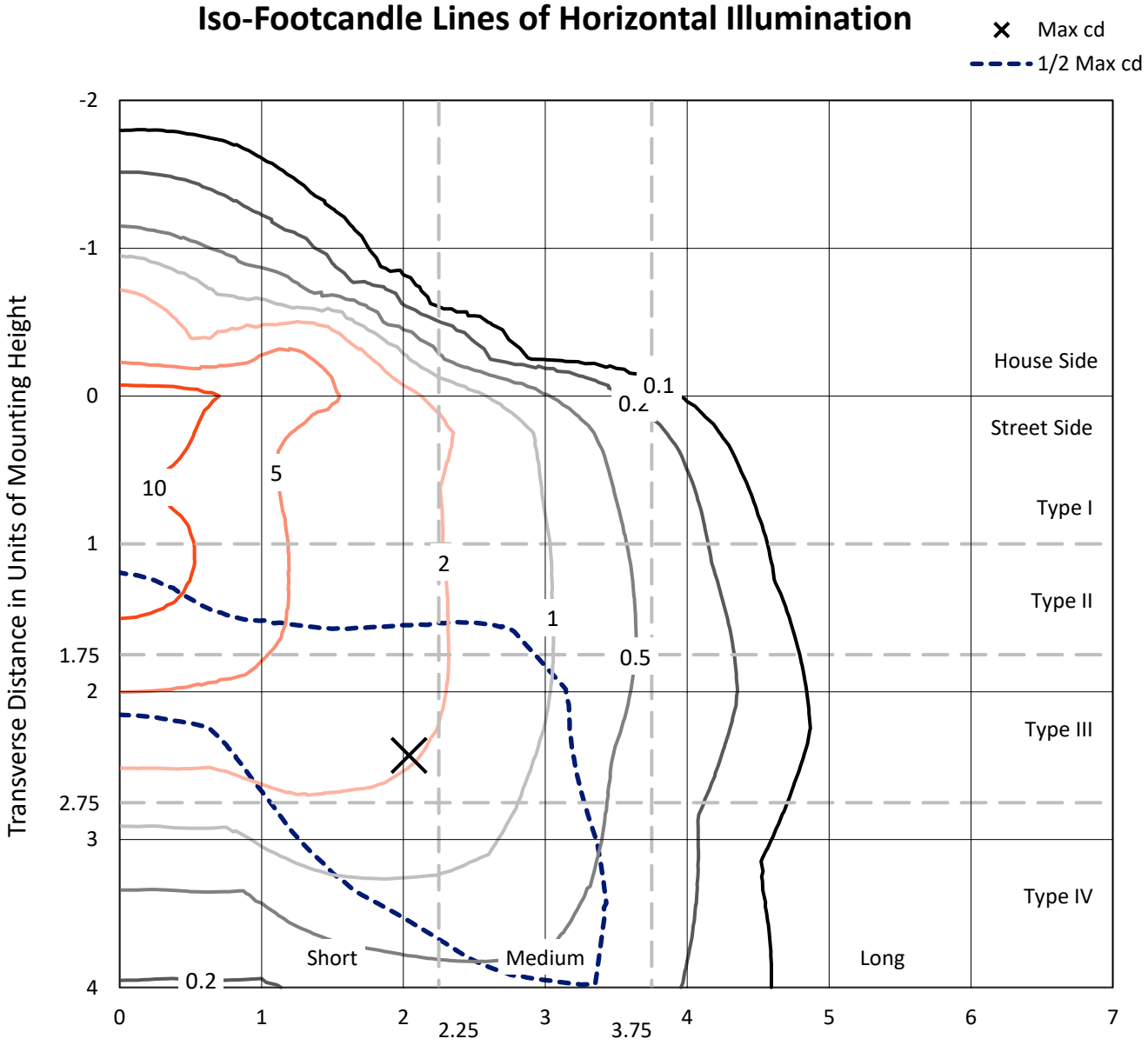


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Scaled Data Report

REPORT NUMBER: P1203486
CATALOG NUMBER: GWC-SB2C-830-U-SL4-HSS

Iso-Footcandle Lines of Horizontal Illumination



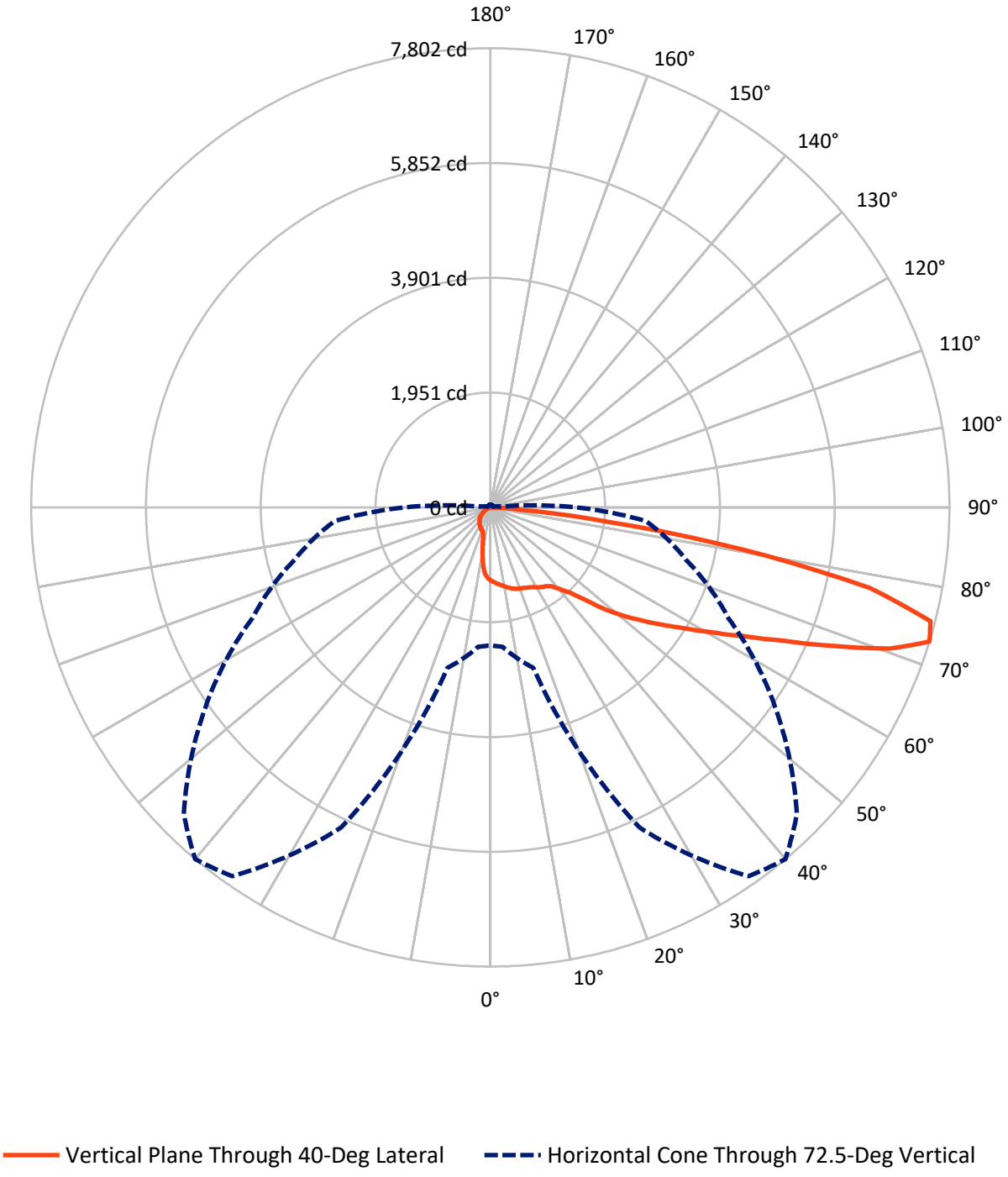
Based on 10 foot mounting height. Maximum calculated value = 24.1 fc
Type IV - Short - N/A

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REPORT NUMBER: P1203486
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Luminous Intensity Polar Plot



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Scaled Data Report

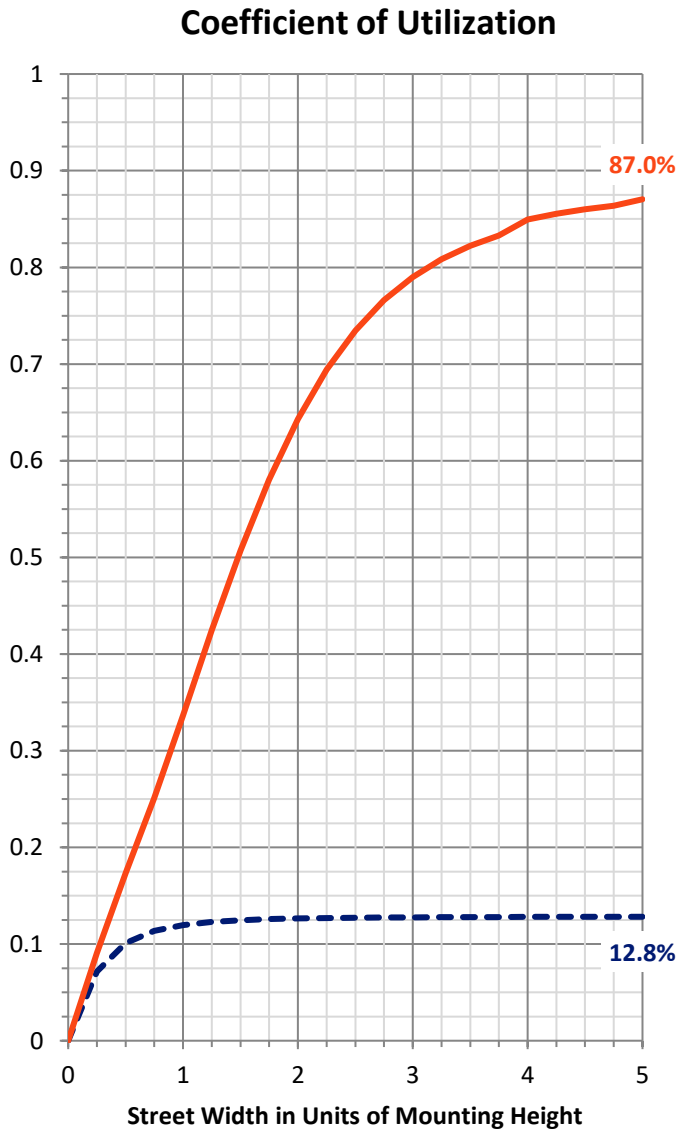
REPORT NUMBER: P1203486
CATALOG NUMBER: GWC-SB2C-830-U-SL4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1212.9	0.0	1212.9
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	8179.1	0.0	8179.1
	% Fixture	87.1	0.0	87.1
Total	Lumens	9392.0	0.0	9392.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.6	1.2
10°-20°	308.4	3.3
20°-30°	499.1	5.3
30°-40°	736.8	7.8
40°-50°	1240.0	13.2
50°-60°	1925.4	20.5
60°-70°	2409.2	25.7
70°-80°	1972.5	21.0
80°-90°	187.0	2.0
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°	9392.0	100.0
0°-180°	9392.0	100.0



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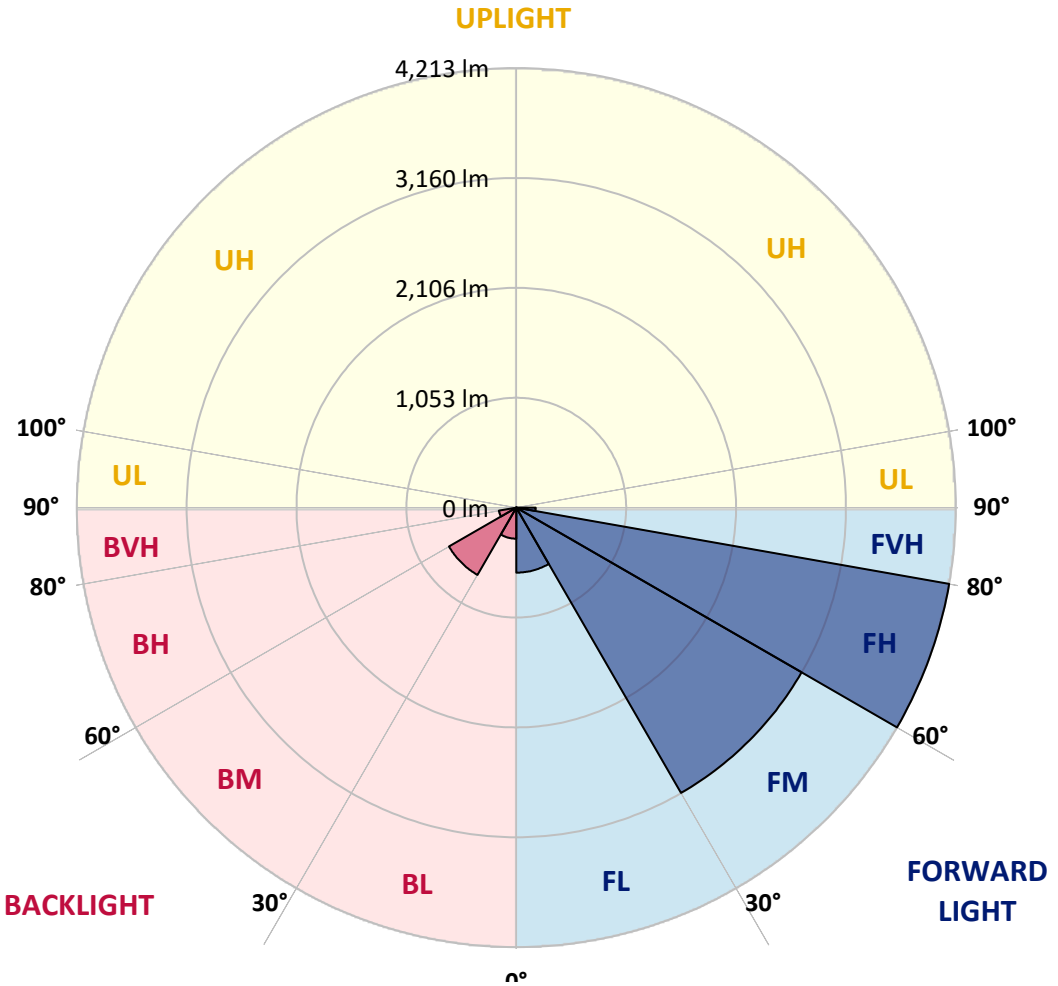
Scaled Data Report

REPORT NUMBER: P1203486
CATALOG NUMBER: GWC-SB2C-830-U-SL4-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	623.4	6.6			
FM	(30°-60°)	3157.4	33.6			
FH	(60°-80°)	4212.7	44.9			G2/5000
FVH	(80°-90°)	185.6	2.0			G2/225
BL	(0°-30°)	297.7	3.2	B1/500		
BM	(30°-60°)	744.8	7.9	B1/1000		
BH	(60°-80°)	169.0	1.8	B1/500		G1/500
BVH	(80°-90°)	1.4	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 IV Short



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REPORT NUMBER: P1203486
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	1243.6	1243.6	1243.6	1243.6	1243.6	*1243.6*	1243.6	1243.6	1243.6	1243.6	1243.6
2.5°	1281.1	1286.0	1283.2	1277.5	1276.1	*1273.3*	1269.8	1268.3	1263.4	1259.1	1254.2
5°	1317.1	1322.1	1318.6	1310.8	1307.2	*1303.7*	1298.8	1294.5	1284.6	1275.4	1264.1
7.5°	1356.8	1361.0	1356.8	1345.4	1339.8	*1335.5*	1328.5	1322.1	1310.8	1297.3	1283.2
10°	1400.6	1404.2	1397.8	1382.9	1373.7	*1367.4*	1361.0	1353.9	1343.3	1328.5	1311.5
12.5°	1441.6	1445.9	1436.0	1418.3	1407.7	*1401.3*	1394.2	1388.6	1378.0	1363.8	1346.1
15°	1479.1	1485.5	1468.5	1449.4	1437.4	*1432.4*	1425.4	1421.8	1414.8	1404.9	1388.6
17.5°	1507.4	1511.7	1494.0	1471.4	1457.9	*1454.4*	1449.4	1451.5	1450.1	1445.2	1434.6
20°	1531.5	1534.3	1511.0	1483.4	1468.5	*1469.2*	1467.8	1474.9	1477.7	1477.7	1477.0
22.5°	1561.2	1561.9	1532.2	1497.5	1479.8	*1484.8*	1486.9	1494.7	1500.4	1506.0	1518.7
25°	1600.1	1598.7	1563.3	1515.9	1500.4	*1507.4*	1512.4	1515.2	1521.6	1530.8	1559.8
27.5°	1658.1	1653.9	1608.6	1545.6	1527.2	*1533.6*	1542.8	1541.4	1538.6	1545.6	1594.4
30°	1731.7	1726.0	1665.9	1587.4	1570.4	*1576.0*	1578.9	1566.1	1545.6	1552.0	1624.9
32.5°	1848.4	1838.5	1755.0	1634.1	1607.9	*1614.2*	1610.7	1584.5	1554.1	1560.5	1655.3
35°	2051.4	2027.4	1909.2	1731.7	1650.3	*1643.2*	1634.8	1609.3	1571.8	1565.4	1680.7
37.5°	2482.9	2440.5	2238.9	1922.0	1746.5	*1700.5*	1674.4	1648.9	1590.9	1565.4	1709.7
40°	2969.6	2926.4	2693.7	2240.3	1906.4	*1828.6*	1766.3	1695.6	1610.7	1574.6	1755.0
42.5°	3477.5	3430.1	3191.0	2635.0	2134.9	*1975.0*	1859.0	1733.1	1643.2	1602.9	1815.1
45°	4044.8	3985.4	3672.7	3046.7	2466.6	*2218.3*	2008.3	1810.2	1699.8	1653.2	1897.2
47.5°	4643.3	4566.1	4153.0	3446.4	2823.9	*2555.1*	2281.3	1948.1	1783.3	1728.1	2008.3
50°	5173.8	5097.4	4648.9	3864.4	3157.8	*2875.5*	2592.6	2139.1	1908.5	1834.2	2157.5
52.5°	5555.1	5497.1	5100.2	4295.9	3505.1	*3176.1*	2874.8	2361.2	2067.0	1970.1	2333.7
55°	5810.4	5757.4	5420.0	4704.8	3909.0	*3507.2*	3152.8	2602.5	2258.0	2132.8	2528.2
57.5°	5965.3	5934.9	5651.3	5069.8	4309.4	*3869.4*	3471.1	2867.7	2482.9	2324.5	2745.3
60°	6020.5	5995.8	5794.9	5417.8	4793.2	*4304.4*	3845.3	3166.9	2756.0	2542.3	2968.2
62.5°	5873.4	5878.3	5898.1	5830.2	5303.2	*4813.7*	4293.8	3526.3	3058.7	2789.2	3177.6
65°	5180.9	5221.9	5598.2	6287.2	5978.8	*5451.8*	4864.7	3964.9	3405.3	3070.0	3343.8
67.5°	4289.6	4349.0	4817.3	6554.6	6698.9	*6280.1*	5659.8	4523.7	3818.4	3355.8	3406.8
70°	3283.7	3347.3	3914.7	6498.7	7373.0	*7185.6*	6643.0	5234.6	4246.4	3553.9	3246.2
72.5°	*2343.6*	*2376.1*	*2823.2*	*6001.4*	*7649.6*	*7802.4*	*7367.4*	*5908.1*	*4465.0*	*3444.2*	*2647.7*
75°	1646.8	1641.1	1937.5	4832.8	7218.8	*7727.4*	7113.4	5543.8	4040.6	2736.2	1632.6
77.5°	717.3	718.7	967.7	2934.9	5761.6	*6599.9*	5913.0	3472.5	2816.8	1450.1	689.0
80°	186.0	191.7	355.1	1168.6	3469.0	*4356.1*	3606.2	1526.5	1301.6	353.7	131.6
82.5°	65.8	70.0	163.4	367.1	1279.7	*1997.6*	1605.8	488.1	339.5	101.2	35.4
85°	19.1	22.6	87.7	112.5	264.6	*564.5*	389.8	94.8	83.5	52.3	9.2
87.5°	0.0	2.8	17.7	15.6	15.6	*10.6*	19.8	10.6	13.4	6.4	2.8
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: P1203486
CATALOG NUMBER: GWC-SB2C-830-U-SL4-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1243.6	1243.6	1243.6	1243.6	1243.6	1243.6	1243.6	1243.6	1243.6	1243.6	1243.6
2.5°	1249.9	1245.0	1234.4	1223.1	1212.5	1202.5	1199.7	1189.1	1184.2	1184.9	1184.2
5°	1256.3	1247.1	1226.6	1201.8	1176.4	1147.4	1123.3	1089.4	1060.4	1056.8	1054.7
7.5°	1273.3	1258.4	1225.2	1177.1	1113.4	1033.5	959.2	885.6	843.9	821.3	819.9
10°	1299.5	1279.7	1228.7	1136.8	1001.7	858.8	746.3	653.6	606.2	584.3	580.1
12.5°	1330.6	1308.7	1234.4	1068.1	857.3	669.9	548.2	491.6	481.7	480.3	479.6
15°	1374.4	1350.4	1240.7	975.5	701.0	510.0	454.1	454.8	462.6	466.9	466.2
17.5°	1423.3	1399.2	1231.6	862.3	546.8	435.7	434.3	440.7	452.0	456.3	455.6
20°	1472.8	1450.1	1199.0	729.3	442.1	415.2	420.9	428.0	439.3	444.9	444.9
22.5°	1523.7	1503.9	1147.4	587.8	399.0	400.4	407.5	414.5	427.3	433.6	433.6
25°	1578.2	1561.2	1078.8	471.1	380.6	384.8	394.0	402.5	415.9	423.7	423.7
27.5°	1633.3	1620.6	1000.9	393.3	363.6	368.5	379.2	390.5	403.9	413.1	413.8
30°	1693.5	1686.4	938.7	364.3	347.3	351.6	363.6	376.3	391.2	402.5	403.9
32.5°	1755.0	1753.6	908.3	385.5	332.5	335.3	345.9	358.6	377.0	391.2	392.6
35°	1815.8	1818.7	890.6	445.7	327.5	319.7	326.8	338.1	360.1	377.7	380.6
37.5°	1893.7	1900.7	889.9	510.7	339.5	304.2	309.1	316.9	336.0	356.5	360.1
40°	2009.7	2047.2	935.2	566.6	360.8	290.0	291.4	292.9	302.8	319.7	325.4
42.5°	2163.9	2273.5	1098.6	604.8	369.3	277.3	272.3	264.6	263.1	272.3	277.3
45°	2355.6	2547.3	1385.8	626.0	360.8	263.1	249.7	229.2	221.4	227.8	227.8
47.5°	2581.2	2847.2	1726.0	631.0	346.6	245.5	221.4	194.5	188.2	190.3	189.6
50°	2801.2	3072.2	2025.2	590.0	323.3	222.8	190.3	167.6	163.4	164.1	164.1
52.5°	2995.8	3149.3	2110.1	493.0	292.1	195.2	163.4	147.8	145.0	145.0	144.3
55°	3124.5	3065.8	1881.6	377.0	253.2	166.9	140.1	132.3	130.9	130.2	128.7
57.5°	3151.4	2794.2	1421.1	272.3	198.1	140.8	124.5	120.3	117.4	114.6	113.2
60°	3055.2	2341.4	904.7	190.3	148.6	120.3	110.4	107.5	101.9	96.2	94.1
62.5°	2847.2	1768.5	500.8	132.3	119.5	102.6	97.6	94.1	83.5	74.3	71.4
65°	2567.8	1175.7	221.4	103.3	97.6	86.3	83.5	78.5	65.8	55.2	53.1
67.5°	2287.0	677.0	99.7	82.8	78.5	70.7	68.6	65.1	55.9	46.0	44.6
70°	1966.5	343.1	68.6	65.8	60.8	53.8	55.9	55.2	46.0	37.5	36.1
72.5°	*1464.3*	*170.5*	*51.6*	*49.5*	*43.9*	*38.2*	*46.0*	*45.3*	*36.1*	*28.3*	*26.9*
75°	829.1	84.2	37.5	34.7	26.2	28.3	36.8	34.7	24.8	18.4	17.0
77.5°	328.9	43.2	24.8	21.2	15.6	19.1	26.9	23.3	12.7	7.8	7.1
80°	75.7	21.2	12.7	9.2	7.1	11.3	14.1	8.5	3.5	0.7	0.0
82.5°	21.2	9.2	4.2	3.5	3.5	4.2	3.5	1.4	0.0	0.0	0.0
85°	7.1	4.2	1.4	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0
87.5°	2.8	1.4	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


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

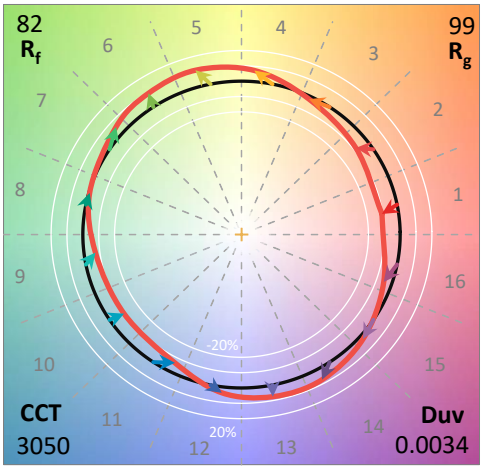
Test Information

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

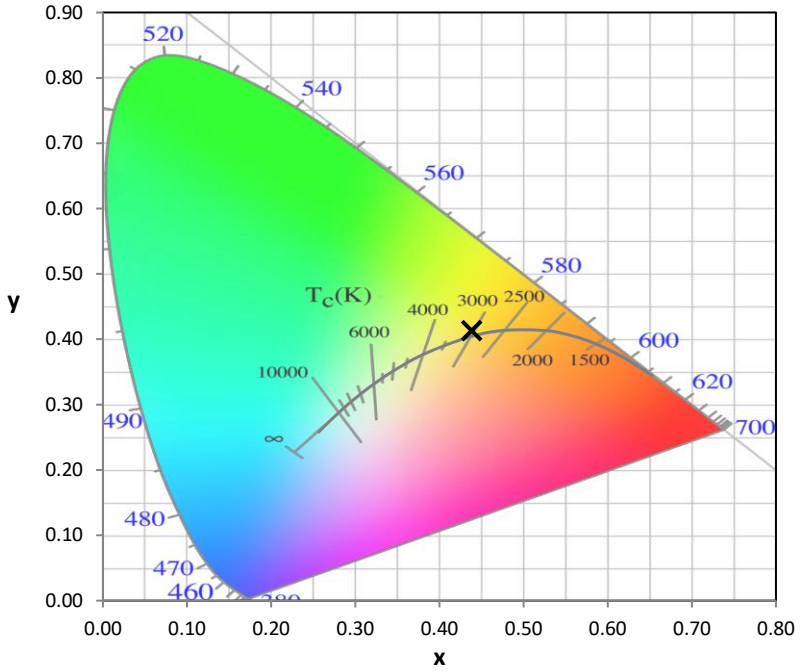
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

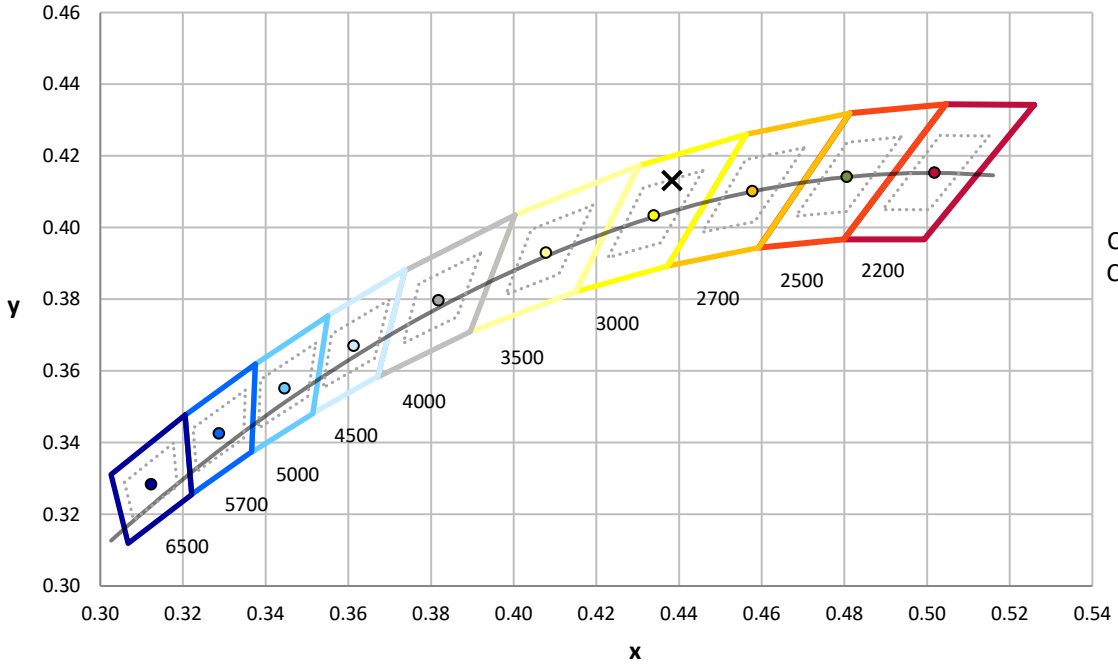
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

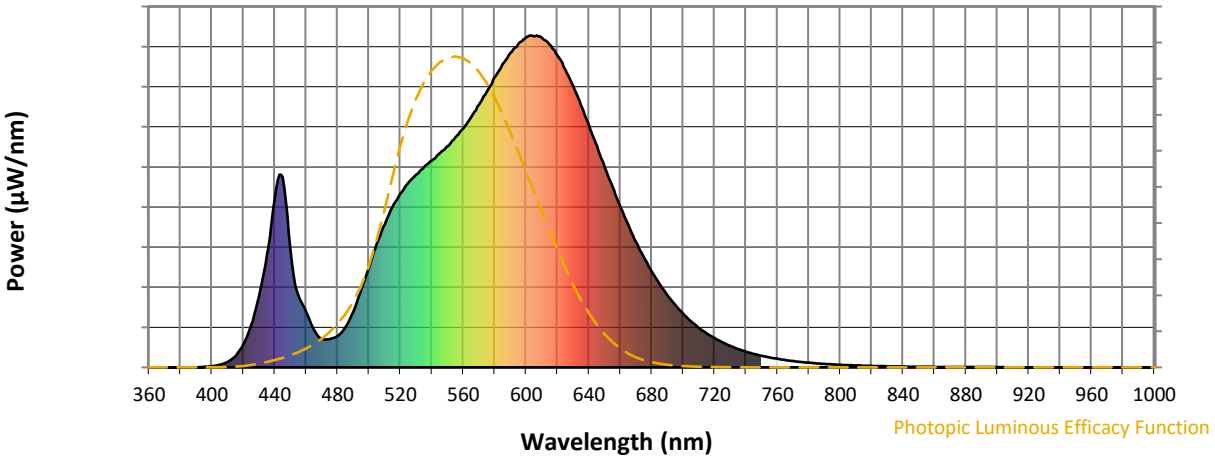


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

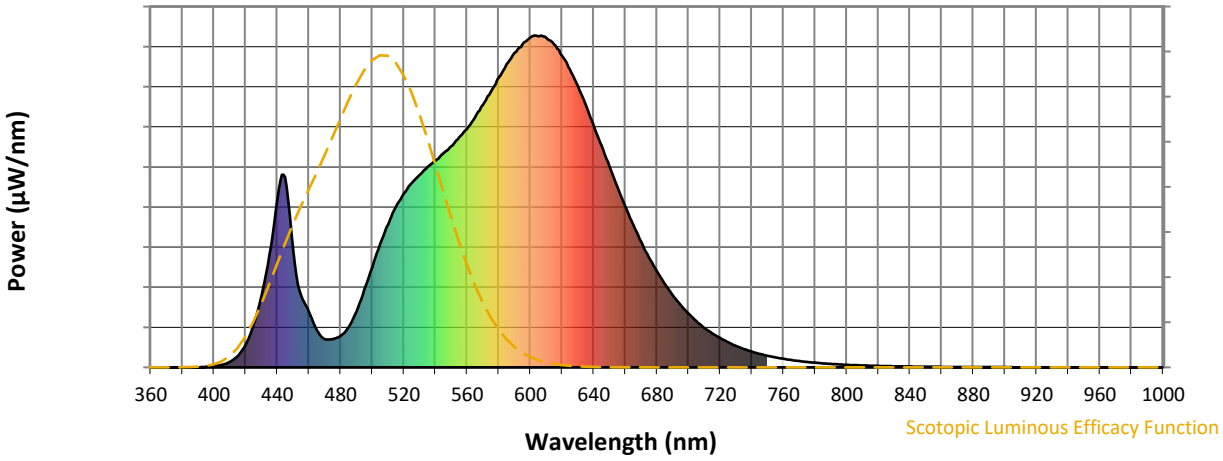


Photopic Lumens: NR

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

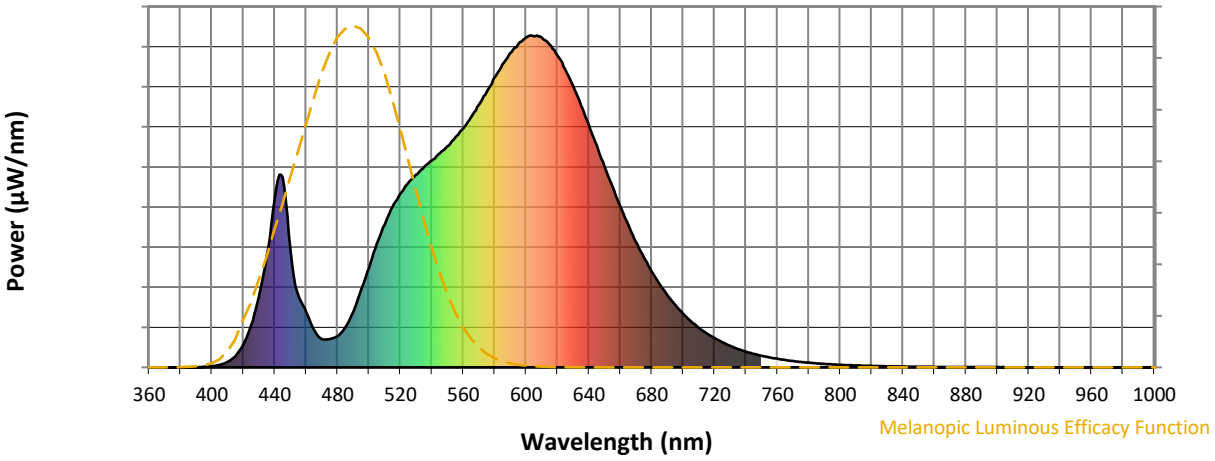


Scotopic Lumens: NR **S/P: 1.27**

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			

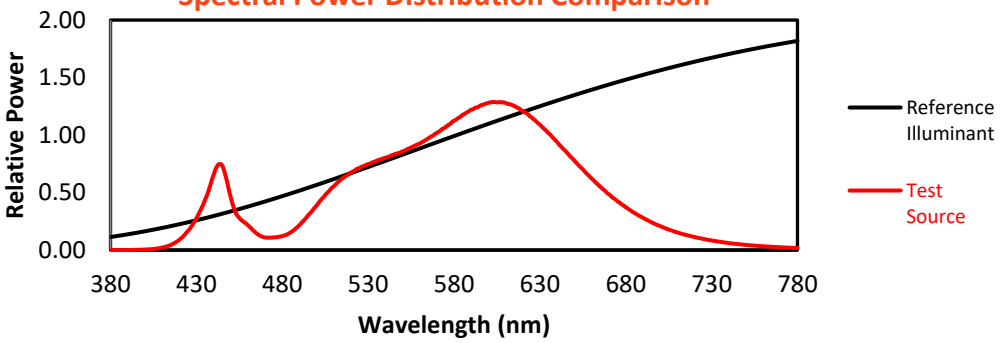
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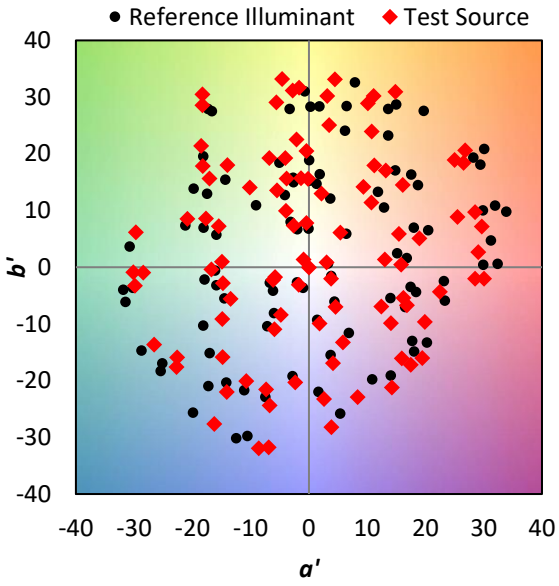
Summary

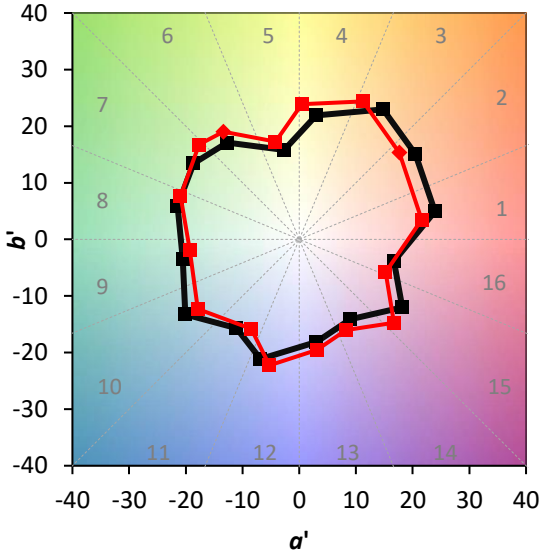
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

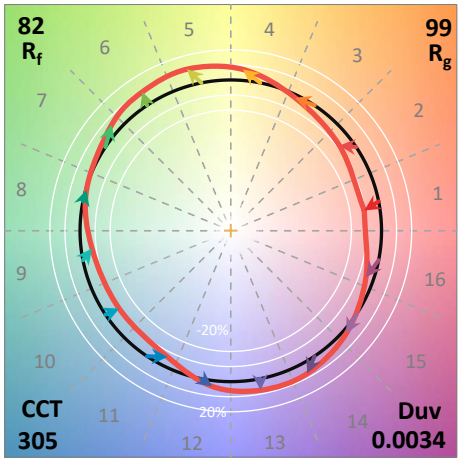
Spectral Power Distribution Comparison

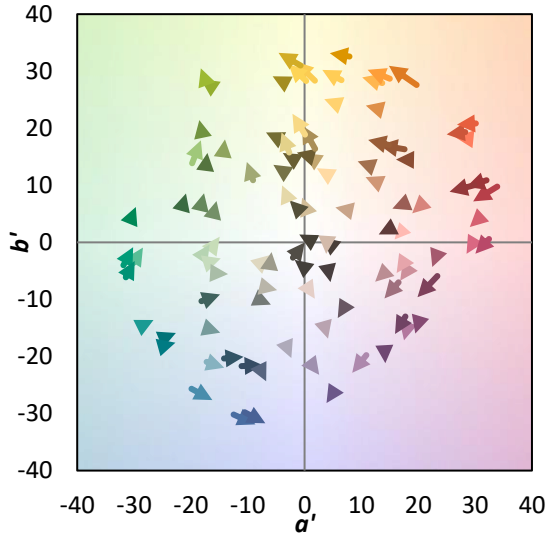


Color Vector Graphics







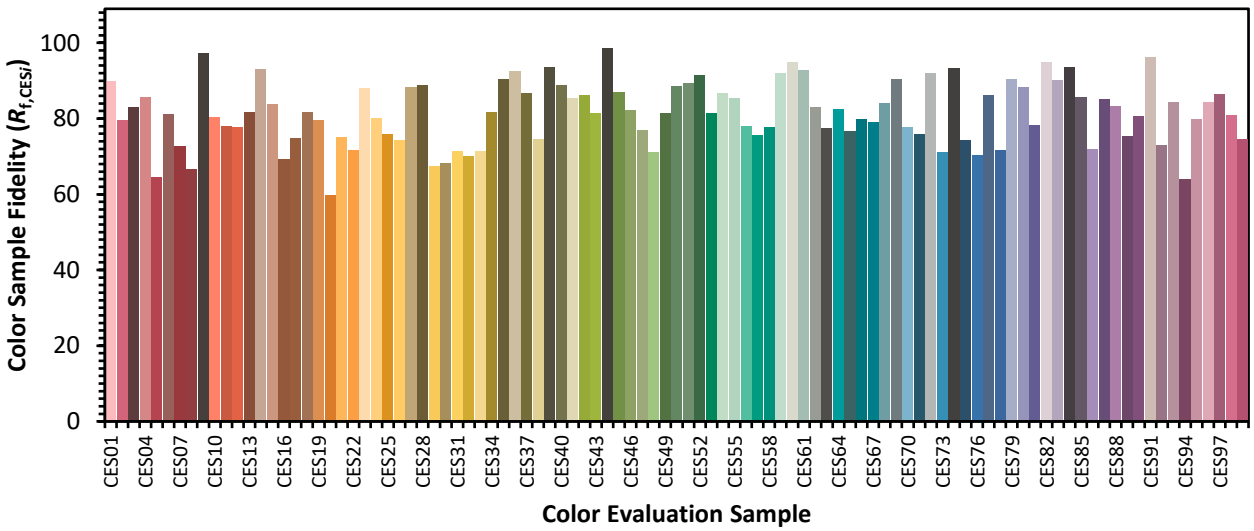


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Individual Sample Fidelity Index ($R_{f,i}$)

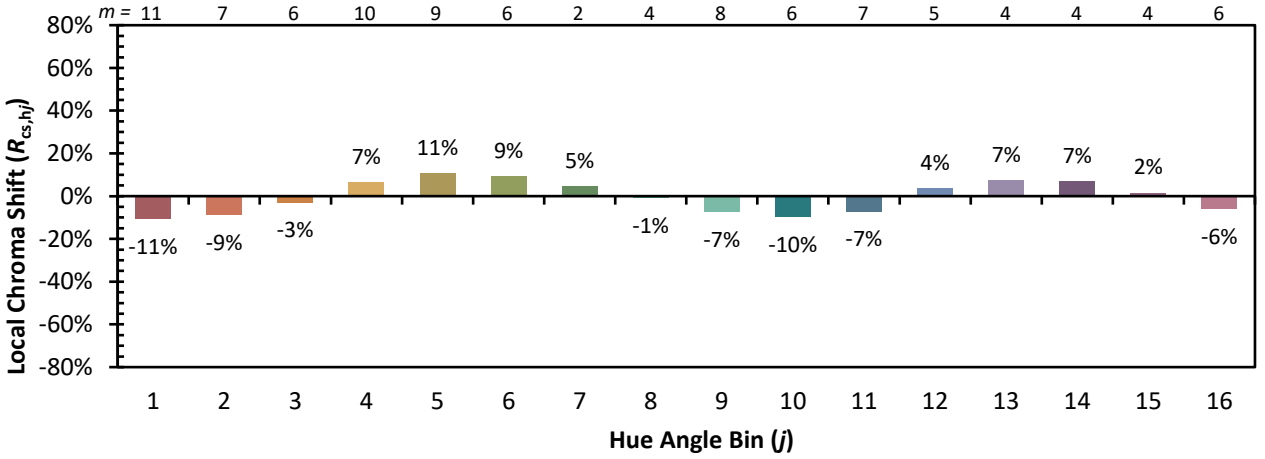
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

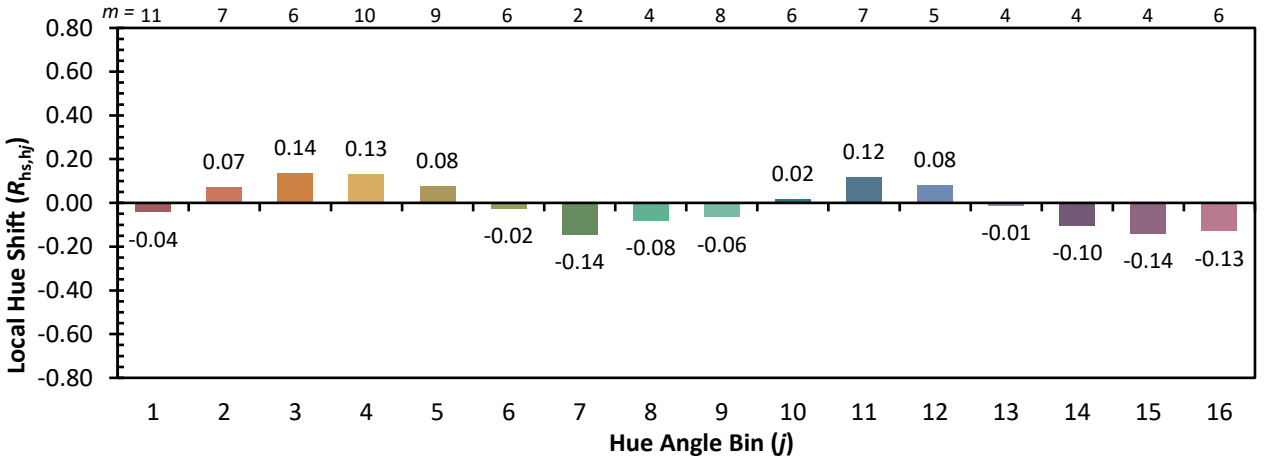


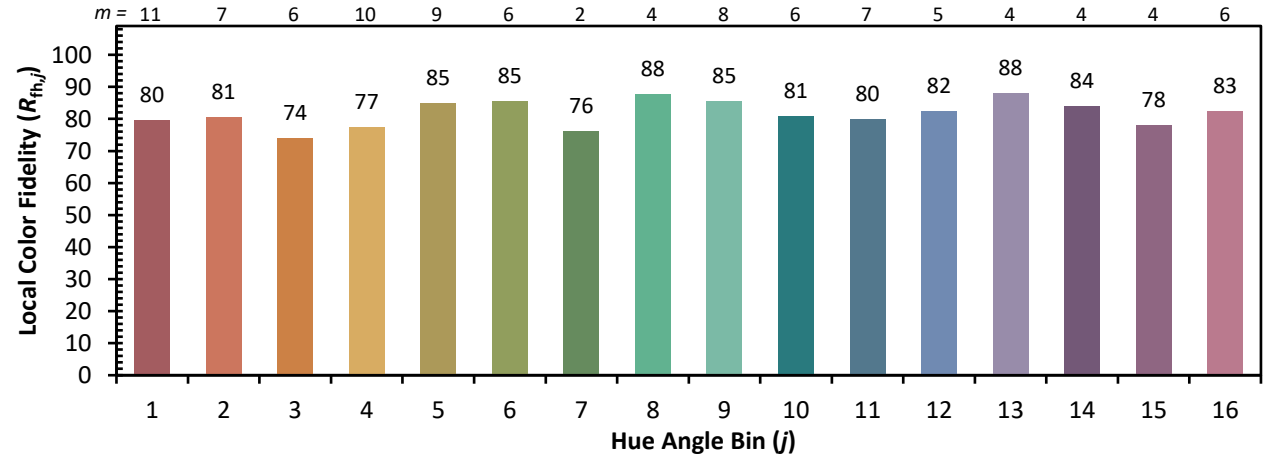
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Color Rendition by Hue-Angle Bin



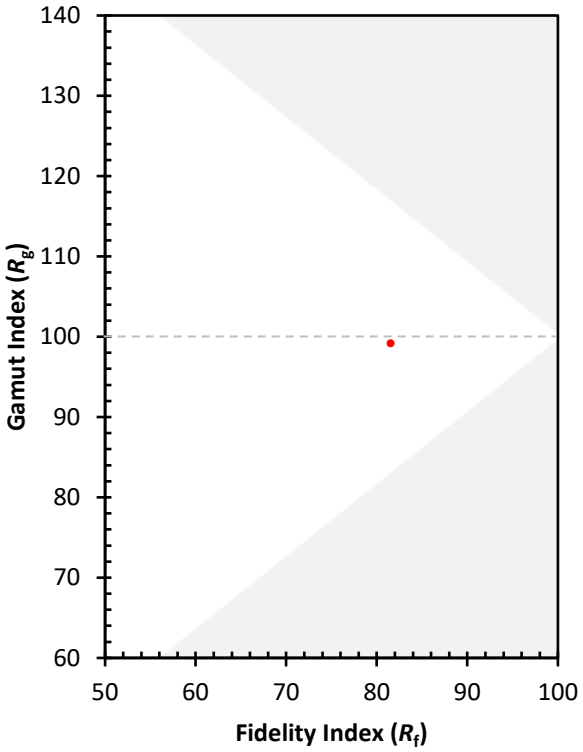


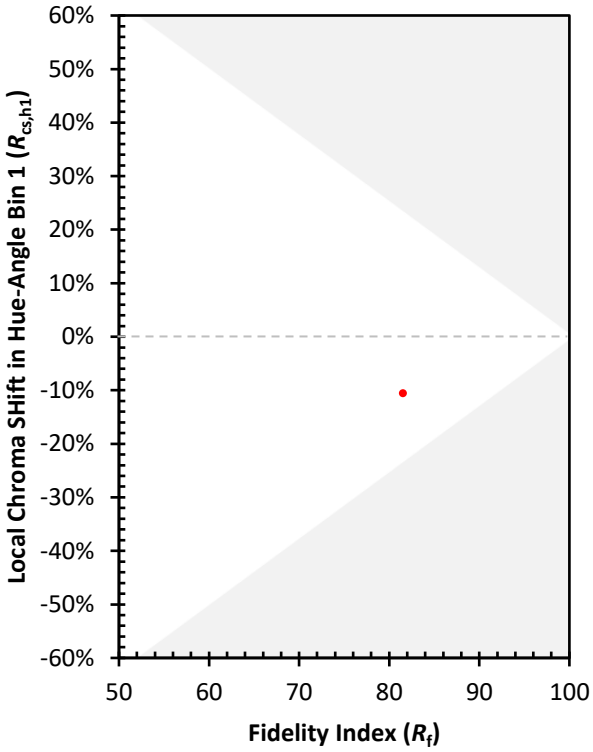


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Measure Comparisons





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