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: P1203123

Luminaire Tested: GWC-SB2B-830-U-T4FT

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:	P1203123
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-830-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV FORWARD THRC OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9999 lumens
Efficiency:	N/A
Efficacy:	135.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

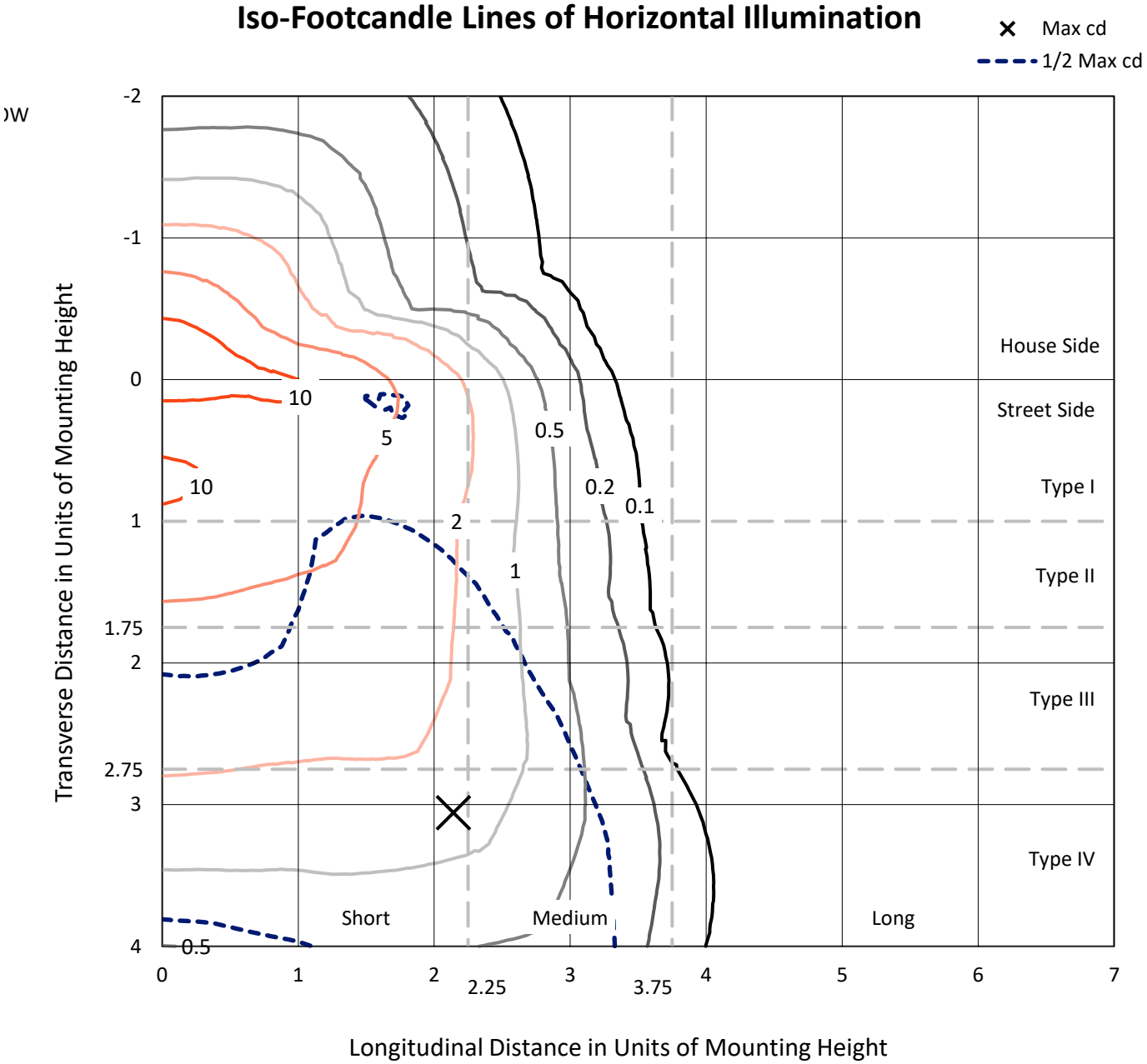


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Scaled Data Report

REPORT NUMBER: P1203123
CATALOG NUMBER: GWC-SB2B-830-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



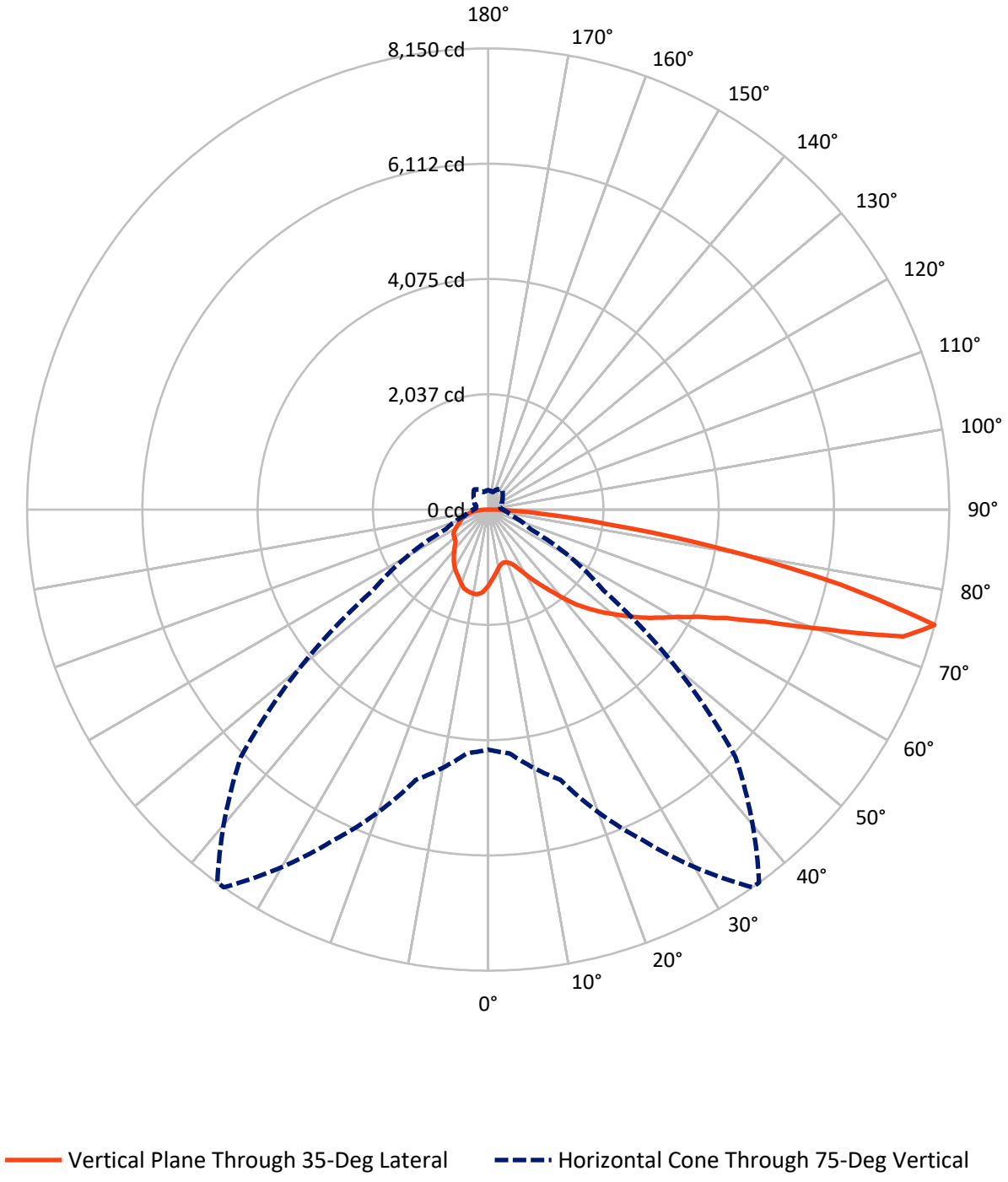
Based on 10 foot mounting height. Maximum calculated value = 11.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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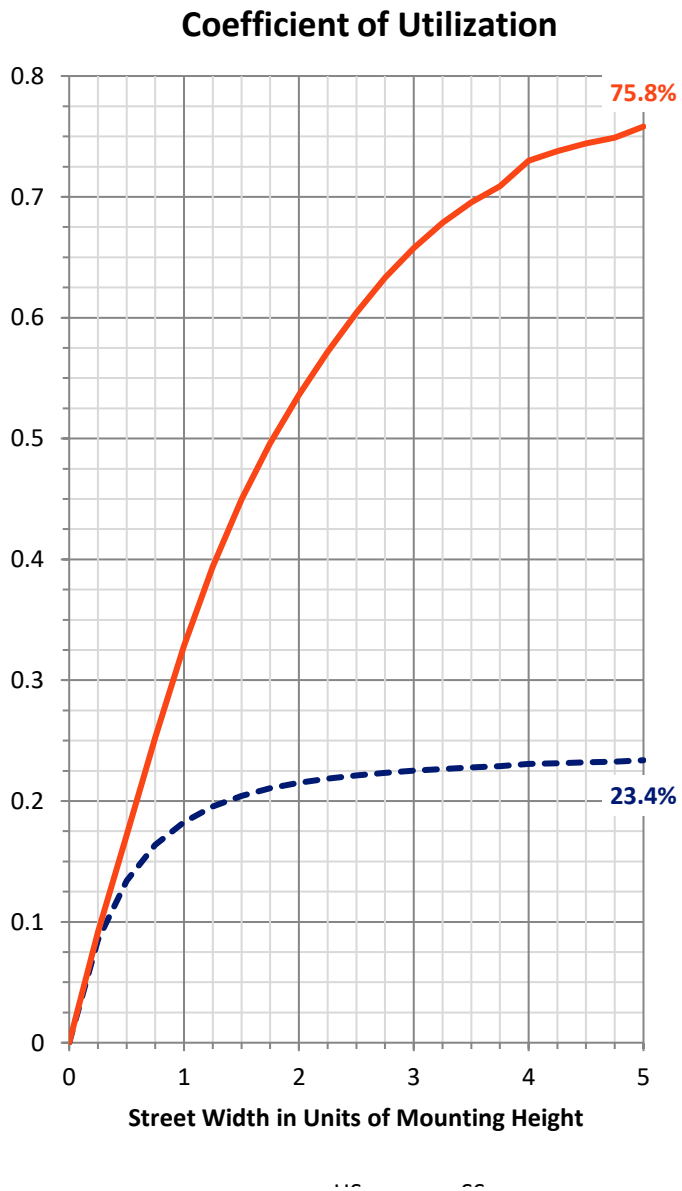
REPORT NUMBER: P1203123
CATALOG NUMBER: GWC-SB2B-830-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2379.5	0.0	2379.5
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	7619.5	0.0	7619.5
	% Fixture	76.2	0.0	76.2
Total	Lumens	9999.0	0.0	9999.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.2	1.3
10°-20°	363.9	3.6
20°-30°	611.1	6.1
30°-40°	949.7	9.5
40°-50°	1409.6	14.1
50°-60°	1946.0	19.5
60°-70°	2360.9	23.6
70°-80°	1951.1	19.5
80°-90°	280.6	2.8
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°	9999.0	100.0
0°-180°	9999.0	100.0



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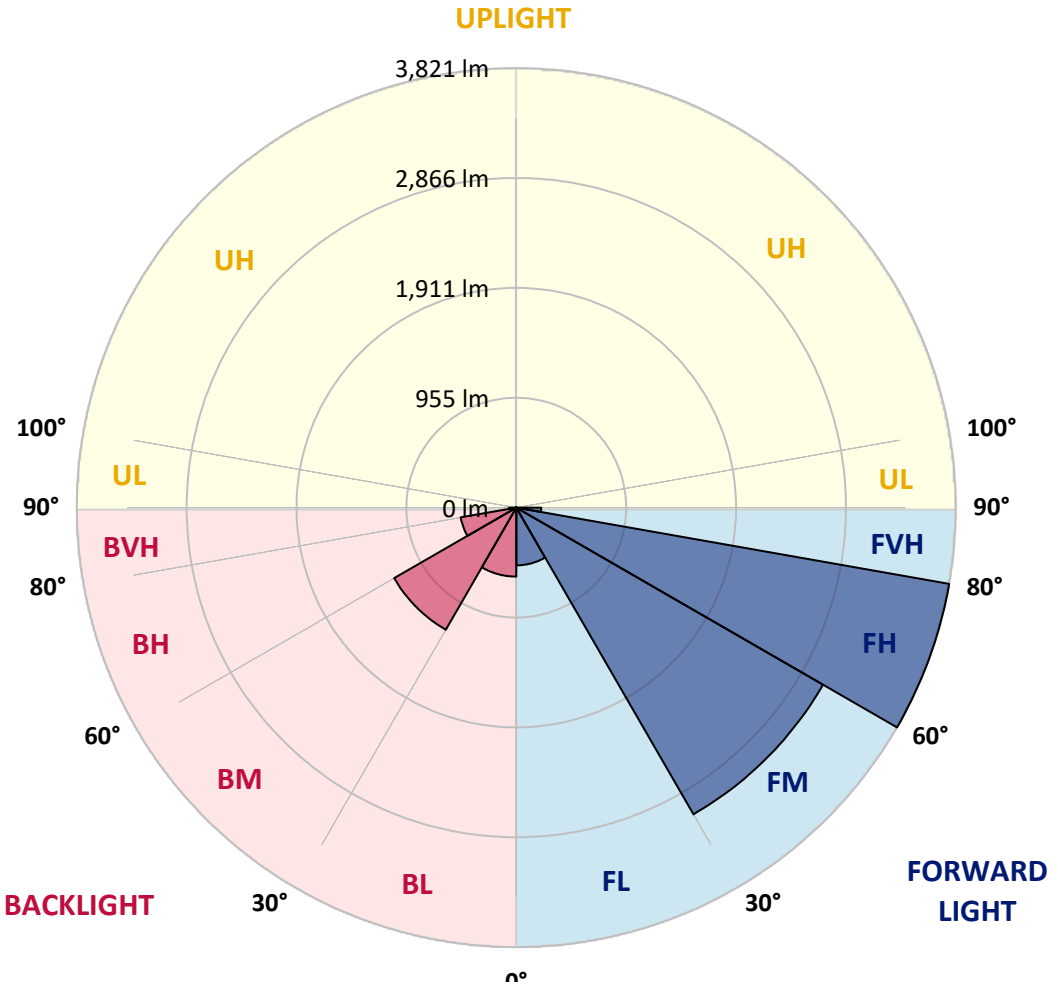
Scaled Data Report

REPORT NUMBER: P1203123
CATALOG NUMBER: GWC-SB2B-830-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	501.4	5.0			
FM	(30°-60°)	3079.1	30.8			
FH	(60°-80°)	3821.5	38.2			G2/5000
FVH	(80°-90°)	217.4	2.2			G2/225
BL	(0°-30°)	599.7	6.0	B2/1000		
BM	(30°-60°)	1226.1	12.3	B2/2500		
BH	(60°-80°)	490.6	4.9	B1/500		G1/500
BVH	(80°-90°)	63.2	0.6			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 IV Short



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REPORT NUMBER: P1203123
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	1332.4	1332.4	1332.4	1332.4	*1332.4*	1332.4	1332.4	1332.4	1332.4	1332.4	1332.4
2.5°	1228.7	1236.2	1239.5	1237.8	*1245.9*	1244.9	1256.2	1270.3	1289.7	1308.7	1336.2
5°	1134.1	1142.2	1149.2	1155.7	*1171.4*	1176.2	1194.1	1221.1	1256.8	1293.0	1338.4
7.5°	1045.9	1053.0	1063.8	1075.7	*1102.2*	1107.0	1136.8	1178.9	1228.7	1281.6	1344.3
10°	974.1	981.1	992.4	1005.9	*1038.9*	1044.9	1082.7	1138.9	1203.8	1270.8	1350.8
12.5°	943.2	945.4	951.9	965.4	*994.1*	997.8	1039.5	1103.8	1179.5	1262.7	1360.5
15°	941.6	945.9	946.5	953.5	*977.3*	978.9	1017.3	1081.1	1164.3	1261.1	1375.1
17.5°	957.8	961.1	956.2	960.5	*980.5*	983.2	1013.5	1070.3	1159.5	1268.1	1400.0
20°	1001.1	1003.8	989.2	983.2	*997.8*	1000.0	1029.7	1077.3	1164.3	1282.7	1434.1
22.5°	1093.0	1094.6	1058.9	1034.6	*1035.7*	1036.8	1062.7	1105.9	1183.2	1309.2	1477.3
25°	1236.2	1235.1	1178.4	1131.4	*1104.3*	1098.4	1115.7	1152.4	1215.1	1344.3	1533.0
27.5°	1403.8	1395.7	1338.9	1268.7	*1209.7*	1201.1	1197.3	1213.0	1260.5	1390.8	1601.1
30°	1593.0	1585.4	1524.3	1432.4	*1350.8*	1336.8	1301.1	1293.0	1328.1	1454.1	1695.7
32.5°	1800.5	1795.7	1722.7	1611.4	*1502.2*	1485.9	1425.9	1404.3	1431.9	1549.7	1827.6
35°	1974.6	1970.3	1909.7	1795.1	*1661.6*	1641.6	1580.5	1556.2	1570.3	1672.4	2000.0
37.5°	2131.9	2129.7	2077.8	1987.6	*1849.7*	1825.4	1756.8	1748.7	1745.9	1834.1	2209.2
40°	2277.8	2272.4	2218.4	2170.8	*2068.7*	2046.5	1985.9	1978.9	1958.4	2033.0	2445.9
42.5°	2439.5	2425.4	2347.0	2324.9	*2297.3*	2278.9	2242.7	2243.8	2198.4	2257.3	2696.8
45°	2571.4	2563.2	2482.7	2469.7	*2499.5*	2491.9	2523.2	2531.4	2443.2	2492.4	2957.3
47.5°	2713.0	2705.4	2637.3	2628.1	*2708.7*	2710.8	2821.6	2824.3	2682.2	2736.8	3218.4
50°	2887.6	2876.8	2809.2	2820.5	*2910.8*	2918.9	3121.6	3103.2	2902.2	2984.9	3477.3
52.5°	3002.7	3009.2	2994.6	3013.0	*3136.2*	3143.8	3416.8	3369.7	3120.0	3229.7	3731.4
55°	3087.6	3100.5	3146.0	3188.1	*3374.1*	3381.6	3695.1	3623.2	3300.5	3456.8	3970.3
57.5°	3196.8	3178.4	3263.2	3345.4	*3600.0*	3620.0	3966.0	3867.6	3460.5	3652.4	4134.1
60°	3353.5	3340.5	3406.5	3528.1	*3853.0*	3884.9	4252.4	4087.6	3577.8	3807.6	4166.0
62.5°	3671.4	3638.9	3649.2	3756.8	*4171.9*	4214.1	4575.7	4279.5	3636.2	3868.1	3995.1
65°	4146.5	4090.8	4038.9	4113.5	*4621.1*	4662.7	4940.5	4430.3	3614.6	3750.8	3541.6
67.5°	4744.9	4689.7	4626.0	4696.2	*5282.7*	5315.7	5390.8	4515.1	3444.3	3298.9	2740.0
70°	5238.4	5217.8	5294.1	5583.3	*6339.5*	6340.5	5968.1	4444.9	2977.8	2338.9	1585.4
72.5°	5173.0	5160.5	5562.2	6456.2	*7671.4*	7642.7	6514.6	3913.0	2005.9	1055.1	594.1
75°	*4243.8*	*4324.3*	*4946.5*	*6440.6*	*8149.7*	*8146.0*	*6180.0*	*2487.6*	*829.7*	*437.3*	*307.0*
77.5°	2275.7	2403.2	3211.4	4755.1	*6362.2*	6457.8	4344.9	870.3	356.2	280.0	212.4
80°	742.2	853.5	1280.0	2421.1	*4134.1*	4116.2	1862.2	341.6	243.8	198.4	147.0
82.5°	315.1	328.1	571.9	1143.2	*2121.6*	2088.7	593.0	196.2	171.4	135.7	90.8
85°	123.2	137.8	252.4	528.6	*918.9*	898.9	214.1	97.3	109.7	88.6	54.1
87.5°	40.5	49.2	90.3	181.1	*285.9*	275.7	52.4	33.5	47.6	40.5	19.5
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: P1203123
CATALOG NUMBER: GWC-SB2B-830-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1332.4	1332.4	1332.4	1332.4	1332.4	1332.4	1332.4	1332.4	1332.4	1332.4	1332.4
2.5°	1343.8	1352.4	1362.7	1377.8	1390.8	1401.6	1413.0	1420.0	1422.7	1430.8	1430.3
5°	1353.5	1372.4	1397.8	1422.7	1447.0	1461.6	1474.6	1481.1	1487.0	1491.4	1492.4
7.5°	1369.7	1394.1	1434.1	1466.5	1487.0	1498.9	1507.6	1505.4	1507.6	1508.7	1510.3
10°	1383.8	1417.8	1465.4	1496.2	1511.9	1512.4	1510.3	1502.7	1498.9	1499.5	1500.5
12.5°	1400.5	1438.4	1489.7	1515.7	1520.0	1508.1	1498.9	1485.9	1481.1	1478.9	1477.8
15°	1423.2	1466.5	1516.2	1525.9	1515.1	1500.0	1484.3	1463.2	1452.4	1443.8	1446.5
17.5°	1450.8	1498.4	1536.8	1529.7	1506.5	1481.6	1456.2	1424.3	1402.2	1393.0	1393.5
20°	1489.2	1531.9	1552.4	1521.6	1486.5	1448.7	1405.4	1366.5	1345.9	1336.8	1335.7
22.5°	1535.7	1576.8	1567.6	1507.6	1457.8	1397.3	1343.2	1314.6	1304.3	1297.8	1298.9
25°	1591.4	1626.5	1578.4	1487.0	1410.8	1329.2	1287.6	1278.4	1273.5	1268.7	1268.7
27.5°	1663.8	1682.7	1586.5	1456.8	1337.3	1256.8	1241.6	1243.2	1241.6	1233.5	1235.1
30°	1759.5	1755.7	1594.1	1407.6	1253.0	1191.4	1192.4	1199.5	1200.5	1195.1	1197.8
32.5°	1885.4	1847.0	1597.8	1343.8	1172.4	1134.1	1135.1	1142.7	1148.1	1138.9	1143.2
35°	2037.8	1953.5	1591.9	1263.8	1110.3	1079.5	1071.4	1073.5	1075.1	1066.5	1072.4
37.5°	2215.7	2073.0	1565.4	1175.1	1058.9	1025.9	1008.7	994.1	985.4	977.3	982.7
40°	2410.8	2203.2	1516.8	1088.7	1001.6	969.2	943.2	915.7	886.5	875.7	880.5
42.5°	2615.1	2337.3	1457.8	1005.9	935.7	909.2	881.6	841.6	797.8	775.7	778.4
45°	2827.0	2474.6	1400.0	924.3	868.1	856.8	824.9	776.8	729.2	701.1	698.9
47.5°	3034.6	2604.3	1315.1	842.2	804.9	817.3	792.4	748.1	695.1	650.8	645.9
50°	3233.0	2725.9	1176.2	758.9	753.5	805.4	781.6	717.8	657.3	600.5	595.7
52.5°	3429.7	2824.3	998.4	683.2	725.9	802.2	767.6	697.3	623.2	563.8	557.3
55°	3596.8	2875.1	827.0	618.4	685.9	774.6	750.8	673.0	575.1	511.9	506.5
57.5°	3691.9	2834.1	684.3	554.6	630.8	729.2	722.2	621.1	517.8	469.2	462.7
60°	3650.8	2667.6	567.6	498.9	578.4	680.0	672.4	569.7	474.1	428.1	421.6
62.5°	3424.3	2350.3	475.1	450.3	530.8	629.7	622.7	530.3	440.5	396.2	389.2
65°	2968.1	1911.9	403.2	409.7	482.7	569.2	579.5	497.3	414.1	370.8	363.8
67.5°	2263.8	1384.9	347.0	374.6	435.7	509.7	539.5	473.5	391.9	350.8	344.3
70°	1290.3	786.5	299.5	340.5	394.1	454.6	508.6	454.6	368.1	334.1	329.7
72.5°	489.2	361.1	258.9	306.5	354.1	408.1	474.6	424.9	340.5	315.1	310.8
75°	*261.1*	*220.0*	*217.8*	*266.5*	*308.1*	*362.7*	*431.9*	*395.7*	*320.0*	*333.0*	*343.8*
77.5°	177.8	155.7	182.2	228.1	257.8	312.4	386.5	351.4	277.3	276.2	254.6
80°	123.2	110.3	148.1	183.8	199.5	262.7	337.3	301.6	225.9	210.8	201.6
82.5°	74.1	71.9	110.8	137.3	141.1	202.7	279.5	253.0	184.9	161.1	162.2
85°	40.5	42.7	70.8	80.5	82.2	141.6	218.9	195.7	142.2	119.5	120.5
87.5°	11.4	14.6	25.9	31.9	39.5	73.5	130.3	116.2	71.4	49.7	49.7
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

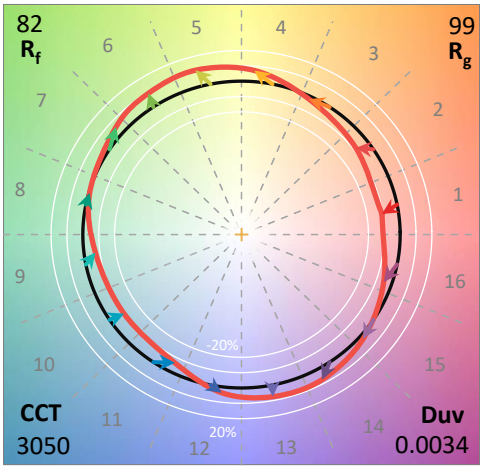
Test Information

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

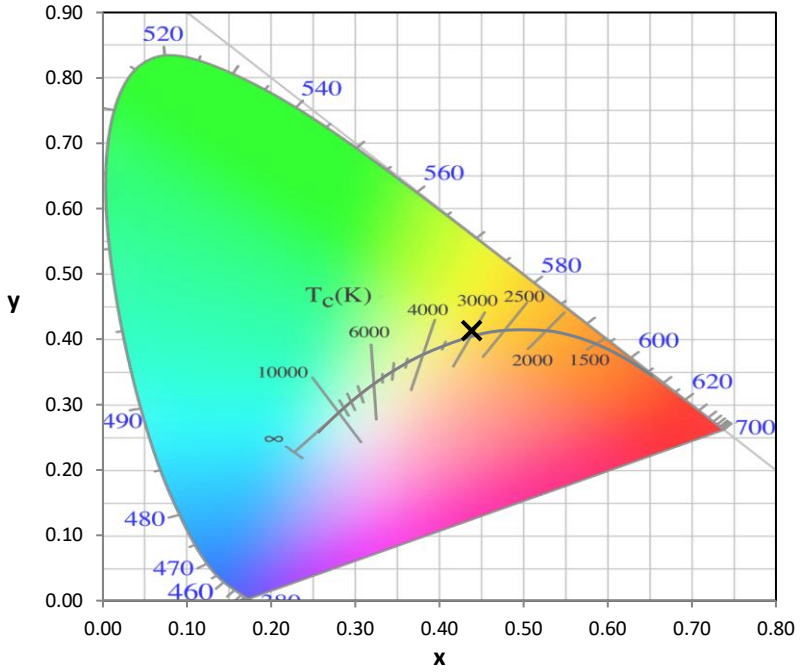
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

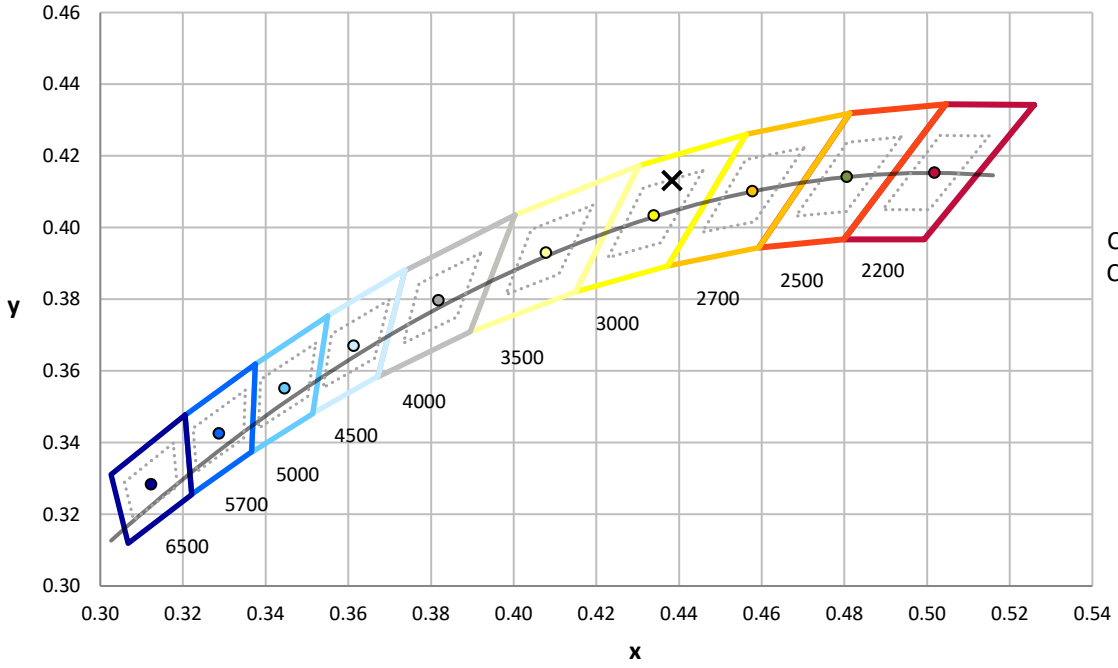
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

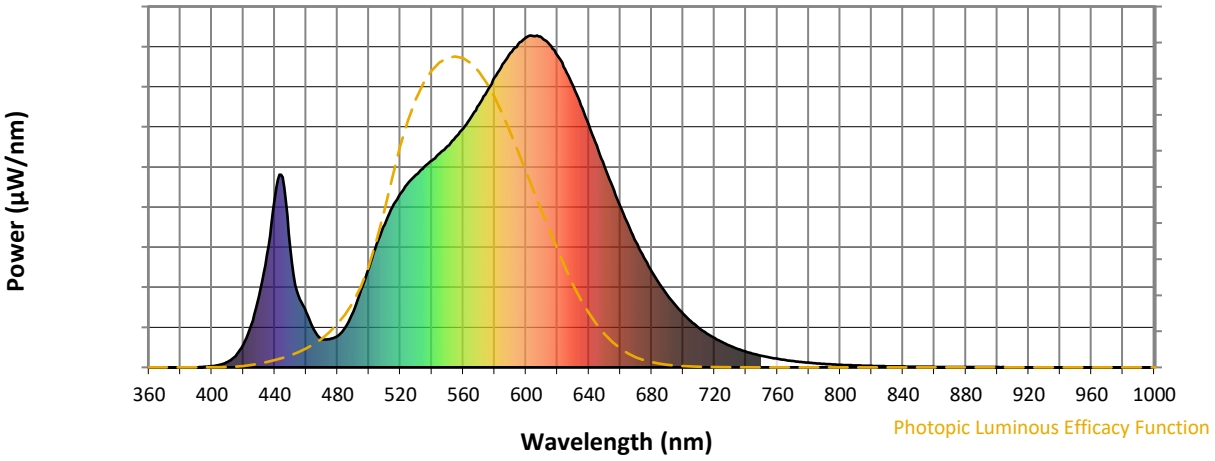


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

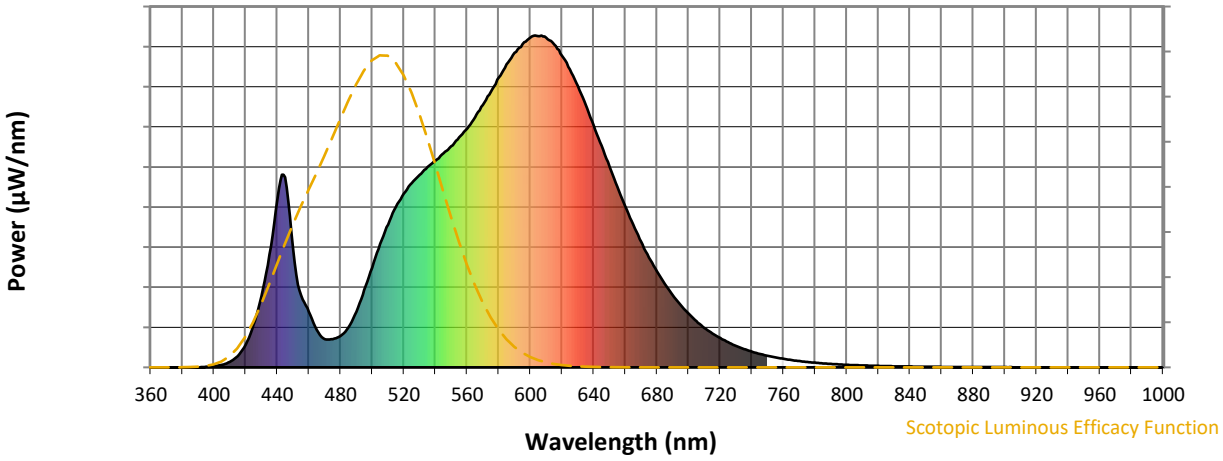


Photopic Lumens: NR

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

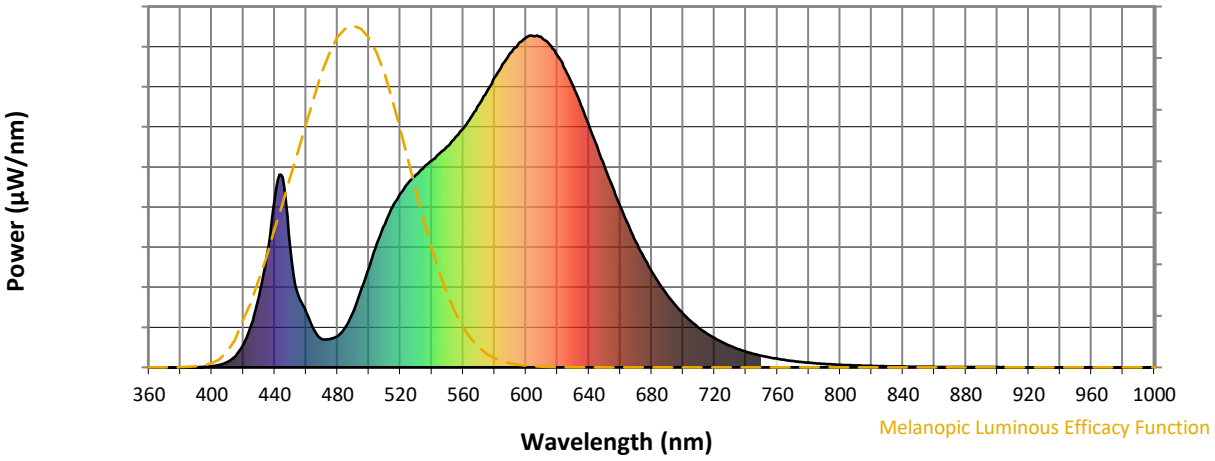


Scotopic Lumens: NR **S/P: 1.27**

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			

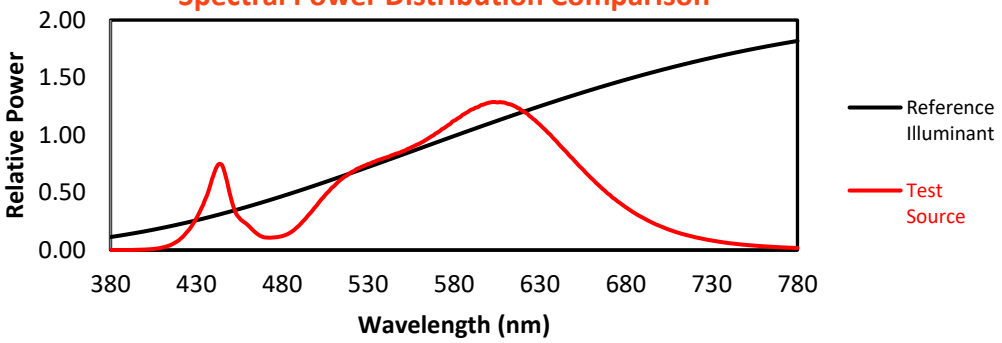
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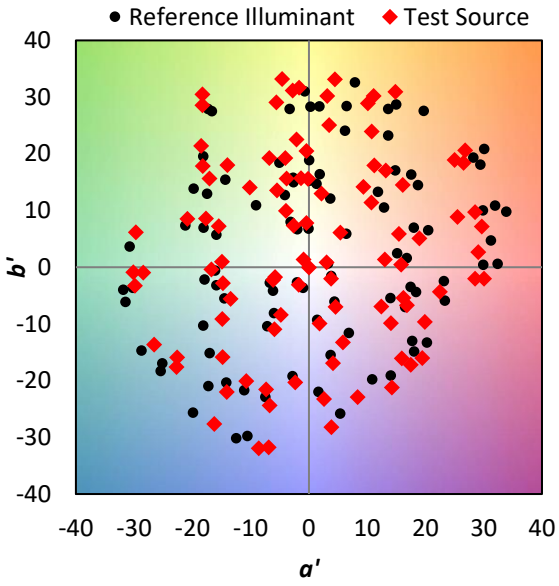
Summary

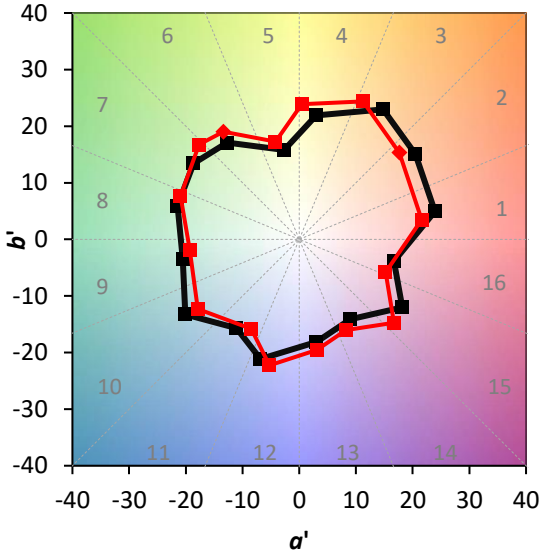
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

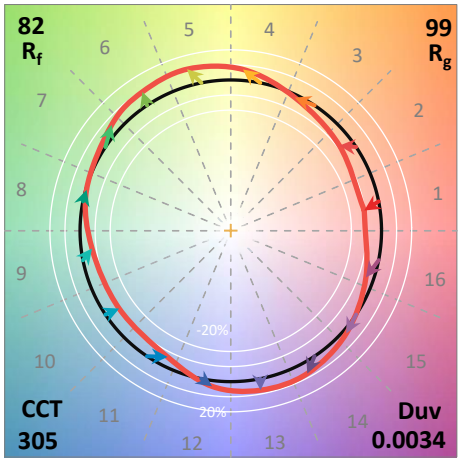
Spectral Power Distribution Comparison

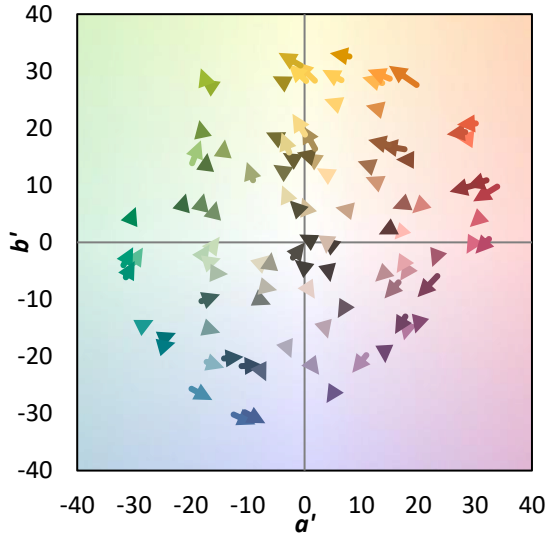


Color Vector Graphics







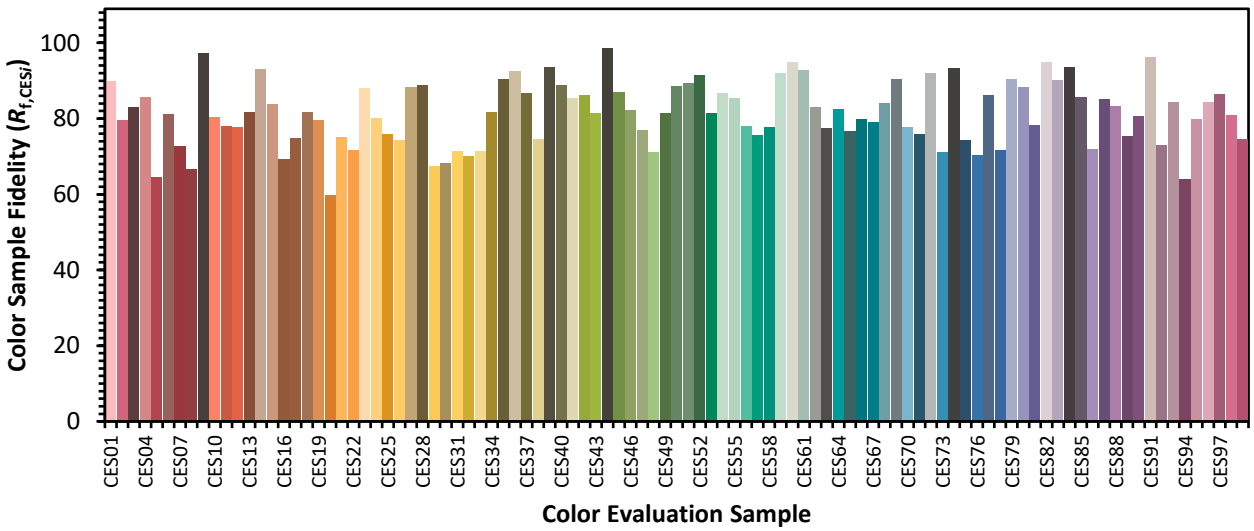


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Individual Sample Fidelity Index ($R_{f,i}$)

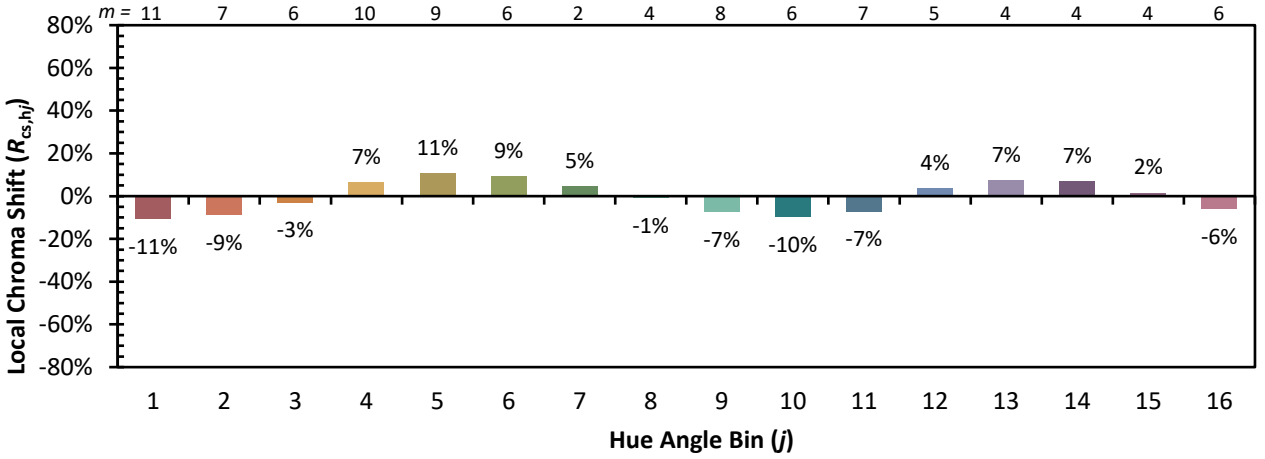
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

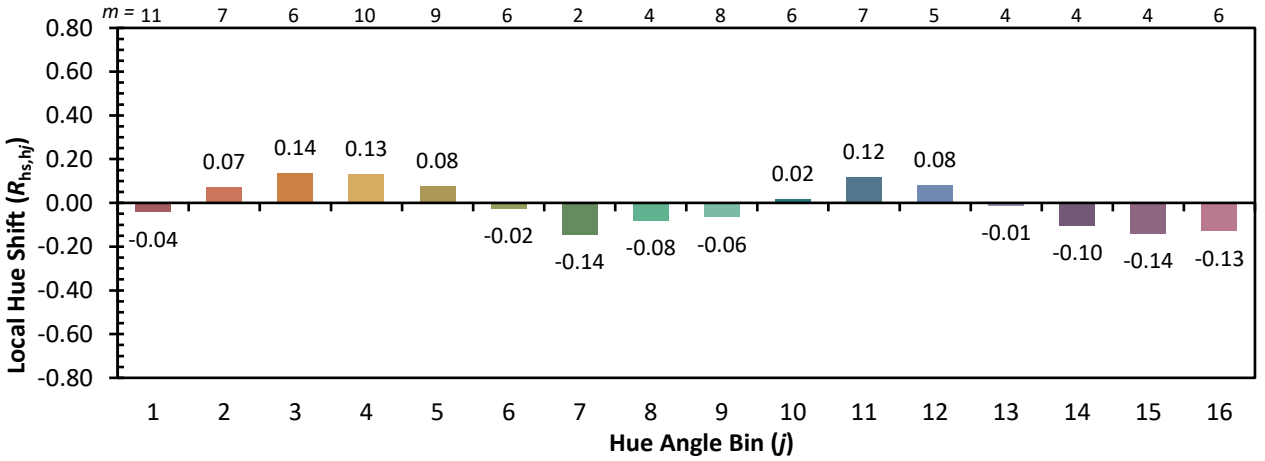


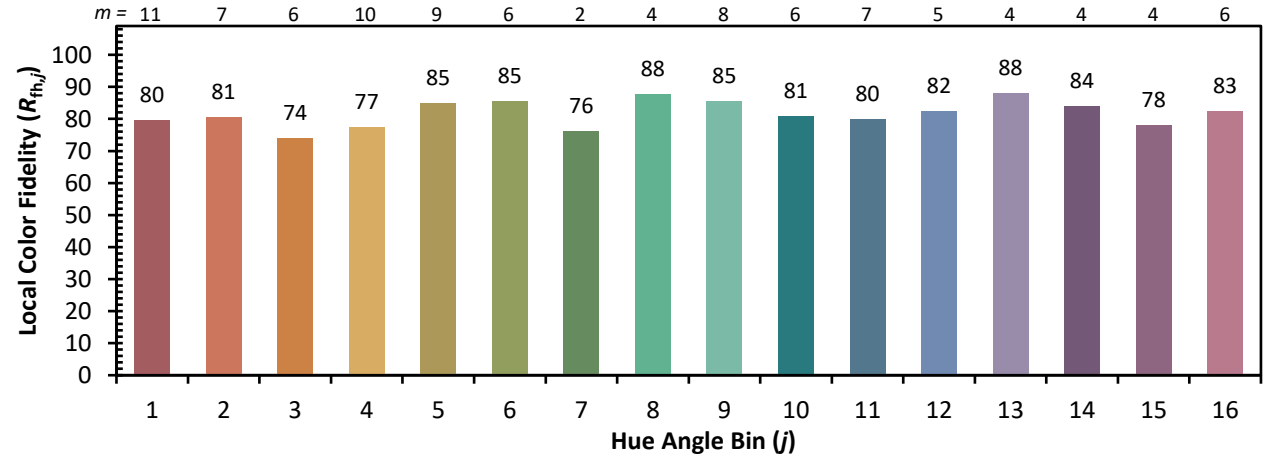
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Color Rendition by Hue-Angle Bin



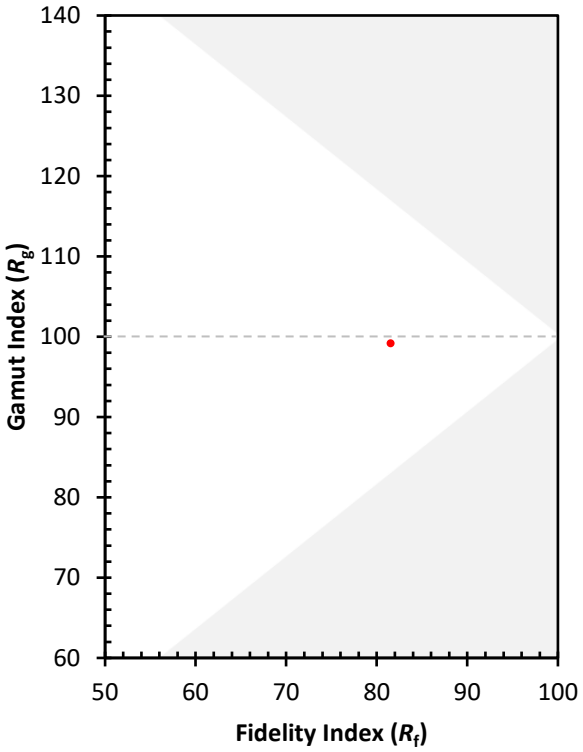


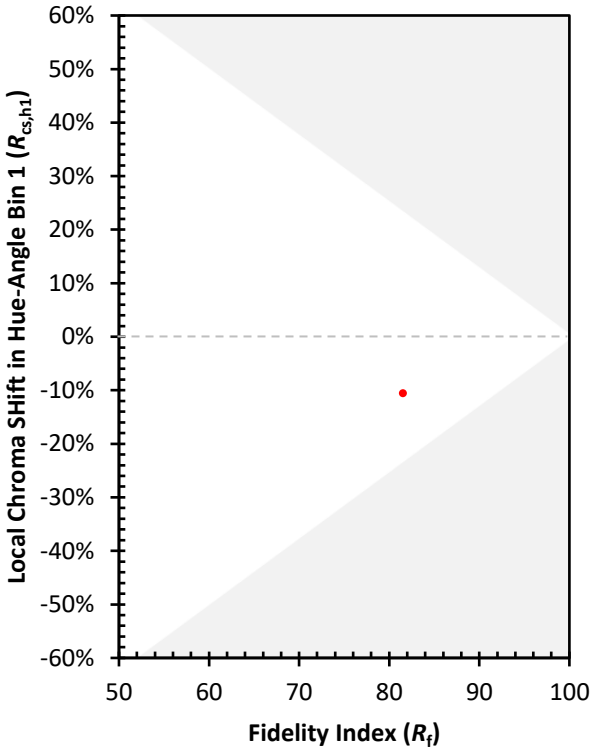


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Measure Comparisons





(END OF REPORT)