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: P1202362

Luminaire Tested: GWC-SB1D-830-U-SL3-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:	P1202362
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-830-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7403 lumens
Efficiency:	N/A
Efficacy:	93.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

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

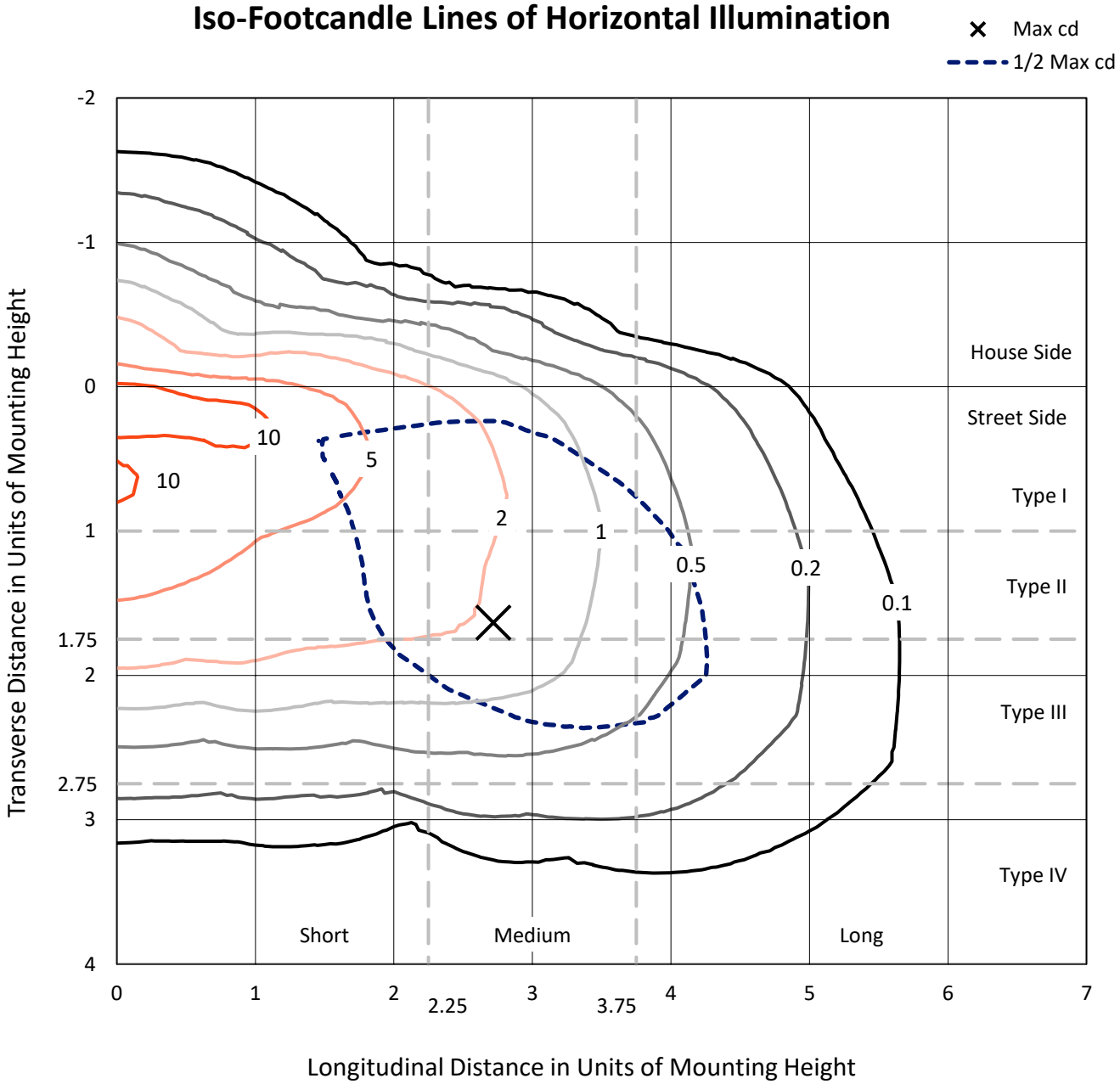


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Scaled Data Report

REPORT NUMBER: P1202362
CATALOG NUMBER: GWC-SB1D-830-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



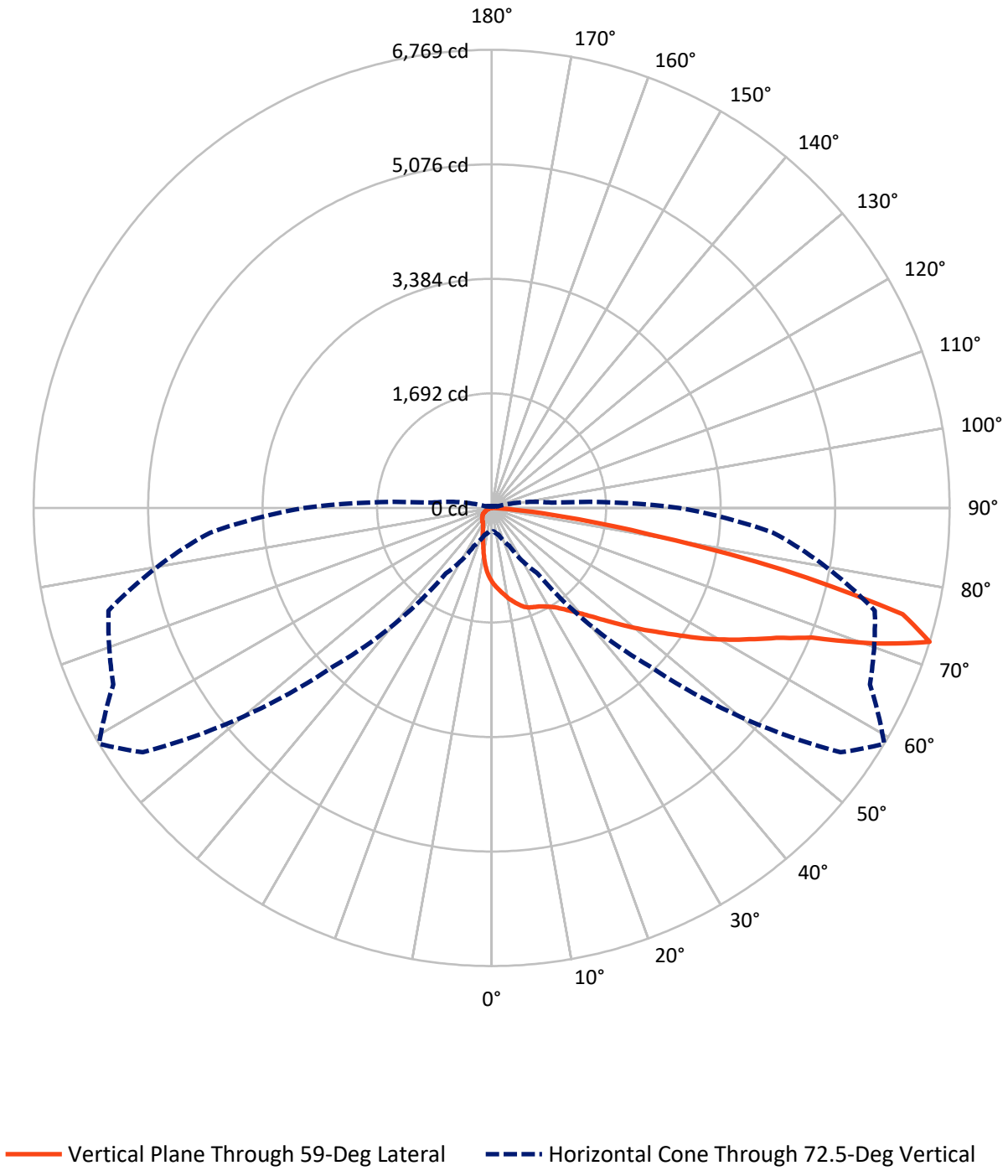
Based on 10 foot mounting height. Maximum calculated value = 18.4 fc
Type III - Medium - N/A

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REPORT NUMBER: P1202362
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Luminous Intensity Polar Plot



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Scaled Data Report

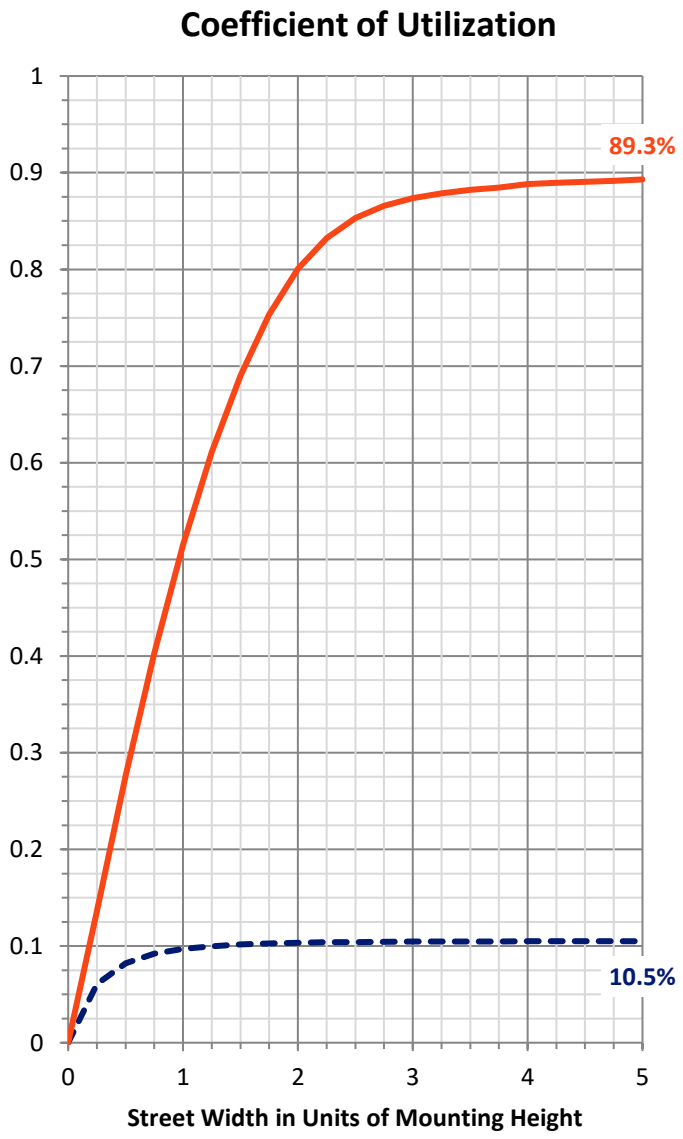
REPORT NUMBER: P1202362
CATALOG NUMBER: GWC-SB1D-830-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	781.9	0.0	781.9
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	6621.1	0.0	6621.1
	% Fixture	89.4	0.0	89.4
Total	Lumens	7403.0	0.0	7403.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.0	1.3
10°-20°	263.1	3.6
20°-30°	416.9	5.6
30°-40°	669.1	9.0
40°-50°	1068.7	14.4
50°-60°	1547.3	20.9
60°-70°	1836.3	24.8
70°-80°	1363.2	18.4
80°-90°	139.4	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°	7403.0	100.0
0°-180°	7403.0	100.0



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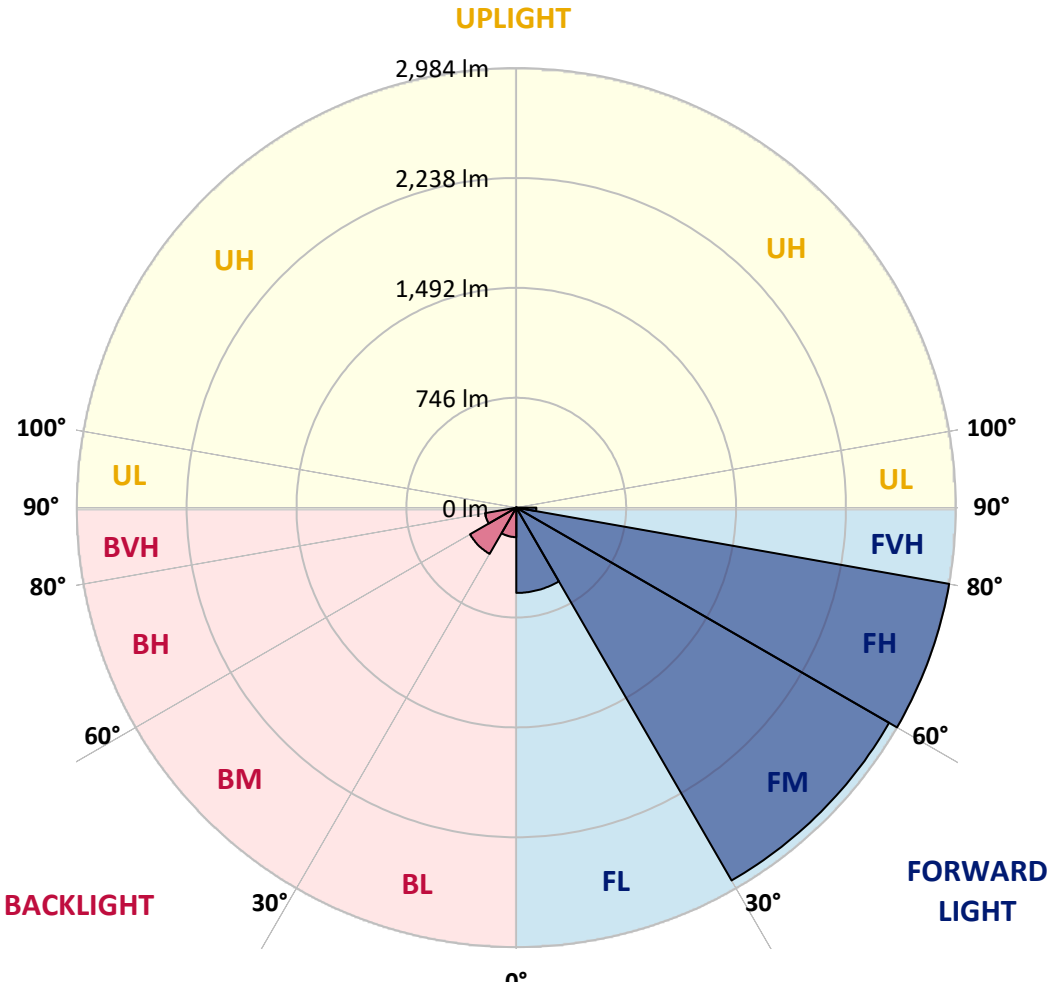
Scaled Data Report

REPORT NUMBER: P1202362
CATALOG NUMBER: GWC-SB1D-830-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	578.8	7.8			
FM	(30°-60°)	2922.6	39.5			
FH	(60°-80°)	2983.8	40.3			G2/5000
FVH	(80°-90°)	135.9	1.8			G2/225
BL	(0°-30°)	200.3	2.7	B1/500		
BM	(30°-60°)	362.5	4.9	B1/1000		
BH	(60°-80°)	215.6	2.9	B1/500		G1/500
BVH	(80°-90°)	3.5	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 III Medium



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REPORT NUMBER: P1202362
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	1094.7	1094.7	1094.7	1094.7	1094.7	1094.7	1094.7	*1094.7*	1094.7	1094.7	1094.7
2.5°	1214.6	1207.8	1208.8	1197.2	1189.0	1180.3	1163.4	*1160.9*	1148.9	1127.6	1105.8
5°	1320.4	1316.1	1312.2	1299.2	1282.3	1261.0	1232.5	*1222.3*	1200.1	1163.4	1120.8
7.5°	1397.8	1392.5	1394.4	1381.3	1367.8	1344.1	1305.0	*1286.1*	1256.6	1200.6	1136.3
10°	1412.8	1409.9	1422.4	1427.3	1427.3	1412.3	1374.1	*1355.2*	1312.2	1240.7	1152.2
12.5°	1328.7	1329.1	1360.6	1398.3	1447.6	1461.6	1436.0	*1415.7*	1373.1	1283.2	1172.5
15°	1230.5	1231.0	1261.5	1309.8	1390.5	1471.2	1491.5	*1478.5*	1434.5	1329.1	1196.2
17.5°	1171.6	1169.2	1189.5	1229.1	1313.7	1427.3	1525.4	*1534.1*	1498.3	1379.9	1222.3
20°	1163.4	1159.0	1169.6	1189.5	1249.9	1372.2	1529.2	*1570.3*	1564.0	1437.4	1252.3
22.5°	1213.6	1206.9	1201.1	1202.0	1227.6	1326.2	1519.6	*1590.6*	1631.7	1506.5	1293.4
25°	1313.2	1302.6	1283.7	1259.5	1254.2	1316.6	1512.8	*1612.8*	1694.5	1595.0	1347.5
27.5°	1435.0	1420.0	1383.8	1347.5	1316.6	1343.6	1526.8	*1648.1*	1765.6	1697.9	1410.3
30°	1568.9	1550.5	1514.3	1445.6	1396.3	1404.1	1560.2	*1694.5*	1856.4	1814.4	1489.1
32.5°	1765.6	1723.0	1659.7	1554.9	1489.6	1469.3	1610.4	*1753.5*	1969.1	1969.5	1603.2
35°	1934.3	1910.6	1846.8	1716.3	1582.4	1555.8	1676.6	*1836.6*	2125.2	2175.0	1762.7
37.5°	2044.9	2012.6	1956.5	1858.4	1726.4	1644.7	1765.1	*1938.6*	2290.5	2408.9	1959.4
40°	2168.7	2136.8	2062.3	1970.0	1893.7	1797.5	1876.7	*2056.1*	2471.7	2649.1	2184.1
42.5°	2318.0	2276.5	2188.5	2088.9	2009.2	1998.5	2022.7	*2202.5*	2657.8	2910.1	2418.1
45°	2493.5	2454.3	2353.3	2227.6	2157.6	2138.7	2206.4	*2373.1*	2865.1	3196.2	2654.4
47.5°	2657.8	2612.4	2503.6	2389.1	2311.3	2251.8	2401.6	*2574.7*	3100.0	3495.4	2877.7
50°	2797.5	2751.1	2651.5	2529.2	2476.5	2398.7	2593.5	*2799.4*	3333.0	3799.4	3081.7
52.5°	2893.2	2852.1	2735.1	2652.0	2616.2	2577.1	2818.3	*3037.7*	3565.0	4077.8	3283.2
55°	2871.4	2834.7	2731.7	2725.9	2723.5	2764.6	3087.0	*3307.9*	3801.3	4341.2	3483.8
57.5°	2802.3	2760.7	2632.2	2720.6	2806.2	2931.8	3377.9	*3627.3*	4060.4	4589.6	3677.1
60°	2598.8	2584.3	2506.0	2710.5	2841.0	3095.7	3710.5	*3948.3*	4340.7	4808.1	3848.7
62.5°	2168.2	2180.8	2180.3	2731.7	2903.8	3282.2	4012.6	*4273.1*	4614.8	5018.3	4001.4
65°	1623.5	1667.0	1722.6	2540.3	2987.9	3615.3	4373.6	*4625.4*	4893.2	5262.9	4156.6
67.5°	1090.9	1125.7	1163.4	2084.1	2737.5	3965.2	4973.4	*5108.2*	5226.7	5534.1	4331.1
70°	624.5	635.6	688.3	1301.6	2110.2	3868.5	5950.2	*5999.0*	5724.0	5868.0	4458.2
72.5°	*349.9*	*346.1*	*415.7*	*617.7*	*1179.3*	*3312.7*	*6292.4*	*6768.5*	*6169.1*	*5862.7*	*4174.5*
75°	233.9	234.4	286.1	389.6	459.6	2319.0	5422.4	*6276.0*	5902.3	5198.6	3410.8
77.5°	159.5	164.8	210.2	301.1	212.7	1131.5	3587.2	*4396.3*	4778.6	4014.5	2354.8
80°	69.1	69.6	138.7	216.0	143.5	360.1	1859.8	*2355.2*	2997.1	2254.2	932.8
82.5°	35.8	40.6	88.4	139.7	90.4	126.1	878.7	*1029.0*	1257.6	661.7	191.4
85°	12.6	15.0	54.6	68.6	45.4	44.9	305.9	*311.7*	266.3	99.6	52.7
87.5°	0.0	2.4	21.3	16.9	5.8	5.3	36.2	*30.4*	24.2	14.0	17.4
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: P1202362
CATALOG NUMBER: GWC-SB1D-830-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1094.7	1094.7	1094.7	1094.7	1094.7	1094.7	1094.7	1094.7	1094.7	1094.7	1094.7
2.5°	1095.7	1082.6	1061.4	1035.3	1004.8	988.4	964.7	950.2	937.2	937.6	948.3
5°	1097.1	1075.4	1021.3	963.7	899.9	853.1	800.9	764.1	736.1	729.3	739.5
7.5°	1101.5	1064.8	976.3	880.6	774.3	695.5	623.5	578.1	552.4	545.7	552.4
10°	1107.3	1053.2	925.6	779.1	647.2	552.4	492.5	463.5	451.9	443.2	448.5
12.5°	1112.1	1041.1	861.8	674.2	534.1	460.1	414.7	390.5	380.4	374.1	377.5
15°	1120.3	1025.1	792.7	576.6	457.7	397.3	354.3	336.4	333.5	334.5	335.9
17.5°	1128.6	1009.7	715.3	500.2	401.6	342.2	316.1	313.2	317.1	320.9	322.4
20°	1137.7	987.4	637.0	442.7	349.9	304.0	297.2	299.2	301.1	307.9	309.8
22.5°	1151.3	959.4	568.4	393.9	306.9	285.6	282.3	283.7	285.2	291.9	293.9
25°	1170.6	929.4	512.8	349.0	279.8	270.7	267.3	267.3	269.2	275.5	277.9
27.5°	1190.9	886.9	467.9	307.4	263.9	254.2	248.4	248.4	250.8	258.1	261.0
30°	1213.6	848.2	432.6	276.5	250.4	237.8	230.1	228.1	231.0	240.2	242.6
32.5°	1254.7	823.1	407.4	262.0	238.3	222.8	212.2	206.9	209.8	220.4	223.3
35°	1317.1	817.3	390.0	254.7	226.7	209.3	194.3	186.1	188.5	199.6	203.0
37.5°	1390.0	829.4	373.1	245.0	215.6	196.2	176.4	165.8	169.6	179.8	182.7
40°	1494.9	879.6	360.1	237.8	204.4	180.8	158.5	147.9	154.2	162.9	164.3
42.5°	1621.5	969.1	356.7	231.0	190.9	164.3	142.1	134.4	139.2	147.4	148.9
45°	1778.6	1083.1	372.2	222.3	175.9	148.4	129.0	124.7	126.1	134.4	138.2
47.5°	1947.3	1200.1	414.7	214.6	162.9	135.3	118.9	115.0	114.1	121.8	126.6
50°	2117.9	1304.0	465.0	208.8	153.7	124.7	111.2	106.3	103.9	108.7	110.7
52.5°	2286.6	1386.7	497.8	199.1	144.5	114.1	104.4	97.1	92.8	95.2	97.1
55°	2457.7	1459.2	499.8	184.6	135.8	107.3	97.6	89.4	84.1	84.1	85.1
57.5°	2617.7	1523.0	471.2	165.3	123.7	101.0	88.4	81.7	75.9	73.9	74.4
60°	2759.3	1570.3	423.9	143.5	113.1	92.8	79.3	73.9	66.7	62.8	61.9
62.5°	2885.4	1593.5	359.1	121.3	100.0	83.1	70.6	64.8	55.1	50.3	49.8
65°	2992.3	1569.8	291.4	100.5	88.9	72.5	60.4	54.6	44.0	38.2	38.2
67.5°	3098.1	1461.6	220.4	84.6	77.3	60.9	49.8	44.5	36.7	31.9	31.9
70°	3111.6	1233.9	154.2	71.0	64.3	46.9	40.1	36.7	30.0	25.6	25.1
72.5°	*2769.9*	*887.9*	*93.8*	*58.0*	*50.3*	*33.3*	*31.9*	*29.0*	*22.2*	*19.3*	*18.8*
75°	2214.1	544.2	55.1	43.5	33.3	23.7	23.7	20.8	15.0	12.6	12.6
77.5°	1530.2	284.7	32.4	28.0	19.8	14.0	15.5	12.6	7.2	5.8	5.8
80°	612.9	108.3	17.4	13.0	9.2	6.3	5.3	2.9	1.4	1.0	1.4
82.5°	122.3	28.5	5.8	3.4	3.4	1.4	0.0	0.0	0.0	0.0	0.0
85°	31.4	6.3	1.4	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.7	0.0	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

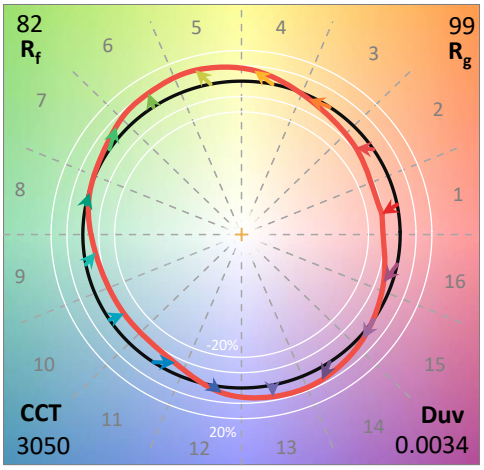
Test Information

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

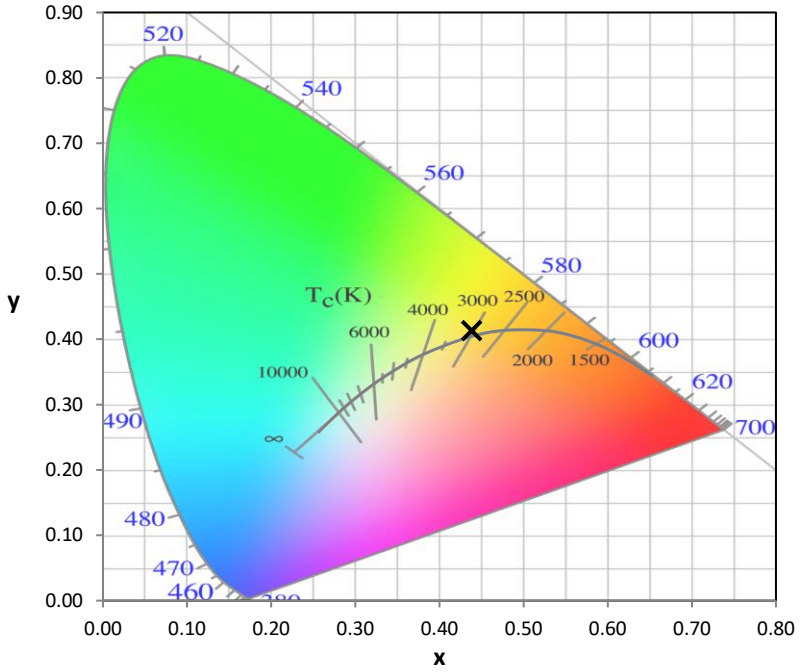
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

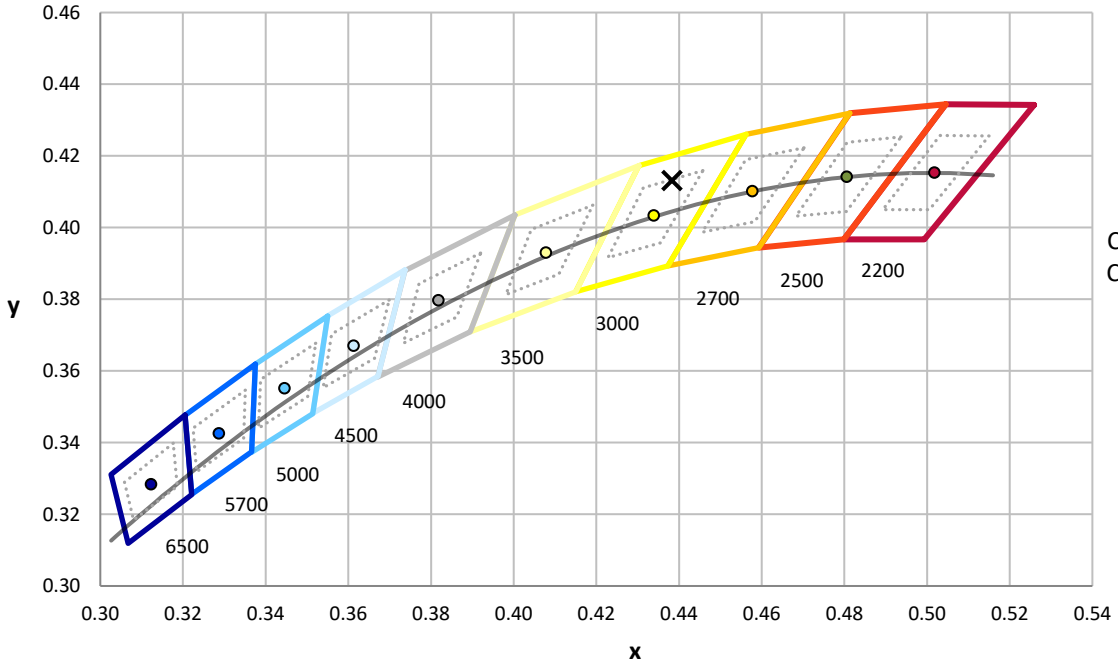
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

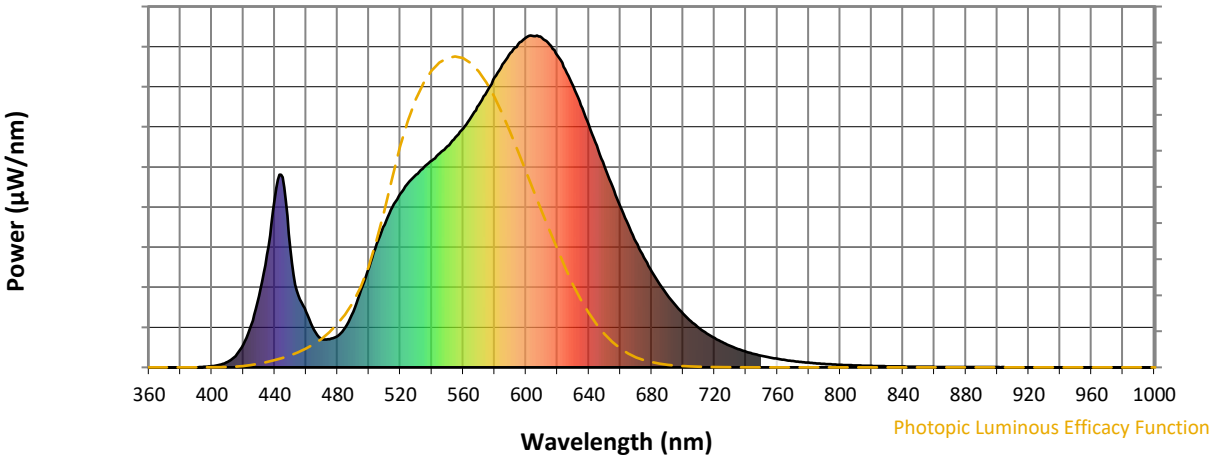


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

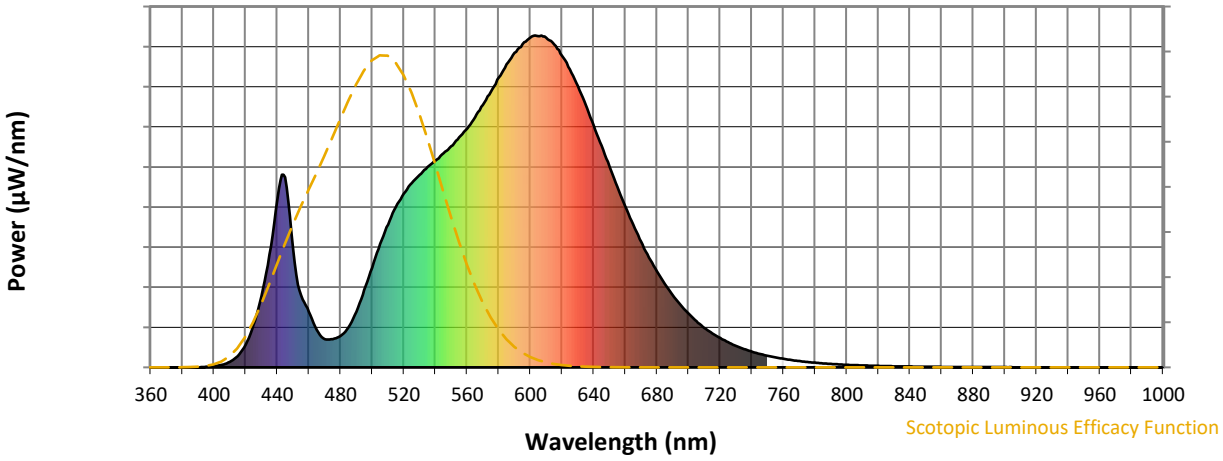


Photopic Lumens: NR

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

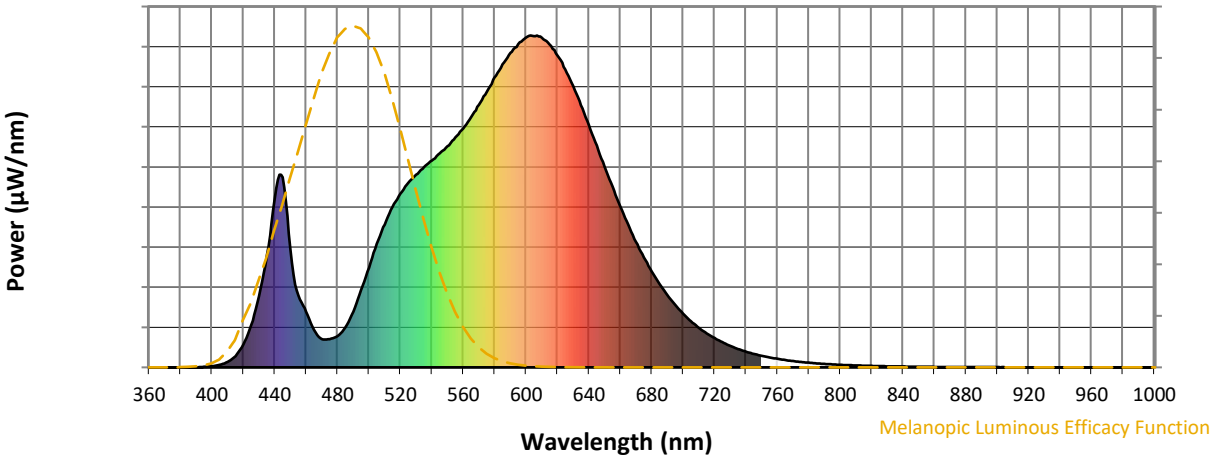


Scotopic Lumens: NR **S/P: 1.27**

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			

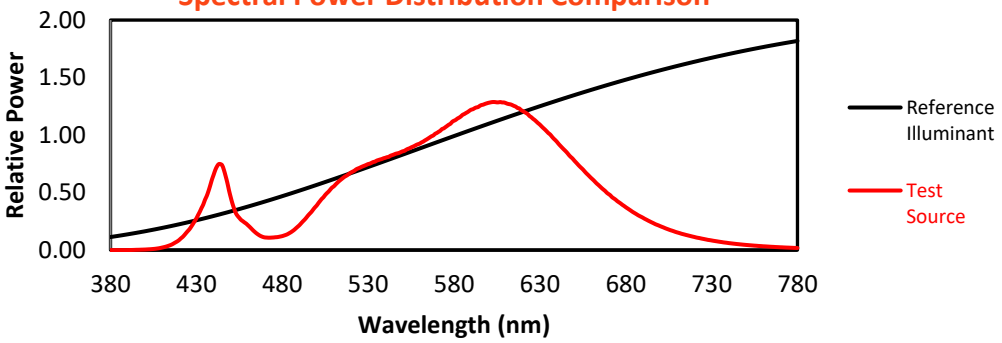
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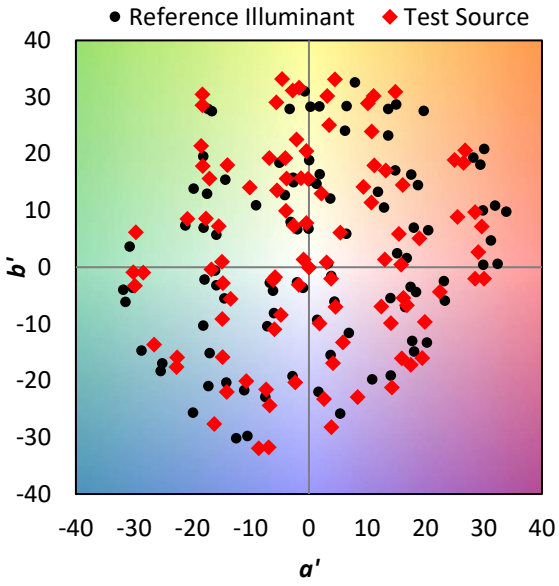
Summary

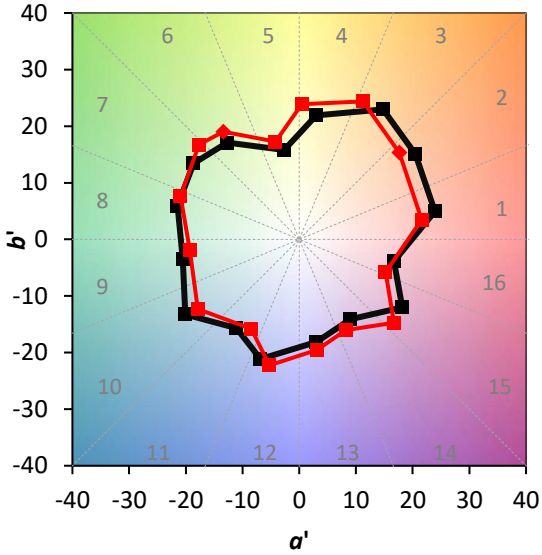
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

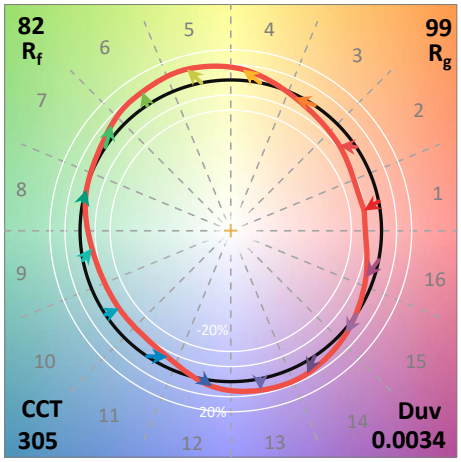
Spectral Power Distribution Comparison

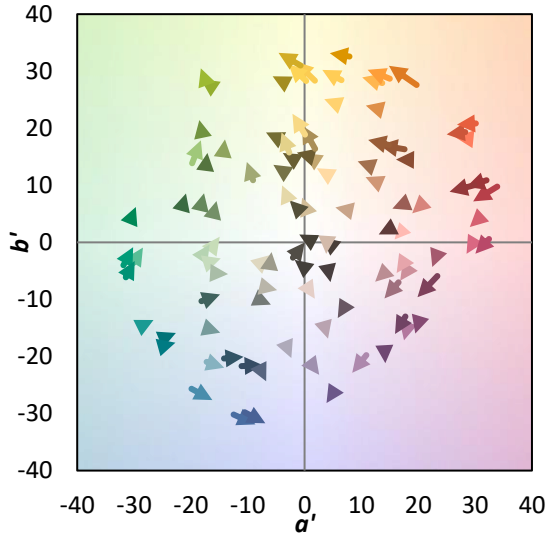


Color Vector Graphics







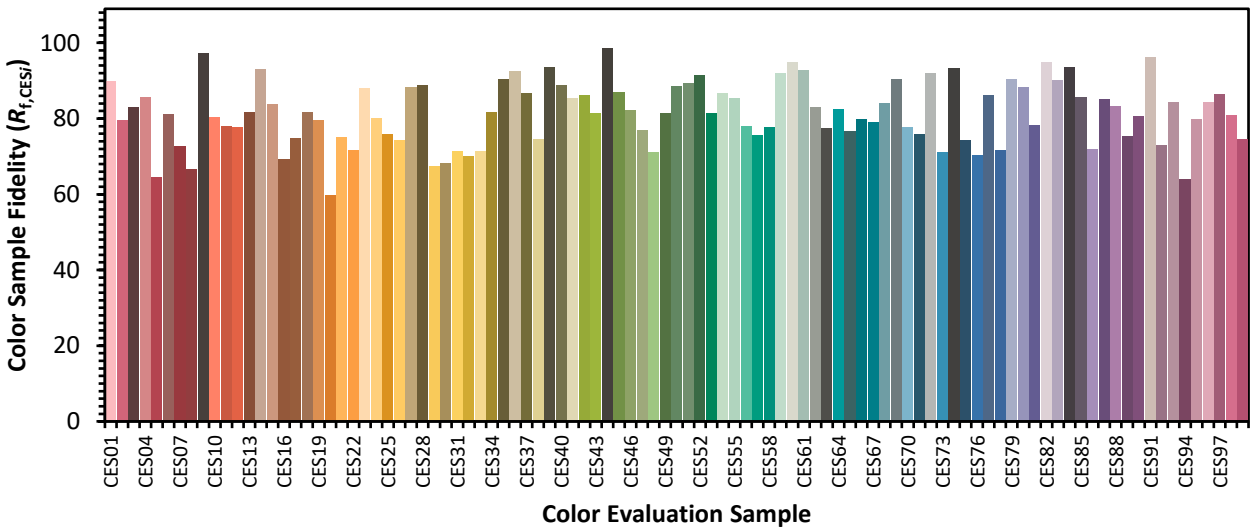


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Individual Sample Fidelity Index ($R_{f,i}$)

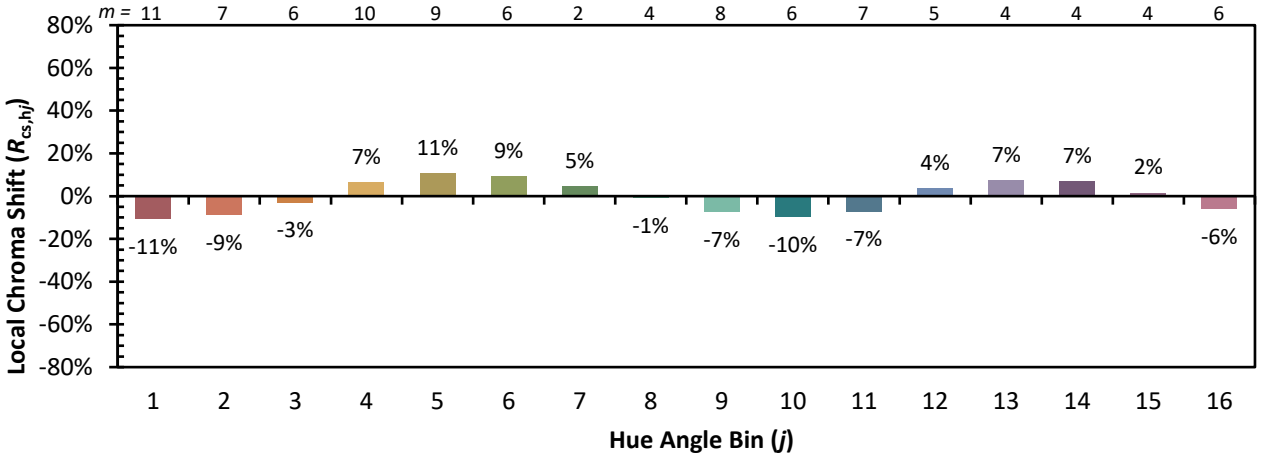
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

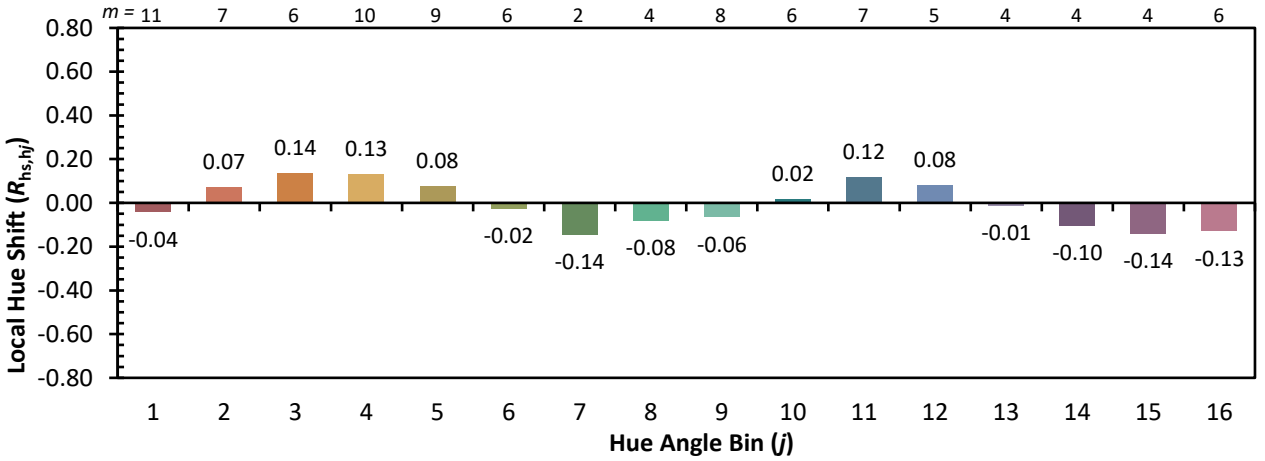


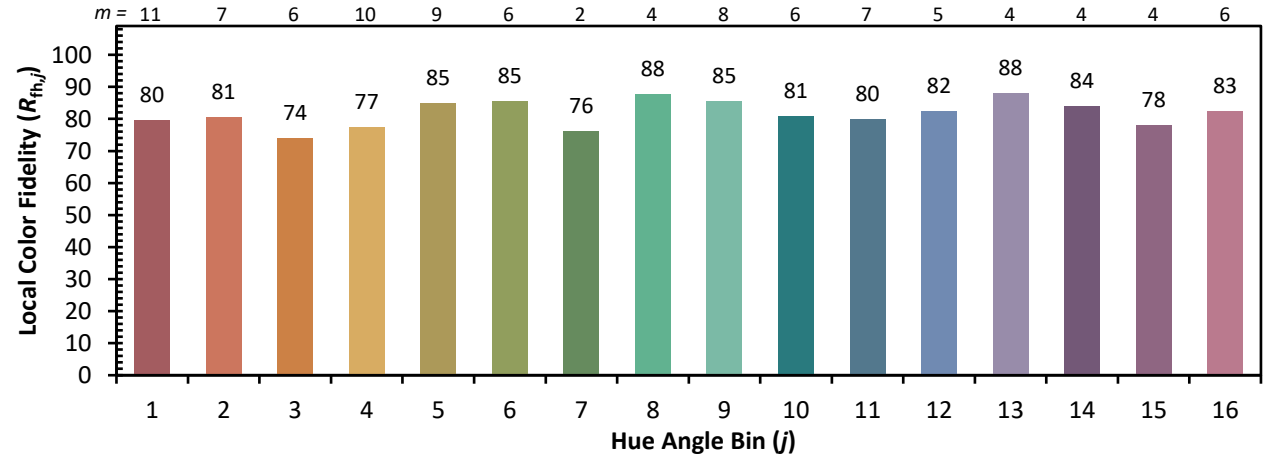
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Color Rendition by Hue-Angle Bin



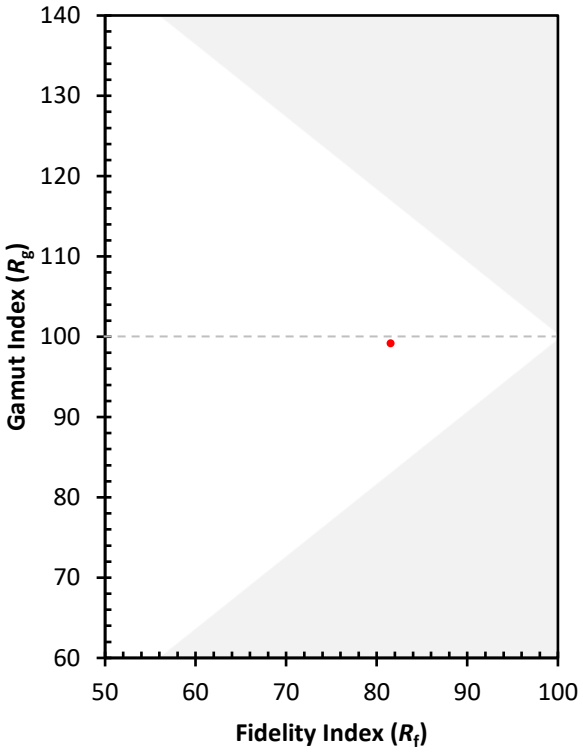


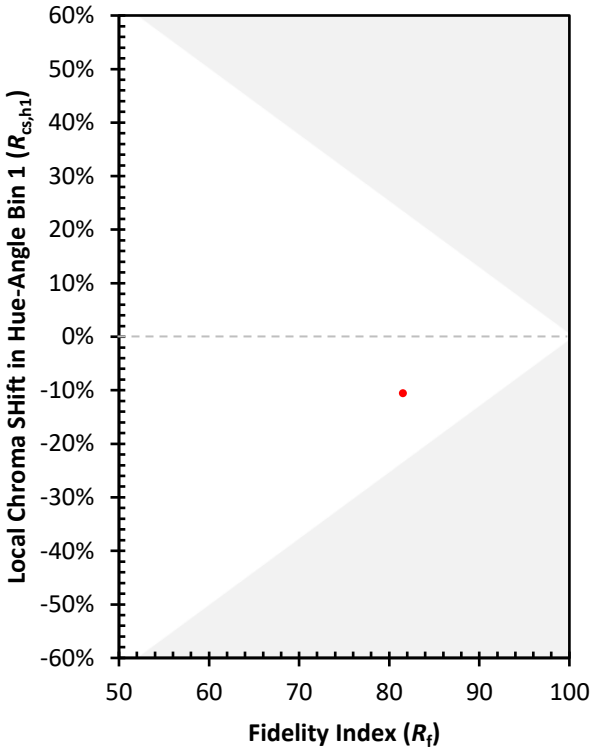


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Measure Comparisons





(END OF REPORT)