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: P1203124

Luminaire Tested: GWC-SB2B-830-U-T4W-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:	P1203124
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-830-U-T4W-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7792 lumens
Efficiency:	N/A
Efficacy:	105.4 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):	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

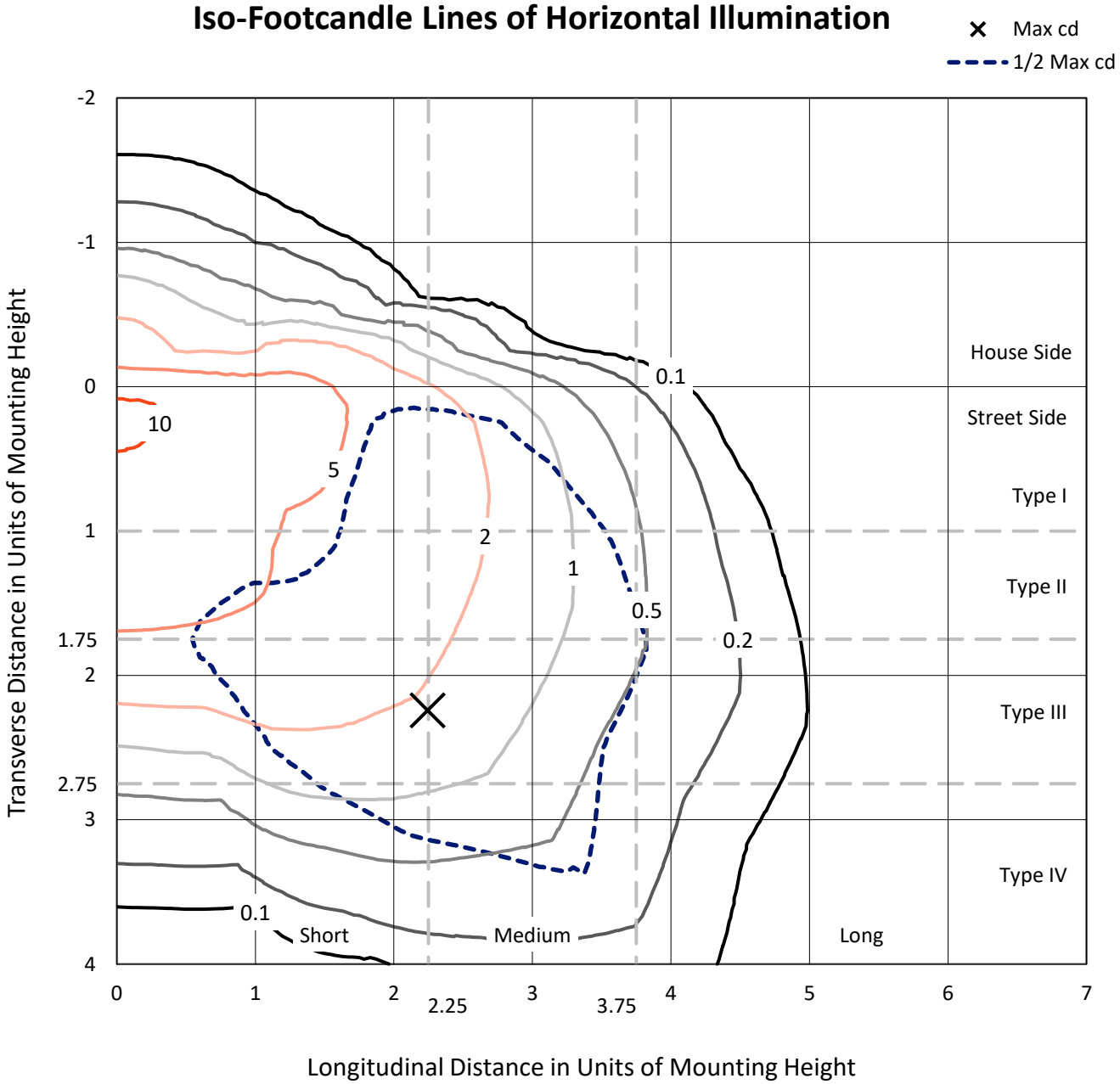


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REPORT NUMBER: P1203124
CATALOG NUMBER: GWC-SB2B-830-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



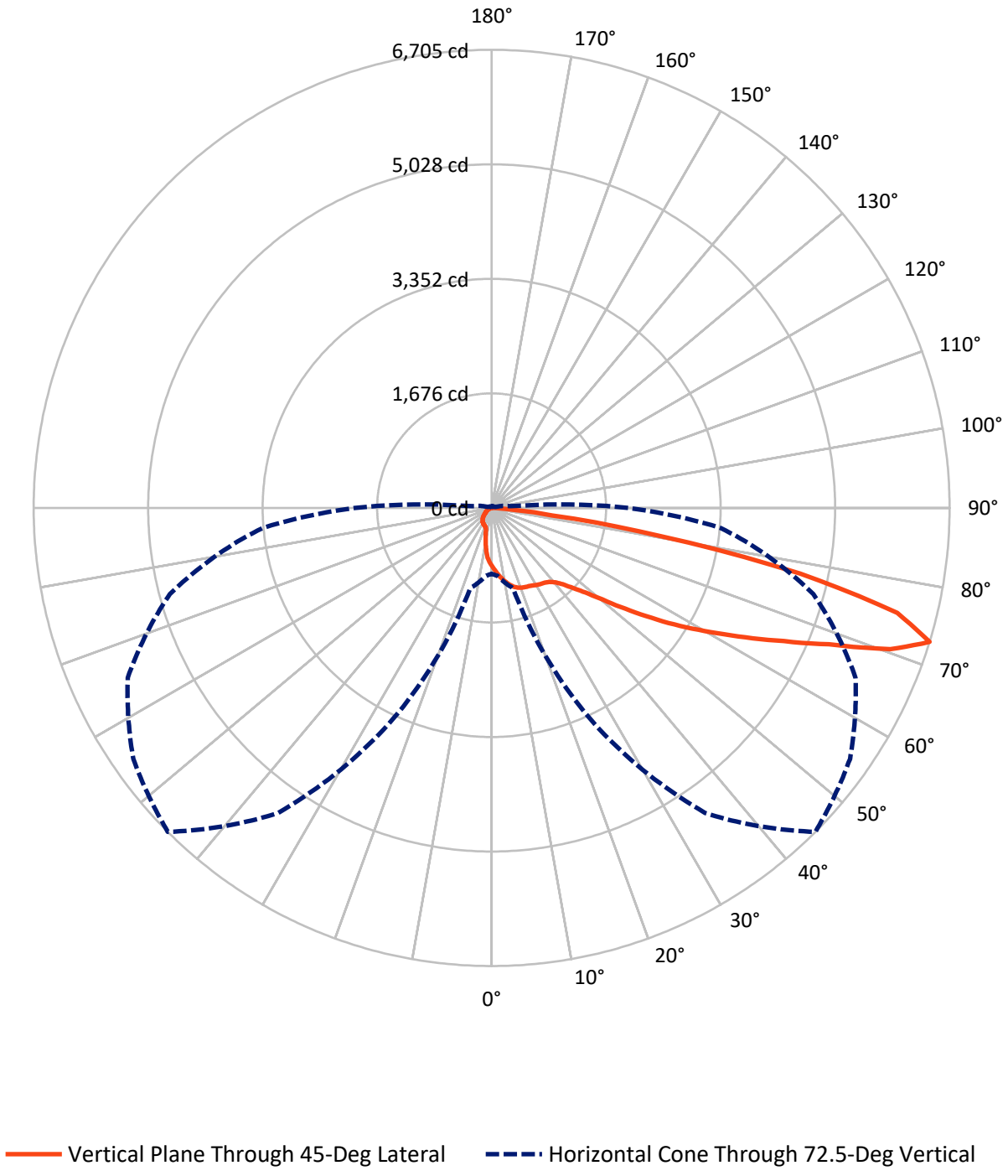
Based on 10 foot mounting height. Maximum calculated value = 14.7 fc
Type IV - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1203124
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Luminous Intensity Polar Plot



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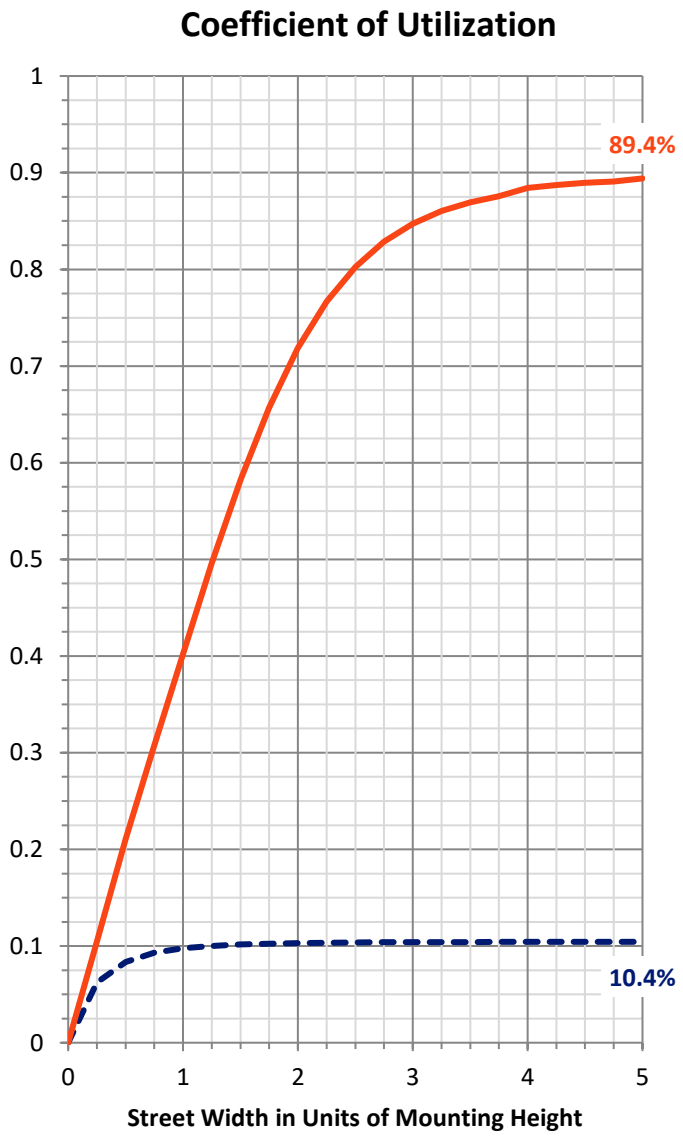
REPORT NUMBER: P1203124
CATALOG NUMBER: GWC-SB2B-830-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	818.7	0.0	818.7
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	6973.3	0.0	6973.3
	% Fixture	89.5	0.0	89.5
Total	Lumens	7792.0	0.0	7792.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.4	1.0
10°-20°	235.1	3.0
20°-30°	386.0	5.0
30°-40°	547.4	7.0
40°-50°	904.9	11.6
50°-60°	1625.5	20.9
60°-70°	2257.1	29.0
70°-80°	1637.2	21.0
80°-90°	118.4	1.5
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°	7792.0	100.0
0°-180°	7792.0	100.0



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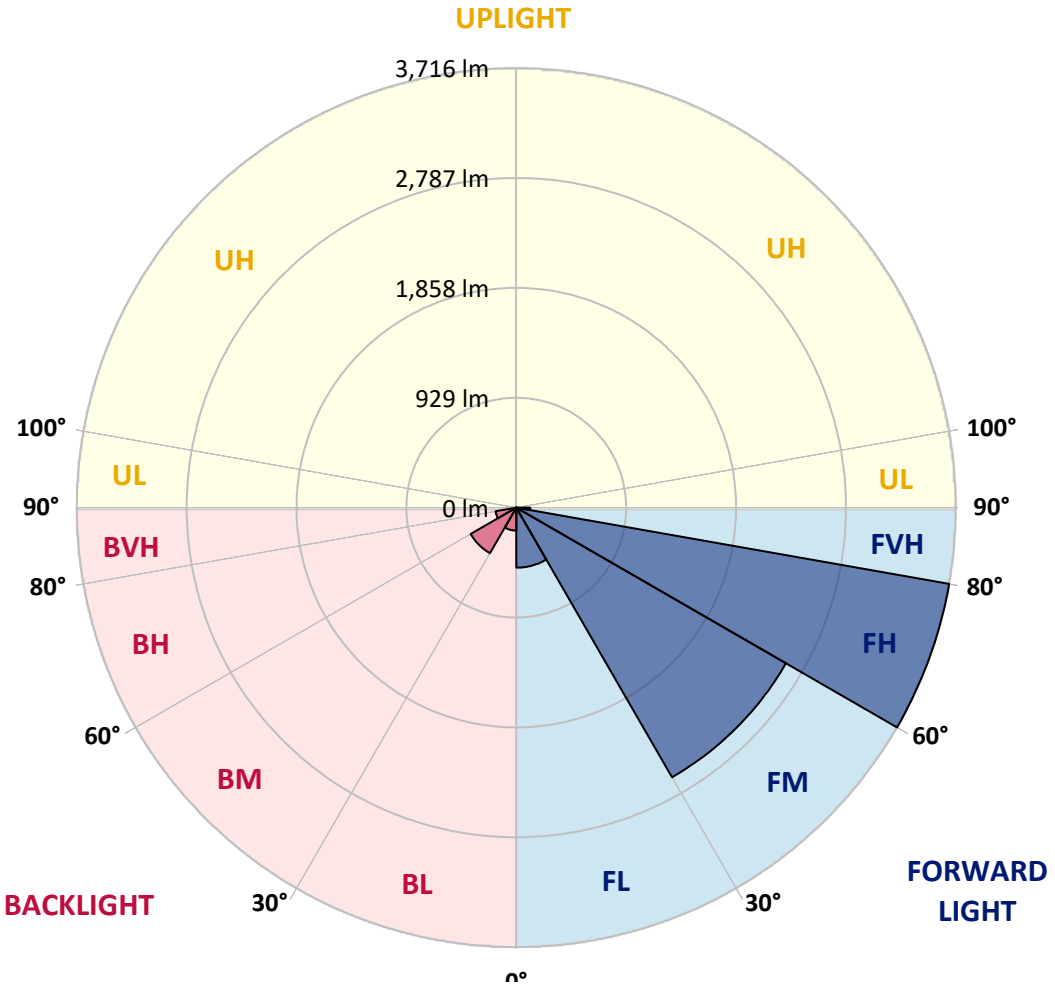
Scaled Data Report

REPORT NUMBER: P1203124
CATALOG NUMBER: GWC-SB2B-830-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	507.6	6.5			
FM	(30°-60°)	2632.5	33.8			
FH	(60°-80°)	3715.8	47.7			G2/5000
FVH	(80°-90°)	117.4	1.5			G2/225
BL	(0°-30°)	193.9	2.5	B1/500		
BM	(30°-60°)	445.3	5.7	B1/1000		
BH	(60°-80°)	178.5	2.3	B1/500		G1/500
BVH	(80°-90°)	1.0	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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Scaled Data Report

REPORT NUMBER: P1203124
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	853.6	853.6	853.6	853.6	853.6	*853.6*	853.6	853.6	853.6	853.6	853.6
2.5°	932.3	933.9	932.9	926.5	915.9	*910.0*	906.8	896.2	889.3	877.0	864.3
5°	1018.0	1024.4	1020.6	1007.9	987.7	*973.3*	969.0	947.2	927.6	904.7	878.1
7.5°	1108.9	1112.1	1105.2	1088.7	1061.6	*1037.1*	1033.4	1003.1	971.7	936.6	900.4
10°	1187.6	1191.4	1180.7	1156.8	1125.9	*1095.6*	1090.3	1056.8	1019.6	976.5	930.2
12.5°	1253.6	1257.3	1243.5	1214.8	1180.7	*1149.3*	1144.0	1108.9	1068.0	1020.1	962.7
15°	1303.6	1310.5	1291.9	1261.0	1224.3	*1193.0*	1190.3	1155.7	1115.8	1062.6	1001.5
17.5°	1332.8	1339.7	1322.2	1285.0	1253.6	*1227.0*	1223.8	1195.1	1157.9	1106.8	1039.2
20°	1337.6	1344.0	1325.4	1292.9	1266.9	*1245.6*	1244.0	1223.3	1196.1	1147.2	1080.2
22.5°	1323.3	1331.2	1314.2	1288.2	1270.1	*1258.9*	1256.8	1245.1	1229.7	1188.2	1118.5
25°	1308.4	1314.8	1302.0	1279.1	1269.5	*1268.5*	1270.1	1267.9	1264.8	1229.7	1163.2
27.5°	1307.3	1314.2	1299.9	1278.1	1272.7	*1283.9*	1285.5	1295.6	1298.3	1267.4	1206.3
30°	1316.3	1321.1	1307.3	1284.4	1281.8	*1307.3*	1307.8	1325.9	1330.2	1299.3	1248.8
32.5°	1336.0	1341.3	1327.5	1294.0	1290.3	*1325.9*	1327.5	1351.4	1358.4	1333.4	1293.5
35°	1382.3	1388.7	1372.7	1320.6	1307.3	*1343.5*	1348.3	1376.4	1390.3	1369.5	1339.7
37.5°	1497.7	1479.1	1457.3	1374.3	1346.1	*1371.1*	1379.1	1412.1	1436.5	1412.6	1395.1
40°	1784.4	1725.9	1657.8	1465.8	1414.2	*1430.2*	1436.5	1469.5	1503.0	1479.6	1471.1
42.5°	2214.7	2145.5	2035.9	1676.4	1516.9	*1524.8*	1529.6	1558.3	1605.7	1587.1	1589.2
45°	2598.1	2573.1	2461.4	2035.9	1708.9	*1669.5*	1675.3	1690.2	1759.9	1753.0	1766.8
47.5°	2892.8	2878.4	2792.2	2448.7	2033.3	*1846.6*	1863.1	1870.0	1970.5	1995.0	2032.2
50°	3119.3	3114.0	3036.9	2815.6	2457.2	*2107.7*	2113.6	2098.7	2249.2	2309.9	2380.6
52.5°	3333.1	3351.2	3294.3	3156.6	2909.8	*2449.7*	2448.7	2378.5	2581.6	2673.1	2793.8
55°	3526.2	3532.6	3538.4	3504.4	3365.1	*2839.1*	2828.9	2714.1	2967.2	3061.9	3192.7
57.5°	3707.6	3710.2	3762.4	3832.0	3838.9	*3257.1*	3238.5	3100.7	3388.5	3456.0	3536.3
60°	3829.4	3841.6	3951.7	4145.3	4229.9	*3688.4*	3678.3	3537.9	3817.1	3848.5	3833.6
62.5°	3653.9	3728.3	4005.9	4389.9	4599.0	*4166.6*	4161.8	4029.9	4268.2	4242.6	4115.0
65°	2957.7	3083.7	3572.0	4555.4	4961.2	*4700.6*	4707.5	4567.1	4731.4	4648.4	4343.7
67.5°	2068.9	2201.9	2779.5	4568.6	5365.9	*5327.6*	5367.5	5147.3	5223.4	5037.2	4397.9
70°	1430.7	1499.3	1875.3	4282.5	5681.3	*6191.3*	6190.3	5860.0	5712.7	5214.3	4121.4
72.5°	*962.1*	*997.8*	*1218.0*	*3397.5*	*5449.4*	*6704.6*	*6673.7*	*6404.6*	*5877.5*	*4876.6*	*3367.2*
75°	405.8	431.9	563.8	1909.4	4311.2	*6133.9*	6050.4	5660.0	5222.3	3840.0	2100.8
77.5°	128.7	139.9	222.3	683.4	2374.7	*4610.7*	4522.4	3534.7	3500.1	1926.4	768.0
80°	61.2	71.3	125.0	274.4	934.5	*2507.7*	2495.5	1603.5	1505.7	520.2	154.2
82.5°	26.6	31.4	69.1	146.8	418.0	*894.6*	912.7	545.7	451.5	197.3	47.3
85°	8.5	11.2	31.9	67.5	176.6	*222.3*	219.7	129.8	181.9	107.4	16.5
87.5°	0.0	0.0	10.6	15.4	18.1	*12.8*	14.4	11.2	50.5	29.8	5.9
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: P1203124
CATALOG NUMBER: GWC-SB2B-830-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	853.6	853.6	853.6	853.6	853.6	853.6	853.6	853.6	853.6	853.6	853.6
2.5°	857.9	849.4	834.5	820.7	808.4	796.2	788.7	778.1	777.0	777.0	779.7
5°	863.7	849.9	823.3	795.1	762.7	731.8	701.0	671.2	661.6	654.7	657.9
7.5°	880.8	858.9	816.9	763.2	701.5	634.0	586.6	535.6	515.9	505.3	506.9
10°	905.2	875.4	811.6	717.5	617.5	525.5	457.9	402.6	381.3	372.3	372.3
12.5°	932.3	895.6	802.0	660.6	525.5	415.4	349.4	323.9	320.7	320.7	320.7
15°	964.8	920.1	785.6	593.6	429.2	328.7	305.3	306.3	309.5	311.7	311.7
17.5°	998.3	946.2	759.5	518.6	344.1	295.7	296.2	297.8	300.5	302.6	302.6
20°	1034.5	972.2	724.9	438.8	295.2	286.1	287.7	289.3	291.5	292.5	293.1
22.5°	1073.3	996.7	684.0	360.6	278.7	278.2	278.7	280.3	282.9	282.9	284.0
25°	1114.8	1023.8	637.2	303.7	270.2	270.2	271.2	272.3	274.4	274.4	275.0
27.5°	1157.3	1048.8	587.7	273.9	262.7	262.2	262.2	263.8	264.9	265.4	265.9
30°	1204.1	1078.1	538.2	267.5	256.9	254.2	252.6	253.7	254.8	255.3	256.4
32.5°	1252.0	1106.3	494.1	270.2	251.0	246.2	240.9	239.9	239.9	242.0	243.6
35°	1305.2	1137.1	460.1	279.2	247.8	234.5	226.0	221.3	221.8	225.0	226.6
37.5°	1369.0	1174.3	435.1	287.2	245.7	221.3	207.4	201.6	197.9	201.6	200.5
40°	1452.5	1229.1	417.0	293.6	243.1	205.8	187.2	177.6	170.7	172.9	171.8
42.5°	1575.4	1315.3	410.1	294.1	237.2	187.7	166.5	153.7	143.6	144.1	142.0
45°	1747.7	1451.4	445.7	287.2	224.4	168.1	144.7	127.6	121.3	119.7	117.5
47.5°	1983.8	1649.8	528.1	272.8	205.8	148.9	123.4	109.0	104.2	101.6	100.0
50°	2300.3	1904.6	619.6	256.9	187.2	130.8	105.8	96.8	93.6	90.9	90.4
52.5°	2667.3	2163.1	694.6	240.9	168.6	114.9	94.7	89.4	86.7	84.6	84.0
55°	3003.9	2341.2	690.4	223.9	150.5	102.1	86.7	83.5	80.3	78.2	77.1
57.5°	3213.5	2366.2	569.1	205.3	129.8	92.0	79.2	77.1	73.4	70.7	70.2
60°	3309.7	2223.7	398.9	180.8	109.0	82.4	71.3	70.2	65.4	61.7	60.6
62.5°	3327.3	1958.8	265.9	150.5	90.9	73.4	63.3	61.7	55.3	48.9	45.7
65°	3256.0	1580.1	184.0	117.5	77.7	63.8	54.2	51.1	44.1	37.8	35.6
67.5°	3030.5	1109.5	128.2	84.6	66.0	50.5	43.1	42.0	36.7	31.4	29.8
70°	2617.3	632.4	85.6	63.3	52.1	34.6	34.0	35.1	29.8	25.5	23.4
72.5°	*2006.7*	*289.3*	*53.2*	*46.3*	*35.6*	*23.4*	*27.1*	*27.7*	*22.9*	*19.1*	*17.0*
75°	1181.3	123.9	33.5	29.8	18.1	15.4	19.7	20.2	15.4	12.2	10.6
77.5°	402.1	46.8	21.3	17.6	9.0	8.5	12.8	12.8	8.5	4.8	3.7
80°	91.5	17.6	10.6	6.9	4.3	3.7	4.3	3.7	2.1	0.5	0.0
82.5°	26.1	6.9	4.3	2.7	1.6	1.6	0.5	0.0	0.0	0.0	0.0
85°	7.4	3.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	0.5	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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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

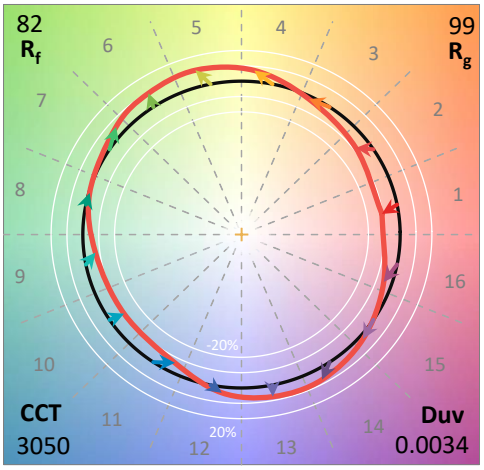
Test Information

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

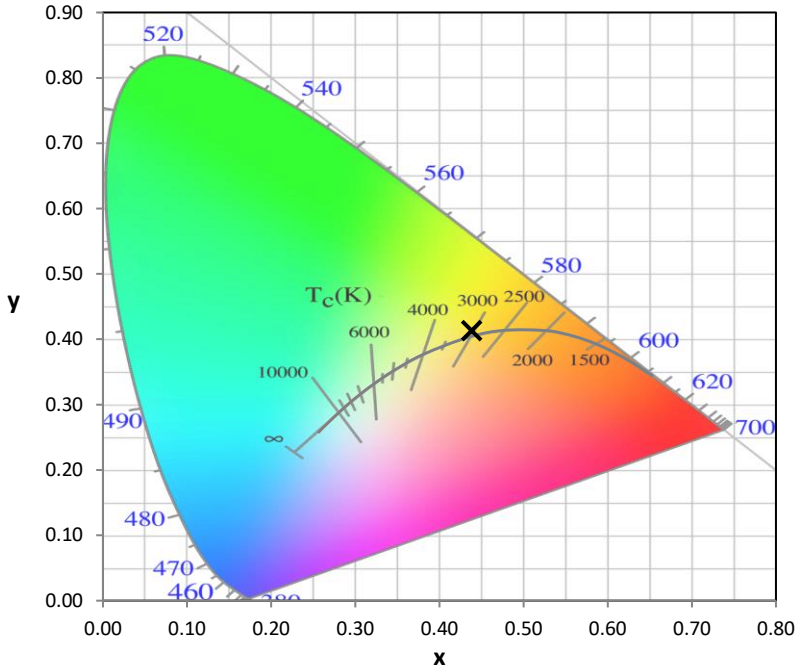
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

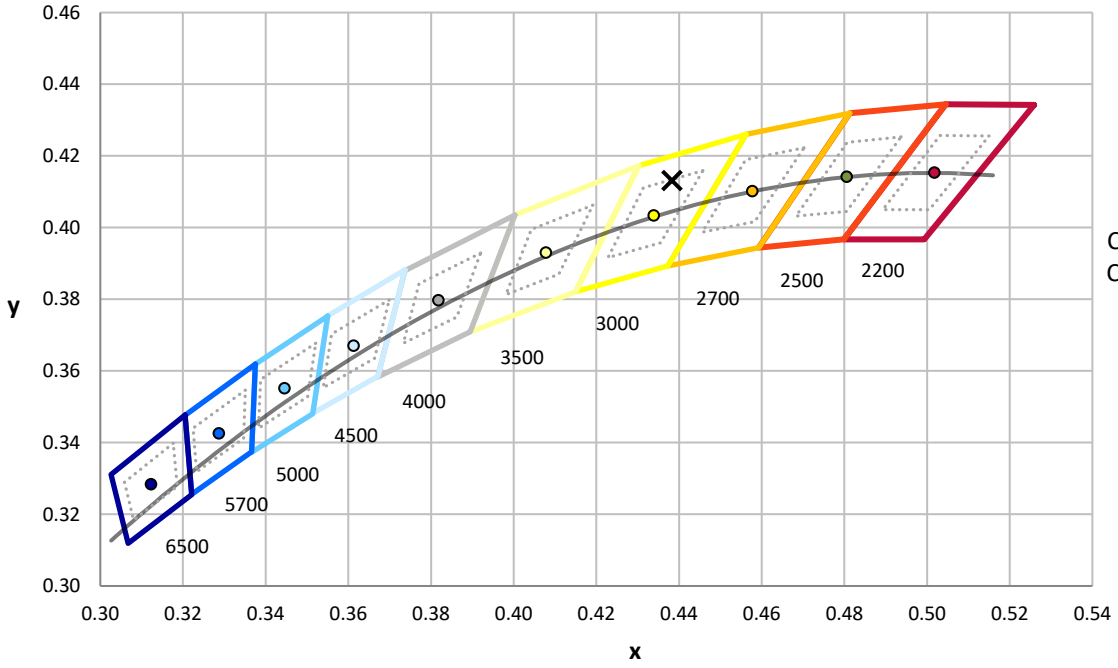
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

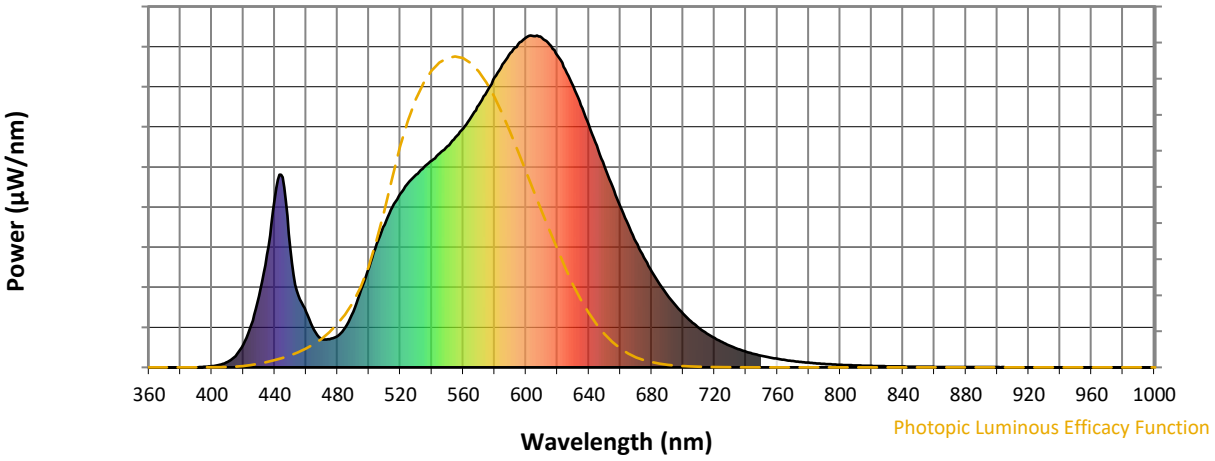


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

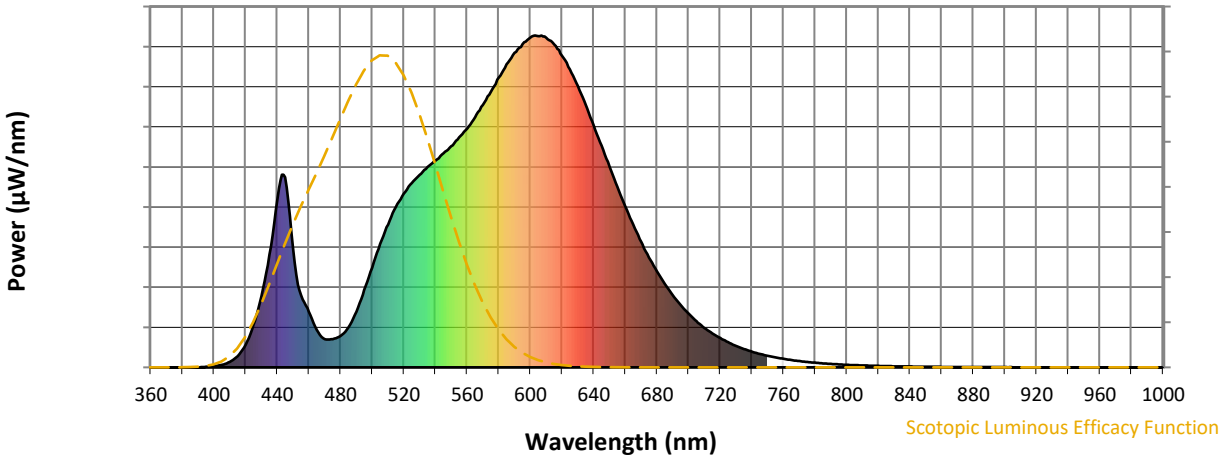


Photopic Lumens: NR

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

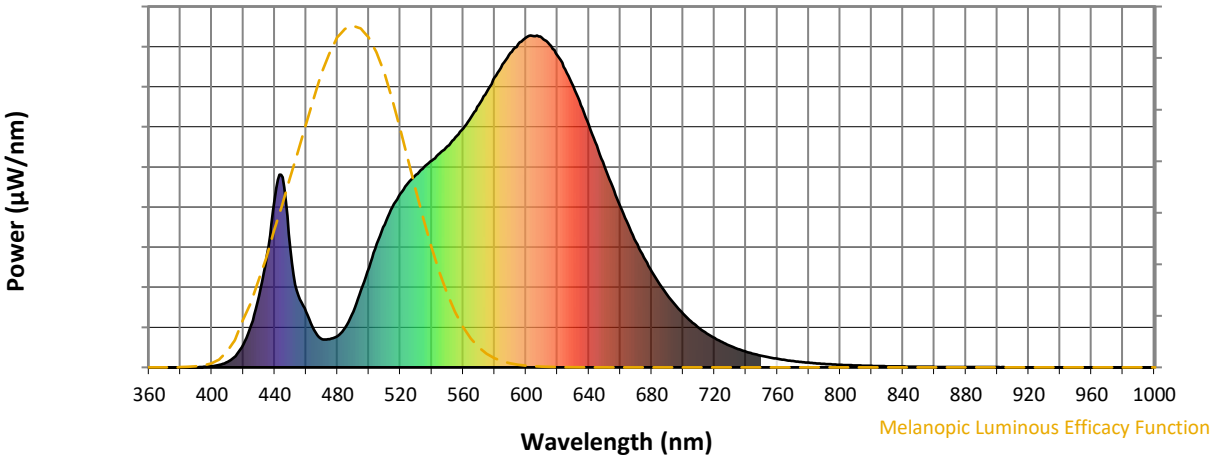


Scotopic Lumens: NR **S/P: 1.27**

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			

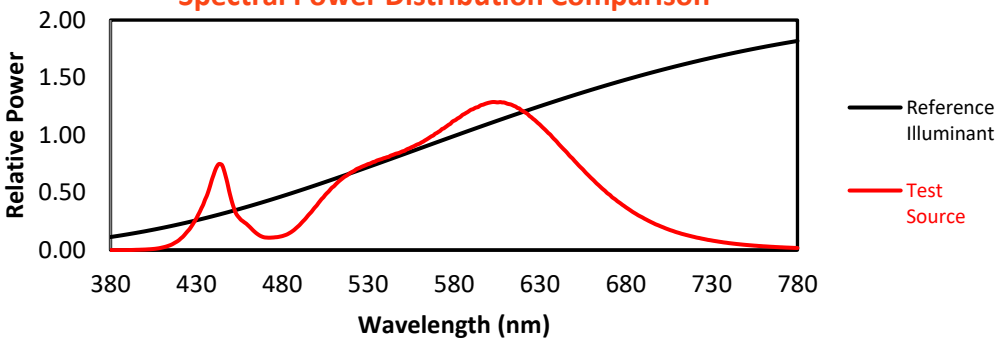
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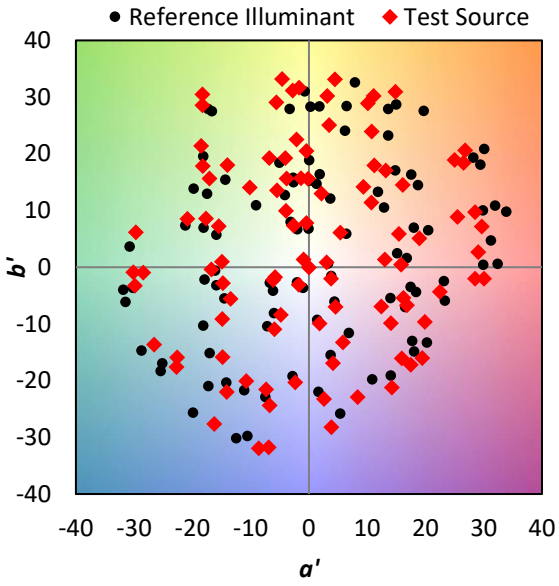
Summary

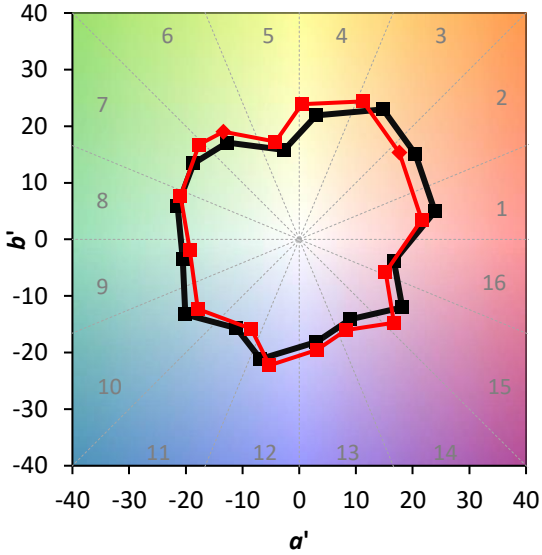
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

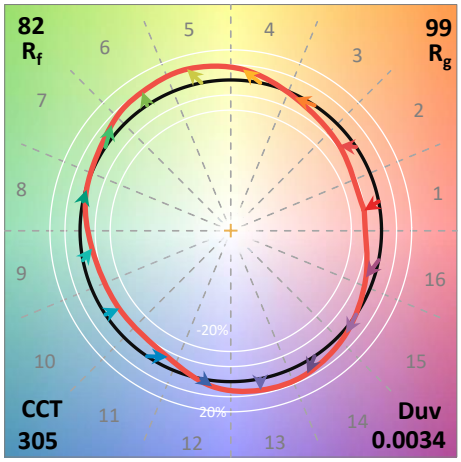
Spectral Power Distribution Comparison

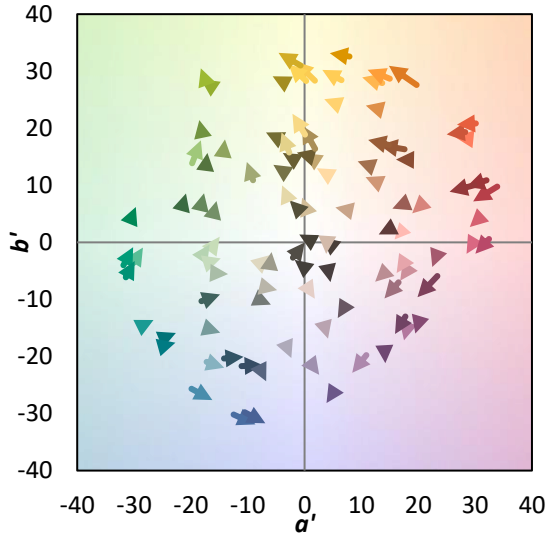


Color Vector Graphics







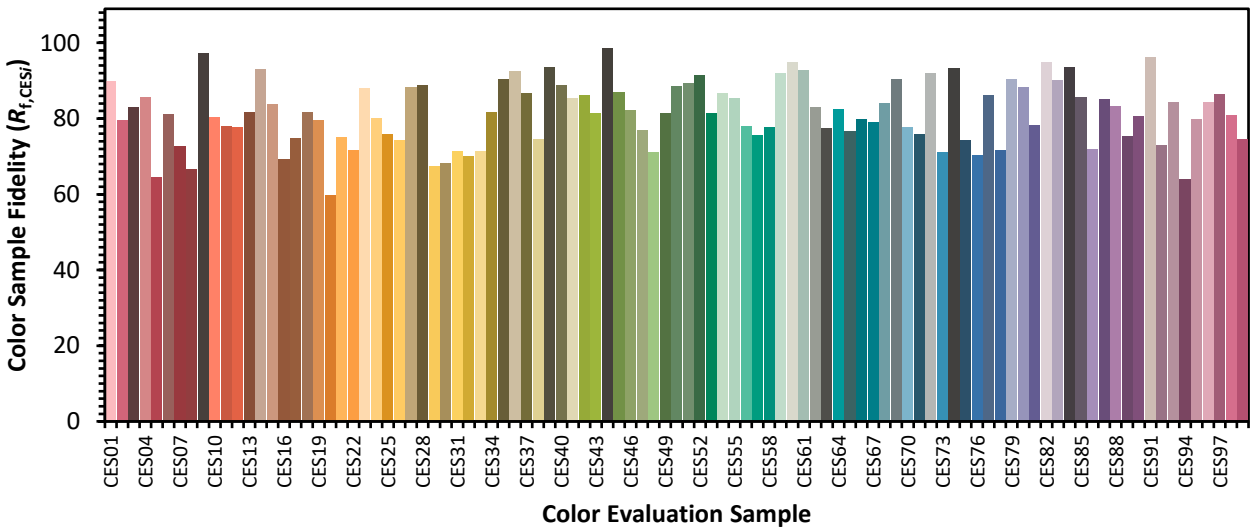


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Individual Sample Fidelity Index ($R_{f,i}$)

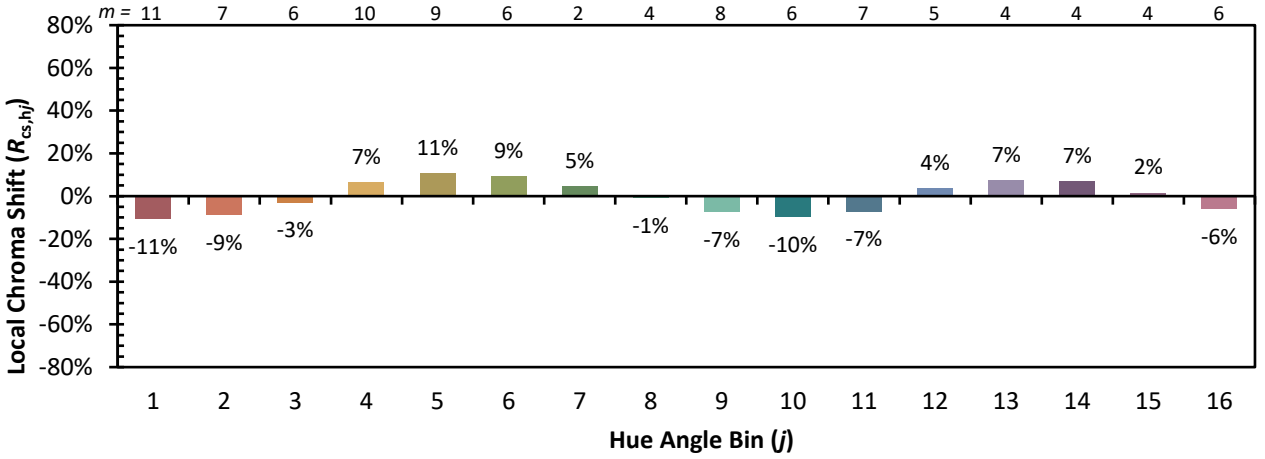
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

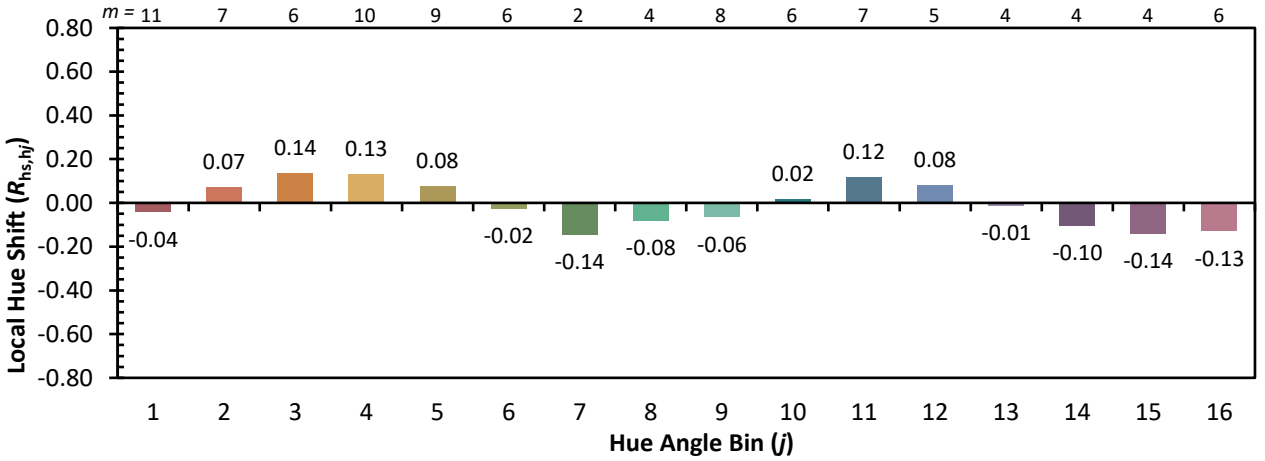


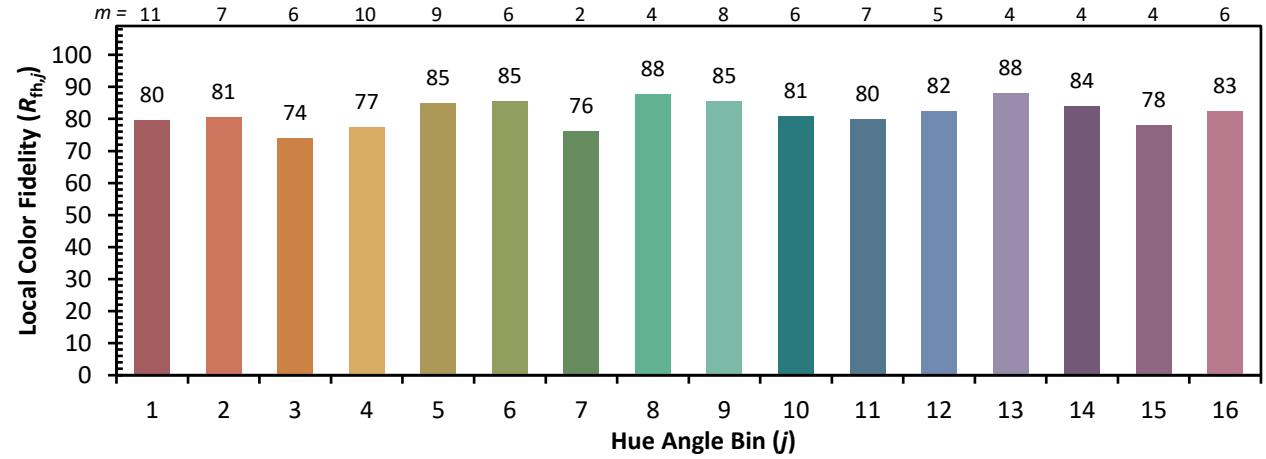
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Color Rendition by Hue-Angle Bin



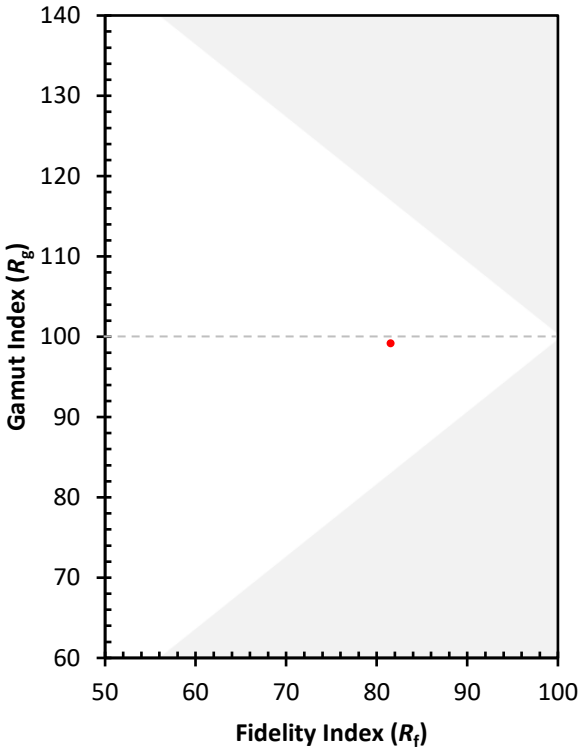


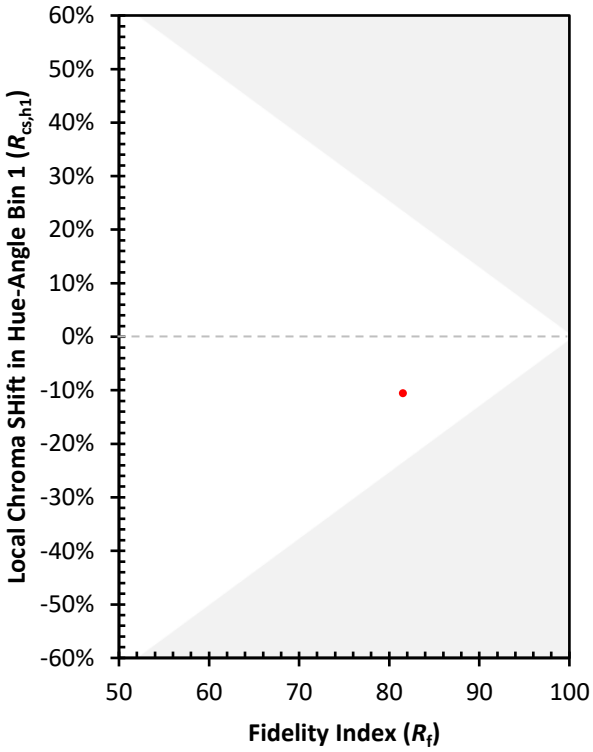


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Measure Comparisons





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