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: P1202370

Luminaire Tested: GWC-SB1D-830-U-T2-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:	P1202370
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-830-U-T2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6712 lumens
Efficiency:	N/A
Efficacy:	84.3 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):	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

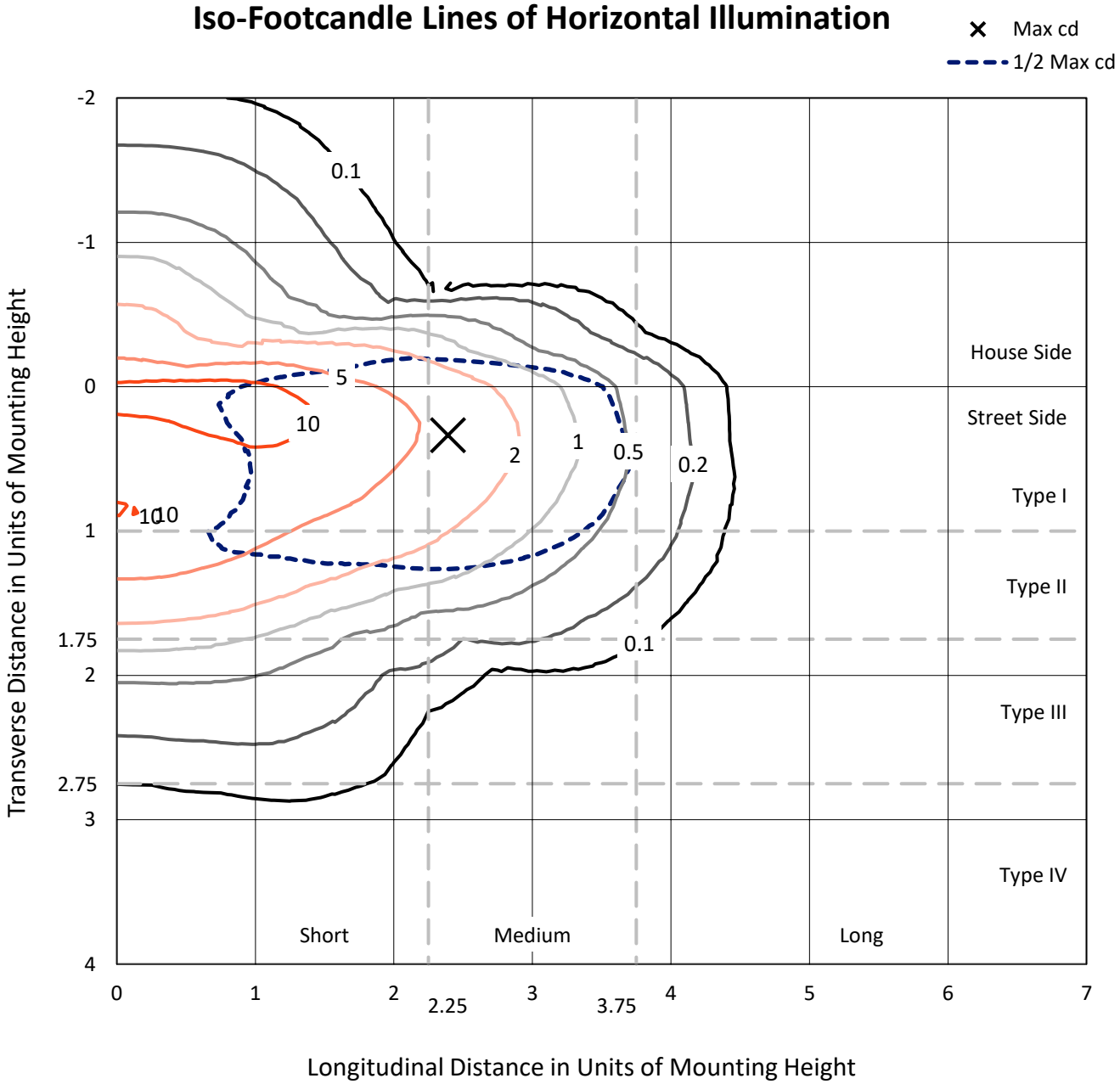


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Scaled Data Report

REPORT NUMBER: P1202370
CATALOG NUMBER: GWC-SB1D-830-U-T2-HSS

Iso-Footcandle Lines of Horizontal Illumination



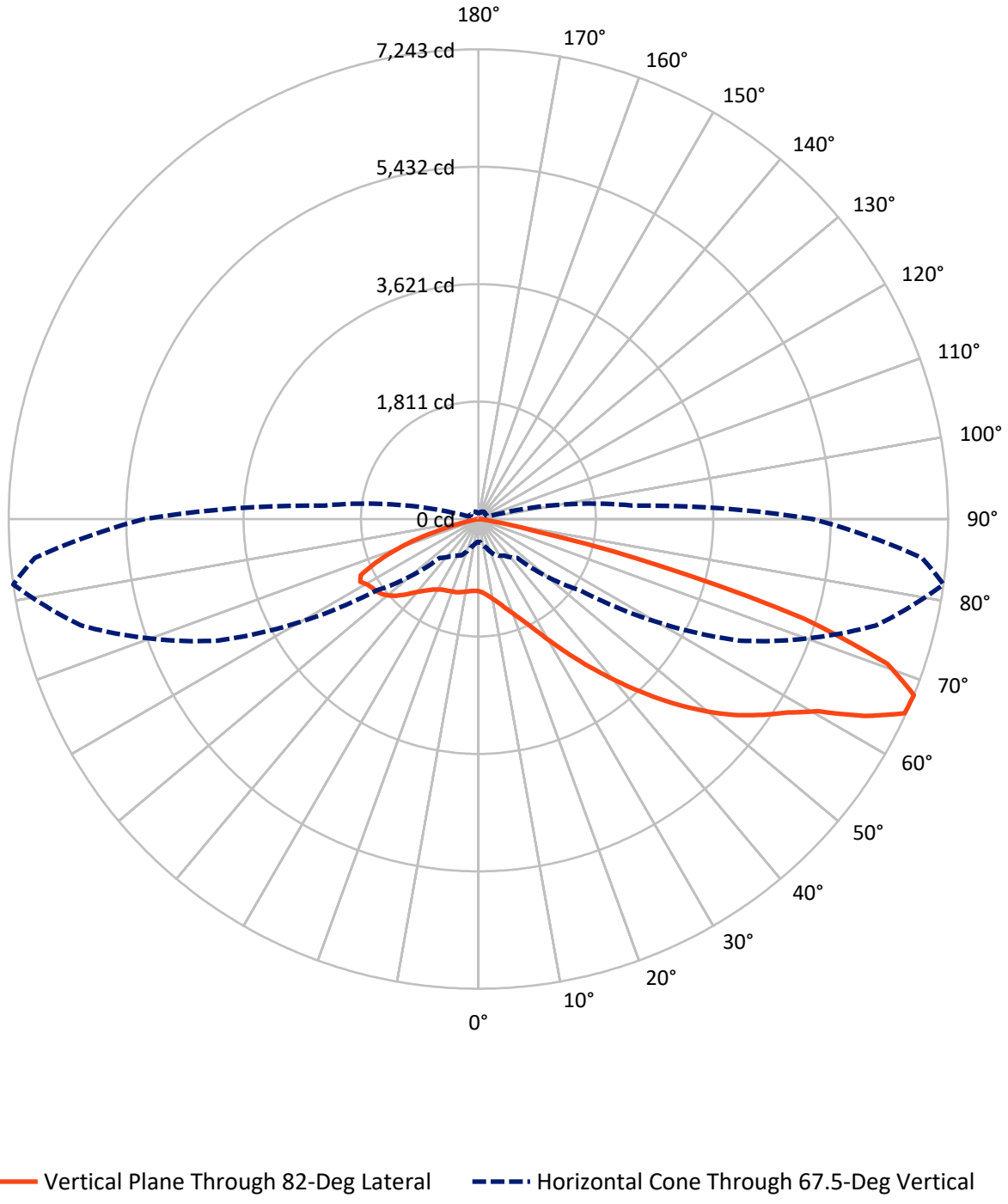
Based on 10 foot mounting height. Maximum calculated value = 15.6 fc
Type II - Medium - N/A

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REPORT NUMBER: P1202370
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Luminous Intensity Polar Plot



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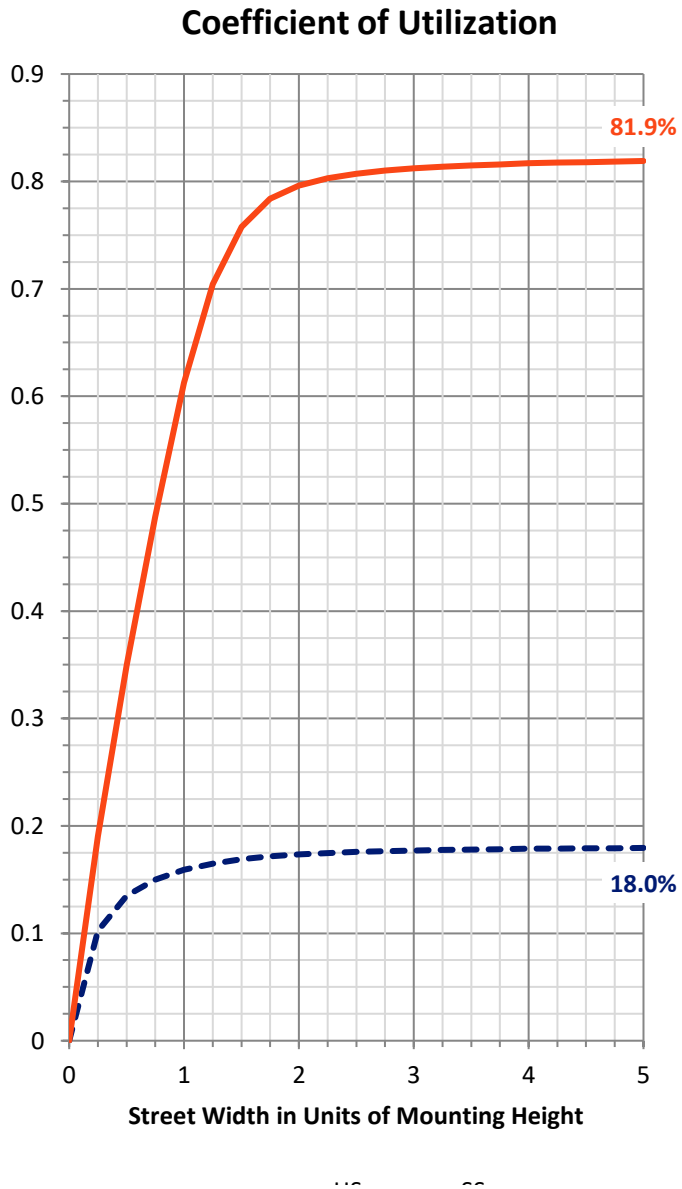
REPORT NUMBER: P1202370
CATALOG NUMBER: GWC-SB1D-830-U-T2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1215.8	0.0	1215.8
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	5496.2	0.0	5496.2
	% Fixture	81.9	0.0	81.9
Total	Lumens	6712.0	0.0	6712.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.1	1.5
10°-20°	257.4	3.8
20°-30°	412.3	6.1
30°-40°	729.1	10.9
40°-50°	1277.5	19.0
50°-60°	1703.8	25.4
60°-70°	1586.2	23.6
70°-80°	608.8	9.1
80°-90°	37.8	0.6
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°	6712.0	100.0
0°-180°	6712.0	100.0



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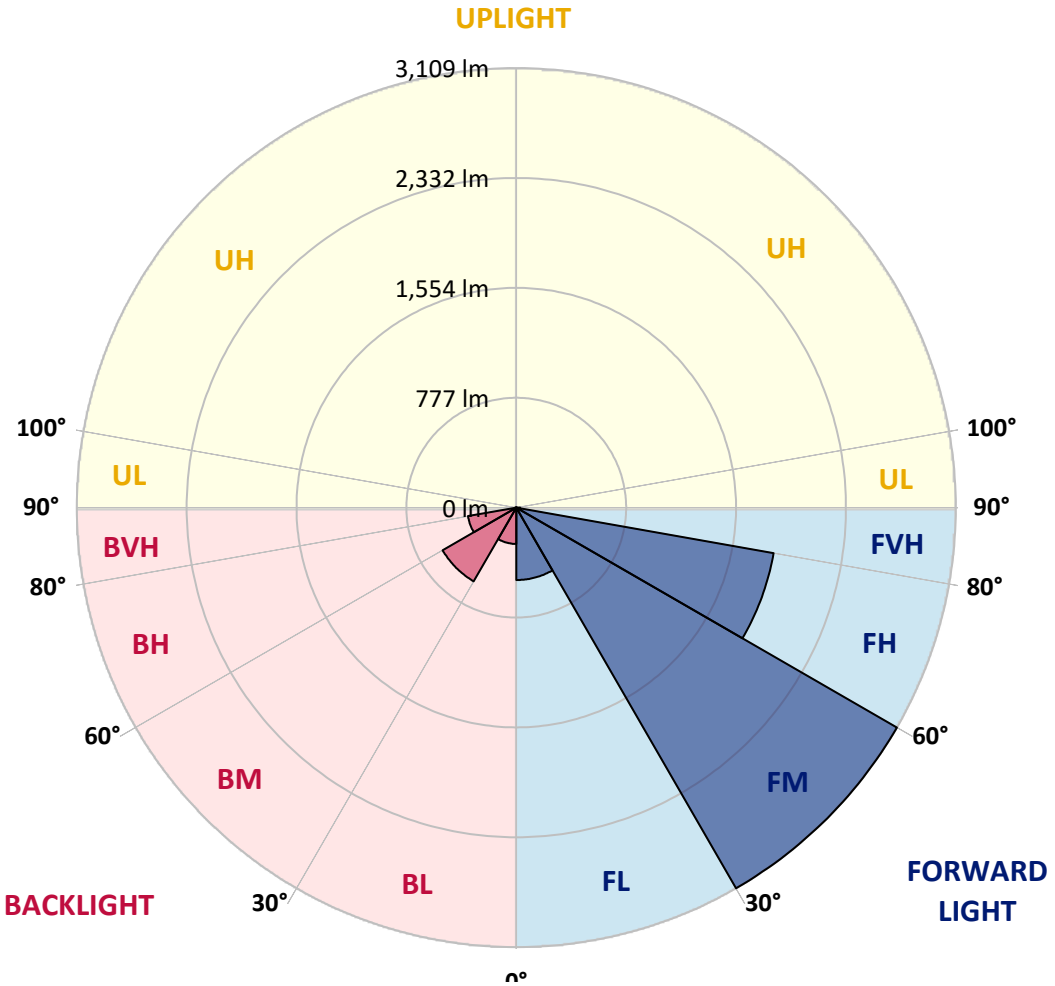
Scaled Data Report

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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	512.1	7.6			
FM	(30°-60°)	3108.7	46.3			
FH	(60°-80°)	1847.9	27.5			G2/5000
FVH	(80°-90°)	27.5	0.4			G1/100
BL	(0°-30°)	256.8	3.8	B1/500		
BM	(30°-60°)	601.7	9.0	B1/1000		
BH	(60°-80°)	347.0	5.2	B1/500		G1/500
BVH	(80°-90°)	10.3	0.2			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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REPORT NUMBER: P1202370
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0	*1112.0*	1112.0
2.5°	1175.3	1182.0	1178.2	1176.2	1172.8	1168.0	1164.1	1152.1	1139.5	*1131.3*	1128.4
5°	1198.9	1205.7	1205.2	1207.2	1209.6	1211.0	1210.1	1196.5	1178.6	*1164.6*	1156.4
7.5°	1178.6	1186.4	1192.7	1202.3	1219.2	1237.1	1245.8	1242.9	1224.5	*1205.2*	1195.1
10°	1121.1	1129.3	1144.3	1167.0	1202.8	1241.5	1273.8	1288.8	1277.2	*1256.0*	1241.9
12.5°	1015.8	1024.0	1053.5	1102.8	1162.7	1229.9	1291.7	1331.8	1334.7	*1313.5*	1297.0
15°	897.4	905.6	937.0	998.9	1090.2	1198.0	1301.4	1377.3	1402.9	*1384.5*	1364.7
17.5°	823.9	831.2	854.9	904.6	999.8	1134.2	1298.0	1425.6	1484.1	*1469.6*	1445.9
20°	801.7	808.0	819.1	853.9	933.1	1068.0	1275.8	1471.0	1571.5	*1563.3*	1536.7
22.5°	825.4	831.2	834.6	850.0	899.8	1024.5	1247.7	1517.4	1673.0	*1674.0*	1641.6
25°	880.0	885.8	881.9	891.6	913.3	1011.0	1237.1	1572.0	1800.6	*1811.2*	1774.5
27.5°	969.9	970.4	961.2	960.7	964.1	1031.2	1248.2	1630.5	1961.5	*1981.3*	1935.9
30°	1150.1	1142.9	1107.6	1069.4	1052.0	1092.1	1279.2	1699.6	2151.4	*2186.7*	2129.7
32.5°	1428.0	1417.4	1352.6	1261.3	1169.5	1190.2	1334.7	1778.3	2358.2	*2422.0*	2352.4
35°	1729.5	1726.6	1659.0	1523.2	1362.8	1329.9	1425.1	1881.8	2583.9	*2685.4*	2602.8
37.5°	2009.8	2008.4	1969.7	1809.8	1614.5	1524.6	1570.1	2017.1	2825.5	*2972.5*	2874.8
40°	2265.9	2270.3	2231.6	2088.6	1891.9	1774.5	1767.2	2184.3	3094.2	*3285.1*	3169.1
42.5°	2487.3	2492.1	2453.0	2347.1	2165.9	2050.9	2009.3	2389.2	3356.6	*3621.0*	3483.7
45°	2637.6	2667.5	2661.7	2577.2	2447.2	2327.8	2300.3	2646.3	3655.8	*3977.1*	3816.2
47.5°	2680.1	2707.6	2751.1	2762.7	2683.5	2566.0	2598.9	2956.0	3958.3	*4333.8*	4150.6
50°	2575.2	2600.8	2691.2	2811.5	2866.6	2830.4	2889.3	3288.0	4268.0	*4689.4*	4478.7
52.5°	2368.4	2394.5	2508.5	2698.9	2923.6	3037.7	3180.7	3615.2	4568.1	*5026.3*	4789.5
55°	2069.3	2096.8	2243.2	2458.8	2814.9	3123.2	3423.8	3941.8	4843.1	*5329.2*	5069.7
57.5°	1662.4	1682.7	1834.9	2136.4	2541.4	3038.2	3603.1	4298.5	5102.1	*5626.9*	5347.6
60°	1083.4	1101.3	1278.2	1614.5	2088.1	2754.0	3638.8	4696.2	5446.2	*6014.0*	5722.1
62.5°	720.5	732.6	837.5	1084.4	1470.5	2208.4	3429.6	5013.7	5950.7	*6687.7*	6364.4
65°	494.4	506.4	611.3	783.3	950.1	1460.9	2828.0	4971.6	6407.9	*7222.6*	6840.4
67.5°	*352.8*	*362.9*	*451.8*	*614.2*	*687.7*	*848.6*	*1917.0*	*4434.3*	*6342.1*	*7242.9*	*6866.0*
70°	252.7	258.5	332.0	478.4	546.6	509.8	1066.0	3391.4	5553.0	*6688.1*	6343.1
72.5°	176.9	178.8	230.5	364.4	440.2	372.1	507.4	2261.1	4199.9	*5249.5*	4917.5
75°	119.8	122.3	155.1	267.2	353.3	284.1	268.7	1212.5	2465.5	*2905.8*	2604.7
77.5°	73.5	74.4	100.0	182.7	264.3	216.5	173.0	513.7	953.9	*936.5*	798.3
80°	41.6	41.6	63.8	113.6	180.3	139.7	121.3	218.4	302.0	*265.3*	233.9
82.5°	23.2	23.7	46.4	70.6	119.4	82.6	66.7	101.0	130.5	*115.5*	100.5
85°	9.7	10.6	28.5	33.3	57.0	41.1	27.1	42.5	48.3	*43.0*	31.4
87.5°	1.0	1.4	8.7	6.3	6.8	8.2	3.9	8.2	6.8	*6.8*	4.8
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: P1202370
CATALOG NUMBER: GWC-SB1D-830-U-T2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0	1112.0
2.5°	1119.2	1112.0	1093.6	1072.3	1044.3	1030.8	1012.4	999.8	989.2	990.2	980.5
5°	1140.9	1122.6	1081.5	1030.3	966.5	921.1	872.7	839.4	812.3	806.5	793.5
7.5°	1170.9	1141.9	1069.9	977.6	869.8	788.2	715.2	668.3	635.0	624.4	613.7
10°	1209.6	1167.5	1054.9	911.4	756.3	652.4	574.1	537.4	514.7	506.9	501.1
12.5°	1254.5	1197.0	1035.1	830.7	639.3	539.3	489.5	471.2	463.9	461.5	460.1
15°	1311.0	1233.7	1005.2	735.0	540.3	470.2	448.9	446.5	447.5	446.5	446.0
17.5°	1378.2	1273.8	956.3	636.4	473.6	434.9	427.2	429.1	431.5	431.1	430.1
20°	1451.7	1313.5	894.0	549.0	428.2	409.8	405.4	407.4	409.3	408.3	407.9
22.5°	1535.3	1356.0	824.9	480.8	397.7	386.6	381.8	382.2	382.2	380.3	379.3
25°	1635.3	1402.9	752.4	432.5	374.5	365.8	360.0	358.1	355.2	349.4	348.4
27.5°	1754.7	1452.6	682.8	398.7	356.2	347.9	341.2	336.3	329.1	319.4	318.5
30°	1889.0	1513.0	623.9	377.4	341.7	333.4	325.7	318.5	307.8	295.7	294.8
32.5°	2047.0	1577.8	580.9	363.4	328.6	319.9	310.7	302.0	290.4	278.4	278.8
35°	2235.5	1656.1	555.7	353.7	318.5	306.9	296.7	287.0	278.4	267.7	266.8
37.5°	2439.9	1739.2	548.0	348.9	311.7	293.8	282.2	275.5	274.5	268.2	267.7
40°	2663.7	1837.8	553.8	346.0	304.4	281.2	268.7	267.2	269.7	258.5	259.0
42.5°	2900.4	1954.7	563.5	342.6	294.3	268.7	256.6	256.6	254.7	239.2	239.2
45°	3156.6	2089.6	573.1	334.4	282.2	256.1	246.9	243.6	235.3	220.4	219.9
47.5°	3414.6	2226.8	580.4	319.4	267.7	245.5	237.3	229.5	217.5	203.9	203.4
50°	3659.6	2350.0	572.6	297.2	251.3	235.3	226.6	216.0	203.0	193.8	192.3
52.5°	3878.5	2456.8	539.8	271.1	233.9	224.7	217.0	205.9	195.2	185.6	184.6
55°	4068.9	2543.3	481.8	246.5	218.4	215.5	207.8	193.8	179.3	171.1	170.1
57.5°	4251.6	2609.1	409.3	226.2	204.4	205.4	193.8	181.2	167.7	159.0	158.0
60°	4494.7	2697.0	335.9	207.3	189.4	192.3	179.8	170.6	153.7	142.6	141.1
62.5°	4883.2	2833.8	266.8	184.1	172.0	173.0	167.7	156.6	136.3	123.2	122.3
65°	5191.5	2783.5	210.2	159.0	152.2	153.7	153.7	141.6	119.8	104.9	103.4
67.5°	*5156.7*	*2383.4*	*167.7*	*134.3*	*133.4*	*134.3*	*137.7*	*127.6*	*106.3*	*94.2*	*92.3*
70°	4750.3	1895.8	134.3	111.6	116.0	113.6	123.2	116.5	95.7	83.6	82.2
72.5°	3876.1	1365.7	102.4	92.3	88.9	92.8	111.1	104.9	79.7	66.2	64.8
75°	2265.0	728.7	76.4	73.0	64.3	77.3	98.6	89.4	60.9	48.8	47.4
77.5°	737.4	254.2	56.1	53.6	47.8	62.3	84.1	75.4	49.8	38.7	37.2
80°	197.6	76.8	38.2	35.3	30.9	46.4	66.7	59.9	35.8	25.1	24.6
82.5°	79.3	32.4	22.2	19.8	16.9	31.9	52.7	48.3	26.6	15.9	15.9
85°	25.6	10.6	8.2	6.3	7.7	19.8	31.4	32.9	18.8	8.2	6.3
87.5°	3.4	1.4	1.4	1.9	1.4	3.4	9.7	9.2	5.3	1.0	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

0

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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

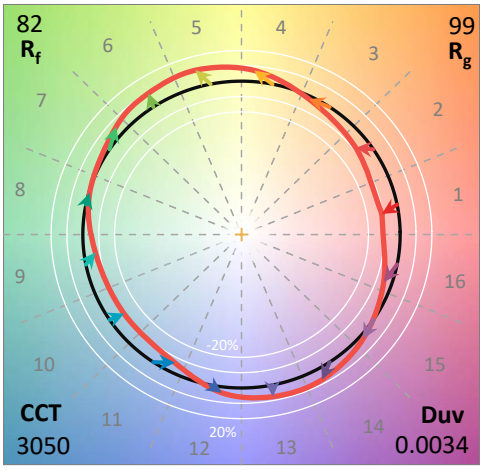
Test Information

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

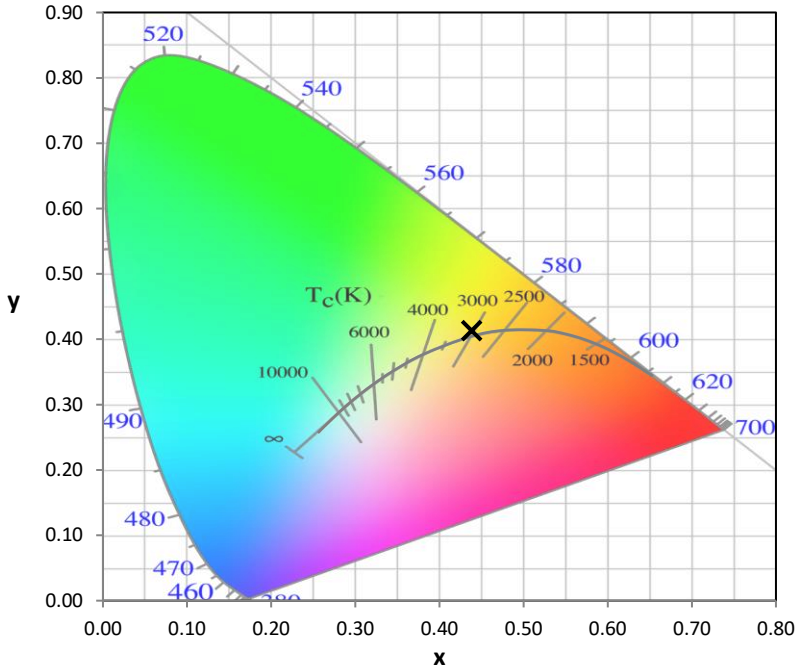
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

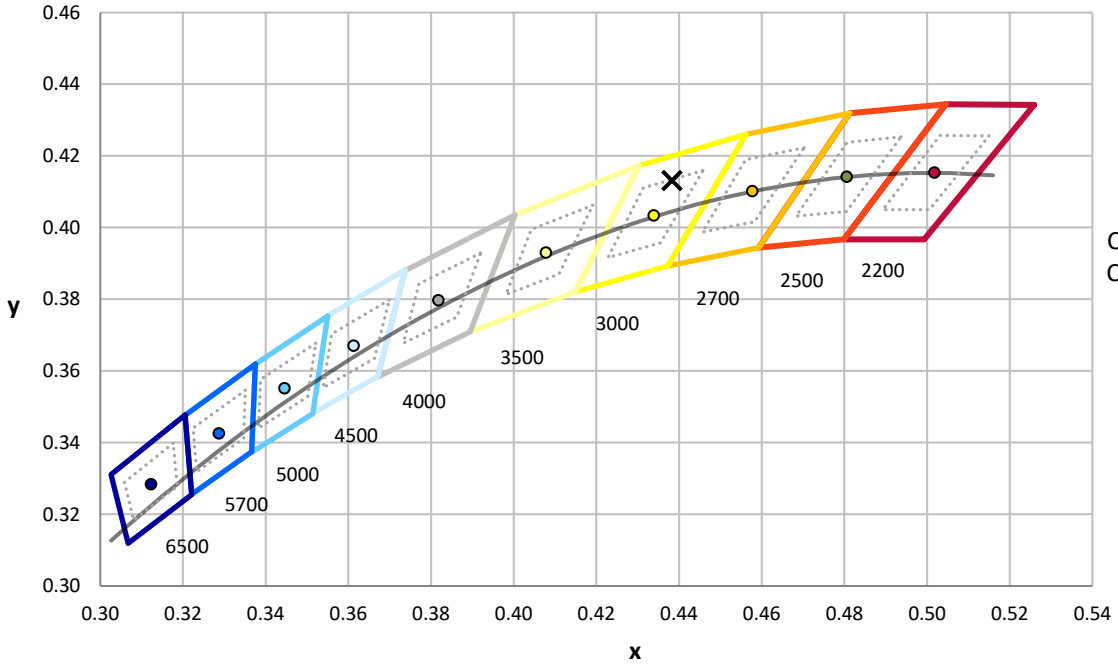
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

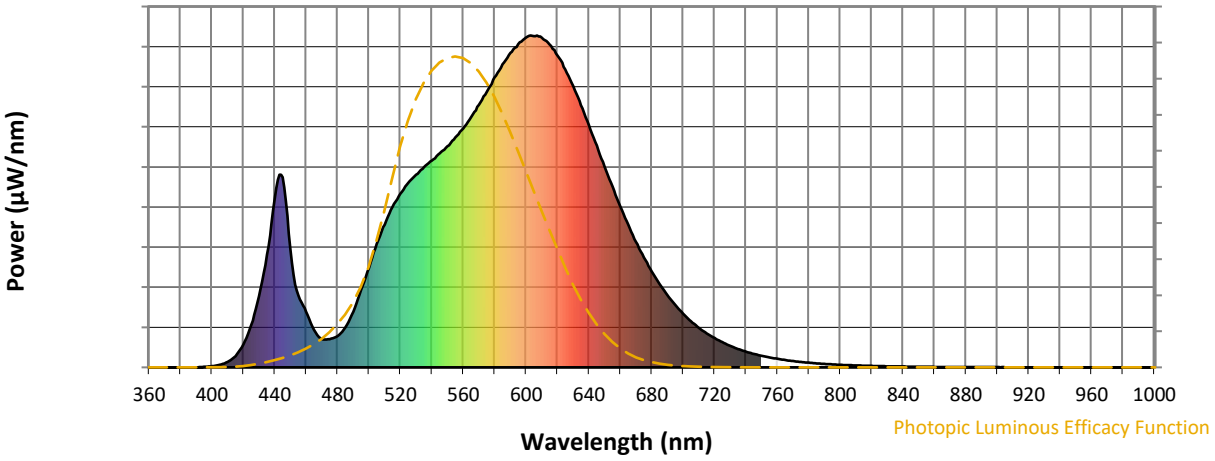


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

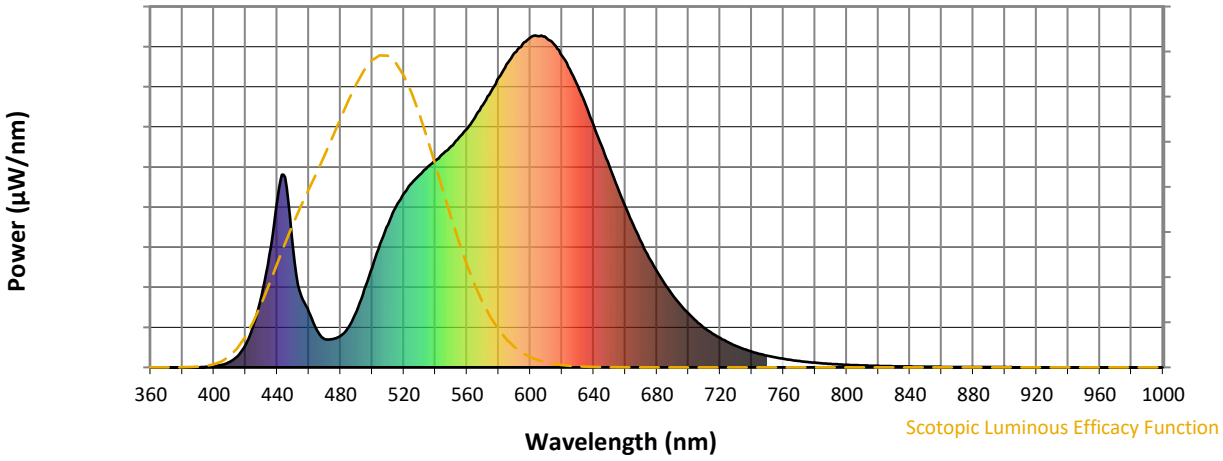


Photopic Lumens: NR

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

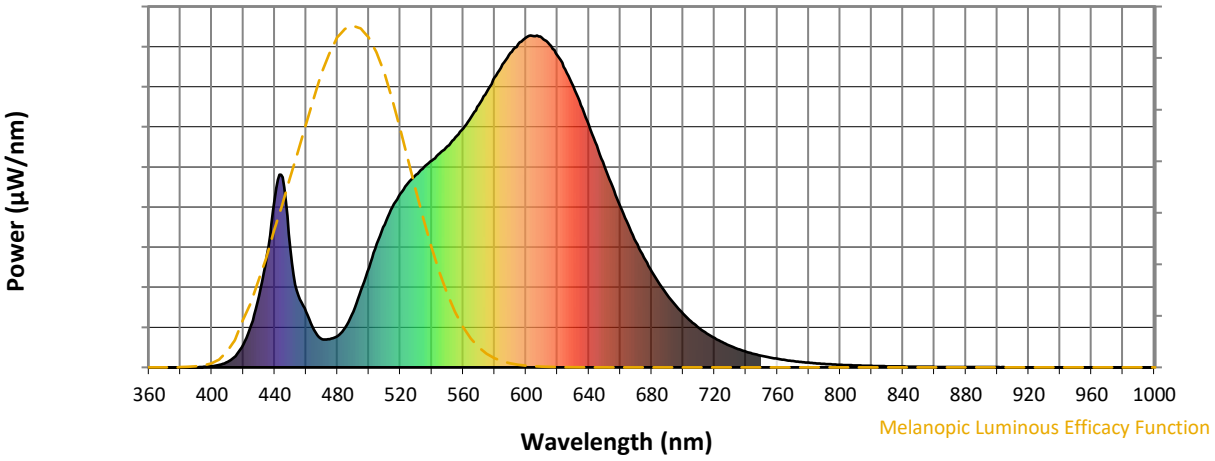


Scotopic Lumens: NR **S/P: 1.27**

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			

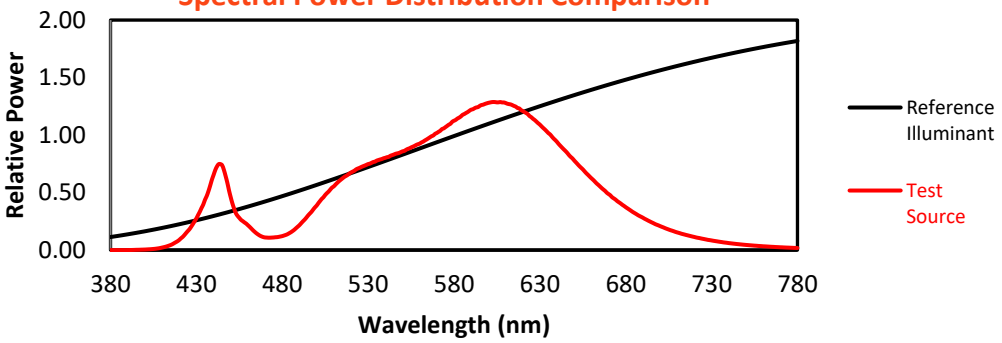
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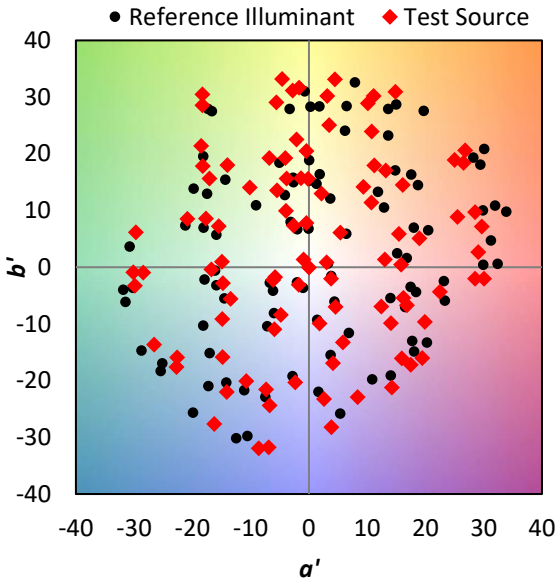
Summary

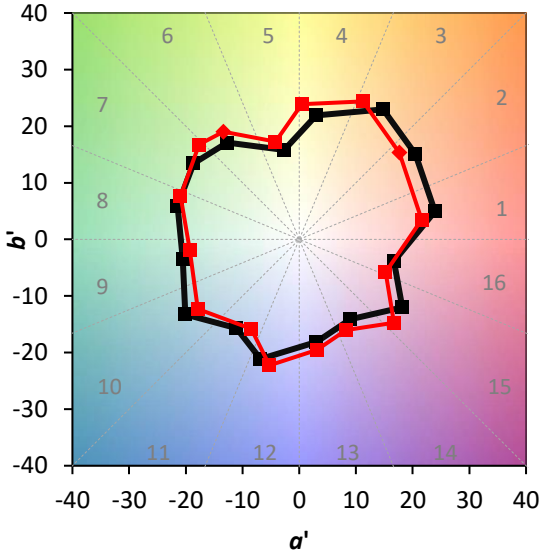
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

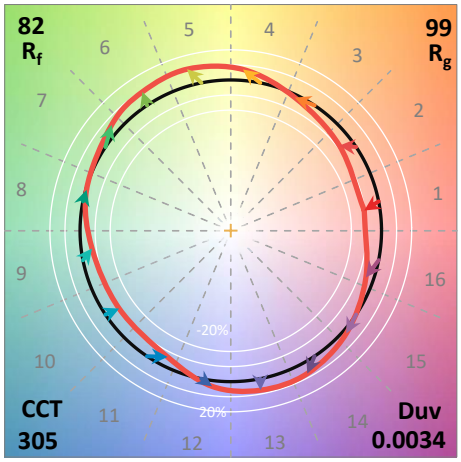
Spectral Power Distribution Comparison

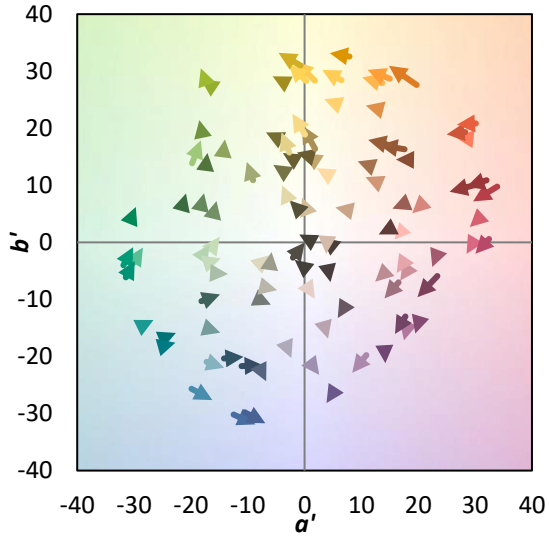


Color Vector Graphics







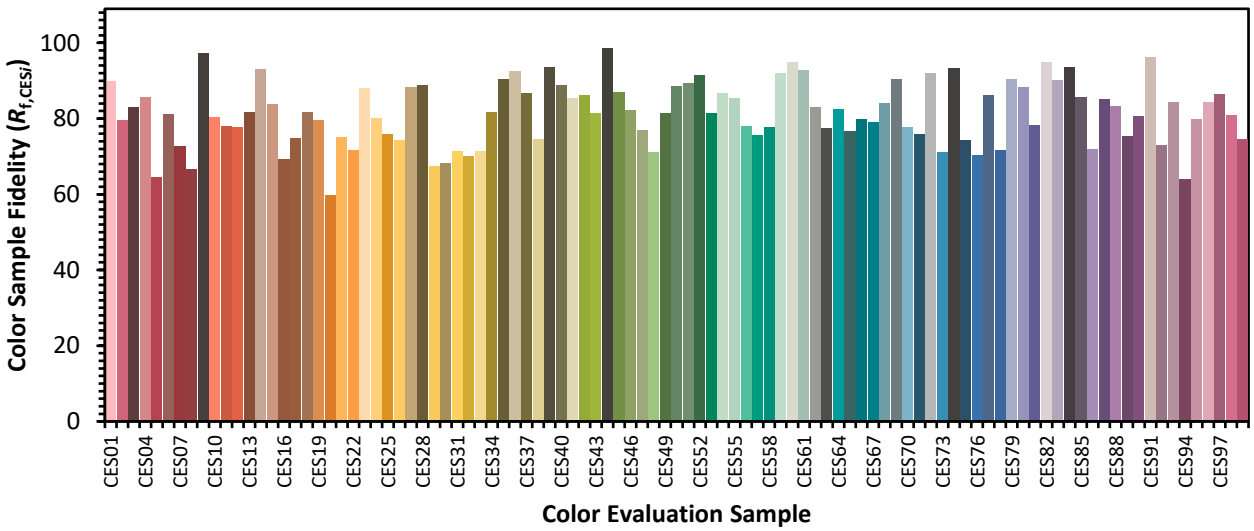


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Individual Sample Fidelity Index ($R_{f,i}$)

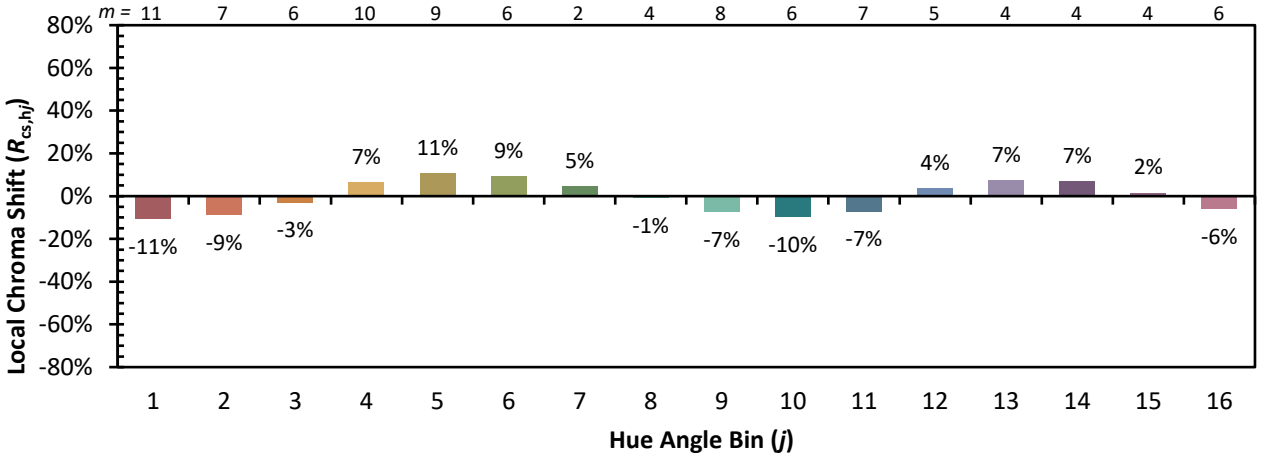
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

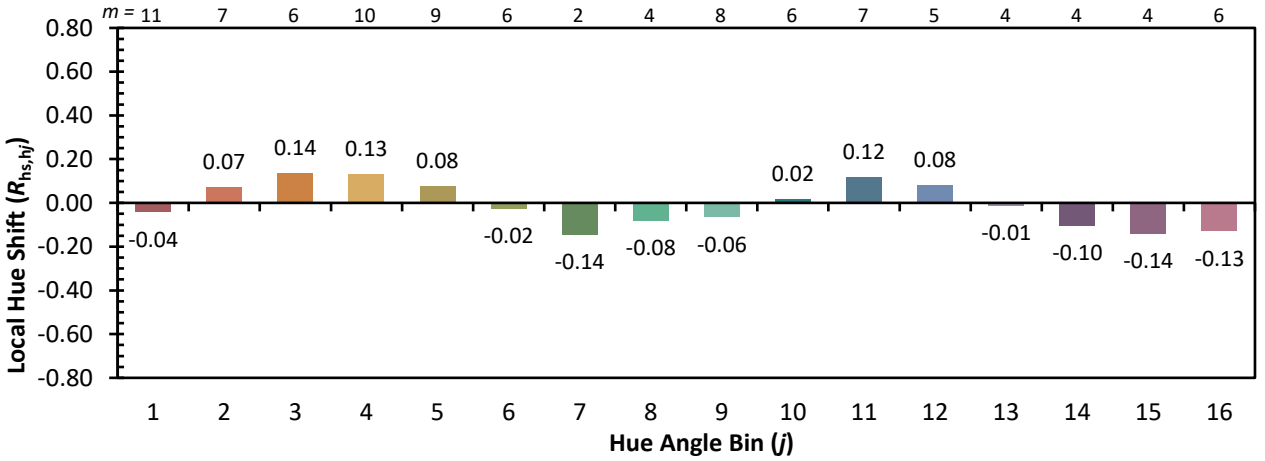


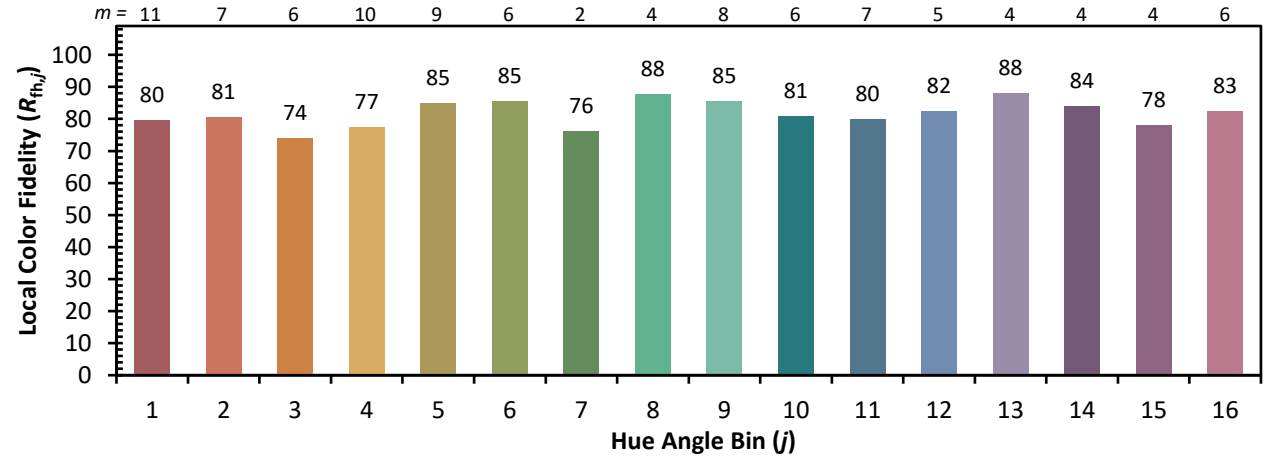
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Color Rendition by Hue-Angle Bin



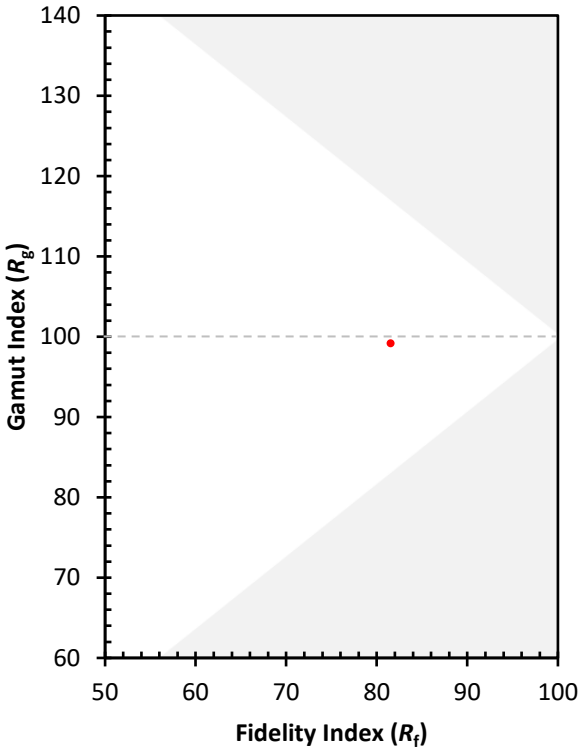


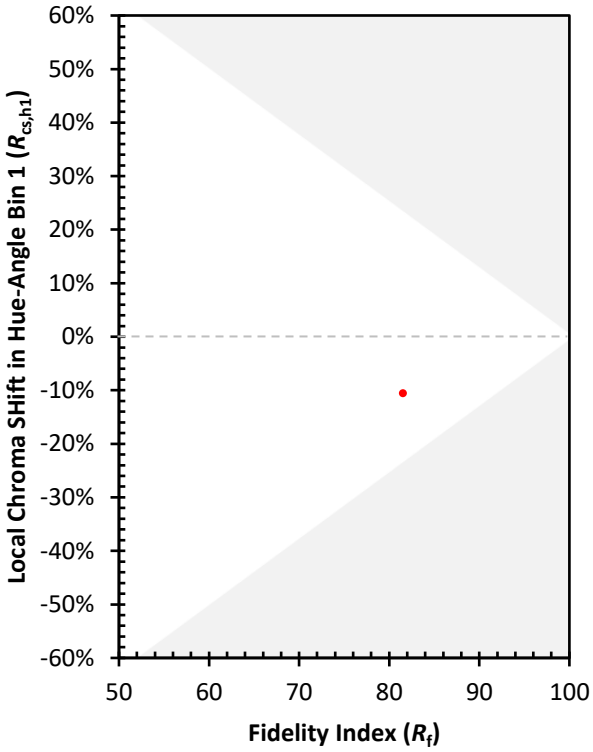


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Measure Comparisons





(END OF REPORT)