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: P1203121

Luminaire Tested: GWC-SB2B-830-U-T3

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:	P1203121
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-830-U-T3
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10124 lumens
Efficiency:	N/A
Efficacy:	137.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

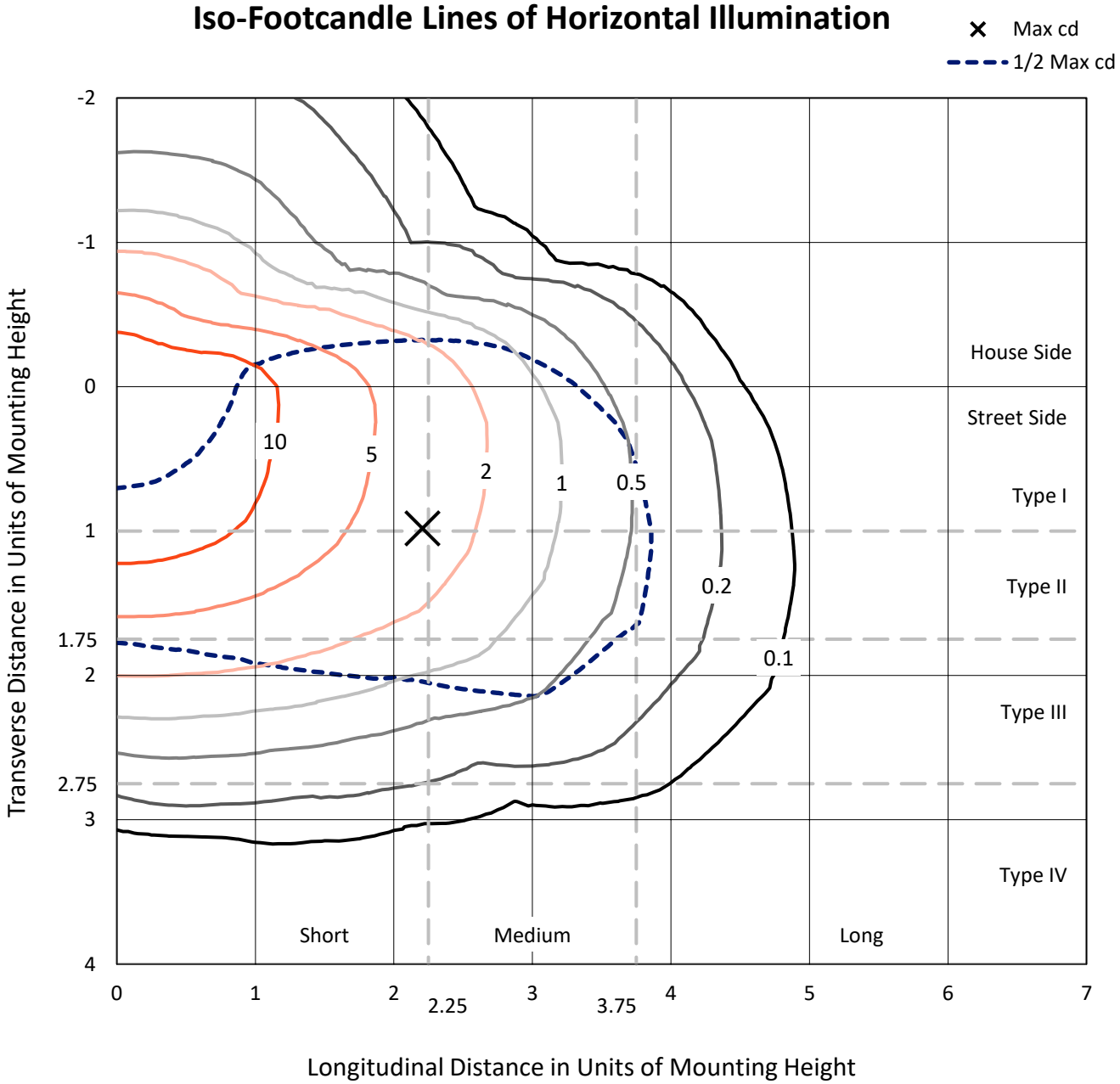


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Scaled Data Report

REPORT NUMBER: P1203121
CATALOG NUMBER: GWC-SB2B-830-U-T3

Iso-Footcandle Lines of Horizontal Illumination



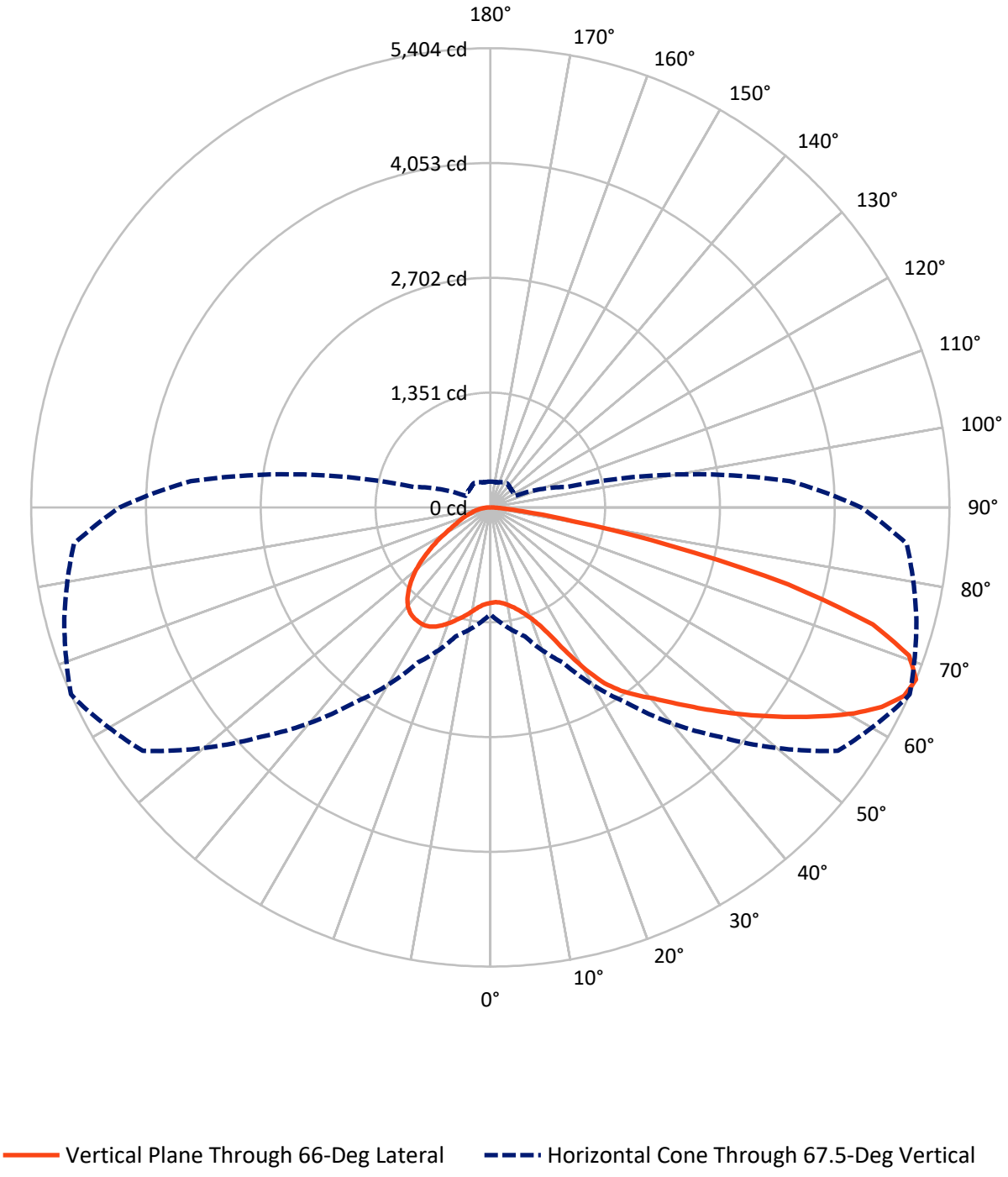
Based on 10 foot mounting height. Maximum calculated value = 14.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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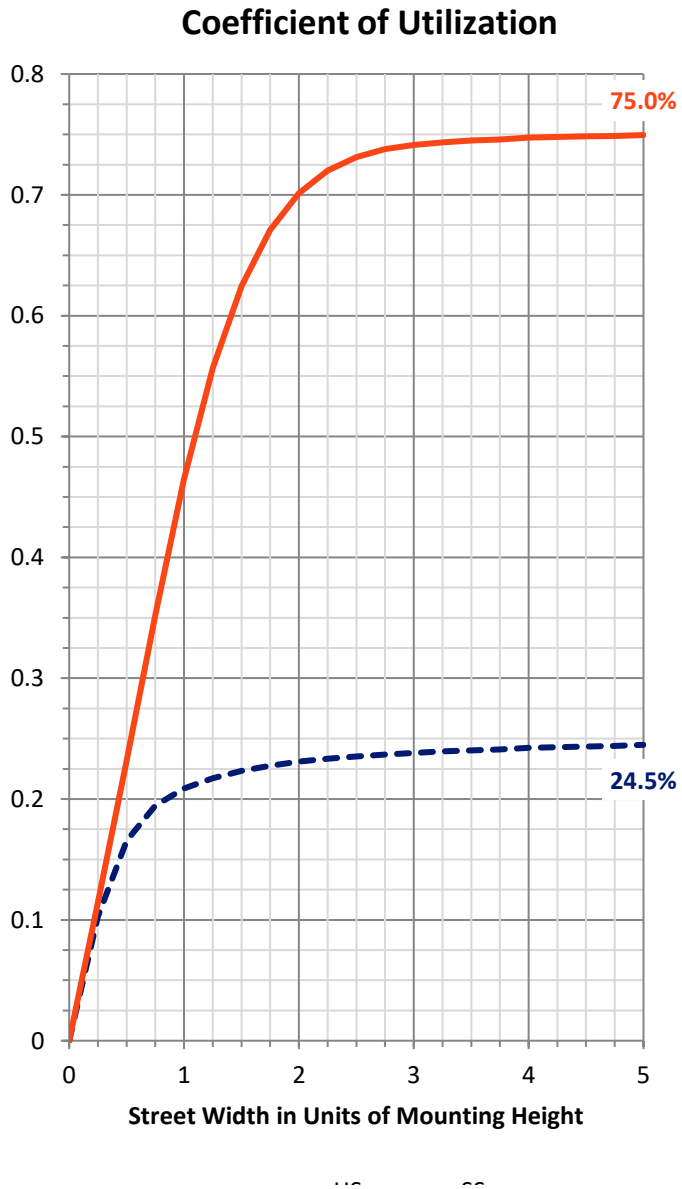
REPORT NUMBER: P1203121
CATALOG NUMBER: GWC-SB2B-830-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2517.3	0.0	2517.3
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	7606.7	0.0	7606.7
	% Fixture	75.1	0.0	75.1
Total	Lumens	10124.0	0.0	10124.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.3	1.1
10°-20°	367.8	3.6
20°-30°	708.9	7.0
30°-40°	1243.1	12.3
40°-50°	1848.0	18.3
50°-60°	2342.5	23.1
60°-70°	2292.1	22.6
70°-80°	1093.4	10.8
80°-90°	116.9	1.2
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°	10124.0	100.0
0°-180°	10124.0	100.0



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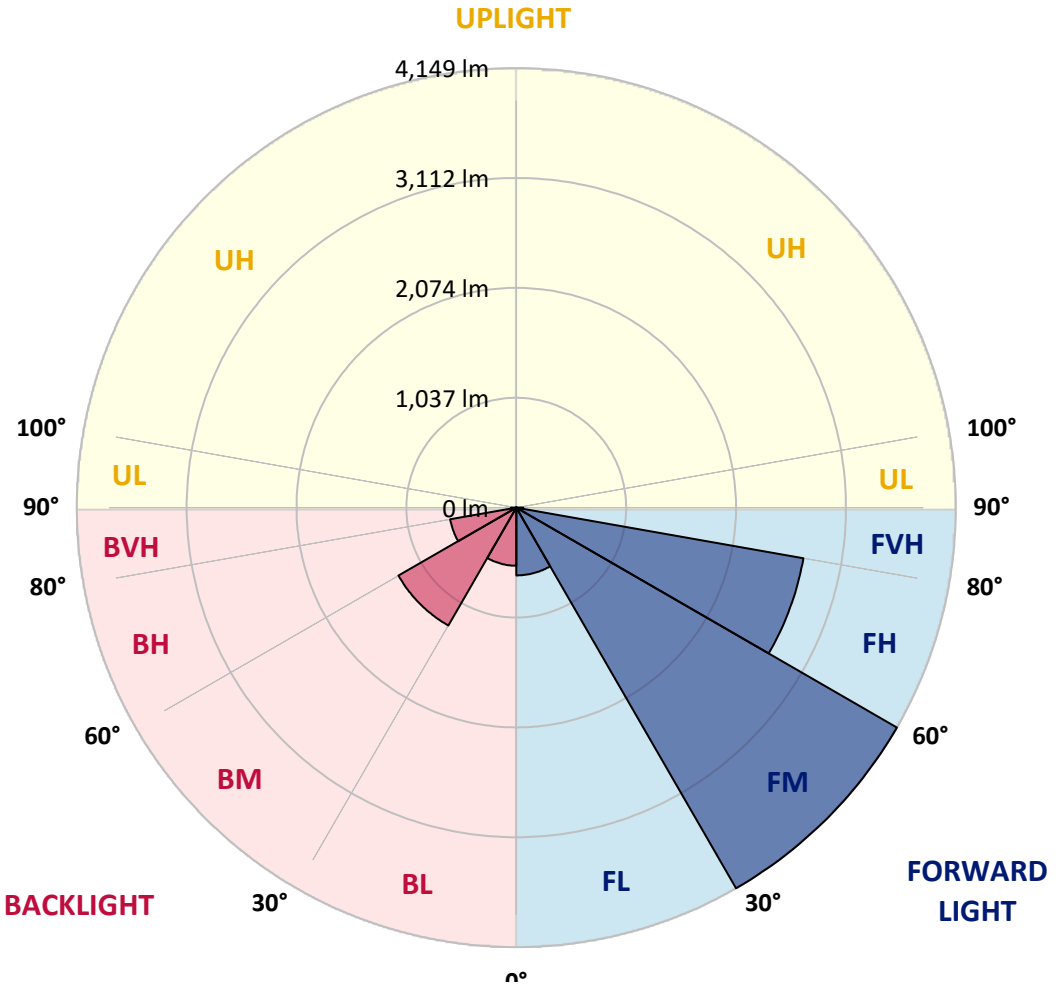
Scaled Data Report

REPORT NUMBER: P1203121
CATALOG NUMBER: GWC-SB2B-830-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	639.7	6.3			
FM	(30°-60°)	4148.7	41.0			
FH	(60°-80°)	2752.0	27.2			G2/5000
FVH	(80°-90°)	66.3	0.7			G1/100
BL	(0°-30°)	548.4	5.4	B2/1000		
BM	(30°-60°)	1284.9	12.7	B2/2500		
BH	(60°-80°)	633.5	6.3	B2/1000		G2/1000
BVH	(80°-90°)	50.6	0.5			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 III Short



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Scaled Data Report

REPORT NUMBER: P1203121
CATALOG NUMBER: GWC-SB2B-830-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	*1122.9*	1122.9	1122.9
2.5°	1111.2	1117.6	1116.0	1113.3	1112.8	1113.8	1115.4	1117.0	*1116.5*	1119.2	1123.4
5°	1108.0	1114.4	1113.8	1113.8	1116.0	1120.2	1122.9	1125.5	*1122.9*	1126.1	1131.9
7.5°	1110.1	1114.9	1117.0	1119.2	1124.5	1132.5	1138.8	1144.7	*1141.5*	1145.2	1152.7
10°	1137.2	1141.0	1143.1	1143.1	1146.8	1155.9	1162.2	1172.9	*1170.2*	1176.1	1185.7
12.5°	1186.7	1190.4	1190.4	1188.3	1191.0	1196.8	1199.0	1210.7	*1205.9*	1215.4	1225.0
15°	1247.4	1254.8	1249.0	1245.2	1246.3	1252.1	1251.6	1260.7	*1255.9*	1263.8	1272.4
17.5°	1314.4	1324.0	1314.4	1313.8	1311.7	1318.1	1318.6	1326.6	*1318.1*	1324.0	1329.8
20°	1393.6	1406.9	1399.0	1401.6	1396.8	1399.5	1402.1	1413.8	*1400.5*	1404.8	1403.2
22.5°	1505.3	1521.3	1512.8	1522.9	1519.7	1517.6	1517.0	1537.8	*1517.0*	1518.6	1503.2
25°	1668.1	1687.3	1672.4	1686.2	1686.2	1693.1	1701.1	1727.7	*1693.1*	1683.0	1643.1
27.5°	1908.5	1927.7	1898.4	1906.9	1904.3	1921.3	1912.8	1978.7	*1941.5*	1925.0	1844.7
30°	2197.9	2231.9	2176.6	2174.5	2171.8	2199.0	2211.2	2254.8	*2217.0*	2200.6	2103.7
32.5°	2510.7	2546.3	2480.3	2461.2	2451.1	2467.6	2457.5	2492.6	*2466.5*	2441.0	2321.3
35°	2841.5	2876.6	2813.9	2776.6	2736.2	2701.6	2665.5	2674.5	*2650.0*	2611.2	2487.3
37.5°	3154.3	3218.7	3152.2	3112.3	3037.8	2970.2	2869.2	2827.2	*2804.3*	2768.6	2643.6
40°	3472.9	3509.6	3459.1	3425.0	3344.2	3238.3	3076.6	2987.8	*2956.9*	2922.4	2816.5
42.5°	3707.5	3742.6	3715.5	3692.1	3628.8	3505.9	3296.8	3185.7	*3141.0*	3102.2	3012.3
45°	3893.7	3919.7	3902.7	3911.2	3884.1	3764.9	3525.0	3397.9	*3351.6*	3304.3	3233.5
47.5°	3968.7	3996.3	4023.5	4074.0	4120.3	4032.5	3770.3	3627.7	*3578.8*	3530.4	3460.7
50°	3960.2	3988.3	4067.1	4174.5	4318.1	4288.9	4028.8	3872.4	*3827.2*	3771.9	3707.5
52.5°	3892.1	3924.0	4025.0	4203.8	4432.5	4480.9	4292.1	4125.0	*4082.5*	4016.5	3952.2
55°	3713.3	3732.5	3884.1	4137.3	4459.6	4614.9	4550.1	4394.2	*4351.6*	4259.6	4189.4
57.5°	3382.0	3409.6	3630.4	3958.0	4391.5	4705.9	4776.7	4677.2	*4636.2*	4503.8	4430.4
60°	2949.5	2993.7	3246.3	3657.0	4218.1	4705.4	4982.5	4955.4	*4921.3*	4744.2	4667.6
62.5°	2460.1	2511.2	2754.3	3231.4	3914.9	4571.9	5111.2	5188.4	*5170.8*	4966.0	4868.1
65°	1889.4	1924.5	2166.5	2680.9	3443.1	4285.2	5126.1	5347.4	*5350.6*	5134.6	4972.9
67.5°	*1258.0*	*1359.1*	*1569.2*	*2011.7*	*2811.2*	*3816.5*	*4995.3*	*5373.5*	*5404.3*	*5192.6*	*4920.3*
70°	613.8	746.8	952.7	1307.5	2011.7	3097.9	4653.2	5159.6	*5228.3*	5023.5	4606.4
72.5°	254.8	297.9	410.1	645.2	1154.8	2090.4	3966.0	4579.8	*4707.0*	4451.1	3872.9
75°	171.8	186.2	234.6	330.9	526.1	1030.9	2860.1	3414.9	*3619.7*	3361.7	2747.9
77.5°	132.4	141.5	170.7	231.4	312.8	389.9	1530.9	2058.0	*2163.9*	2003.2	1429.8
80°	104.3	111.2	127.7	168.6	221.8	208.5	521.8	932.5	*993.6*	833.5	459.6
82.5°	90.4	93.1	91.5	114.4	147.3	121.8	171.3	344.2	*379.8*	275.5	150.0
85°	65.4	72.9	76.1	70.7	78.2	61.7	70.2	121.8	*134.0*	119.7	84.6
87.5°	26.6	39.4	48.4	45.7	28.7	17.6	21.8	35.6	*41.0*	44.7	27.7
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: P1203121
CATALOG NUMBER: GWC-SB2B-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9	1122.9
2.5°	1123.9	1127.7	1130.3	1133.5	1135.7	1138.8	1145.2	1148.9	1149.5	1152.1	1151.6
5°	1134.1	1139.4	1145.2	1153.7	1163.3	1171.3	1183.5	1192.0	1195.2	1197.9	1197.4
7.5°	1155.9	1163.3	1173.9	1188.8	1202.7	1213.3	1228.2	1238.3	1248.4	1252.1	1252.7
10°	1188.3	1199.0	1214.4	1234.6	1249.5	1263.3	1278.7	1287.2	1297.4	1301.6	1303.7
12.5°	1228.7	1239.9	1260.1	1288.3	1302.1	1311.7	1317.0	1314.9	1317.0	1320.8	1321.8
15°	1275.0	1287.2	1310.1	1340.4	1350.0	1341.5	1329.8	1319.2	1317.6	1318.6	1322.4
17.5°	1329.8	1338.8	1365.4	1391.0	1384.1	1349.0	1323.4	1306.4	1297.9	1295.2	1299.0
20°	1406.4	1406.4	1428.2	1444.2	1397.9	1338.3	1298.4	1270.8	1253.2	1245.8	1244.2
22.5°	1499.5	1491.0	1504.8	1493.6	1395.2	1308.5	1253.2	1205.3	1178.7	1168.1	1166.5
25°	1617.6	1607.5	1603.7	1534.6	1376.1	1261.2	1171.3	1113.3	1089.9	1084.1	1085.1
27.5°	1795.8	1770.2	1721.8	1556.9	1341.0	1186.7	1075.5	1021.8	1008.5	1009.1	1010.7
30°	2033.0	1981.9	1863.3	1560.7	1283.5	1081.4	977.7	939.4	933.0	935.6	944.7
32.5°	2252.7	2204.3	2008.0	1543.6	1195.2	978.2	889.9	864.4	854.8	858.0	862.2
35°	2425.0	2411.7	2142.0	1519.7	1086.7	881.4	811.2	789.4	770.8	766.5	769.7
37.5°	2587.8	2582.5	2242.6	1486.2	979.3	812.8	747.9	719.2	692.0	677.1	677.7
40°	2766.5	2761.2	2308.5	1434.6	884.1	753.2	691.0	653.2	619.7	592.6	595.2
42.5°	2967.6	2936.2	2339.9	1360.7	803.2	702.7	644.7	593.6	549.5	524.5	526.1
45°	3187.3	3116.5	2339.4	1266.5	735.1	656.4	595.2	522.9	481.9	458.5	457.5
47.5°	3420.3	3288.9	2310.7	1162.2	669.2	605.3	518.6	463.3	436.2	421.8	418.6
50°	3660.7	3450.0	2261.7	1042.6	601.6	547.3	470.8	433.0	412.2	398.9	394.2
52.5°	3886.7	3596.3	2202.7	906.9	533.0	491.0	449.5	420.2	398.4	383.5	377.1
55°	4096.9	3722.4	2119.2	768.1	477.1	453.2	439.4	414.9	389.9	372.3	365.4
57.5°	4283.6	3804.3	1975.0	637.8	437.2	427.1	428.7	405.9	377.1	362.2	352.7
60°	4438.9	3864.4	1761.7	517.0	404.8	401.6	412.2	388.8	355.3	338.3	330.9
62.5°	4532.0	3863.3	1500.0	423.4	377.1	378.2	390.4	367.6	333.5	317.6	312.8
65°	4524.0	3768.7	1212.8	362.2	350.5	351.6	367.6	344.2	315.4	305.9	305.3
67.5°	*4363.9*	*3537.8*	*930.3*	*322.3*	*321.3*	*326.1*	*344.7*	*328.2*	*304.3*	*303.2*	*304.8*
70°	3930.4	3058.5	670.2	290.4	291.0	297.9	322.3	318.1	298.4	300.5	300.0
72.5°	3151.6	2331.9	450.0	256.9	257.4	268.6	301.1	310.1	292.6	320.7	325.0
75°	2099.0	1454.3	289.4	221.3	221.8	236.2	282.5	294.7	276.6	319.7	322.3
77.5°	1008.5	653.7	209.6	186.2	186.2	199.5	244.2	263.8	235.6	248.4	227.7
80°	348.4	245.7	164.9	150.0	146.8	155.9	205.9	228.7	203.2	187.2	175.5
82.5°	137.2	127.7	132.4	116.5	105.9	111.7	160.1	188.8	149.5	135.1	134.6
85°	78.7	83.0	93.6	77.1	61.2	68.6	117.6	135.6	112.8	99.5	101.6
87.5°	21.3	29.3	43.1	39.9	27.7	29.3	55.9	75.0	64.9	50.0	51.6
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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SS

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Cooper Lighting Solutions Photometric Lab
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

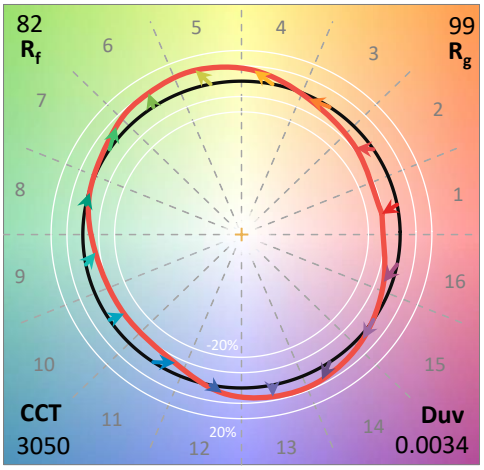
Test Information

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

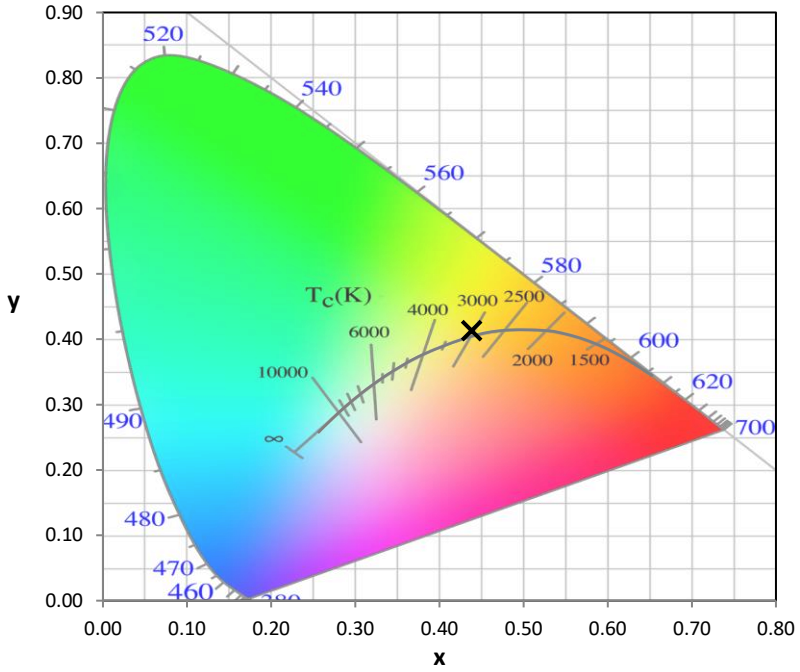
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

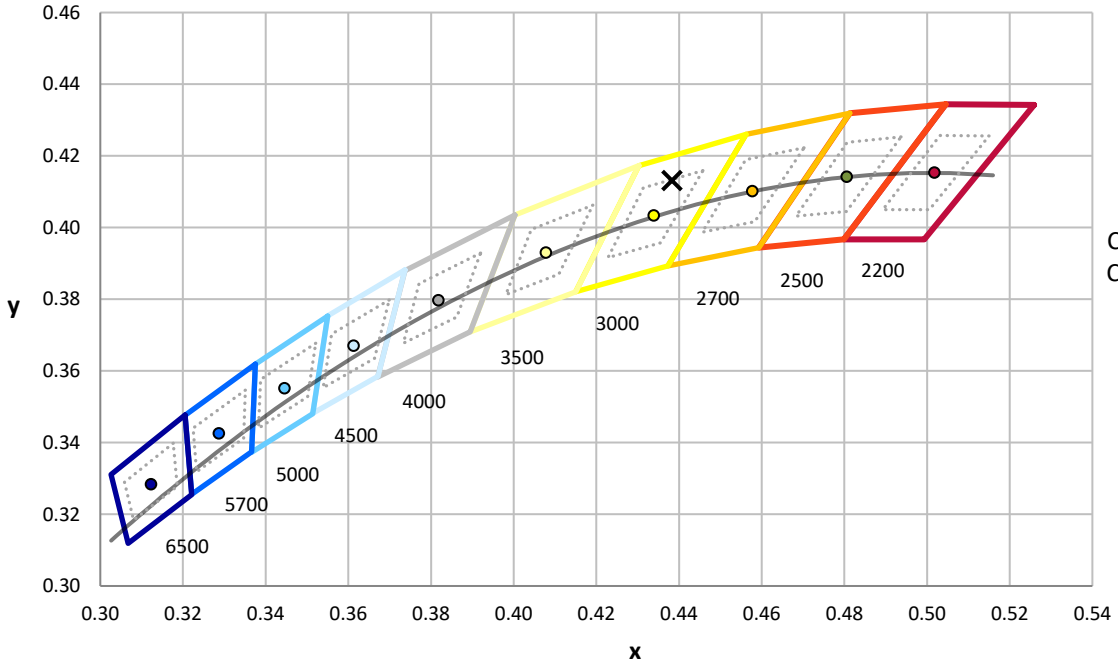
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

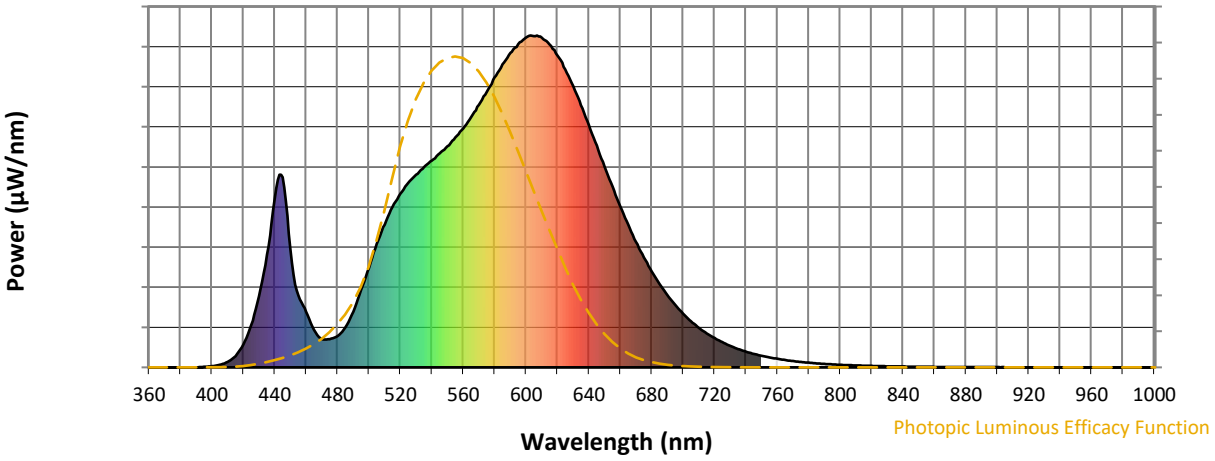


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

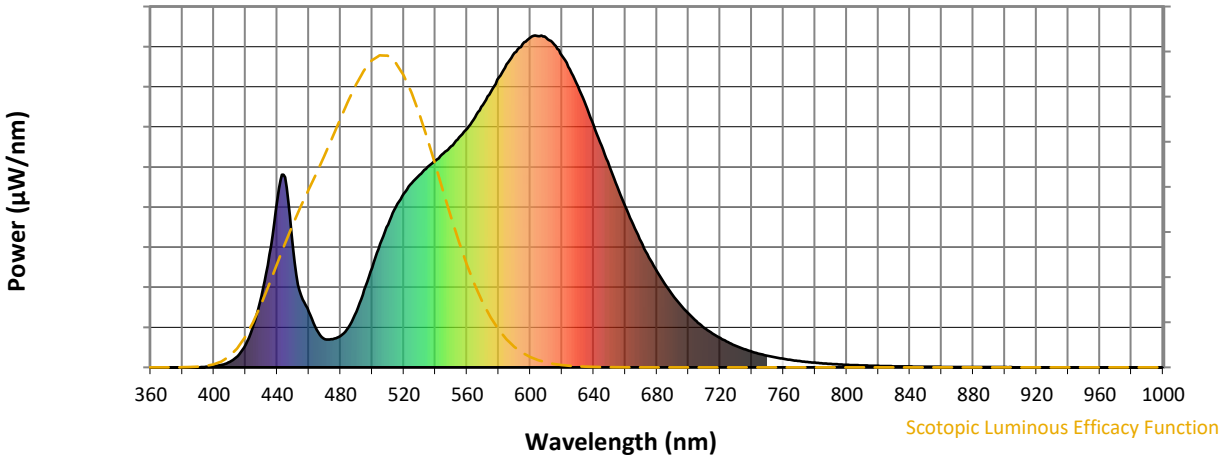


Photopic Lumens: NR

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

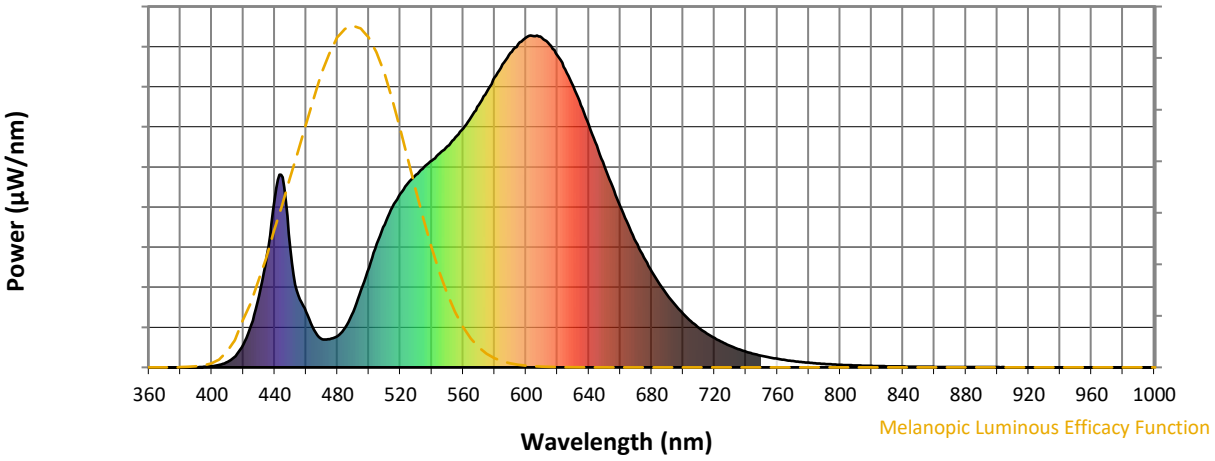


Scotopic Lumens: NR **S/P: 1.27**

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			

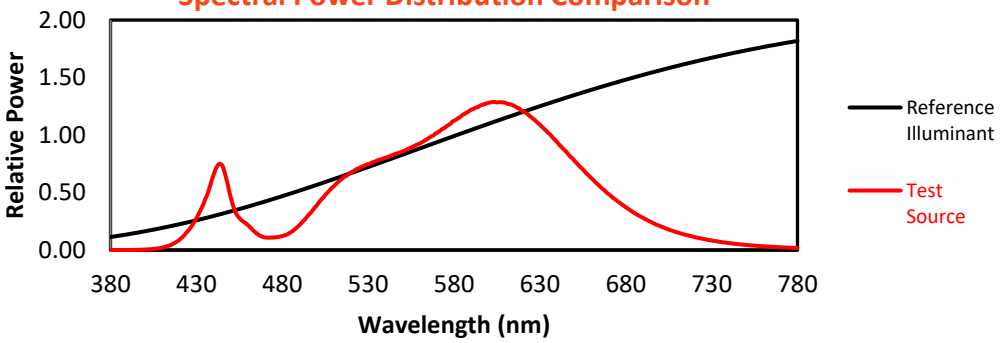
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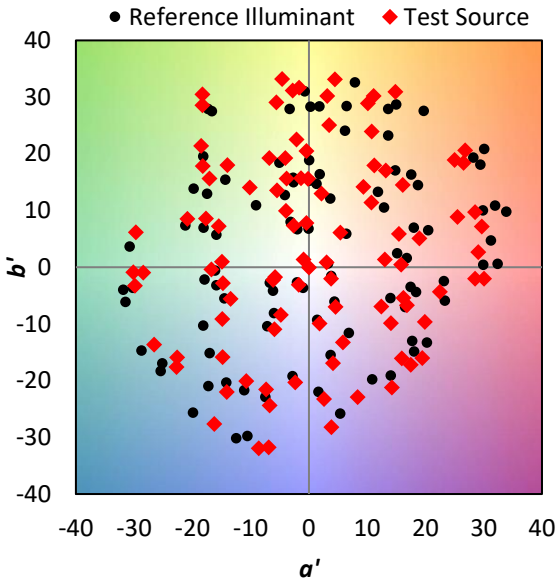
Summary

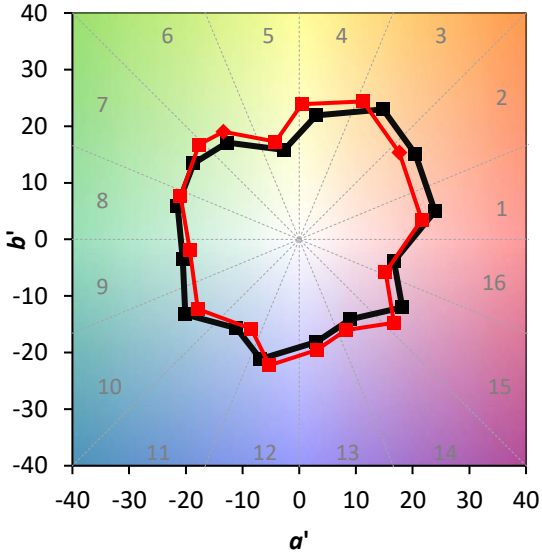
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

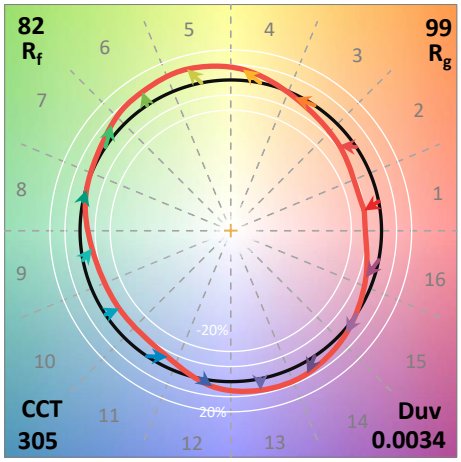
Spectral Power Distribution Comparison

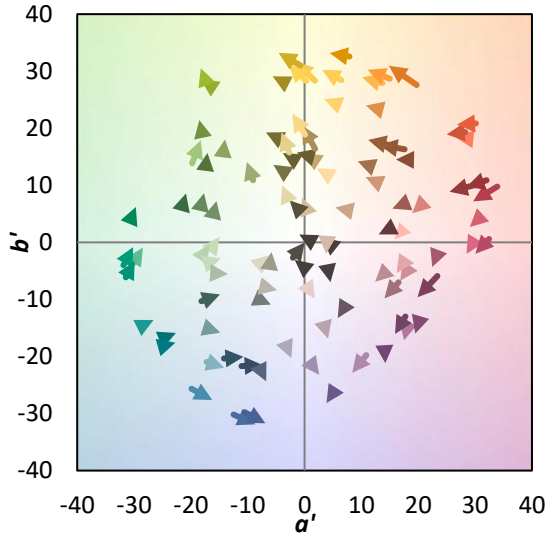


Color Vector Graphics







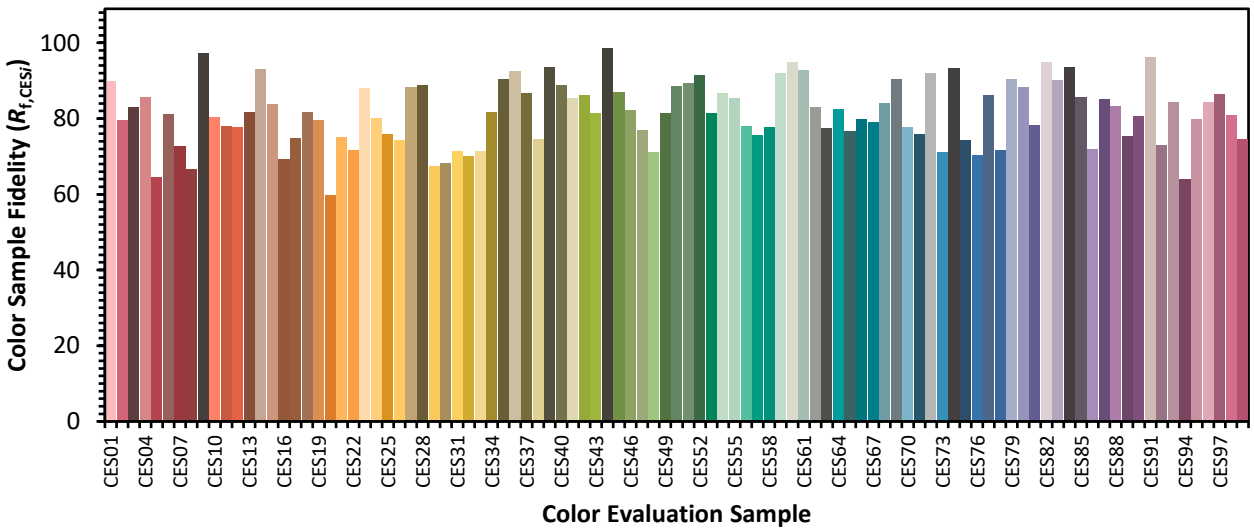


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Individual Sample Fidelity Index ($R_{f,i}$)

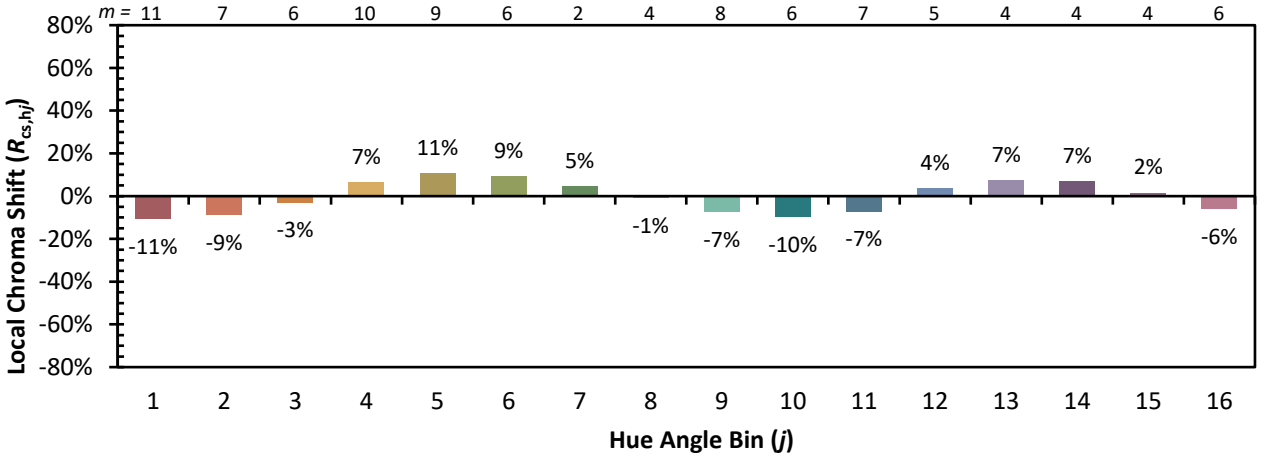
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

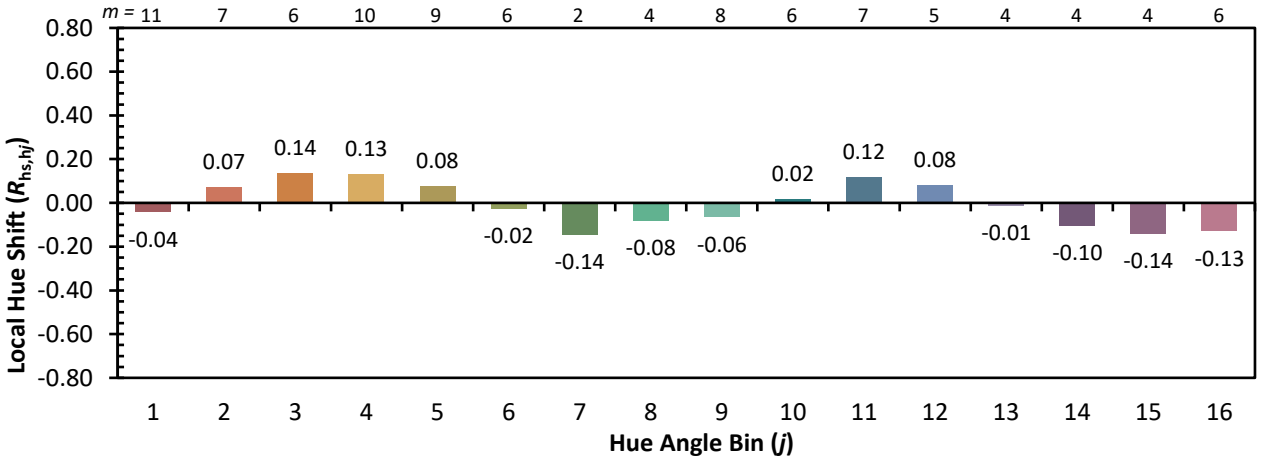


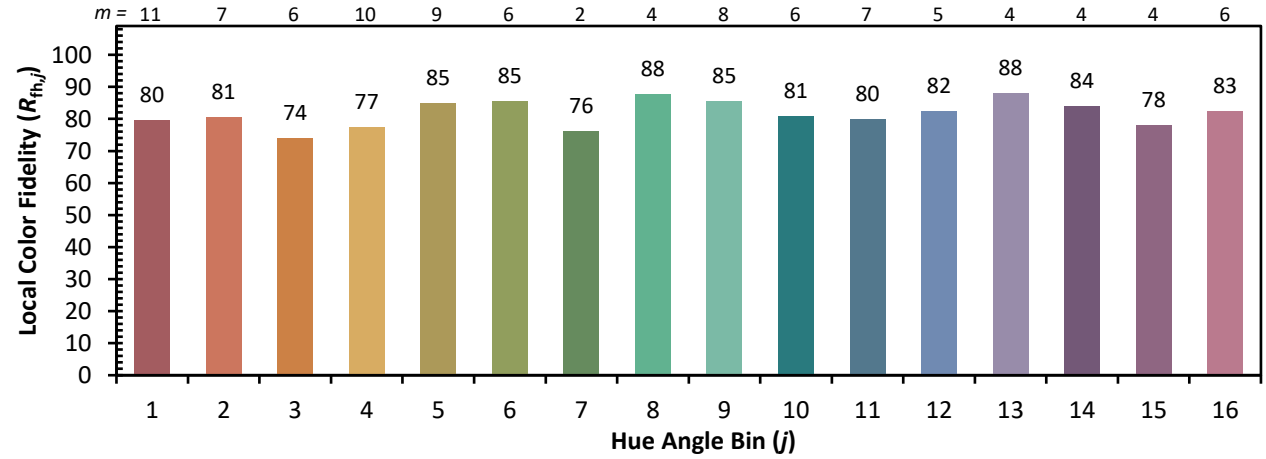
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Color Rendition by Hue-Angle Bin



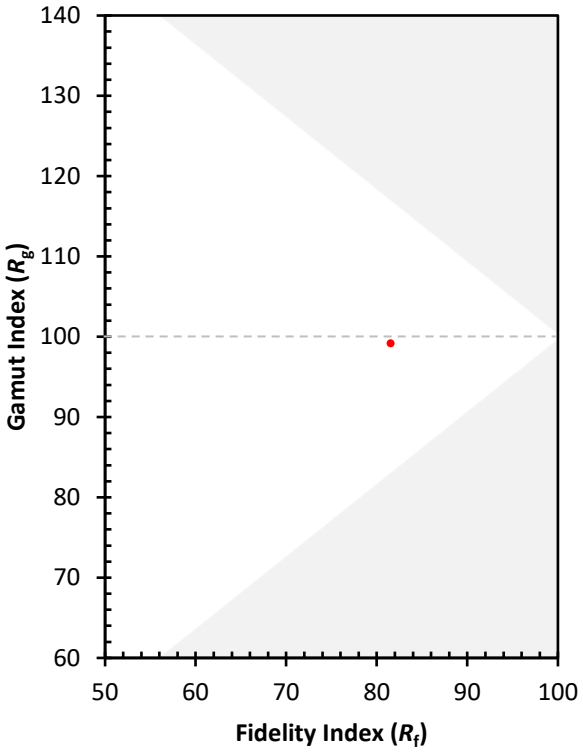


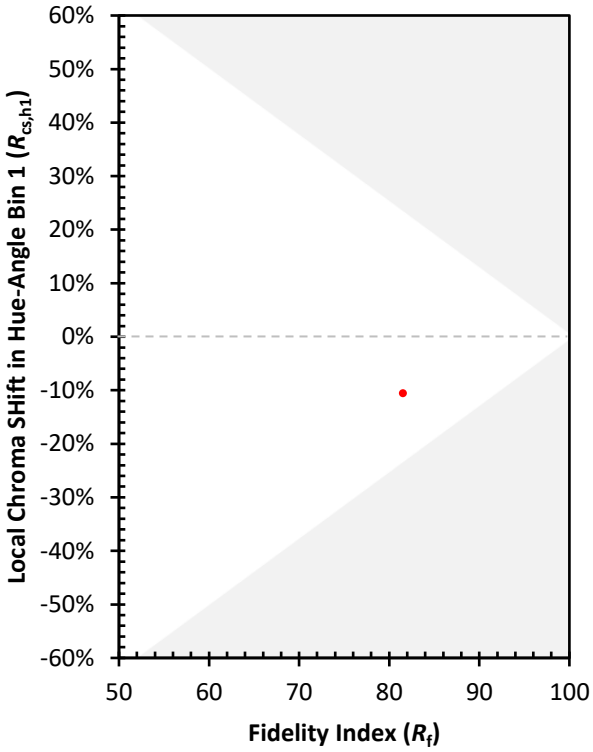


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Measure Comparisons





(END OF REPORT)