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: P1198444

Luminaire Tested: GPC-SB1C-830-U-T2R

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:	P1198444
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-830-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6890 lumens
Efficiency:	N/A
Efficacy:	126.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

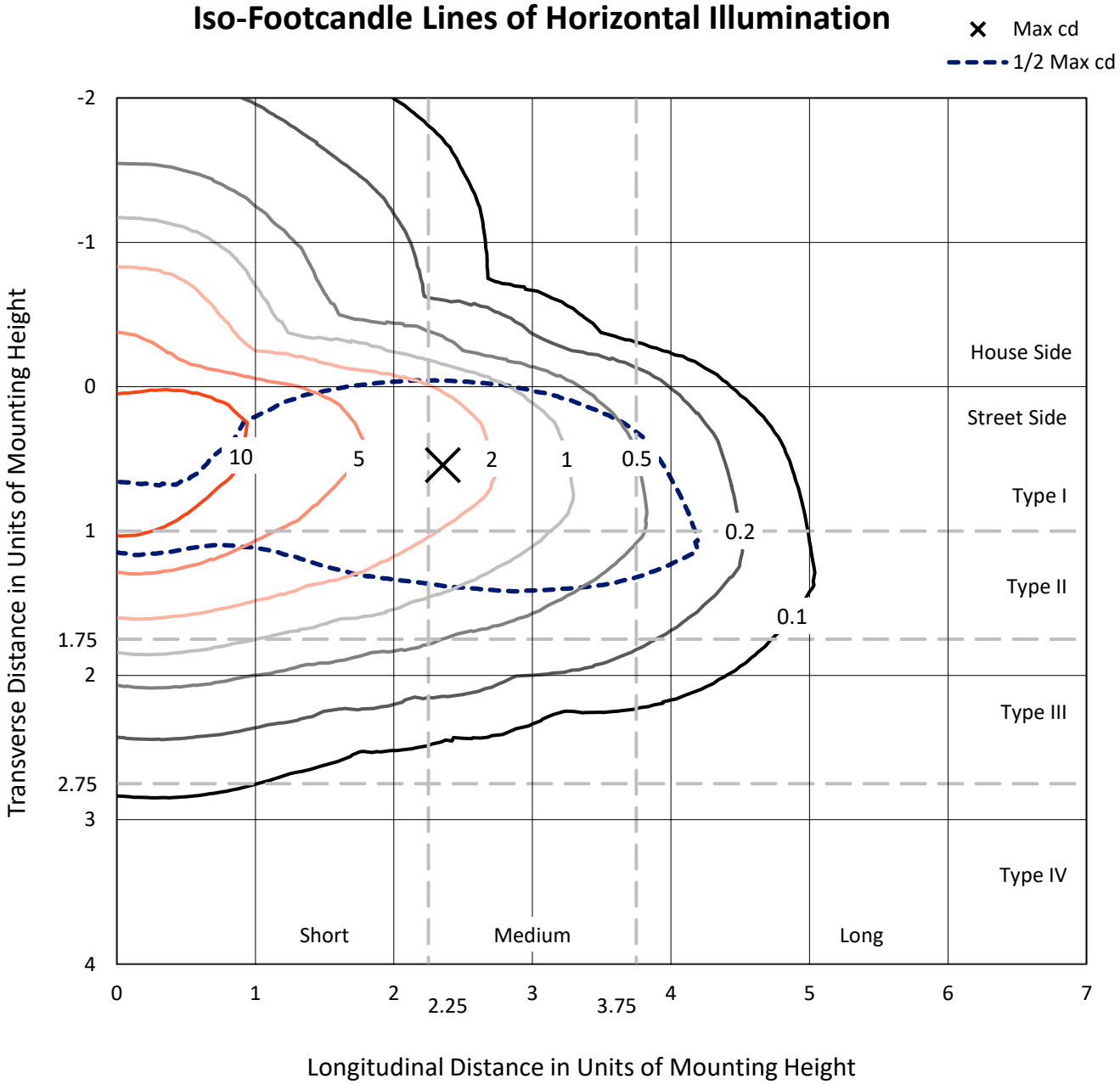


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Scaled Data Report

REPORT NUMBER: P1198444
CATALOG NUMBER: GPC-SB1C-830-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



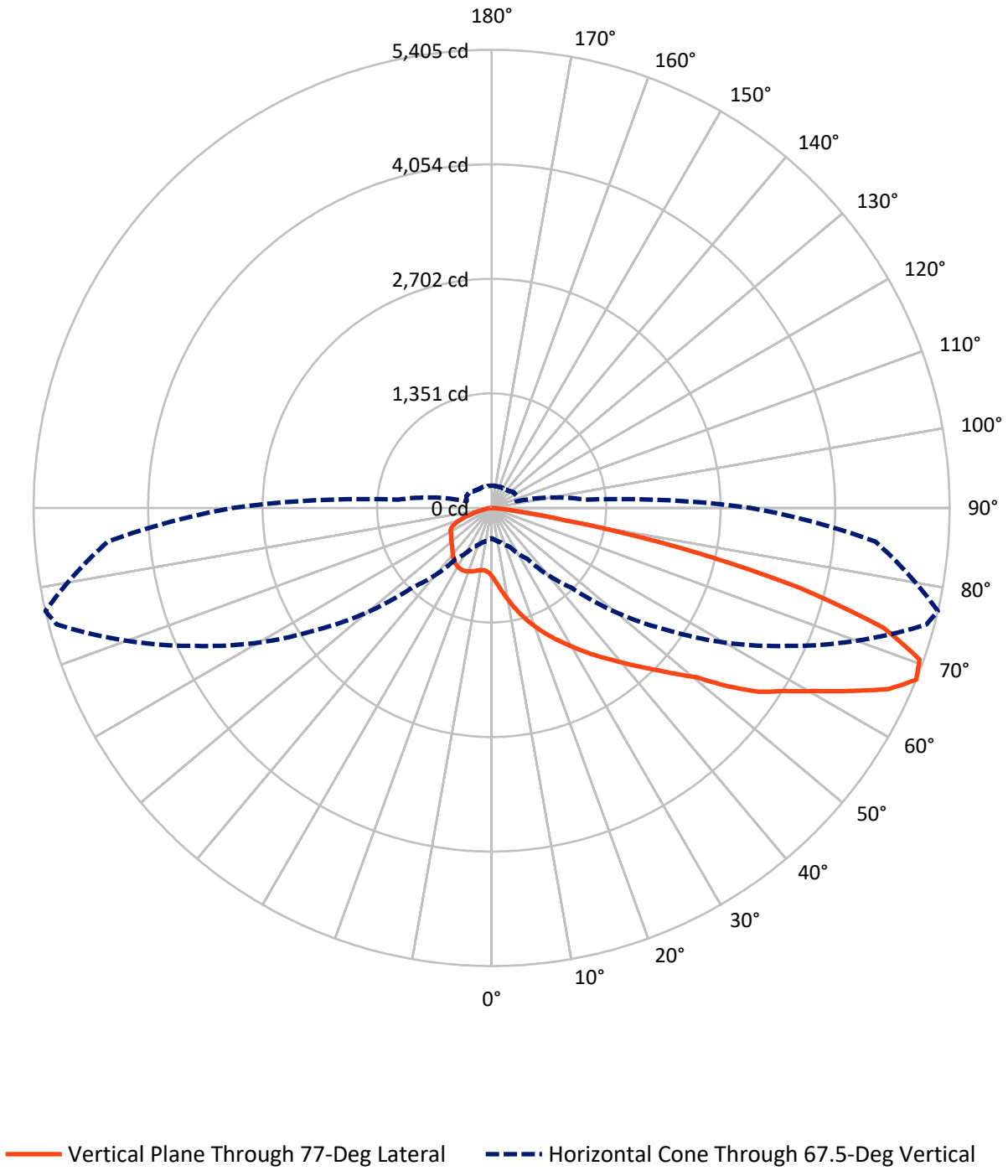
Based on 10 foot mounting height. Maximum calculated value = 15.8 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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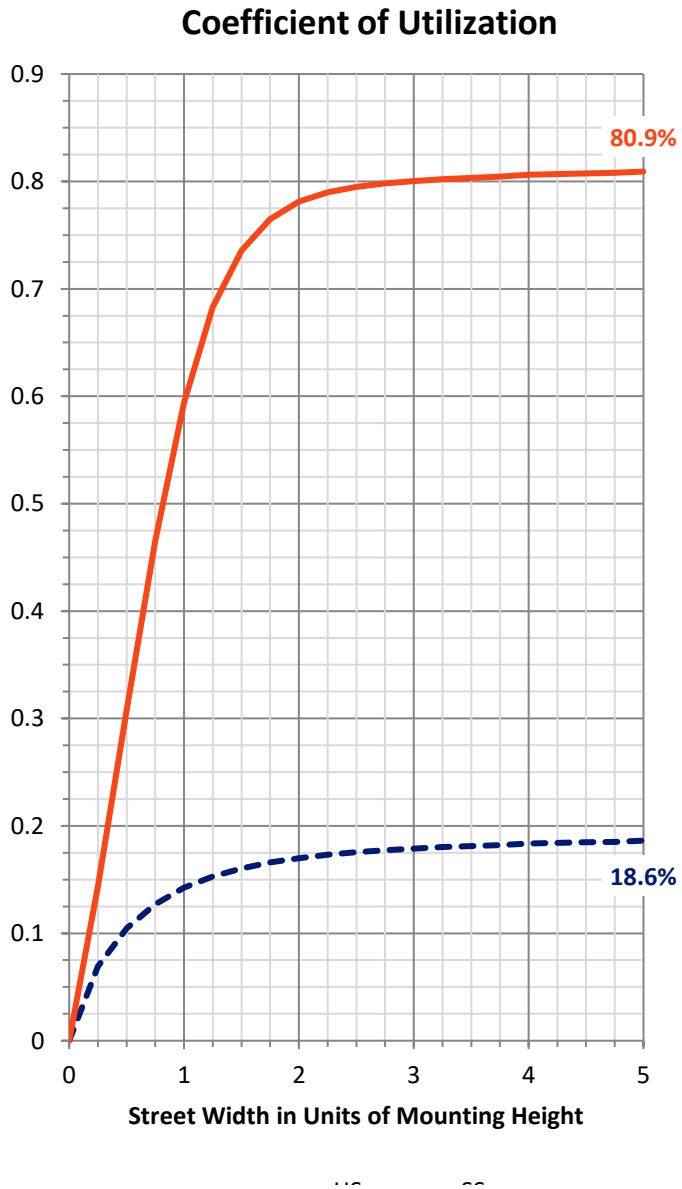
REPORT NUMBER: P1198444
CATALOG NUMBER: GPC-SB1C-830-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1303.3	0.0	1303.3
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	5586.7	0.0	5586.7
	% Fixture	81.1	0.0	81.1
Total	Lumens	6890.0	0.0	6890.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	1.3
10°-20°	311.3	4.5
20°-30°	587.8	8.5
30°-40°	946.9	13.7
40°-50°	1295.2	18.8
50°-60°	1461.0	21.2
60°-70°	1363.6	19.8
70°-80°	747.5	10.8
80°-90°	90.2	1.3
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°	6890.0	100.0
0°-180°	6890.0	100.0



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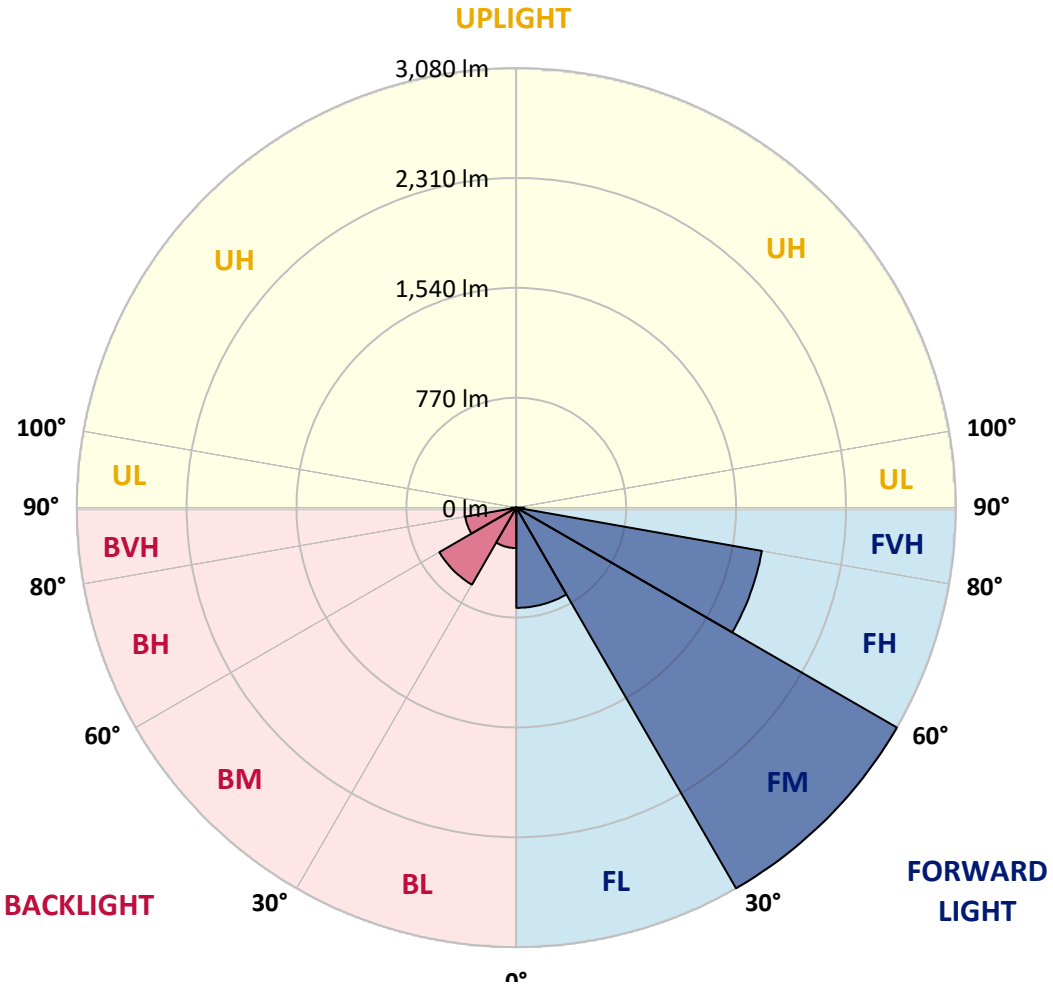
Scaled Data Report

REPORT NUMBER: P1198444
CATALOG NUMBER: GPC-SB1C-830-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	702.4	10.2			
FM	(30°-60°)	3080.4	44.7			
FH	(60°-80°)	1747.5	25.4			G1/1800
FVH	(80°-90°)	56.4	0.8			G1/100
BL	(0°-30°)	283.4	4.1	B1/500		
BM	(30°-60°)	622.6	9.0	B1/1000		
BH	(60°-80°)	363.6	5.3	B1/500		G1/500
BVH	(80°-90°)	33.8	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Medium



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Scaled Data Report

REPORT NUMBER: P1198444
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	808.4	808.4	808.4	808.4	808.4	808.4	808.4	808.4	808.4	*808.4*	808.4
2.5°	1012.2	1019.3	1010.4	1010.4	980.5	964.9	935.0	912.3	871.4	*864.2*	837.2
5°	1196.4	1205.3	1192.9	1187.5	1152.3	1120.0	1069.8	1020.4	947.5	*940.0*	876.3
7.5°	1339.1	1350.4	1339.4	1333.7	1302.4	1266.1	1207.5	1138.5	1035.7	*1021.1*	929.0
10°	1455.4	1457.1	1453.6	1455.7	1431.2	1401.3	1341.2	1260.8	1132.4	*1112.5*	992.6
12.5°	1521.2	1529.3	1536.4	1549.2	1545.0	1526.5	1472.4	1376.4	1234.8	*1209.2*	1062.0
15°	1552.1	1566.3	1582.3	1611.8	1635.7	1640.3	1599.0	1500.5	1339.1	*1308.1*	1132.1
17.5°	1563.1	1576.6	1601.9	1644.6	1695.8	1730.3	1711.8	1621.1	1442.2	*1406.6*	1205.7
20°	1619.0	1622.9	1638.2	1678.7	1734.2	1791.5	1805.3	1737.0	1544.3	*1504.1*	1281.8
22.5°	1738.5	1730.6	1734.9	1753.4	1793.2	1848.7	1880.4	1839.5	1649.2	*1603.0*	1358.6
25°	1935.8	1913.1	1890.3	1869.0	1889.3	1920.6	1956.5	1941.9	1759.1	*1700.4*	1436.1
27.5°	2185.2	2157.4	2107.3	2037.2	2012.7	2023.7	2039.7	2036.9	1860.8	*1801.4*	1516.2
30°	2430.6	2398.2	2338.5	2237.1	2172.4	2143.2	2131.1	2122.9	1971.4	*1908.1*	1596.9
32.5°	2626.5	2600.9	2542.2	2428.8	2334.9	2285.1	2244.9	2215.8	2087.0	*2023.7*	1682.3
35°	2798.0	2774.1	2706.9	2583.1	2481.1	2428.1	2375.4	2313.2	2207.2	*2143.2*	1774.0
37.5°	2954.5	2930.6	2838.5	2709.8	2607.0	2570.3	2523.4	2417.8	2327.8	*2267.3*	1871.1
40°	3053.3	3048.0	2961.9	2816.1	2709.4	2691.3	2675.6	2539.0	2461.5	*2405.3*	1977.8
42.5°	3078.6	3090.3	3022.0	2902.2	2800.5	2785.9	2822.5	2676.3	2611.6	*2557.9*	2098.7
45°	3017.8	3051.5	3006.7	2925.3	2865.2	2857.4	2952.7	2826.4	2777.7	*2728.6*	2244.6
47.5°	2863.8	2921.0	2902.5	2891.1	2882.6	2916.4	3067.2	2985.8	2965.8	*2923.2*	2411.0
50°	2552.9	2661.4	2693.8	2765.6	2848.1	2962.3	3171.4	3159.7	3185.6	*3142.6*	2613.7
52.5°	2015.5	2164.9	2352.7	2532.6	2742.1	2947.0	3285.9	3409.3	3518.9	*3495.4*	2936.0
55°	1663.8	1731.0	1875.4	2205.4	2536.6	2882.6	3337.5	3611.0	3849.6	*3828.7*	3180.3
57.5°	1393.5	1453.6	1542.5	1818.1	2225.7	2736.4	3369.5	3734.1	4076.2	*4074.1*	3421.4
60°	1103.6	1167.3	1258.3	1453.6	1862.6	2483.9	3362.4	3874.2	4365.3	*4383.1*	3715.6
62.5°	776.4	846.5	947.5	1129.6	1491.6	2156.7	3217.3	3975.5	4705.7	*4754.1*	4069.4
65°	510.4	556.6	632.7	789.9	1111.4	1736.0	2940.2	3988.7	5069.9	*5151.7*	4401.6
67.5°	*357.8*	*375.6*	*420.4*	*505.7*	*732.7*	*1331.2*	*2498.9*	*3852.5*	*5312.8*	*5404.9*	*4545.7*
70°	279.2	288.1	310.8	345.0	460.2	895.2	1914.9	3498.3	5260.9	*5356.9*	4395.2
72.5°	241.1	249.7	258.2	262.5	308.7	552.7	1297.1	2924.9	4771.9	*4837.0*	3821.5
75°	218.7	220.9	228.0	226.6	235.4	358.5	748.7	2131.1	3765.0	*3742.6*	2821.1
77.5°	183.9	186.7	198.5	196.7	209.1	245.0	388.7	1375.3	2440.9	*2288.7*	1570.2
80°	155.8	157.2	170.0	167.9	181.7	177.5	198.5	701.0	1035.3	*877.1*	452.8
82.5°	54.1	66.9	129.8	133.7	138.7	107.4	114.5	285.9	316.2	*242.2*	95.0
85°	26.3	28.1	66.2	93.9	93.5	54.1	55.8	102.1	99.6	*78.2*	31.7
87.5°	4.3	5.3	7.8	36.6	29.2	14.2	19.2	19.9	20.6	*17.8*	7.1
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: P1198444
CATALOG NUMBER: GPC-SB1C-830-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	808.4	808.4	808.4	808.4	808.4	808.4	808.4	808.4	808.4	808.4	808.4
2.5°	817.3	799.5	762.2	727.7	700.6	674.7	660.1	647.7	640.5	639.1	639.1
5°	839.4	802.7	734.8	677.5	640.2	612.4	597.9	588.6	584.0	581.1	580.8
7.5°	871.0	817.3	720.6	655.5	616.4	596.4	589.0	587.5	587.2	587.5	588.6
10°	914.8	841.1	719.1	650.1	617.4	606.4	606.0	606.4	607.8	608.2	608.5
12.5°	962.1	865.7	724.8	654.8	630.9	624.9	623.8	623.5	624.5	625.2	625.6
15°	1013.6	898.0	734.4	664.7	645.9	639.5	638.4	636.3	635.9	635.6	635.2
17.5°	1066.6	930.0	745.1	675.4	655.5	646.6	642.7	637.7	633.8	632.7	633.8
20°	1120.3	961.7	752.6	680.7	656.2	643.7	635.9	627.4	620.6	616.7	618.1
22.5°	1177.6	994.8	757.2	679.3	649.8	632.7	618.5	608.5	598.2	591.5	591.8
25°	1233.4	1023.6	756.8	671.8	637.3	615.6	597.5	584.7	570.5	563.4	563.4
27.5°	1287.1	1049.5	747.9	658.7	619.6	595.4	573.7	558.4	544.5	537.8	537.4
30°	1342.6	1071.2	734.1	639.5	598.6	571.9	548.1	534.9	522.5	516.1	515.7
32.5°	1397.7	1091.2	714.5	615.6	574.4	548.8	525.3	513.2	505.7	505.7	506.1
35°	1456.1	1105.0	688.6	587.9	548.8	524.2	505.7	498.6	497.9	493.7	492.6
37.5°	1517.6	1113.9	656.9	559.5	523.5	500.4	494.7	486.2	479.1	469.8	468.4
40°	1582.3	1122.8	618.8	529.9	496.9	484.1	481.6	470.2	449.9	427.1	423.9
42.5°	1660.9	1128.9	579.4	500.4	468.8	464.5	468.0	448.5	416.1	399.0	399.4
45°	1752.0	1138.8	543.1	471.2	439.9	439.9	454.9	429.3	402.6	391.9	393.7
47.5°	1870.1	1161.9	509.3	439.2	413.3	420.4	425.7	406.2	391.2	378.1	377.7
50°	2040.8	1217.4	474.4	406.9	393.0	407.2	399.8	388.4	371.0	360.3	359.2
52.5°	2252.7	1250.1	443.5	377.7	375.6	389.8	379.1	368.5	355.3	341.1	338.2
55°	2397.1	1256.2	417.5	356.4	363.8	362.4	358.5	348.9	341.8	322.9	323.3
57.5°	2558.6	1268.3	396.2	343.6	356.4	340.7	339.3	331.1	321.9	309.1	304.8
60°	2751.7	1287.1	377.7	338.6	350.0	326.5	319.4	316.2	306.9	300.5	302.3
62.5°	2962.3	1304.2	358.9	339.3	342.5	312.6	302.0	300.9	295.2	293.1	293.1
65°	3106.0	1257.6	335.4	338.6	330.8	298.4	284.9	284.5	279.9	279.2	278.8
67.5°	*3055.8*	*1110.0*	*303.7*	*328.6*	*318.7*	*284.2*	*269.2*	*267.8*	*261.8*	*262.1*	*262.1*
70°	2804.7	899.5	260.0	304.1	303.7	271.4	252.9	248.2	240.1	241.5	242.9
72.5°	2333.8	666.5	201.3	263.2	279.9	259.6	234.0	226.6	216.2	217.7	217.3
75°	1685.5	453.1	146.5	200.2	243.6	245.8	215.5	202.7	190.3	192.4	193.1
77.5°	862.5	256.8	107.8	138.0	191.3	223.4	198.8	181.7	178.9	198.8	196.0
80°	281.3	128.7	74.7	96.7	125.5	182.8	174.3	154.7	154.0	158.6	136.2
82.5°	83.9	54.4	48.0	63.7	69.4	140.1	150.4	117.0	100.7	106.0	109.5
85°	28.8	26.3	27.4	31.7	33.1	82.2	105.3	77.5	73.3	80.7	79.7
87.5°	6.8	9.2	7.8	7.1	7.1	19.9	40.9	32.4	44.8	29.9	28.8
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

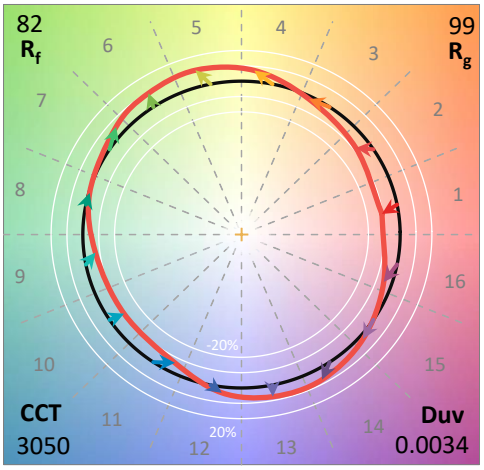
Test Information

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

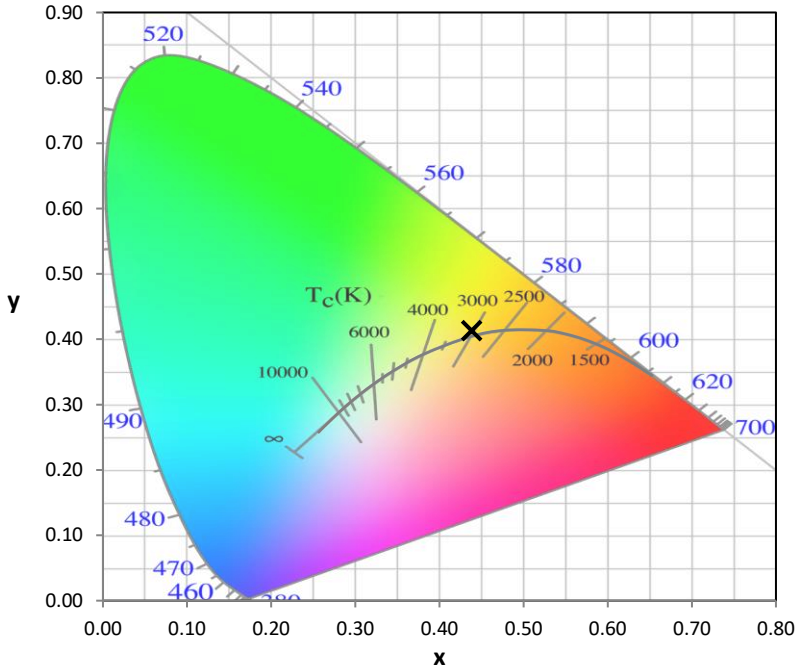
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

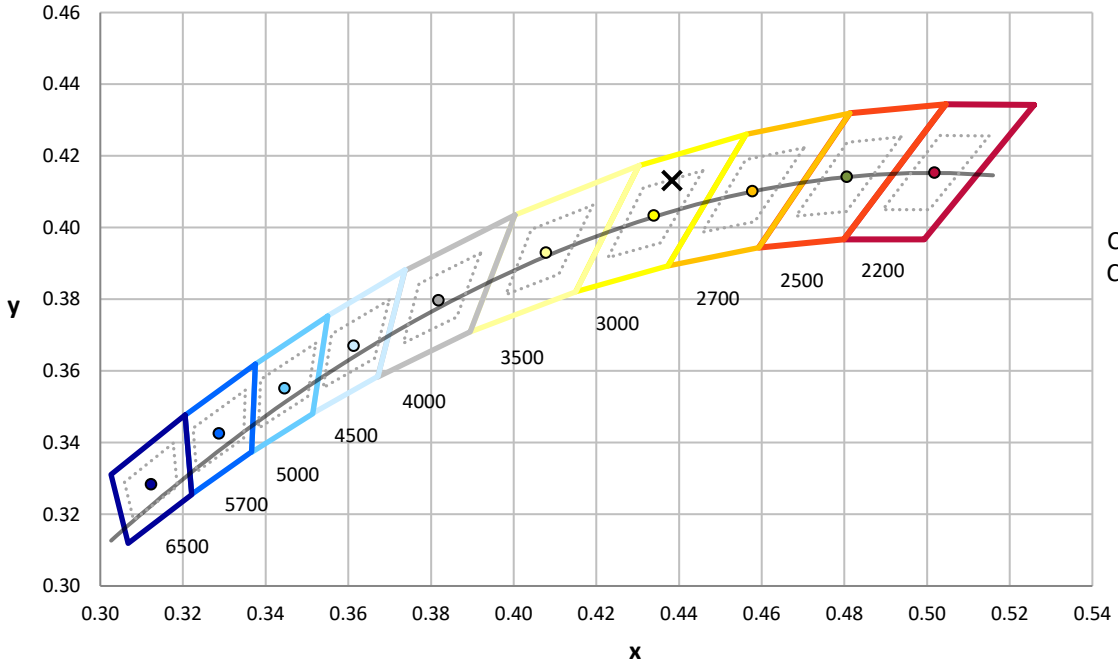
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

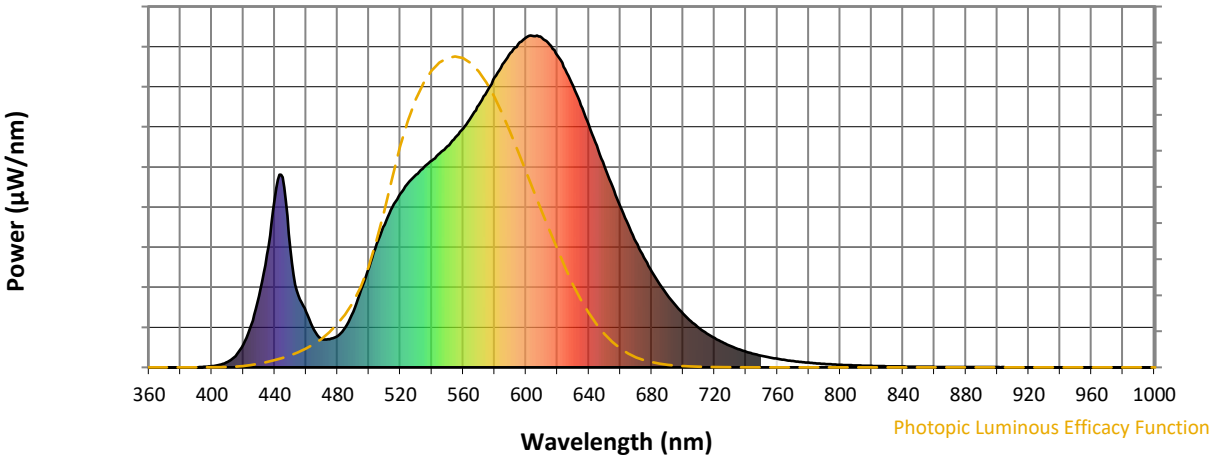


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

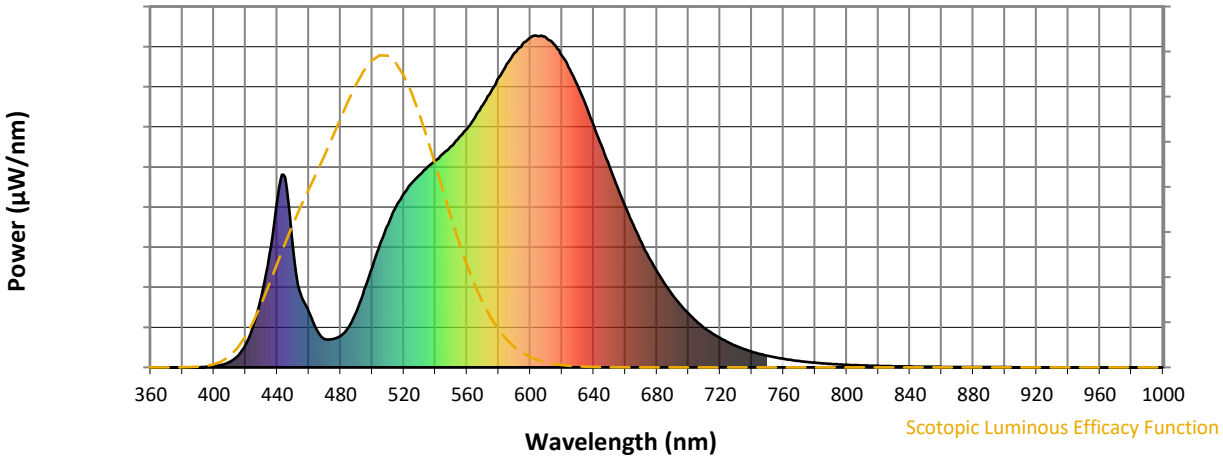


Photopic Lumens: NR

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

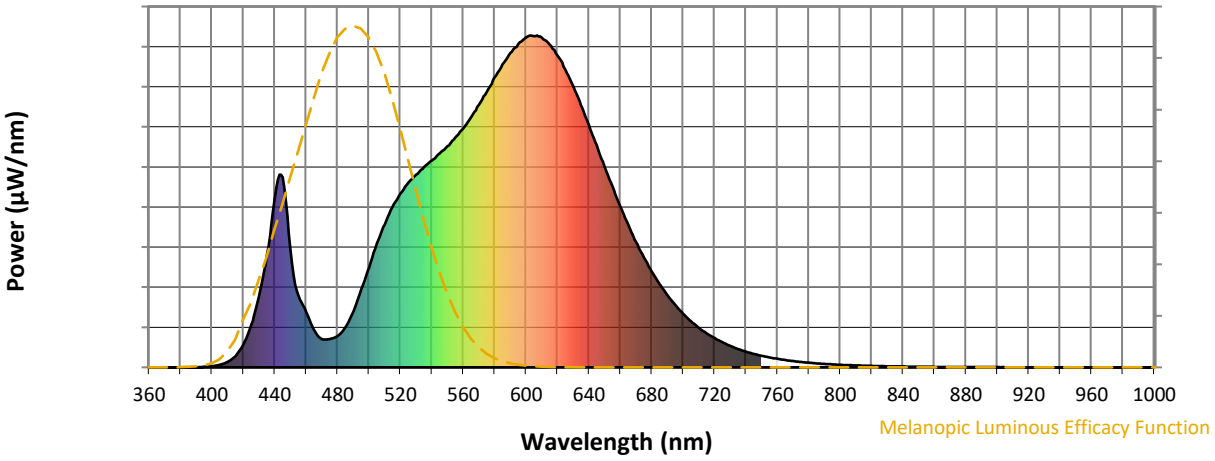


Scotopic Lumens: NR **S/P: 1.27**

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			

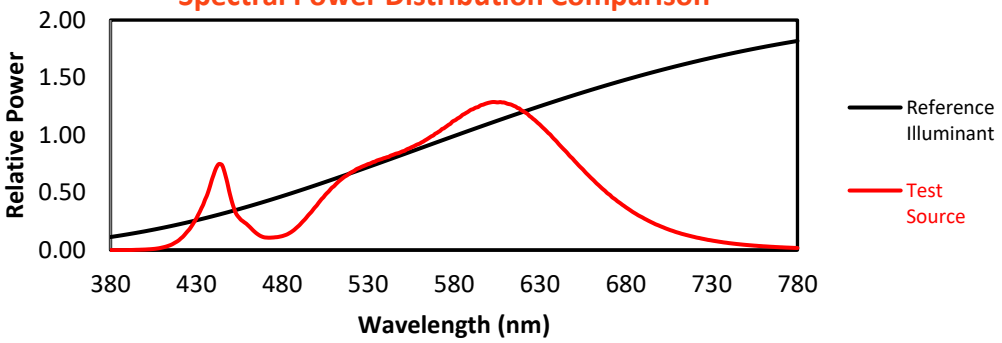
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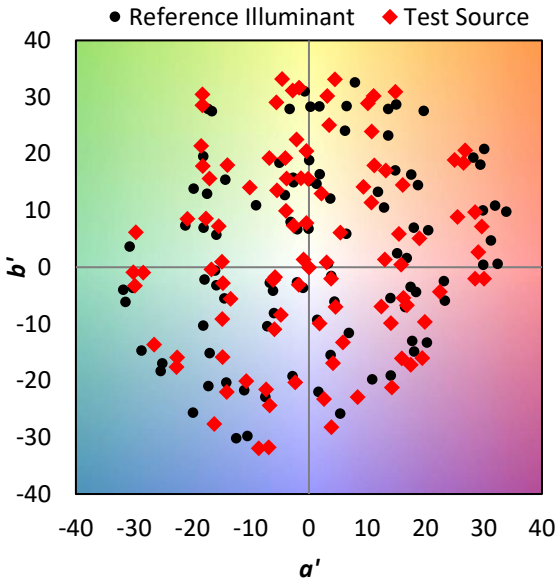
Summary

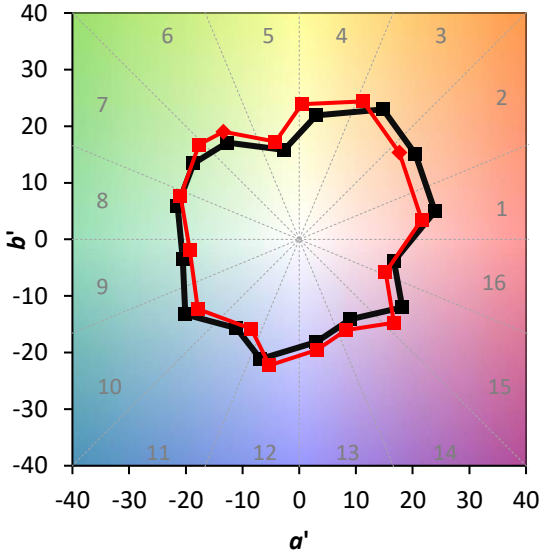
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

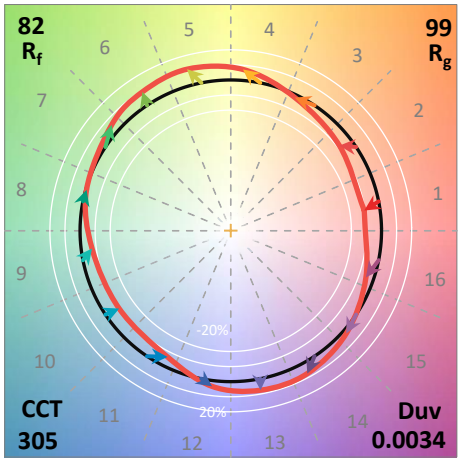
Spectral Power Distribution Comparison

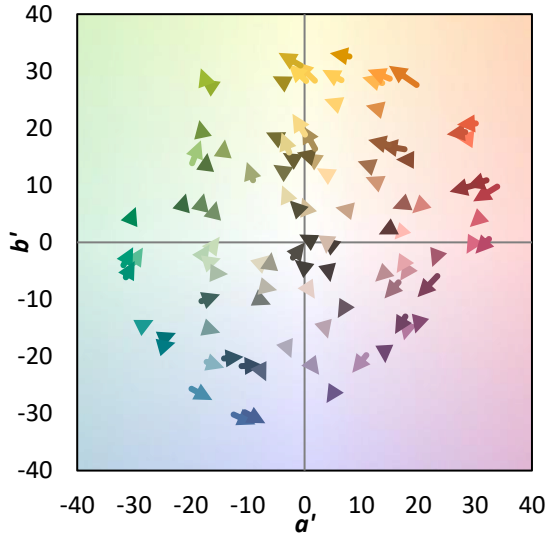


Color Vector Graphics







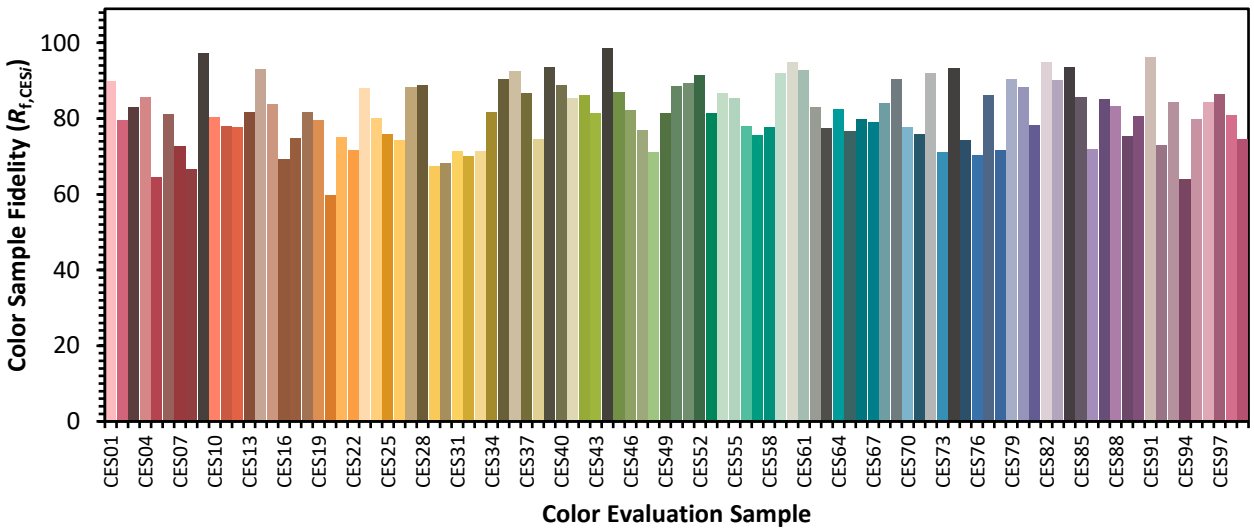


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Individual Sample Fidelity Index ($R_{f,i}$)

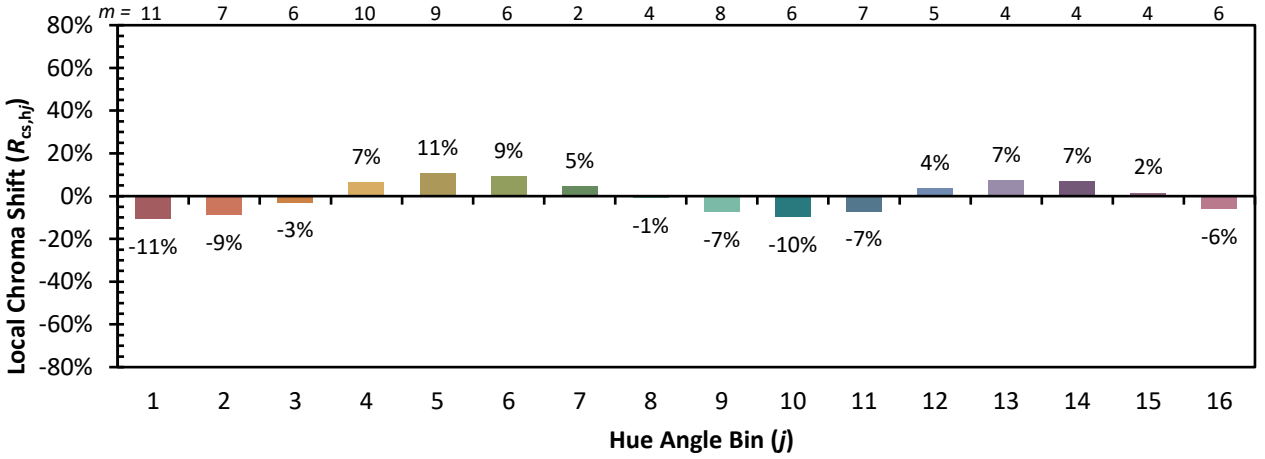
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

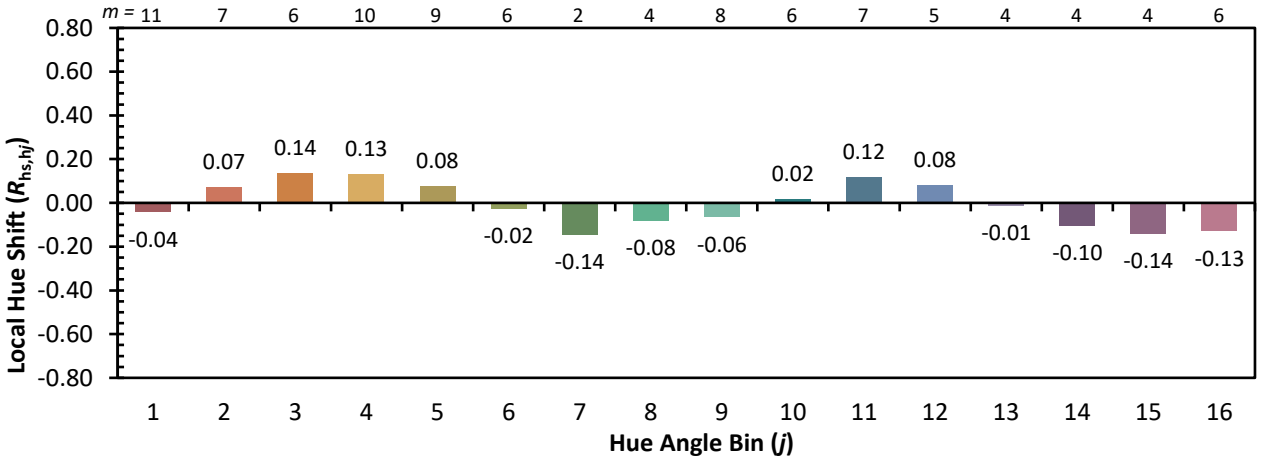


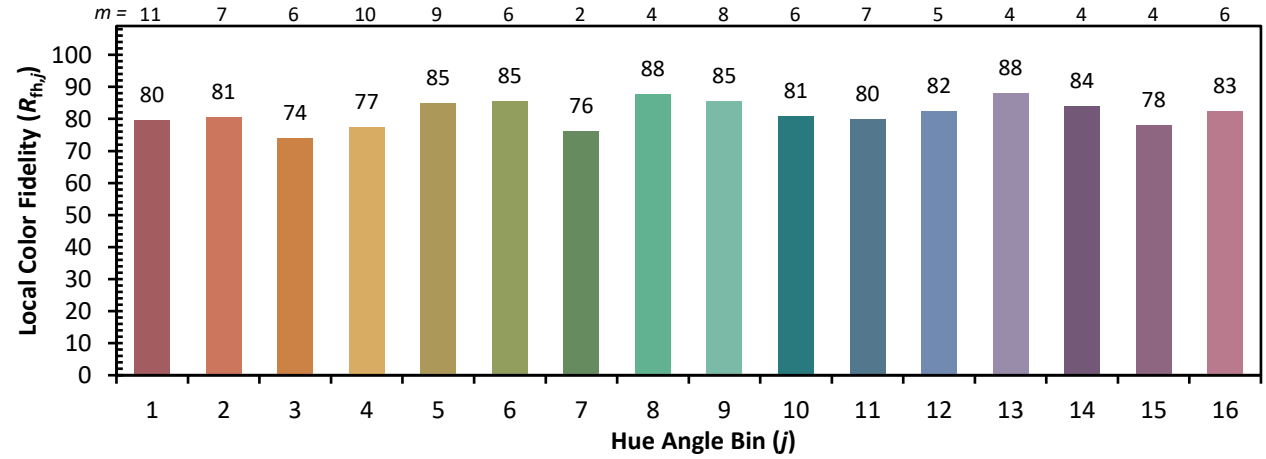
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Color Rendition by Hue-Angle Bin



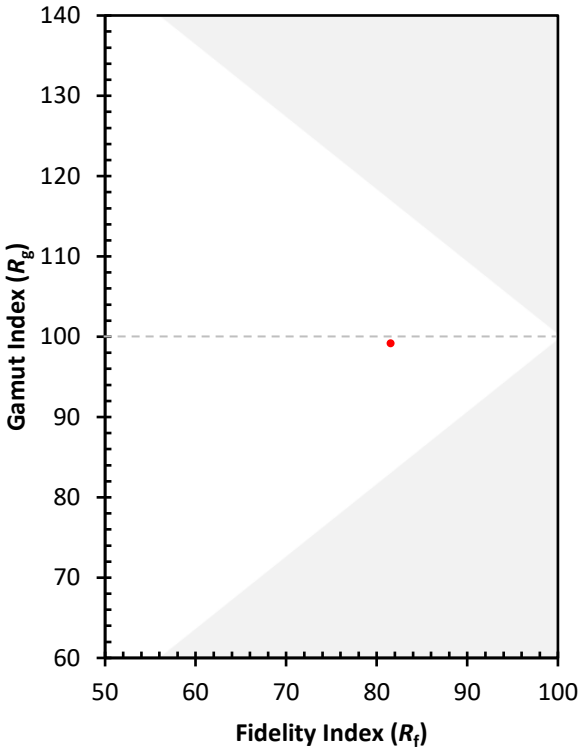


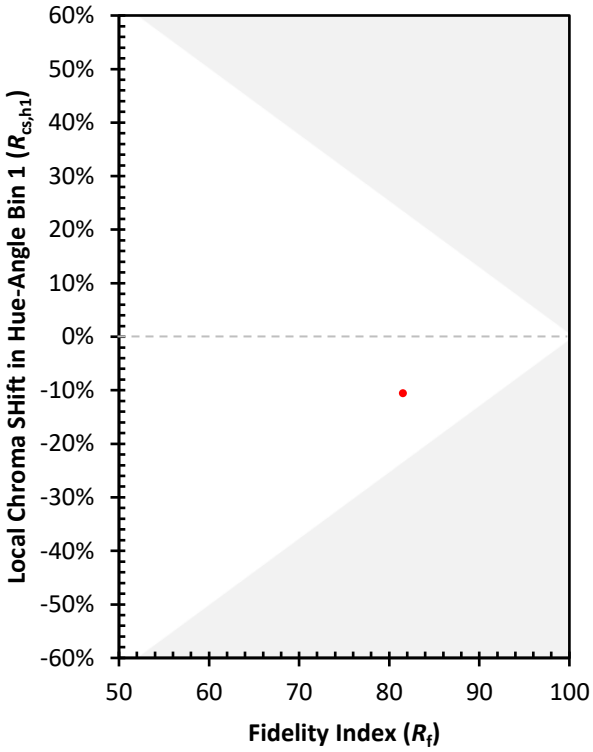


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Measure Comparisons





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