Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1201623

Luminaire Tested: GWC-SB1B-830-U-T2

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:	P1201623
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-830-U-T2
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5040 lumens
Efficiency:	N/A
Efficacy:	126.6 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):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

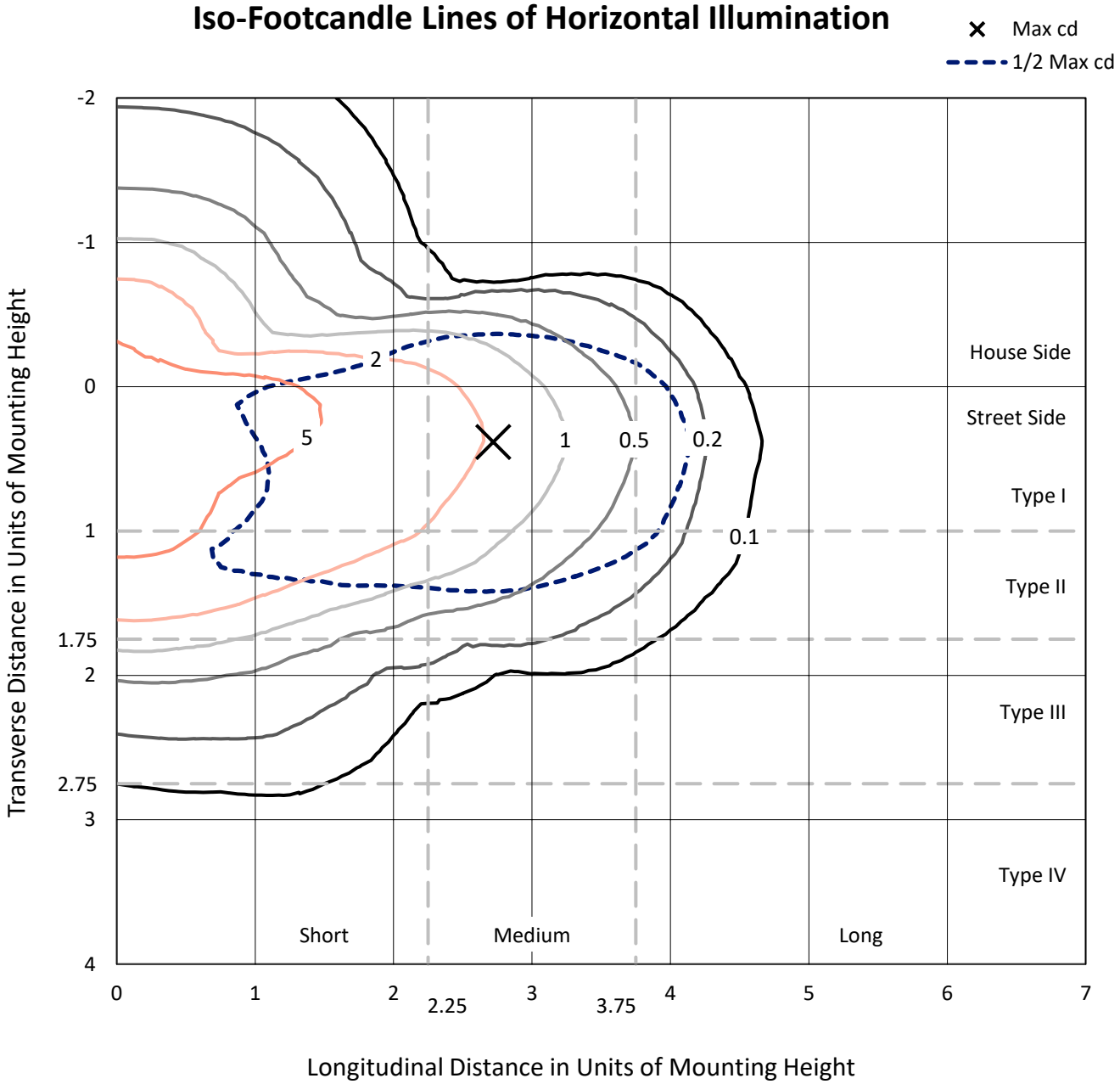


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Scaled Data Report

REPORT NUMBER: P1201623
CATALOG NUMBER: GWC-SB1B-830-U-T2

Iso-Footcandle Lines of Horizontal Illumination



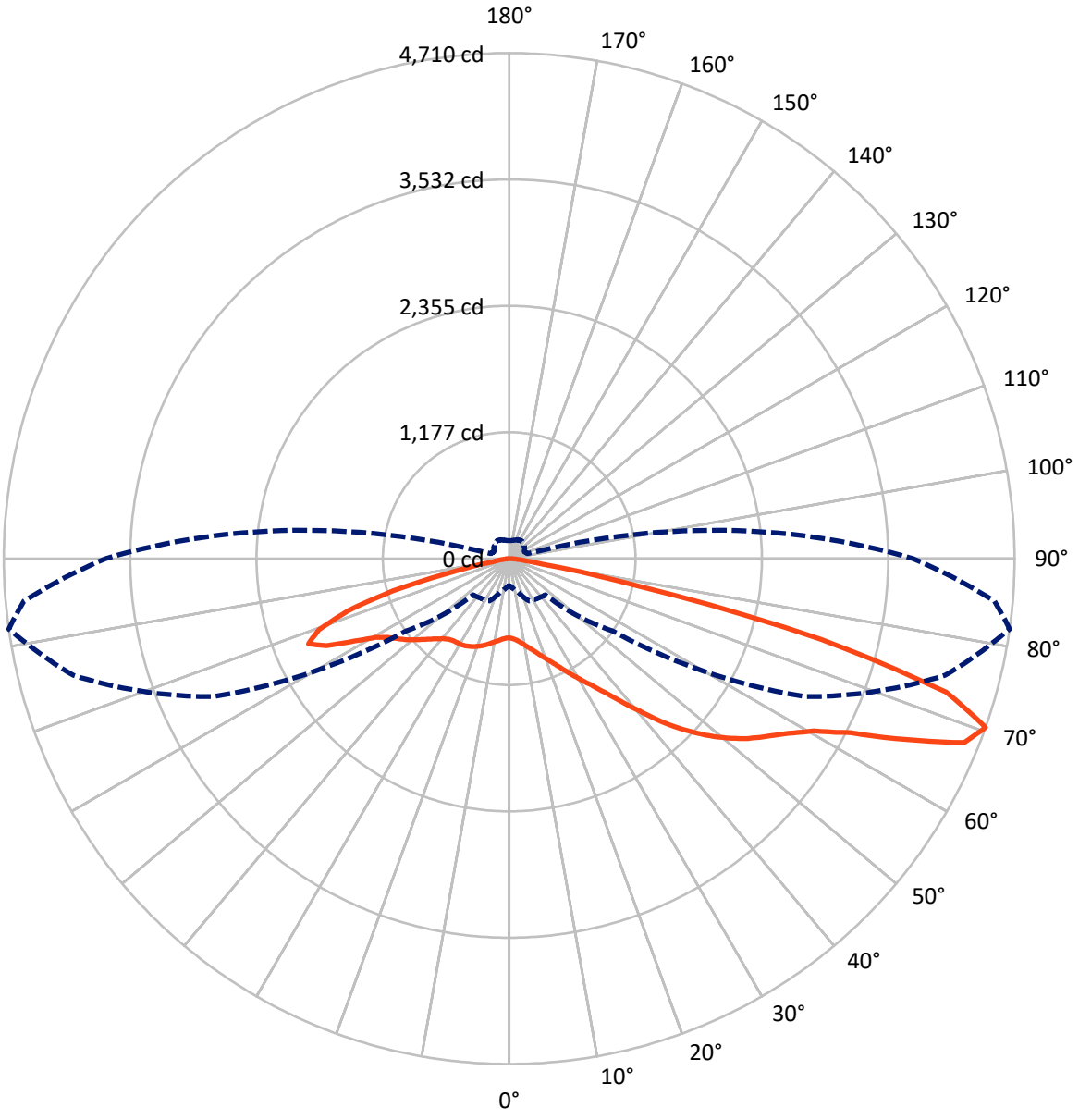
Based on 10 foot mounting height. Maximum calculated value = 8.1 fc
Type II - Medium - N/A

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Scaled Data Report

REPORT NUMBER: P1201623
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Luminous Intensity Polar Plot



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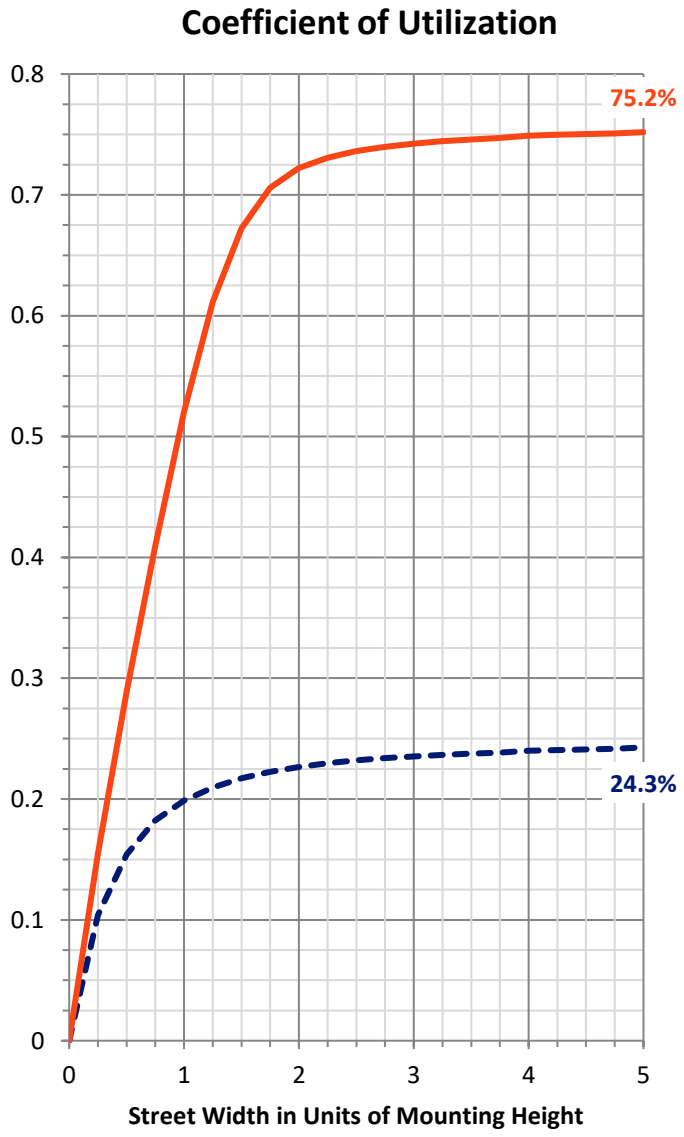
REPORT NUMBER: P1201623
CATALOG NUMBER: GWC-SB1B-830-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1242.5	0.0	1242.5
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	3797.5	0.0	3797.5
	% Fixture	75.3	0.0	75.3
Total	Lumens	5040.0	0.0	5040.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.8	1.4
10°-20°	200.4	4.0
20°-30°	335.3	6.7
30°-40°	523.9	10.4
40°-50°	834.3	16.6
50°-60°	1161.1	23.0
60°-70°	1214.5	24.1
70°-80°	634.8	12.6
80°-90°	65.9	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°	5040.0	100.0
0°-180°	5040.0	100.0



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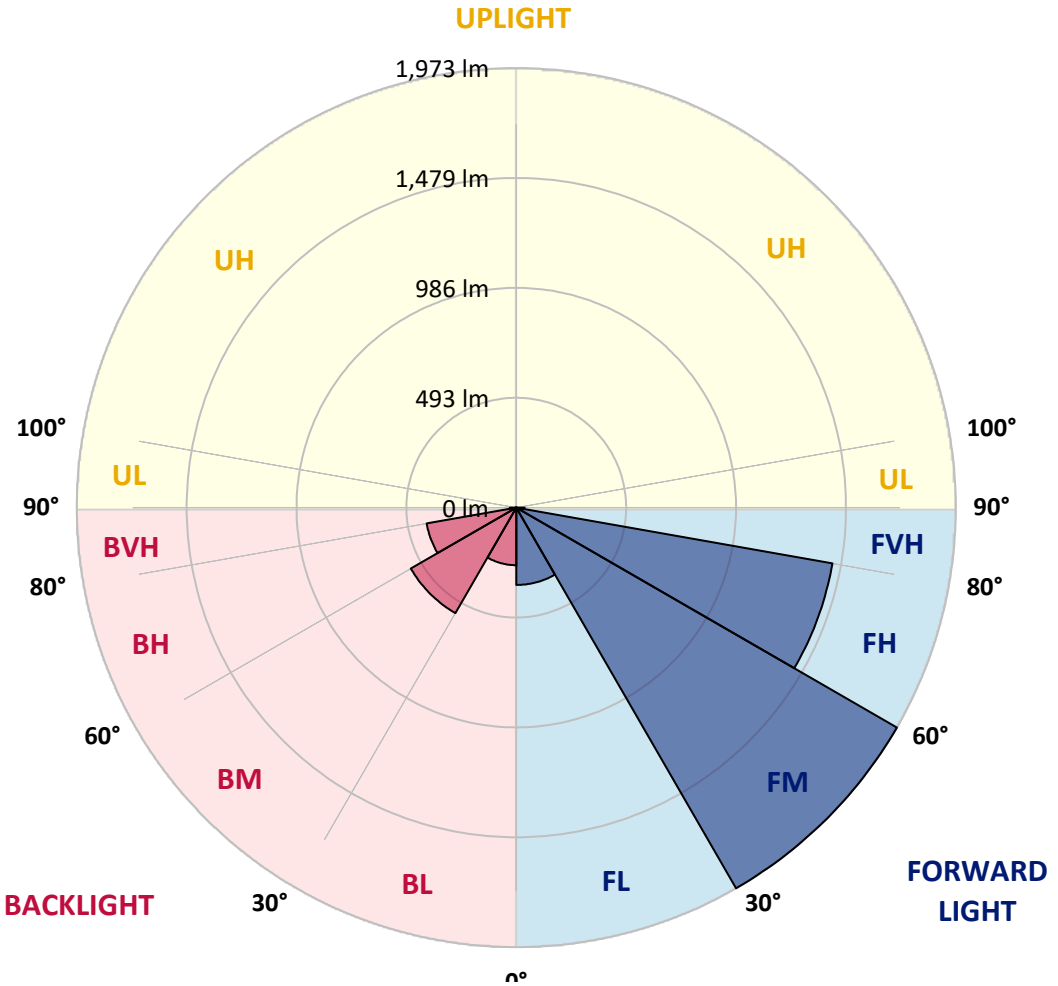
Scaled Data Report

REPORT NUMBER: P1201623
CATALOG NUMBER: GWC-SB1B-830-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	347.1	6.9			
FM	(30°-60°)	1972.6	39.1			
FH	(60°-80°)	1440.9	28.6			G1/1800
FVH	(80°-90°)	36.9	0.7			G1/100
BL	(0°-30°)	258.5	5.1	B1/500		
BM	(30°-60°)	546.6	10.8	B1/1000		
BH	(60°-80°)	408.3	8.1	B1/500		G1/500
BVH	(80°-90°)	29.0	0.6			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: P1201623
CATALOG NUMBER: GWC-SB1B-830-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	738.9	738.9	738.9	738.9	738.9	738.9	738.9	738.9	738.9	*738.9*	738.9
2.5°	756.6	760.9	759.5	758.2	758.2	756.3	756.0	753.4	751.2	*747.8*	747.0
5°	766.2	770.8	770.2	771.3	774.8	775.6	776.4	774.8	770.5	*766.2*	764.3
7.5°	757.6	762.7	764.3	770.8	781.4	791.1	798.3	801.2	797.2	*791.1*	788.1
10°	728.8	734.4	740.0	755.2	774.2	797.0	816.2	827.7	826.9	*821.0*	815.9
12.5°	670.2	676.1	688.1	717.8	752.6	792.7	828.5	852.6	860.9	*856.6*	847.8
15°	623.4	628.5	637.6	668.1	713.3	774.2	833.1	879.9	901.0	*898.6*	887.9
17.5°	622.1	624.2	629.8	644.3	679.0	745.3	828.3	906.6	947.0	*946.7*	933.4
20°	645.6	646.4	649.6	652.5	672.3	723.4	815.9	928.8	998.6	*998.6*	984.2
22.5°	678.2	677.7	680.9	678.2	687.8	721.5	808.2	948.3	1056.1	*1060.4*	1042.2
25°	727.2	724.5	723.7	717.5	719.4	738.9	816.8	970.5	1124.3	*1133.1*	1110.4
27.5°	792.4	788.1	785.2	771.0	766.2	774.8	843.0	997.3	1200.3	*1215.5*	1186.6
30°	877.5	869.7	865.4	840.8	823.4	824.8	882.5	1032.8	1279.7	*1304.3*	1267.6
32.5°	993.5	981.5	970.0	929.6	897.8	887.4	933.6	1082.0	1365.8	*1405.1*	1358.0
35°	1123.5	1113.9	1101.6	1039.3	990.3	966.2	1002.6	1150.8	1466.6	*1528.9*	1467.7
37.5°	1248.7	1240.4	1246.3	1162.3	1099.2	1064.1	1093.0	1243.0	1591.0	*1683.0*	1605.2
40°	1378.1	1371.7	1372.5	1292.3	1218.7	1179.4	1202.7	1358.8	1733.5	*1866.2*	1770.4
42.5°	1518.8	1514.0	1497.9	1426.8	1344.1	1307.5	1328.9	1492.6	1886.5	*2074.8*	1951.8
45°	1676.3	1673.4	1658.4	1576.8	1482.1	1440.9	1469.8	1640.2	2040.3	*2271.1*	2133.9
47.5°	1812.4	1814.8	1813.0	1744.2	1646.1	1585.6	1620.1	1794.2	2183.4	*2455.6*	2308.5
50°	1877.9	1890.5	1909.0	1887.6	1826.6	1765.1	1771.8	1942.9	2319.7	*2628.6*	2475.9
52.5°	1843.7	1867.5	1917.8	1952.0	1975.6	1962.7	1944.8	2090.6	2448.1	*2784.8*	2634.2
55°	1716.1	1749.6	1833.0	1915.6	2035.7	2129.1	2152.6	2254.2	2573.3	*2922.3*	2784.0
57.5°	1483.7	1538.0	1612.9	1780.1	1982.2	2209.6	2394.9	2481.3	2705.9	*3069.1*	2940.7
60°	1085.3	1158.0	1251.1	1499.8	1795.0	2166.5	2601.1	2830.0	2894.5	*3259.2*	3144.8
62.5°	694.5	739.5	825.0	1059.3	1398.7	1945.9	2664.2	3265.9	3214.1	*3571.1*	3450.7
65°	475.5	504.4	582.7	714.3	904.2	1448.4	2495.2	3592.7	3721.6	*4065.3*	3973.8
67.5°	345.5	367.5	434.3	549.6	589.2	857.1	1936.2	3577.8	4215.1	*4574.5*	4432.2
70°	*251.9*	*267.4*	*323.6*	*434.3*	*453.3*	*476.8*	*1173.0*	*3041.3*	*4204.4*	*4709.8*	*4539.5*
72.5°	186.7	197.4	235.1	337.0	366.9	322.0	580.6	2210.4	3612.8	*4260.0*	4123.3
75°	135.1	143.1	170.9	257.8	293.6	245.2	289.6	1291.7	2520.1	*2996.6*	3020.7
77.5°	103.2	109.4	127.6	188.8	235.1	184.0	179.7	594.2	1194.9	*1200.8*	1268.2
80°	82.9	86.9	96.8	132.9	180.3	137.7	117.1	239.9	377.6	*319.6*	335.4
82.5°	61.0	67.7	81.8	93.3	128.9	94.9	71.4	121.1	143.6	*123.6*	124.6
85°	34.8	39.3	49.5	66.9	82.4	58.0	40.9	53.8	66.9	*54.8*	48.9
87.5°	12.3	16.0	17.4	26.2	35.8	24.1	15.8	15.5	21.9	*16.3*	13.6
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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Scaled Data Report

REPORT NUMBER: P1201623
CATALOG NUMBER: GWC-SB1B-830-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	738.9	738.9	738.9	738.9	738.9	738.9	738.9	738.9	738.9	738.9	738.9
2.5°	744.3	742.9	737.6	730.4	722.9	715.7	713.3	708.2	704.7	702.8	705.0
5°	759.3	755.0	742.4	726.4	709.5	691.3	678.5	666.7	658.2	650.1	653.3
7.5°	780.6	773.2	751.5	723.4	693.5	663.2	640.8	623.7	612.2	604.7	606.3
10°	805.5	794.0	760.9	718.9	672.6	629.3	602.8	588.1	580.9	576.9	577.9
12.5°	834.1	817.8	770.5	708.4	640.8	591.3	573.1	568.8	569.1	569.4	569.9
15°	869.4	846.7	778.2	685.7	599.3	562.2	558.9	565.9	573.1	576.6	576.3
17.5°	909.3	877.2	779.6	648.3	558.7	543.4	553.6	568.6	579.5	584.3	585.4
20°	952.1	908.2	769.9	595.3	525.2	528.2	546.4	565.6	577.7	583.8	585.4
22.5°	1001.0	941.4	747.0	539.7	498.0	511.6	533.0	551.7	564.3	570.4	572.0
25°	1056.9	978.6	710.8	492.9	474.4	492.9	514.3	529.8	540.0	545.6	547.2
27.5°	1119.0	1017.3	662.7	455.7	453.8	473.6	491.3	503.3	508.7	512.9	514.5
30°	1181.3	1052.6	604.4	427.6	435.9	454.6	467.2	472.6	474.2	475.0	476.8
32.5°	1248.7	1083.1	543.2	404.4	418.8	436.2	443.7	446.1	438.6	433.5	435.1
35°	1330.2	1115.7	483.3	385.9	402.0	416.9	419.3	417.2	408.4	397.9	398.5
37.5°	1431.1	1156.4	435.4	372.8	386.2	396.1	393.1	392.6	393.4	381.1	381.9
40°	1554.6	1209.3	400.4	362.6	373.3	375.5	367.2	371.7	375.7	357.0	357.6
42.5°	1691.8	1273.3	378.2	355.7	362.6	357.6	344.7	349.8	349.3	324.7	324.4
45°	1831.7	1342.8	370.4	350.6	352.7	342.6	328.4	329.7	318.5	296.3	297.1
47.5°	1970.7	1417.4	375.2	346.3	340.4	328.9	318.0	312.1	295.5	278.9	278.9
50°	2107.1	1495.8	392.9	337.8	323.6	316.9	308.9	298.5	280.8	266.6	265.6
52.5°	2233.6	1574.7	412.7	323.6	302.5	306.5	301.4	289.4	272.0	257.5	257.8
55°	2353.4	1653.6	420.4	304.1	282.7	297.4	294.4	272.3	251.4	239.6	238.6
57.5°	2484.0	1748.5	411.9	279.2	266.6	287.0	275.7	251.1	239.1	230.3	229.5
60°	2664.7	1897.5	393.4	248.4	251.4	271.4	252.2	242.0	228.9	219.0	218.5
62.5°	2965.1	2175.3	363.7	218.0	233.5	248.4	241.0	230.8	217.4	207.8	207.8
65°	3409.0	2561.5	307.8	194.2	213.4	226.0	228.9	218.8	204.9	194.7	195.2
67.5°	3783.4	2803.8	232.9	174.4	192.8	207.8	216.1	206.2	191.5	181.6	181.9
70°	*3762.8*	*2627.8*	*177.8*	*154.8*	*174.6*	*189.9*	*200.6*	*192.8*	*177.0*	*167.7*	*168.5*
72.5°	3342.2	2198.3	143.9	135.1	156.2	171.2	184.0	178.1	162.1	153.0	153.0
75°	2455.3	1560.5	115.0	115.0	133.2	151.6	165.8	162.1	147.4	140.9	139.1
77.5°	1035.0	654.7	90.1	95.5	110.7	130.2	147.9	149.2	136.4	144.4	131.0
80°	275.2	180.5	68.7	75.1	86.9	107.5	128.6	128.1	114.2	106.7	99.2
82.5°	104.8	71.1	48.9	53.0	62.8	82.4	101.9	105.1	91.2	78.9	78.9
85°	40.4	30.5	30.2	31.8	36.6	54.6	77.0	79.7	68.7	58.3	60.2
87.5°	10.4	9.1	11.2	10.7	16.8	29.2	44.1	45.7	42.0	24.3	34.8
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

0

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

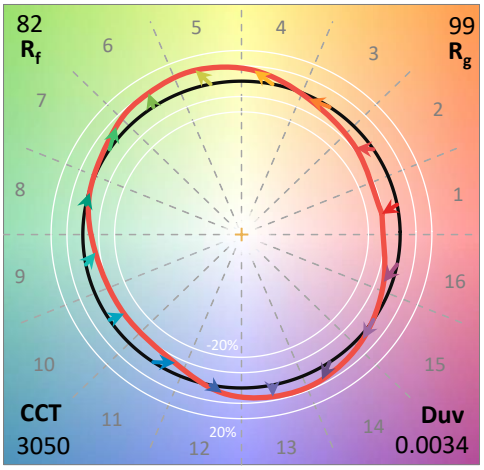
Test Information

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

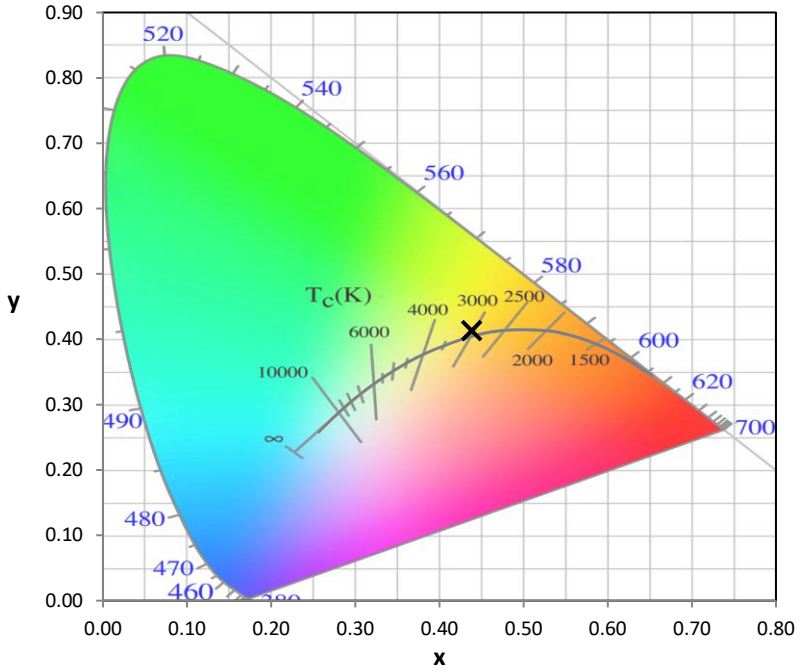
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

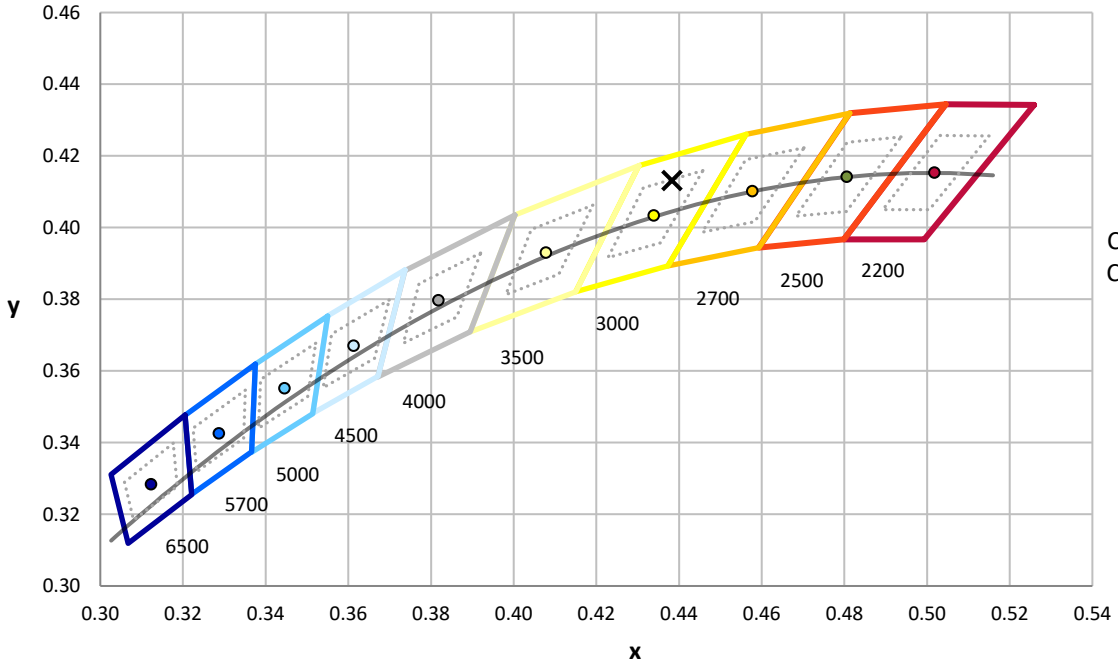
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

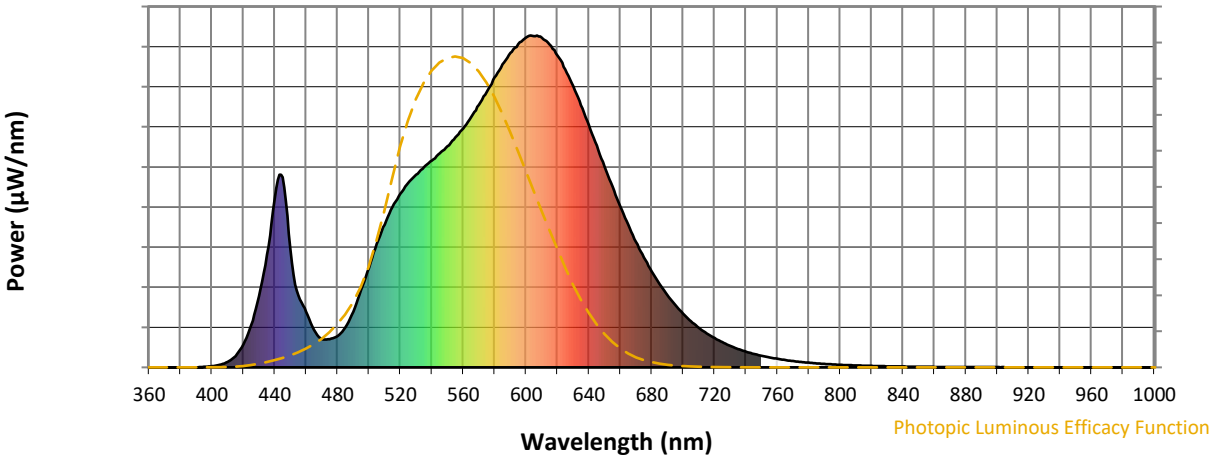


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

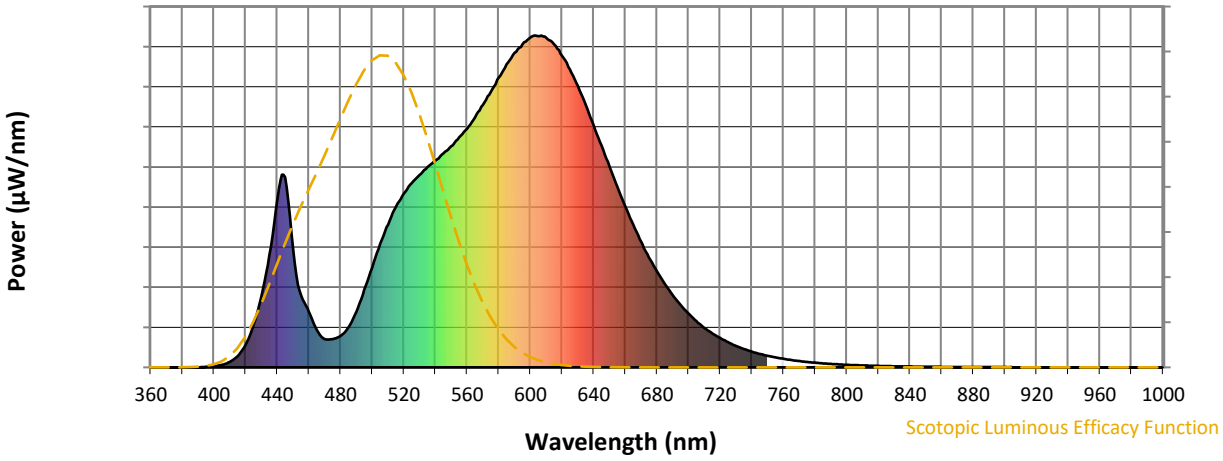


Photopic Lumens: NR

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

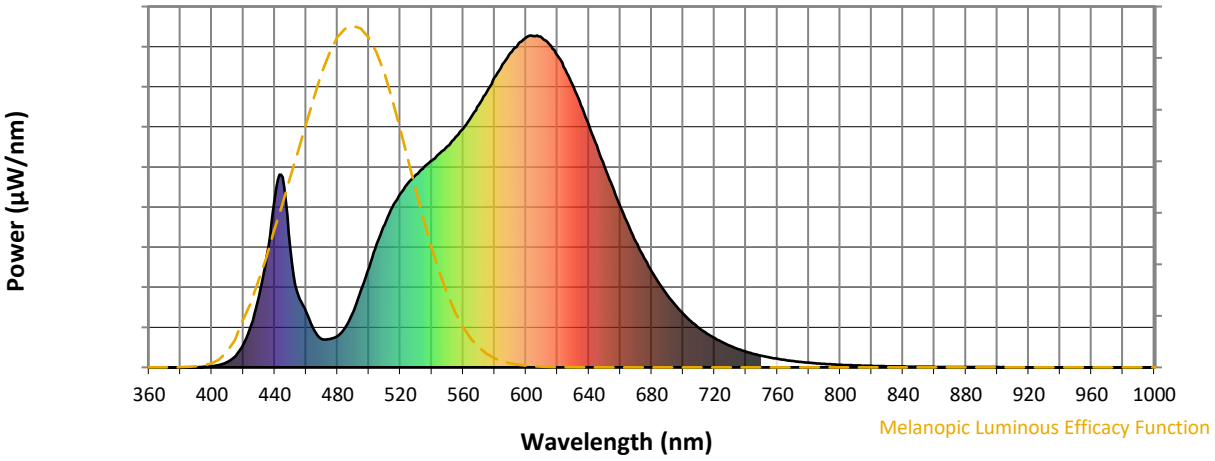


Scotopic Lumens: NR **S/P: 1.27**

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			

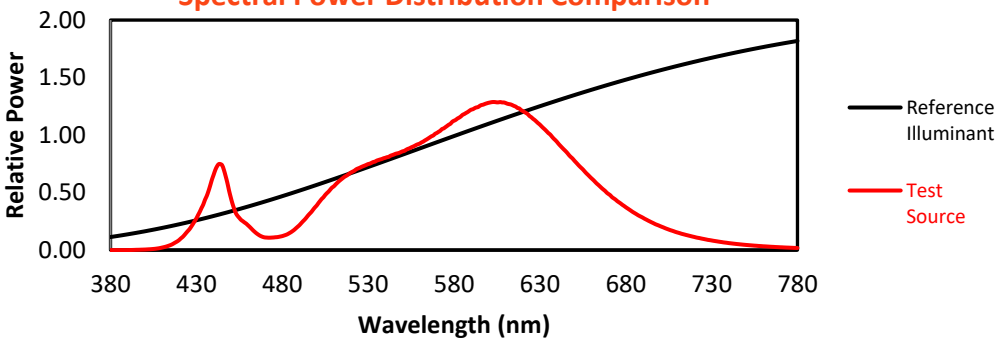
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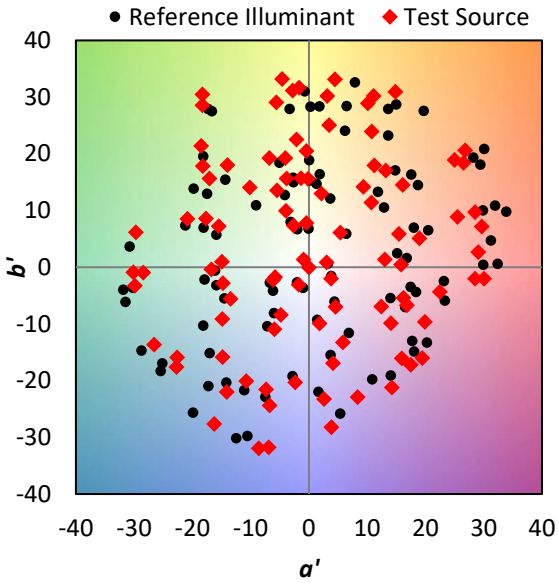
Summary

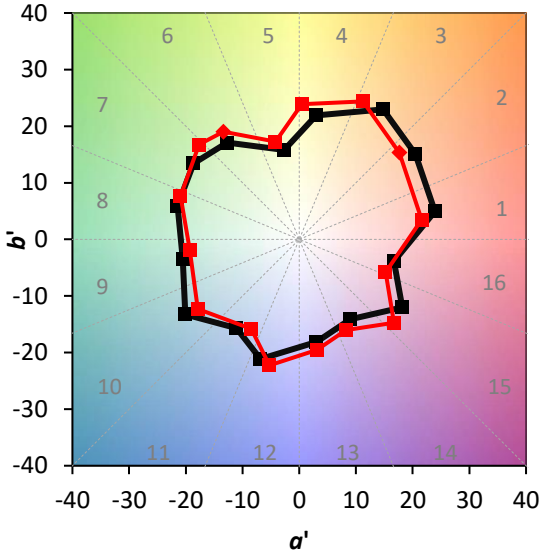
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

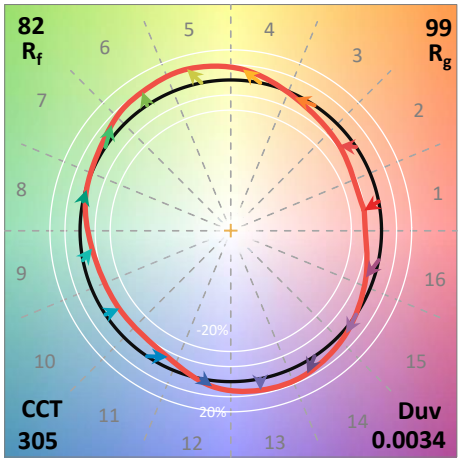
Spectral Power Distribution Comparison

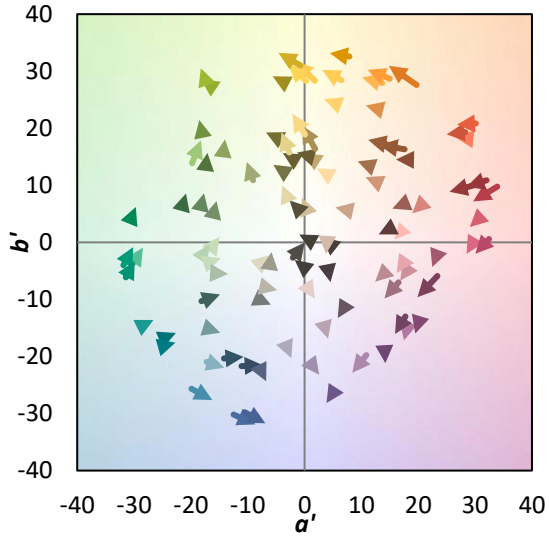


Color Vector Graphics







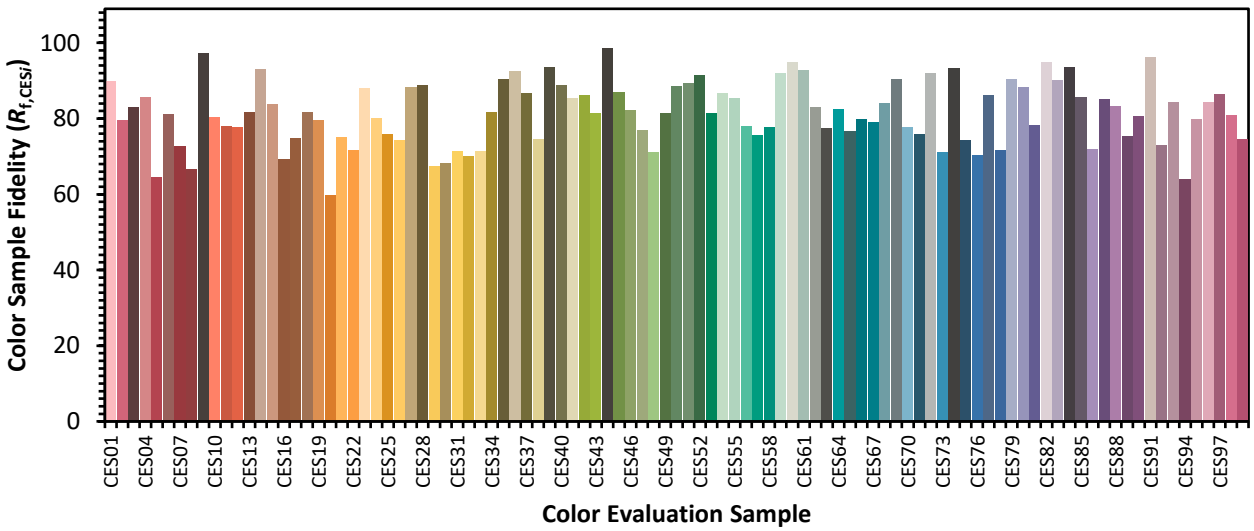


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Individual Sample Fidelity Index ($R_{f,i}$)

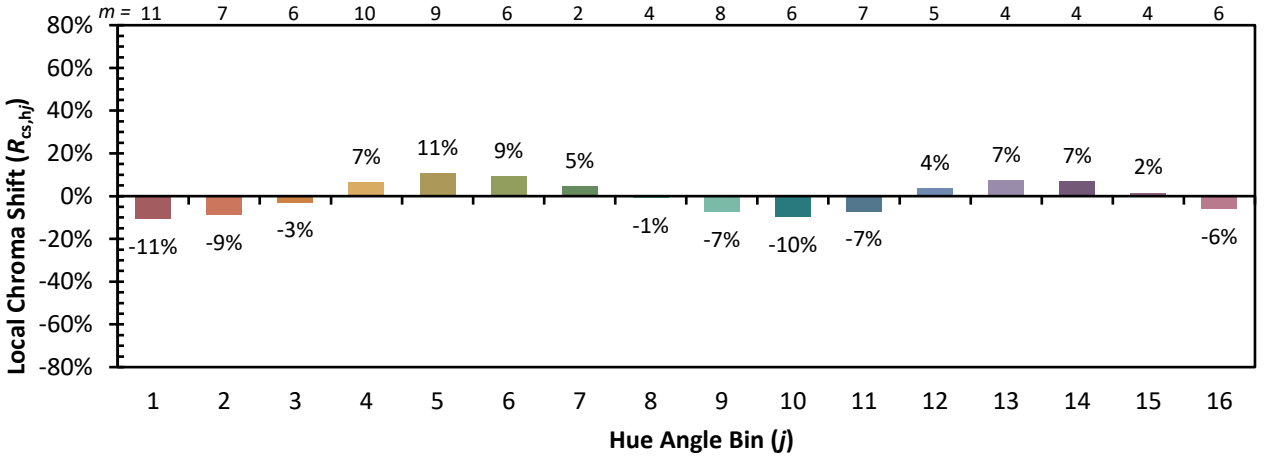
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

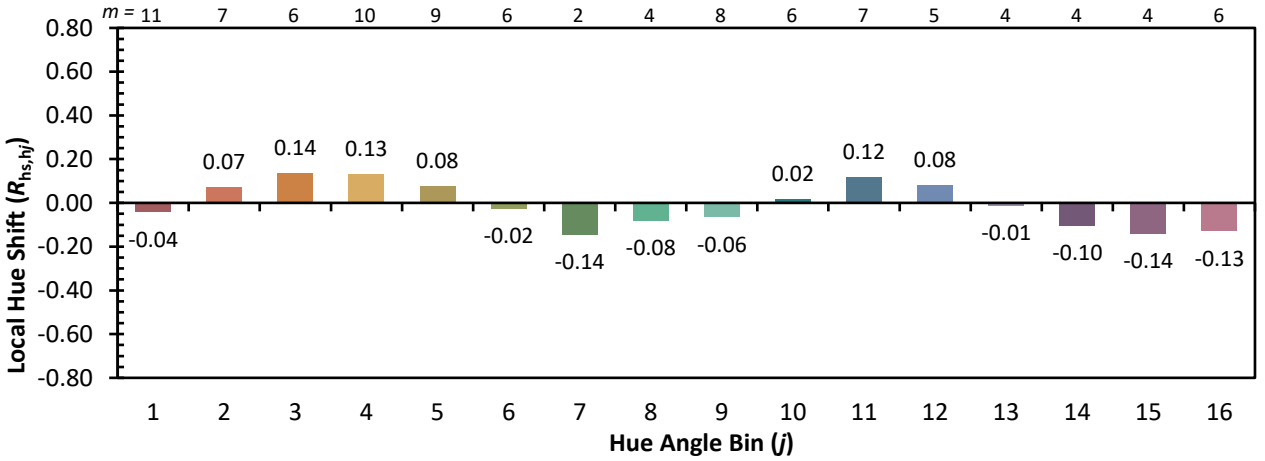


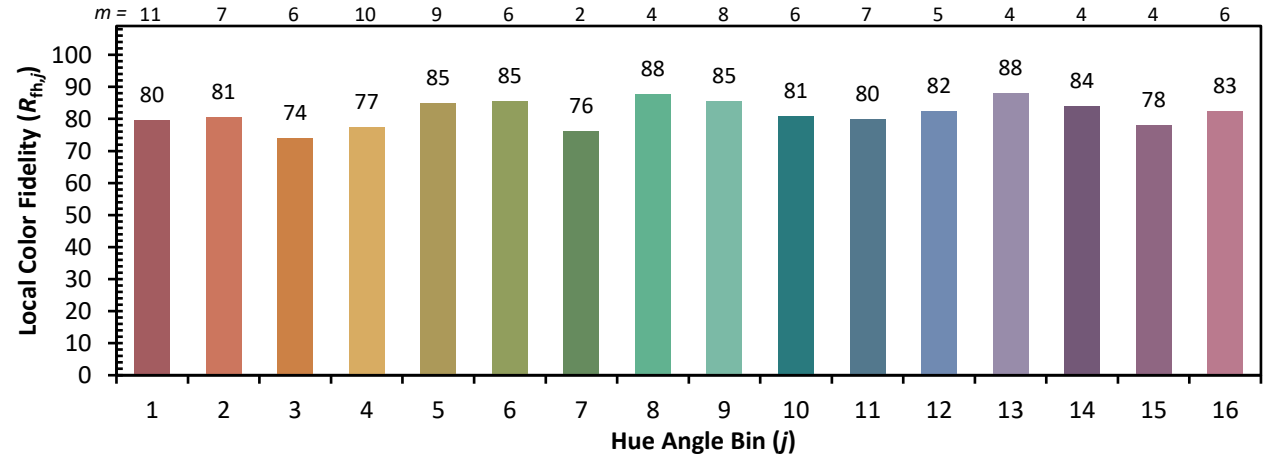
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Color Rendition by Hue-Angle Bin



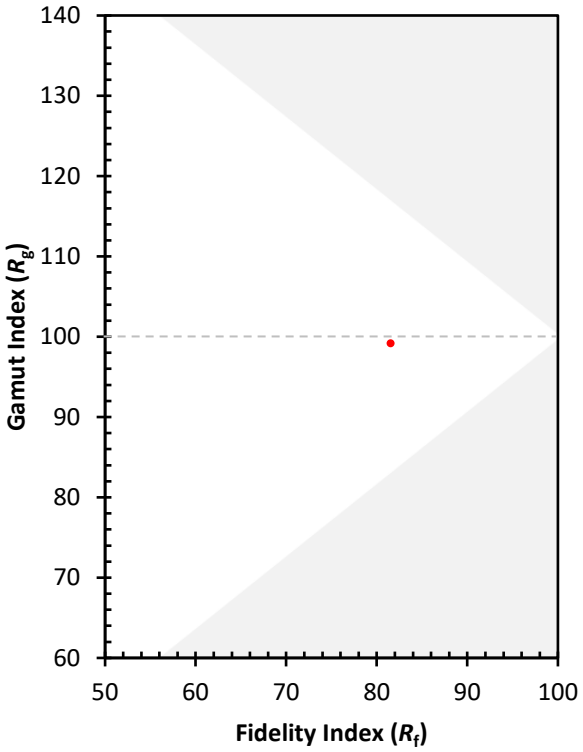


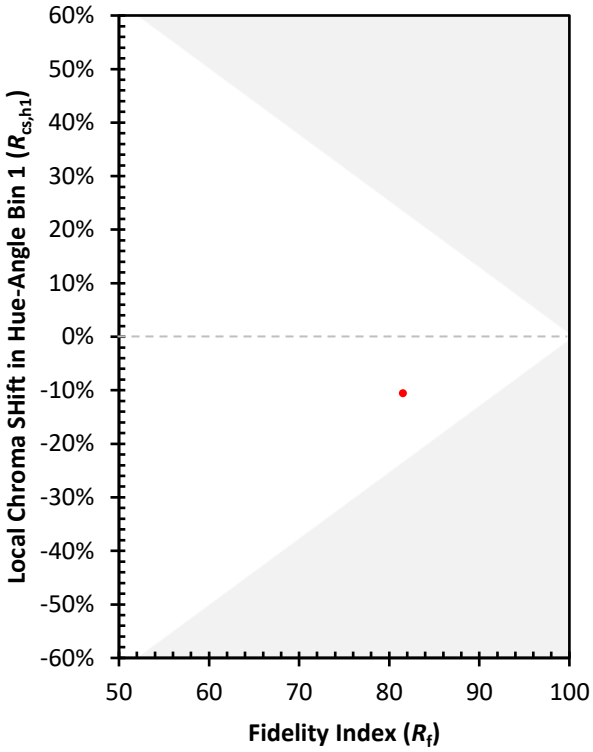


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Measure Comparisons





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