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: P1201625

Luminaire Tested: GWC-SB1B-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:	P1201625
	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-SB1B-830-U-T3
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5090 lumens
Efficiency:	N/A
Efficacy:	127.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
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

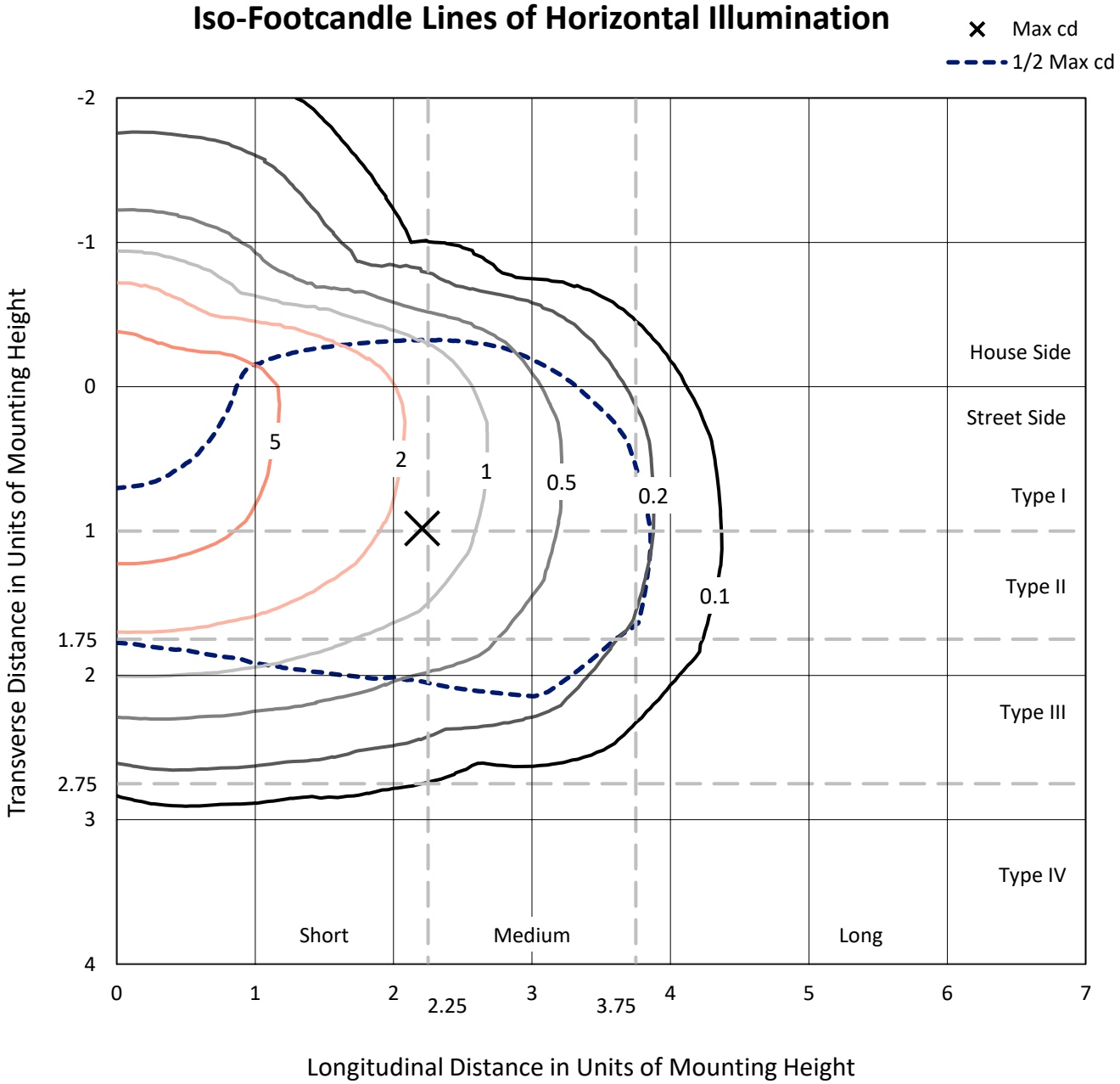


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Scaled Data Report

REPORT NUMBER: P1201625
CATALOG NUMBER: GWC-SB1B-830-U-T3

Iso-Footcandle Lines of Horizontal Illumination



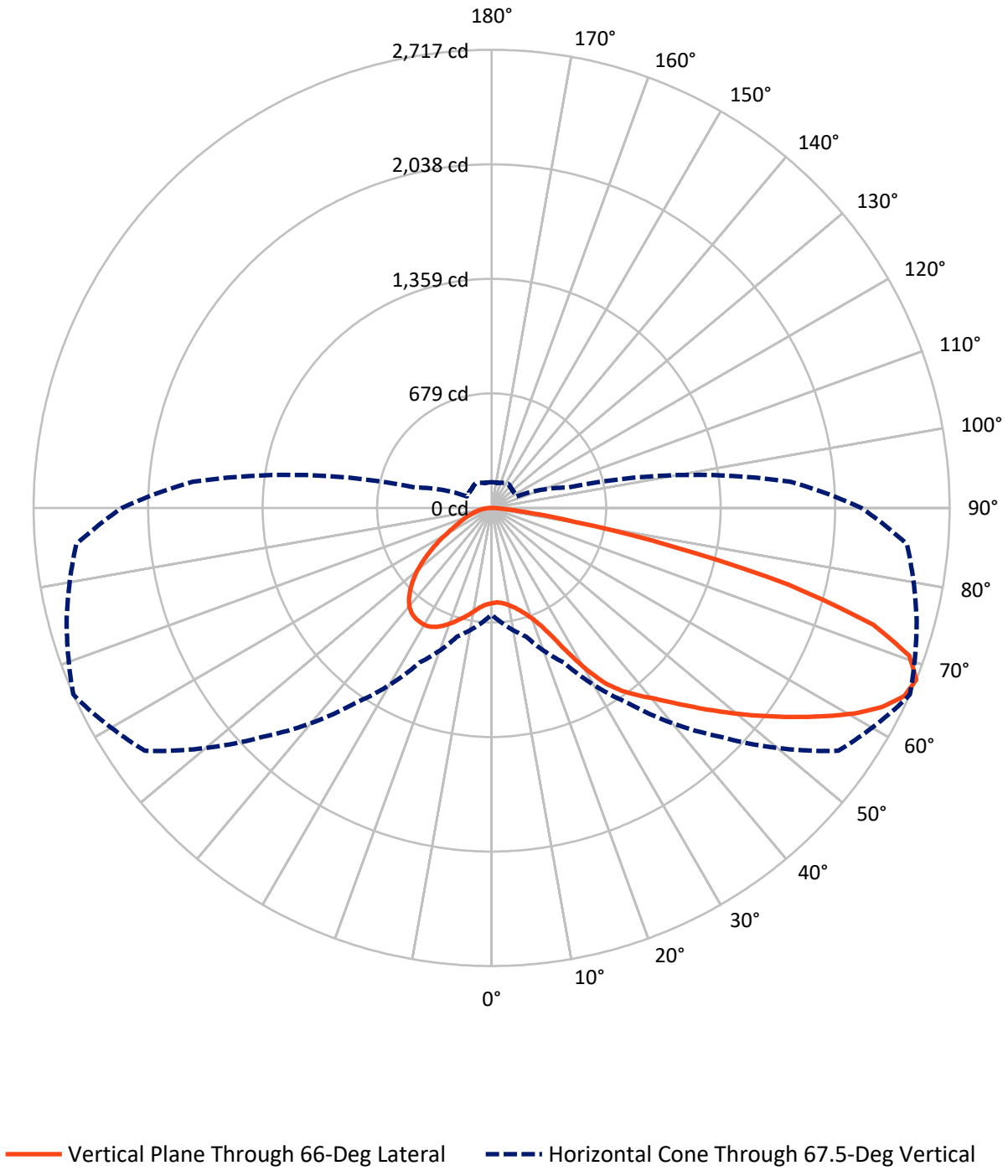
Based on 10 foot mounting height. Maximum calculated value = 7.3 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

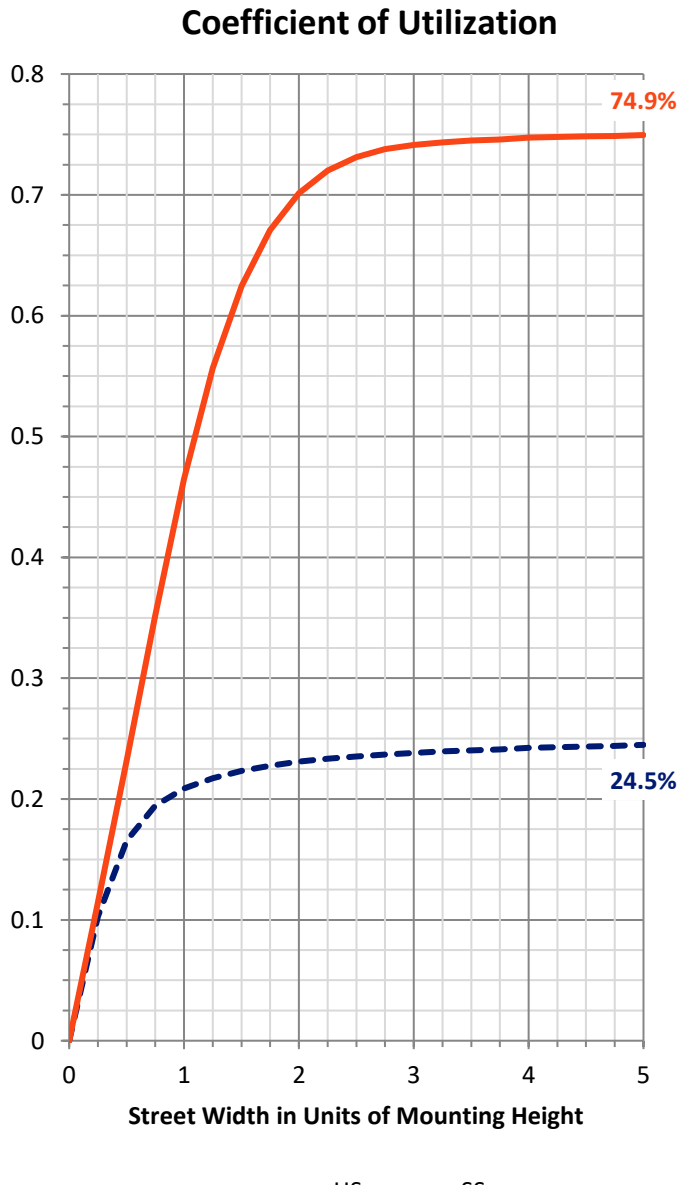
REPORT NUMBER: P1201625
CATALOG NUMBER: GWC-SB1B-830-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1265.6	0.0	1265.6
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	3824.4	0.0	3824.4
	% Fixture	75.1	0.0	75.1
Total	Lumens	5090.0	0.0	5090.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.0	1.1
10°-20°	184.9	3.6
20°-30°	356.4	7.0
30°-40°	625.0	12.3
40°-50°	929.1	18.3
50°-60°	1177.7	23.1
60°-70°	1152.4	22.6
70°-80°	549.7	10.8
80°-90°	58.7	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°	5090.0	100.0
0°-180°	5090.0	100.0



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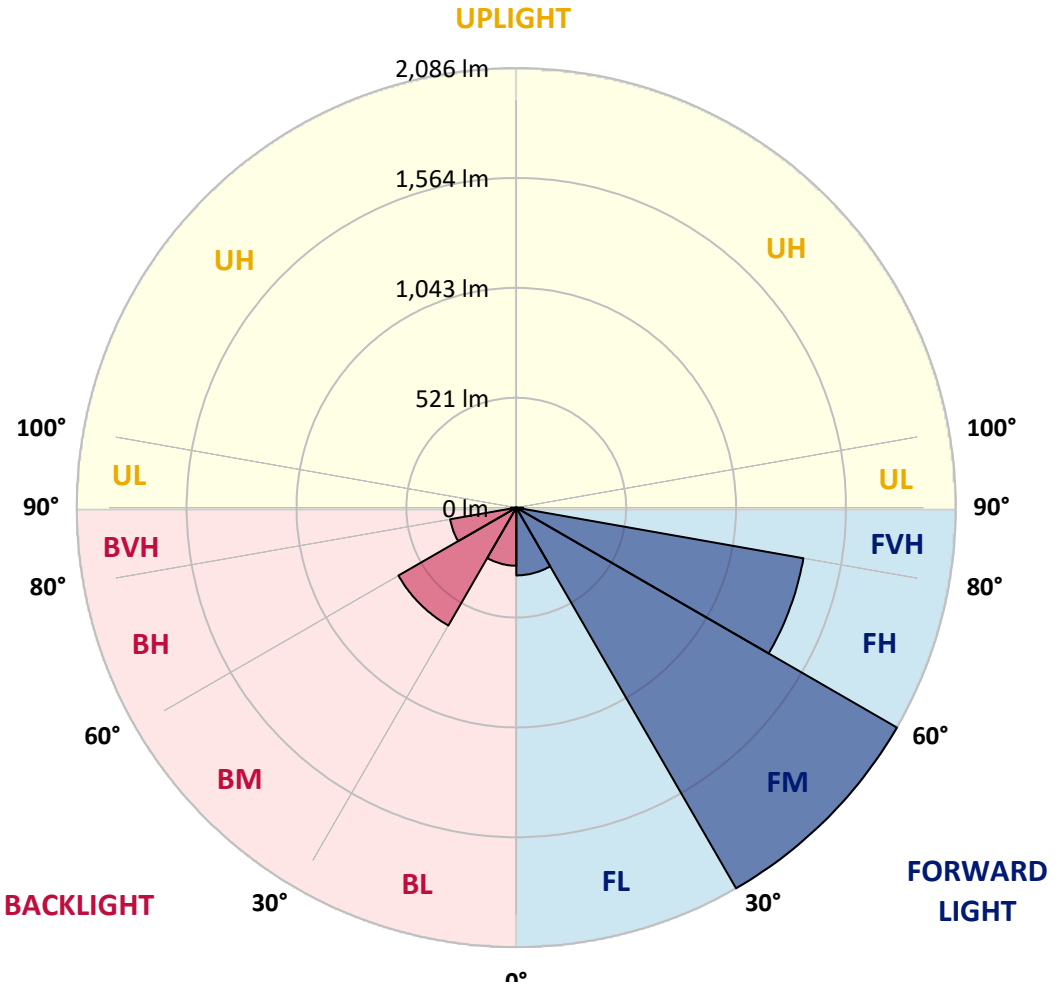
Scaled Data Report

REPORT NUMBER: P1201625
CATALOG NUMBER: GWC-SB1B-830-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	321.6	6.3			
FM	(30°-60°)	2085.8	41.0			
FH	(60°-80°)	1383.6	27.2			G1/1800
FVH	(80°-90°)	33.3	0.7			G1/100
BL	(0°-30°)	275.7	5.4	B1/500		
BM	(30°-60°)	646.0	12.7	B1/1000		
BH	(60°-80°)	318.5	6.3	B1/500		G1/500
BVH	(80°-90°)	25.4	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 III Short



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Scaled Data Report

REPORT NUMBER: P1201625
CATALOG NUMBER: GWC-SB1B-830-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	564.5	564.5	564.5	564.5	564.5	564.5	564.5	564.5	*564.5*	564.5	564.5
2.5°	558.7	561.9	561.1	559.7	559.5	560.0	560.8	561.6	*561.3*	562.7	564.8
5°	557.1	560.3	560.0	560.0	561.1	563.2	564.5	565.9	*564.5*	566.2	569.1
7.5°	558.1	560.5	561.6	562.7	565.4	569.4	572.6	575.5	*573.9*	575.8	579.5
10°	571.8	573.6	574.7	574.7	576.6	581.1	584.3	589.7	*588.3*	591.3	596.1
12.5°	596.6	598.5	598.5	597.4	598.8	601.7	602.8	608.7	*606.3*	611.1	615.9
15°	627.1	630.9	627.9	626.1	626.6	629.5	629.3	633.8	*631.4*	635.4	639.7
17.5°	660.8	665.6	660.8	660.6	659.5	662.7	663.0	667.0	*662.7*	665.6	668.6
20°	700.7	707.4	703.3	704.7	702.3	703.6	704.9	710.8	*704.1*	706.3	705.5
22.5°	756.8	764.9	760.6	765.7	764.1	763.0	762.7	773.1	*762.7*	763.5	755.8
25°	838.7	848.3	840.8	847.8	847.8	851.2	855.2	868.6	*851.2*	846.2	826.1
27.5°	959.5	969.2	954.5	958.7	957.4	966.0	961.7	994.8	*976.1*	967.8	927.5
30°	1105.0	1122.1	1094.3	1093.3	1091.9	1105.6	1111.7	1133.6	*1114.7*	1106.4	1057.7
32.5°	1262.3	1280.2	1247.0	1237.4	1232.3	1240.6	1235.5	1253.2	*1240.1*	1227.2	1167.1
35°	1428.6	1446.3	1414.7	1396.0	1375.7	1358.3	1340.1	1344.6	*1332.3*	1312.8	1250.5
37.5°	1585.9	1618.2	1584.8	1564.7	1527.3	1493.3	1442.5	1421.4	*1409.9*	1392.0	1329.1
40°	1746.1	1764.5	1739.1	1722.0	1681.3	1628.1	1546.8	1502.2	*1486.7*	1469.3	1416.1
42.5°	1864.0	1881.6	1868.0	1856.2	1824.4	1762.6	1657.5	1601.6	*1579.2*	1559.7	1514.5
45°	1957.6	1970.7	1962.1	1966.4	1952.8	1892.9	1772.3	1708.4	*1685.1*	1661.3	1625.7
47.5°	1995.3	2009.2	2022.9	2048.3	2071.5	2027.4	1895.6	1823.9	*1799.3*	1774.9	1739.9
50°	1991.0	2005.2	2044.8	2098.8	2171.0	2156.3	2025.5	1946.9	*1924.2*	1896.4	1864.0
52.5°	1956.8	1972.8	2023.7	2113.5	2228.5	2252.8	2157.9	2073.9	*2052.5*	2019.4	1987.0
55°	1866.9	1876.6	1952.8	2080.1	2242.1	2320.2	2287.6	2209.3	*2187.9*	2141.6	2106.3
57.5°	1700.3	1714.2	1825.2	1990.0	2207.9	2366.0	2401.5	2351.5	*2330.9*	2264.3	2227.4
60°	1482.9	1505.1	1632.1	1838.6	2120.7	2365.7	2505.0	2491.4	*2474.3*	2385.2	2346.7
62.5°	1236.9	1262.5	1384.8	1624.6	1968.3	2298.6	2569.8	2608.5	*2599.7*	2496.7	2447.5
65°	949.9	967.6	1089.2	1347.9	1731.1	2154.4	2577.2	2688.5	*2690.1*	2581.5	2500.2
67.5°	*632.5*	*683.3*	*788.9*	*1011.4*	*1413.4*	*1918.8*	*2511.5*	*2701.6*	*2717.1*	*2610.7*	*2473.7*
70°	308.6	375.5	479.0	657.3	1011.4	1557.5	2339.5	2594.1	*2628.6*	2525.6	2316.0
72.5°	128.1	149.8	206.2	324.4	580.6	1051.0	1994.0	2302.6	*2366.5*	2237.9	1947.2
75°	86.4	93.6	117.9	166.3	264.5	518.3	1438.0	1716.9	*1819.9*	1690.2	1381.6
77.5°	66.6	71.1	85.8	116.3	157.2	196.0	769.7	1034.7	*1087.9*	1007.1	718.9
80°	52.4	55.9	64.2	84.8	111.5	104.8	262.4	468.8	*499.6*	419.1	231.1
82.5°	45.5	46.8	46.0	57.5	74.1	61.2	86.1	173.0	*190.9*	138.5	75.4
85°	32.9	36.6	38.2	35.6	39.3	31.0	35.3	61.2	*67.4*	60.2	42.5
87.5°	13.4	19.8	24.3	23.0	14.4	8.8	11.0	17.9	*20.6*	22.5	13.9
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: P1201625
CATALOG NUMBER: GWC-SB1B-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	564.5	564.5	564.5	564.5	564.5	564.5	564.5	564.5	564.5	564.5	564.5
2.5°	565.1	567.0	568.3	569.9	571.0	572.6	575.8	577.7	577.9	579.3	579.0
5°	570.2	572.8	575.8	580.1	584.9	588.9	595.0	599.3	600.9	602.3	602.0
7.5°	581.1	584.9	590.2	597.7	604.7	610.0	617.5	622.6	627.7	629.5	629.8
10°	597.4	602.8	610.5	620.7	628.2	635.2	642.9	647.2	652.3	654.4	655.5
12.5°	617.8	623.4	633.5	647.7	654.7	659.5	662.2	661.1	662.2	664.0	664.6
15°	641.0	647.2	658.7	673.9	678.7	674.5	668.6	663.2	662.4	663.0	664.8
17.5°	668.6	673.1	686.5	699.3	695.9	678.2	665.4	656.8	652.5	651.2	653.1
20°	707.1	707.1	718.1	726.1	702.8	672.9	652.8	638.9	630.1	626.3	625.5
22.5°	753.9	749.6	756.6	750.9	701.5	657.9	630.1	606.0	592.6	587.3	586.5
25°	813.3	808.2	806.3	771.5	691.8	634.1	588.9	559.7	548.0	545.0	545.6
27.5°	902.8	890.0	865.7	782.8	674.2	596.6	540.7	513.7	507.1	507.3	508.1
30°	1022.1	996.5	936.8	784.6	645.3	543.7	491.5	472.3	469.1	470.4	475.0
32.5°	1132.6	1108.2	1009.6	776.1	600.9	491.8	447.4	434.6	429.8	431.4	433.5
35°	1219.2	1212.5	1076.9	764.1	546.4	443.1	407.8	396.9	387.5	385.4	387.0
37.5°	1301.1	1298.4	1127.5	747.2	492.3	408.6	376.0	361.6	347.9	340.4	340.7
40°	1390.9	1388.2	1160.7	721.3	444.5	378.7	347.4	328.4	311.6	297.9	299.3
42.5°	1492.0	1476.2	1176.4	684.1	403.8	353.3	324.1	298.5	276.3	263.7	264.5
45°	1602.5	1566.9	1176.2	636.8	369.6	330.0	299.3	262.9	242.3	230.5	230.0
47.5°	1719.6	1653.5	1161.7	584.3	336.4	304.3	260.7	232.9	219.3	212.1	210.5
50°	1840.5	1734.6	1137.1	524.2	302.5	275.2	236.7	217.7	207.3	200.6	198.2
52.5°	1954.1	1808.1	1107.4	456.0	268.0	246.8	226.0	211.3	200.3	192.8	189.6
55°	2059.8	1871.5	1065.4	386.2	239.9	227.9	220.9	208.6	196.0	187.2	183.7
57.5°	2153.6	1912.7	993.0	320.7	219.8	214.7	215.5	204.1	189.6	182.1	177.3
60°	2231.7	1942.9	885.7	259.9	203.5	201.9	207.3	195.5	178.6	170.1	166.3
62.5°	2278.5	1942.4	754.2	212.9	189.6	190.1	196.3	184.8	167.7	159.7	157.2
65°	2274.5	1894.8	609.7	182.1	176.2	176.8	184.8	173.0	158.6	153.8	153.5
67.5°	*2194.0*	*1778.7*	*467.7*	*162.1*	*161.5*	*163.9*	*173.3*	*165.0*	*153.0*	*152.4*	*153.2*
70°	1976.1	1537.7	337.0	146.0	146.3	149.8	162.1	159.9	150.0	151.1	150.8
72.5°	1584.5	1172.4	226.2	129.2	129.4	135.1	151.4	155.9	147.1	161.3	163.4
75°	1055.3	731.2	145.5	111.3	111.5	118.7	142.0	148.2	139.1	160.7	162.1
77.5°	507.1	328.7	105.4	93.6	93.6	100.3	122.8	132.6	118.5	124.9	114.5
80°	175.2	123.6	82.9	75.4	73.8	78.4	103.5	115.0	102.2	94.1	88.3
82.5°	69.0	64.2	66.6	58.6	53.2	56.2	80.5	94.9	75.1	67.9	67.7
85°	39.6	41.7	47.1	38.8	30.8	34.5	59.1	68.2	56.7	50.0	51.1
87.5°	10.7	14.7	21.7	20.1	13.9	14.7	28.1	37.7	32.6	25.1	25.9
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

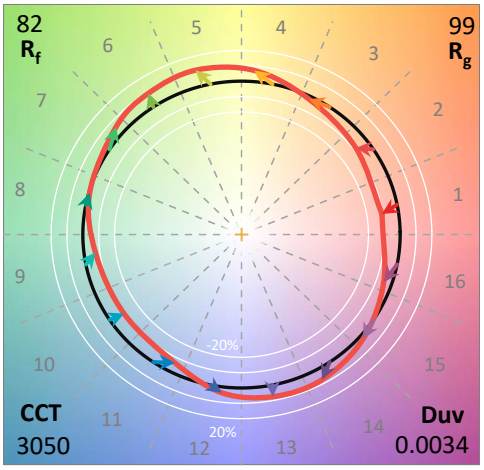
Test Information

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

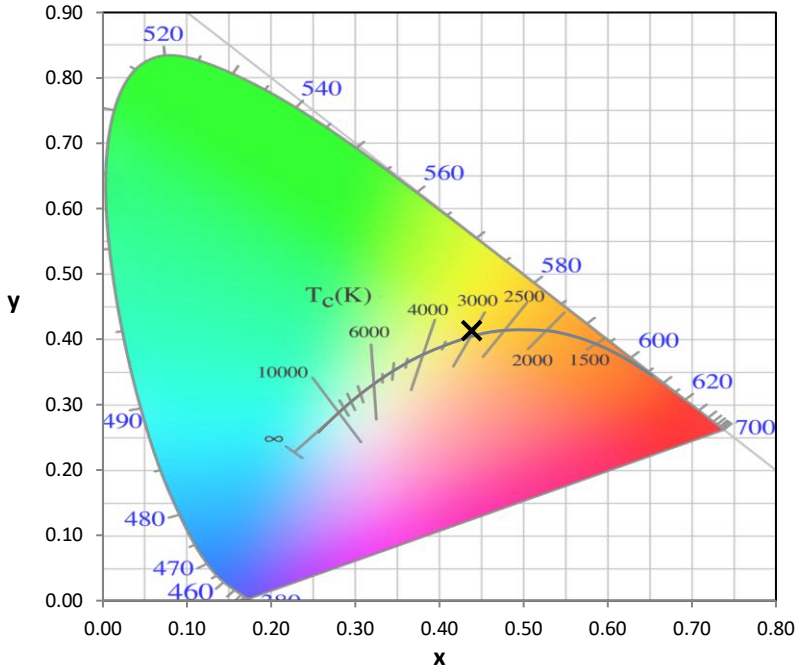
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

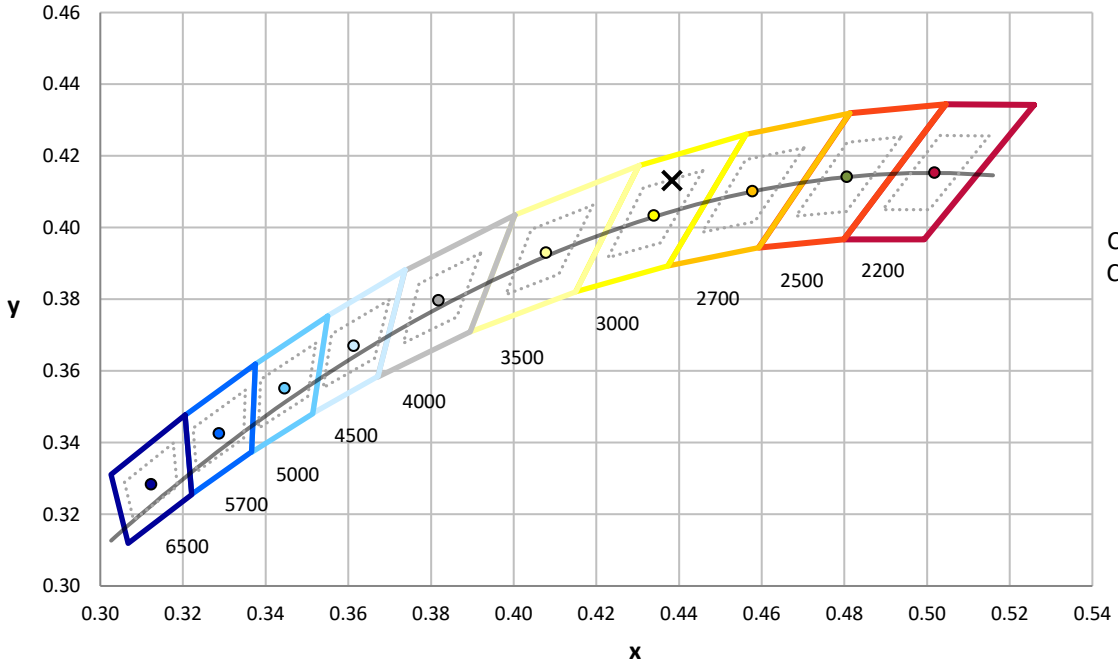
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

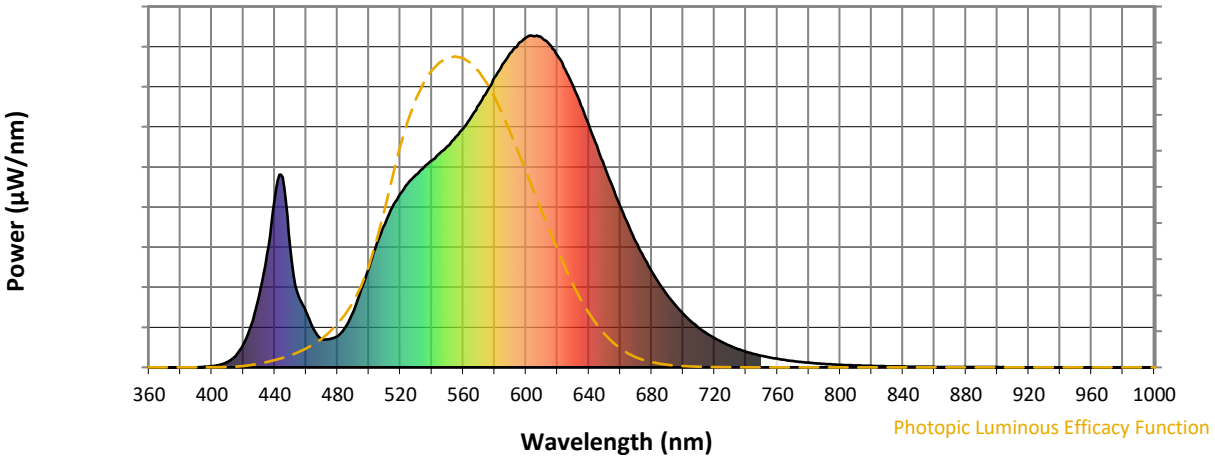


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

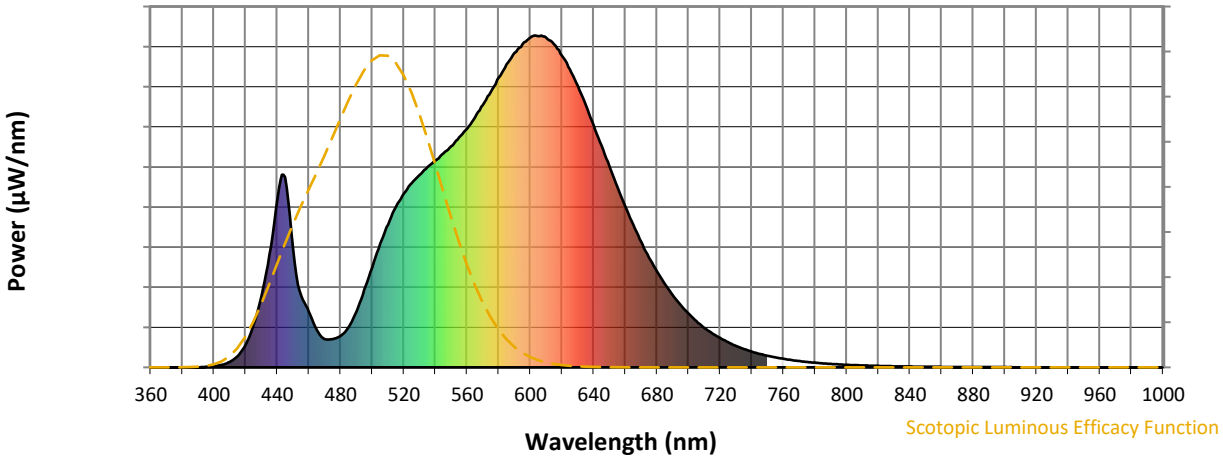


Photopic Lumens: NR

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

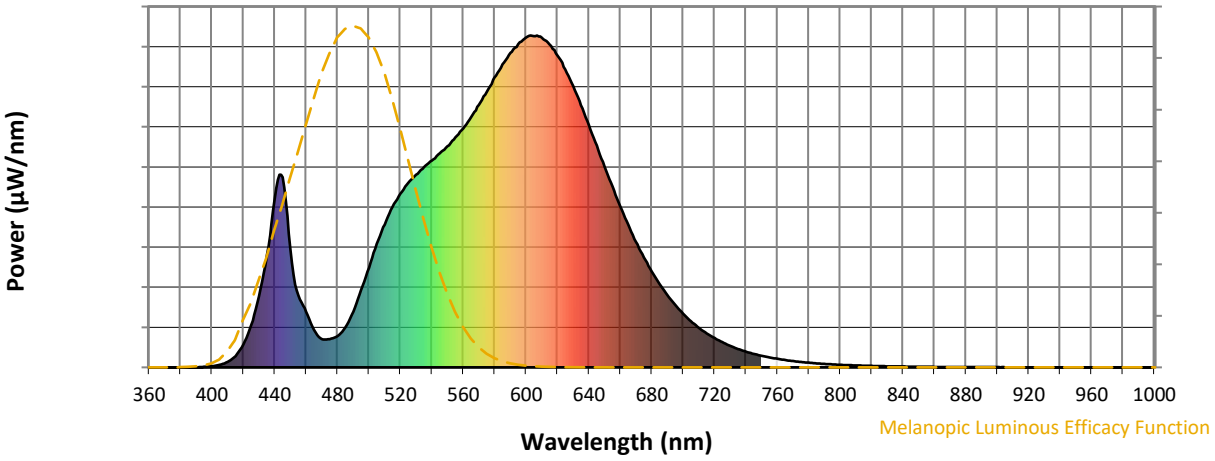


Scotopic Lumens: NR **S/P: 1.27**

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			

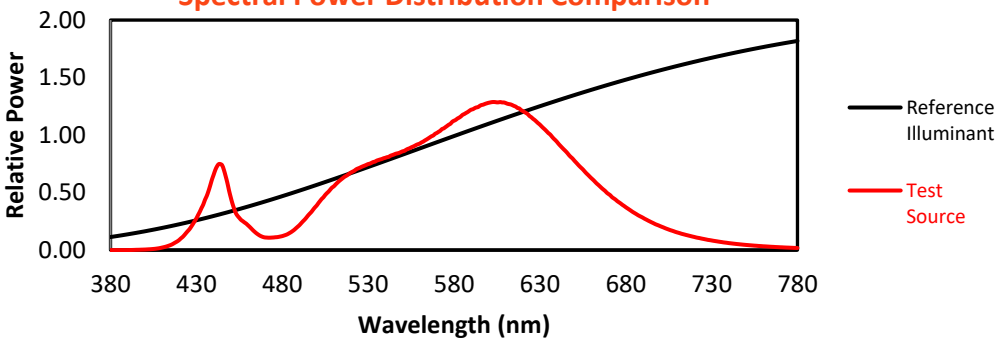
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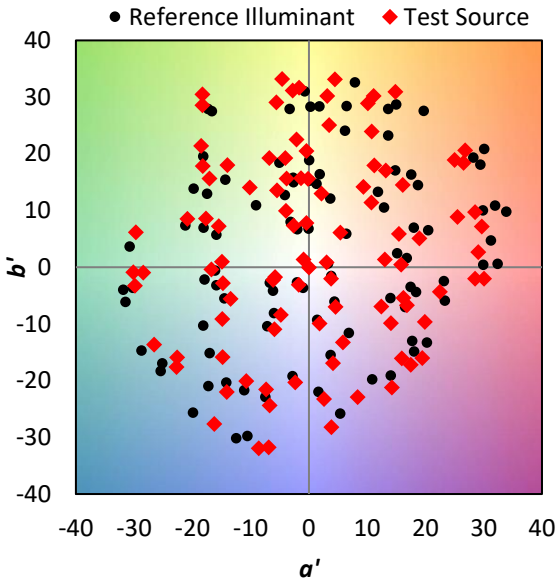
Summary

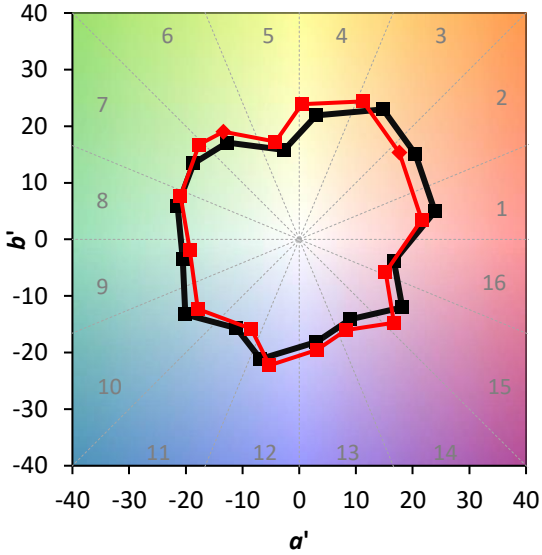
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

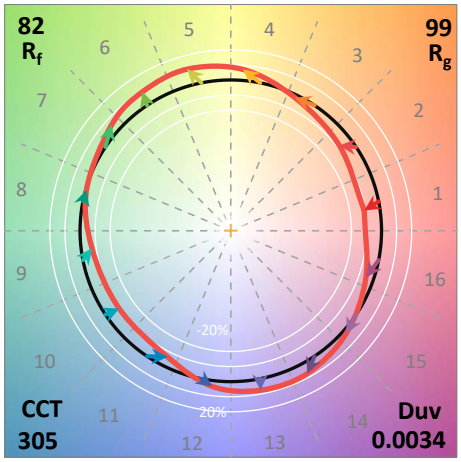
Spectral Power Distribution Comparison

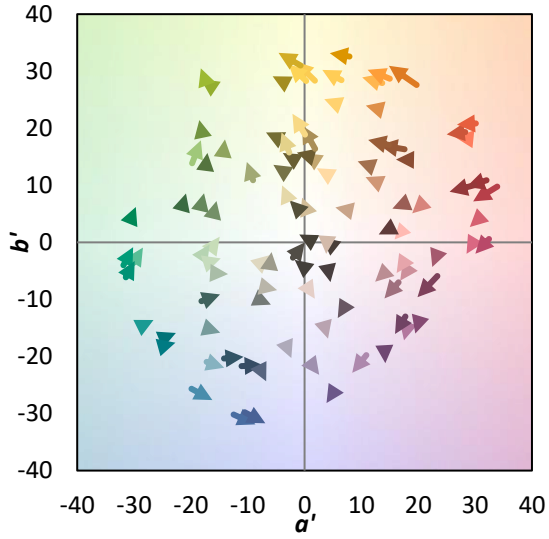


Color Vector Graphics







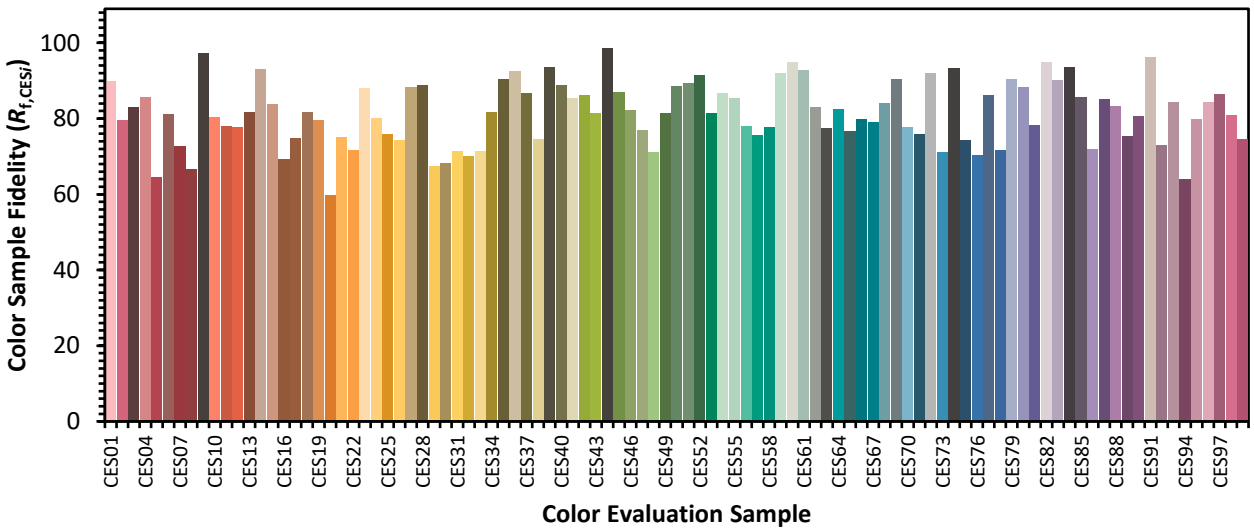


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Individual Sample Fidelity Index ($R_{f,i}$)

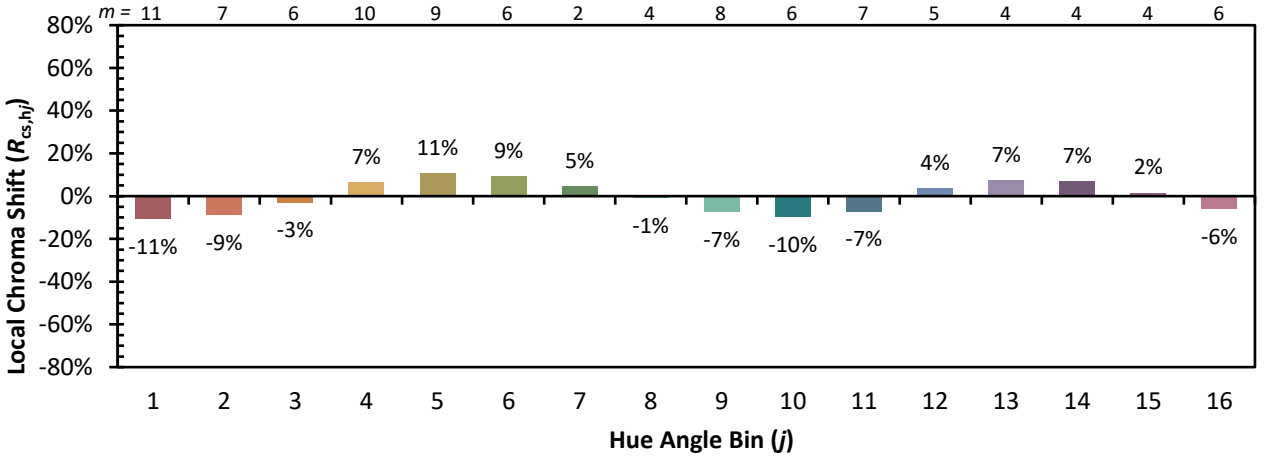
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

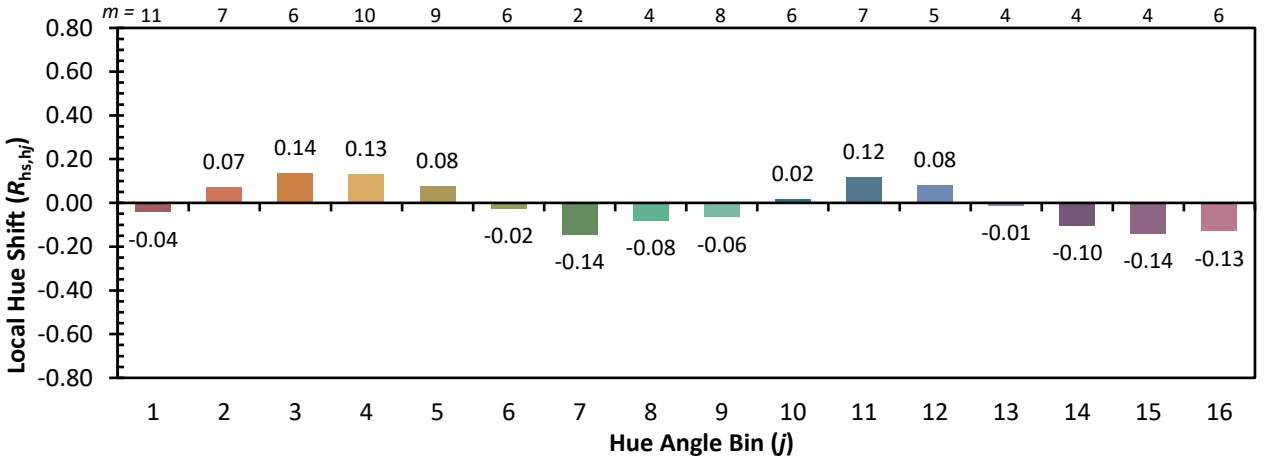


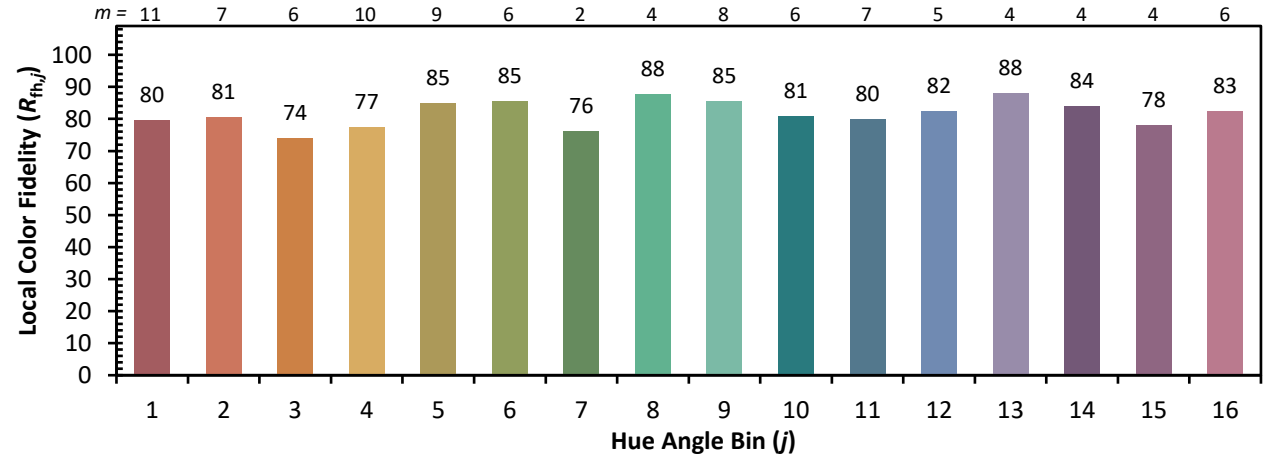
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Color Rendition by Hue-Angle Bin



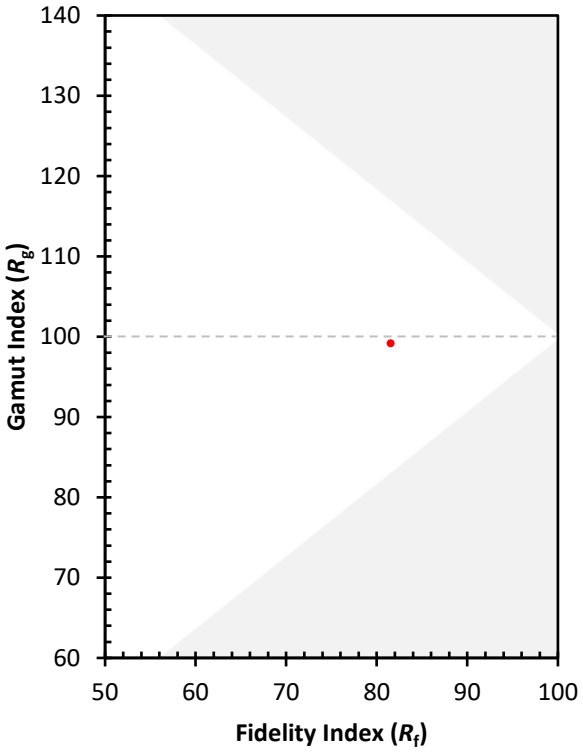


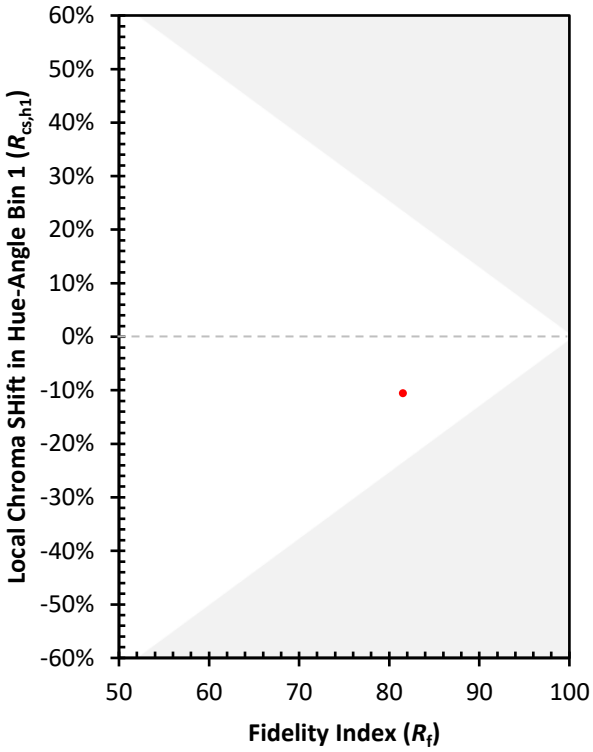


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Measure Comparisons





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