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: P1203110

Luminaire Tested: GWC-SB2B-830-U-SL3-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:	P1203110
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-830-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8147 lumens
Efficiency:	N/A
Efficacy:	110.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - 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

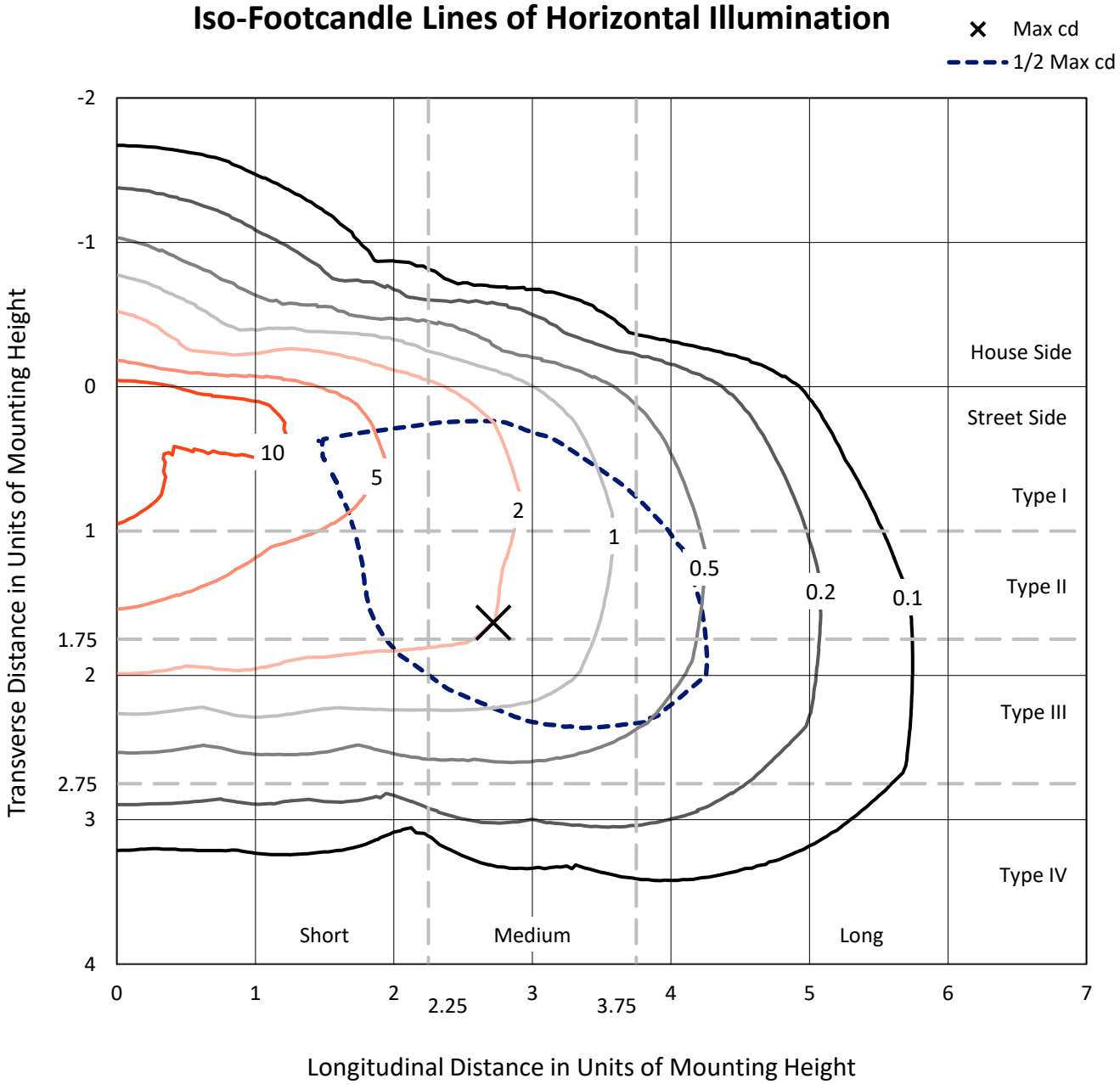


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Scaled Data Report

REPORT NUMBER: P1203110
CATALOG NUMBER: GWC-SB2B-830-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



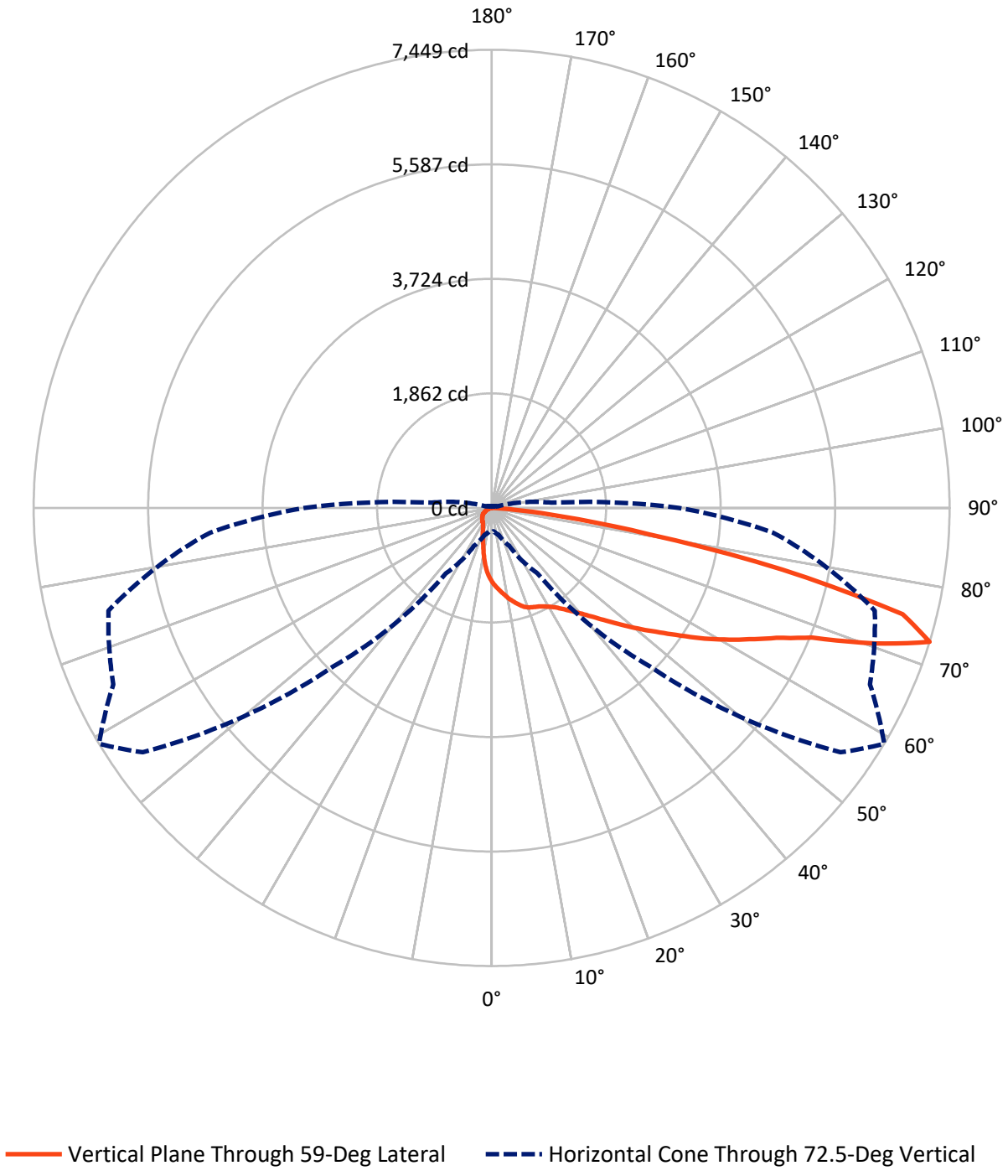
Based on 10 foot mounting height. Maximum calculated value = 20.3 fc
Type III - Medium - N/A

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REPORT NUMBER: P1203110
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Luminous Intensity Polar Plot



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Scaled Data Report

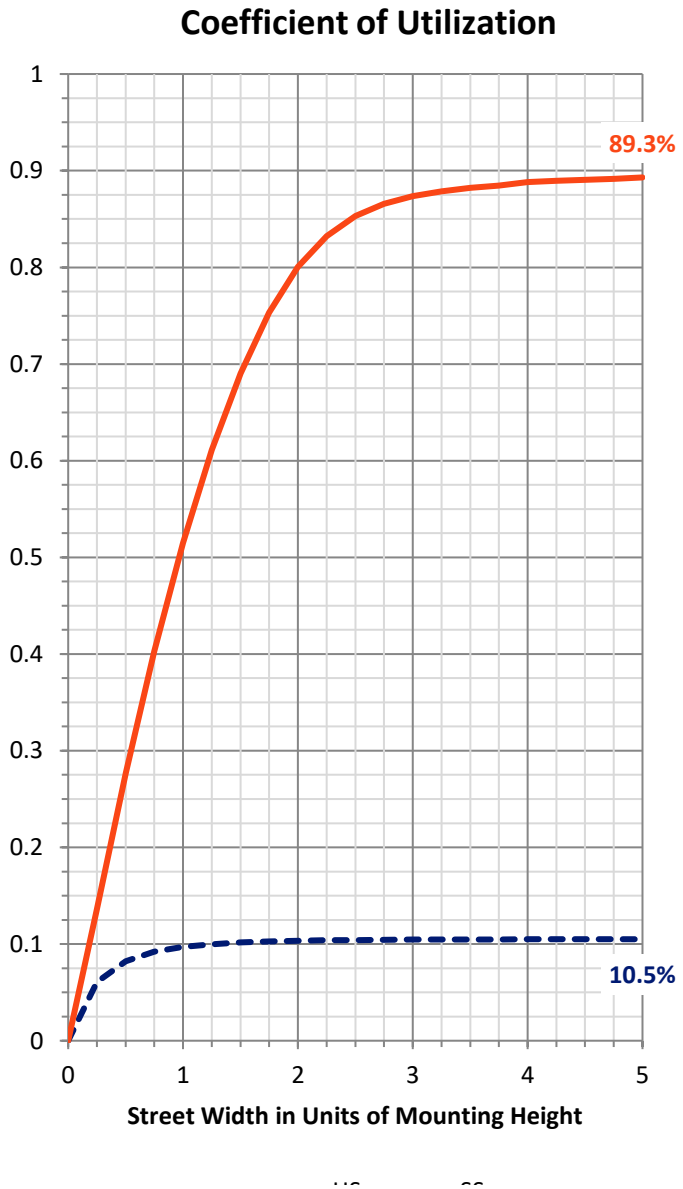
REPORT NUMBER: P1203110
CATALOG NUMBER: GWC-SB2B-830-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	860.5	0.0	860.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	7286.5	0.0	7286.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	8147.0	0.0	8147.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.0	1.3
10°-20°	289.5	3.6
20°-30°	458.8	5.6
30°-40°	736.3	9.0
40°-50°	1176.1	14.4
50°-60°	1702.8	20.9
60°-70°	2020.8	24.8
70°-80°	1500.2	18.4
80°-90°	153.4	1.9
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°	8147.0	100.0
0°-180°	8147.0	100.0



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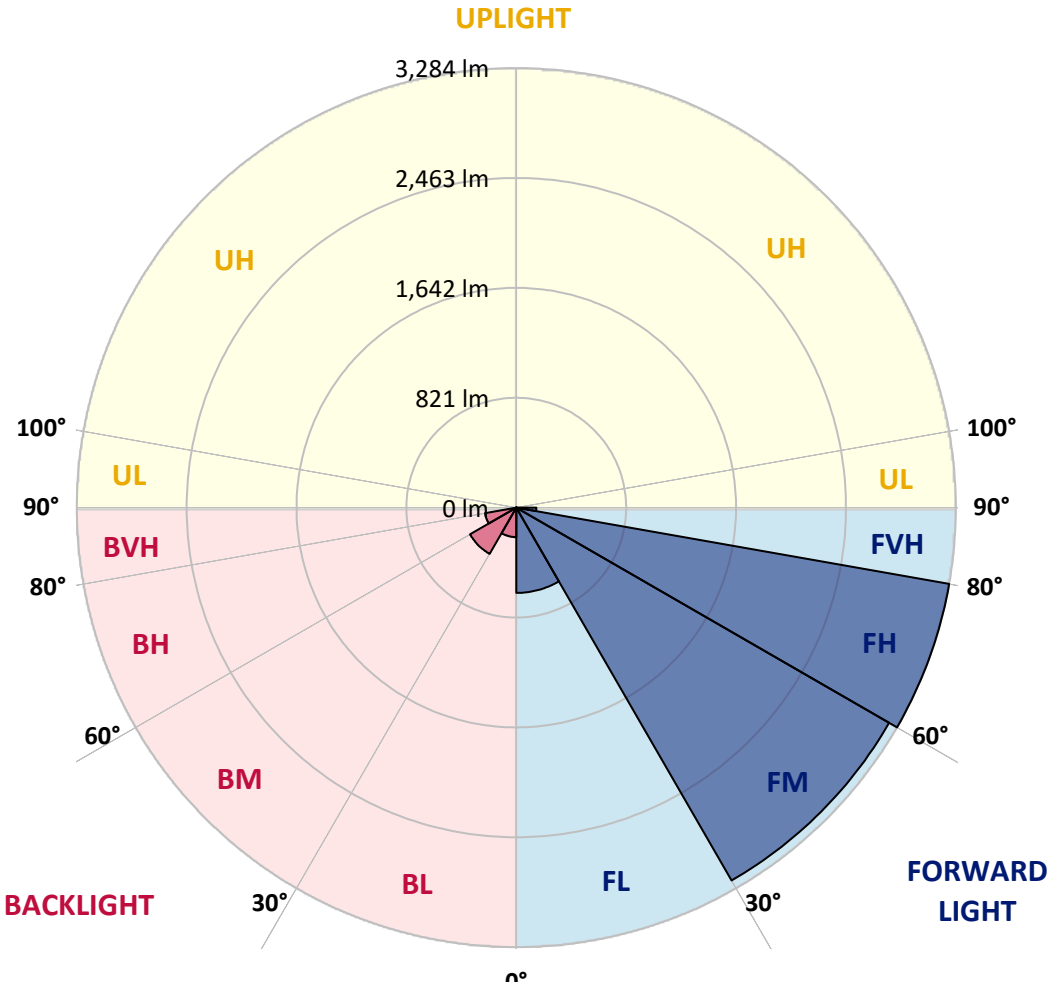
Scaled Data Report

REPORT NUMBER: P1203110
CATALOG NUMBER: GWC-SB2B-830-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	636.9	7.8			
FM	(30°-60°)	3216.3	39.5			
FH	(60°-80°)	3283.7	40.3			G2/5000
FVH	(80°-90°)	149.6	1.8			G2/225
BL	(0°-30°)	220.4	2.7	B1/500		
BM	(30°-60°)	398.9	4.9	B1/1000		
BH	(60°-80°)	237.3	2.9	B1/500		G1/500
BVH	(80°-90°)	3.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Medium



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REPORT NUMBER: P1203110
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	1204.7	1204.7	1204.7	1204.7	1204.7	1204.7	1204.7	*1204.7*	1204.7	1204.7	1204.7
2.5°	1336.7	1329.2	1330.3	1317.5	1308.5	1298.9	1280.3	*1277.6*	1264.3	1240.9	1217.0
5°	1453.1	1448.4	1444.1	1429.7	1411.1	1387.7	1356.3	*1345.2*	1320.7	1280.3	1233.5
7.5°	1538.2	1532.4	1534.5	1520.2	1505.3	1479.2	1436.1	*1415.4*	1382.9	1321.2	1250.5
10°	1554.7	1551.5	1565.4	1570.7	1570.7	1554.2	1512.2	*1491.4*	1444.1	1365.4	1268.0
12.5°	1462.2	1462.7	1497.3	1538.8	1593.0	1608.5	1580.3	*1557.9*	1511.1	1412.2	1290.4
15°	1354.2	1354.7	1388.3	1441.4	1530.3	1619.1	1641.4	*1627.1*	1578.7	1462.7	1316.4
17.5°	1289.3	1286.7	1309.0	1352.6	1445.7	1570.7	1678.7	*1688.2*	1648.9	1518.6	1345.2
20°	1280.3	1275.5	1287.2	1309.0	1375.5	1510.1	1682.9	*1728.1*	1721.2	1581.9	1378.1
22.5°	1335.6	1328.1	1321.8	1322.8	1351.0	1459.5	1672.3	*1750.5*	1795.7	1657.9	1423.4
25°	1445.2	1433.5	1412.7	1386.1	1380.3	1448.9	1664.8	*1774.9*	1864.8	1755.3	1482.9
27.5°	1579.2	1562.7	1522.8	1482.9	1448.9	1478.7	1680.3	*1813.8*	1943.0	1868.6	1552.1
30°	1726.5	1706.3	1666.4	1590.9	1536.7	1545.2	1717.0	*1864.8*	2043.0	1996.7	1638.8
32.5°	1943.0	1896.2	1826.5	1711.1	1639.3	1617.0	1772.3	*1929.7*	2166.9	2167.5	1764.3
35°	2128.7	2102.6	2032.4	1888.8	1741.4	1712.2	1845.2	*2021.2*	2338.8	2393.5	1939.8
37.5°	2250.5	2214.8	2153.1	2045.1	1899.9	1810.0	1942.5	*2133.4*	2520.7	2651.0	2156.3
40°	2386.6	2351.5	2269.6	2168.0	2084.0	1978.1	2065.4	*2262.7*	2720.1	2915.3	2403.6
42.5°	2551.0	2505.2	2408.4	2298.9	2211.1	2199.4	2226.0	*2423.9*	2924.9	3202.6	2661.1
45°	2744.1	2701.0	2589.8	2451.5	2374.4	2353.6	2428.1	*2611.6*	3153.1	3517.4	2921.2
47.5°	2924.9	2874.9	2755.2	2629.2	2543.5	2478.1	2643.0	*2833.4*	3411.6	3846.7	3166.9
50°	3078.6	3027.6	2918.0	2783.4	2725.4	2639.8	2854.2	*3080.7*	3668.0	4181.2	3391.4
52.5°	3183.9	3138.7	3010.0	2918.5	2879.2	2836.1	3101.5	*3343.0*	3923.3	4487.6	3613.2
55°	3160.0	3119.6	3006.3	2999.9	2997.2	3042.5	3397.2	*3640.3*	4183.4	4777.5	3833.9
57.5°	3083.9	3038.2	2896.7	2994.0	3088.2	3226.5	3717.4	*3991.9*	4468.5	5050.9	4046.7
60°	2860.0	2844.1	2757.9	2982.9	3126.5	3406.8	4083.4	*4345.1*	4777.0	5291.3	4235.5
62.5°	2386.1	2399.9	2399.4	3006.3	3195.6	3612.1	4415.8	*4702.5*	5078.6	5522.7	4403.6
65°	1786.6	1834.5	1895.7	2795.7	3288.2	3978.6	4813.1	*5090.3*	5384.9	5791.8	4574.3
67.5°	1200.5	1238.8	1280.3	2293.5	3012.7	4363.7	5473.2	*5621.6*	5751.9	6090.2	4766.3
70°	687.2	699.4	757.4	1432.4	2322.3	4257.3	6548.2	*6601.9*	6299.3	6457.8	4906.2
72.5°	*385.1*	*380.8*	*457.4*	*679.8*	*1297.8*	*3645.6*	*6924.8*	*7448.7*	*6789.1*	*6451.9*	*4594.0*
75°	257.4	258.0	314.9	428.7	505.8	2552.0	5967.4	*6906.7*	6495.5	5721.1	3753.6
77.5°	175.5	181.4	231.4	331.4	234.0	1245.2	3947.7	*4838.1*	5258.9	4417.9	2591.4
80°	76.1	76.6	152.7	237.8	158.0	396.3	2046.7	*2591.9*	3298.3	2480.8	1026.6
82.5°	39.4	44.7	97.3	153.7	99.5	138.8	967.0	*1132.4*	1384.0	728.2	210.6
85°	13.8	16.5	60.1	75.5	50.0	49.5	336.7	*343.1*	293.1	109.6	58.0
87.5°	0.0	2.7	23.4	18.6	6.4	5.9	39.9	*33.5*	26.6	15.4	19.1
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: P1203110
CATALOG NUMBER: GWC-SB2B-830-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1204.7	1204.7	1204.7	1204.7	1204.7	1204.7	1204.7	1204.7	1204.7	1204.7	1204.7
2.5°	1205.8	1191.4	1168.0	1139.3	1105.8	1087.7	1061.7	1045.7	1031.3	1031.9	1043.6
5°	1207.4	1183.5	1123.9	1060.6	990.4	938.8	881.4	840.9	810.1	802.6	813.8
7.5°	1212.2	1171.8	1074.4	969.1	852.1	765.4	686.1	636.1	608.0	600.5	608.0
10°	1218.6	1159.0	1018.6	857.4	712.2	608.0	542.0	510.1	497.3	487.7	493.6
12.5°	1223.9	1145.7	948.4	742.0	587.7	506.4	456.4	429.8	418.6	411.7	415.4
15°	1232.9	1128.2	872.3	634.6	503.7	437.2	389.9	370.2	367.0	368.1	369.7
17.5°	1242.0	1111.1	787.2	550.5	442.0	376.6	347.9	344.7	348.9	353.2	354.8
20°	1252.1	1086.7	701.0	487.2	385.1	334.6	327.1	329.2	331.4	338.8	340.9
22.5°	1267.0	1055.8	625.5	433.5	337.8	314.4	310.6	312.2	313.8	321.3	323.4
25°	1288.3	1022.8	564.3	384.0	308.0	297.9	294.1	294.1	296.3	303.2	305.8
27.5°	1310.6	976.0	514.9	338.3	290.4	279.8	273.4	273.4	276.1	284.0	287.2
30°	1335.6	933.5	476.0	304.2	275.5	261.7	253.2	251.1	254.2	264.4	267.0
32.5°	1380.8	905.8	448.4	288.3	262.2	245.2	233.5	227.7	230.8	242.5	245.7
35°	1449.4	899.4	429.2	280.3	249.5	230.3	213.8	204.8	207.4	219.7	223.4
37.5°	1529.7	912.7	410.6	269.7	237.2	216.0	194.1	182.4	186.7	197.9	201.1
40°	1645.2	968.1	396.3	261.7	225.0	198.9	174.5	162.8	169.7	179.2	180.8
42.5°	1784.5	1066.5	392.5	254.2	210.1	180.8	156.4	147.9	153.2	162.2	163.8
45°	1957.4	1192.0	409.6	244.7	193.6	163.3	142.0	137.2	138.8	147.9	152.1
47.5°	2143.0	1320.7	456.4	236.2	179.2	148.9	130.8	126.6	125.5	134.0	139.4
50°	2330.8	1435.1	511.7	229.8	169.1	137.2	122.3	117.0	114.4	119.7	121.8
52.5°	2516.4	1526.0	547.9	219.1	159.0	125.5	114.9	106.9	102.1	104.8	106.9
55°	2704.7	1605.8	550.0	203.2	149.5	118.1	107.4	98.4	92.6	92.6	93.6
57.5°	2880.8	1676.0	518.6	181.9	136.2	111.2	97.3	89.9	83.5	81.4	81.9
60°	3036.6	1728.1	466.5	158.0	124.5	102.1	87.2	81.4	73.4	69.1	68.1
62.5°	3175.4	1753.7	395.2	133.5	110.1	91.5	77.7	71.3	60.6	55.3	54.8
65°	3293.0	1727.6	320.7	110.6	97.9	79.8	66.5	60.1	48.4	42.0	42.0
67.5°	3409.5	1608.5	242.5	93.1	85.1	67.0	54.8	48.9	40.4	35.1	35.1
70°	3424.4	1357.9	169.7	78.2	70.7	51.6	44.1	40.4	33.0	28.2	27.7
72.5°	*3048.3*	*977.1*	*103.2*	*63.8*	*55.3*	*36.7*	*35.1*	*31.9*	*24.5*	*21.3*	*20.7*
75°	2436.6	598.9	60.6	47.9	36.7	26.1	26.1	22.9	16.5	13.8	13.8
77.5°	1684.0	313.3	35.6	30.9	21.8	15.4	17.0	13.8	8.0	6.4	6.4
80°	674.4	119.1	19.1	14.4	10.1	6.9	5.9	3.2	1.6	1.1	1.6
82.5°	134.6	31.4	6.4	3.7	3.7	1.6	0.0	0.0	0.0	0.0	0.0
85°	34.6	6.9	1.6	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

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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

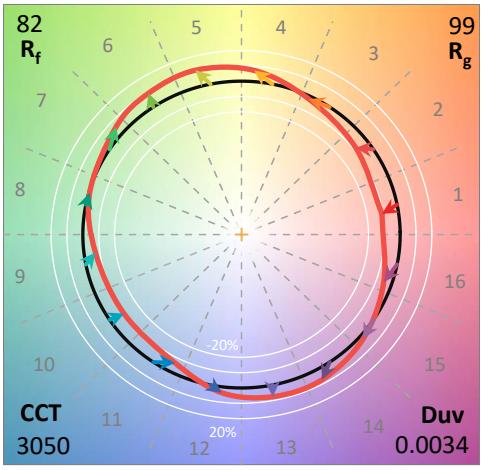
Test Information

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

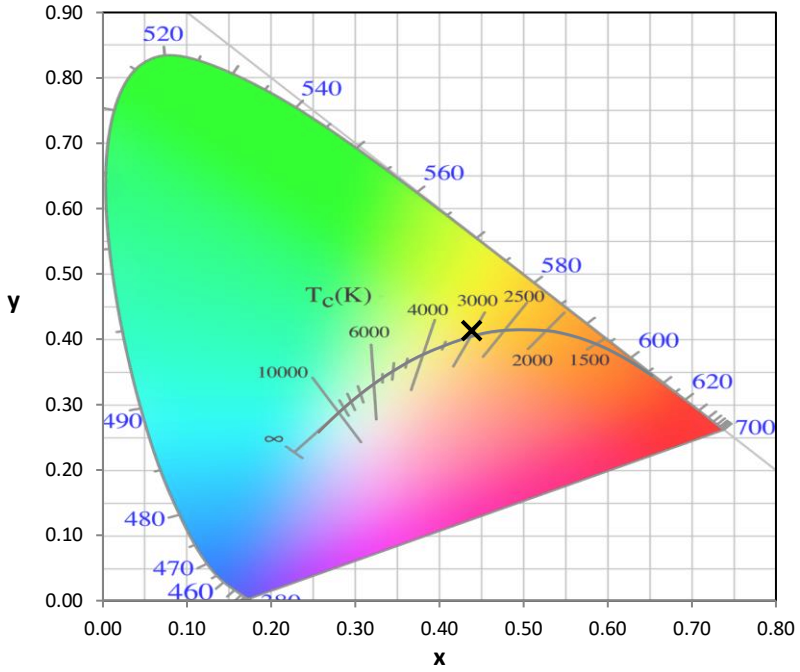
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

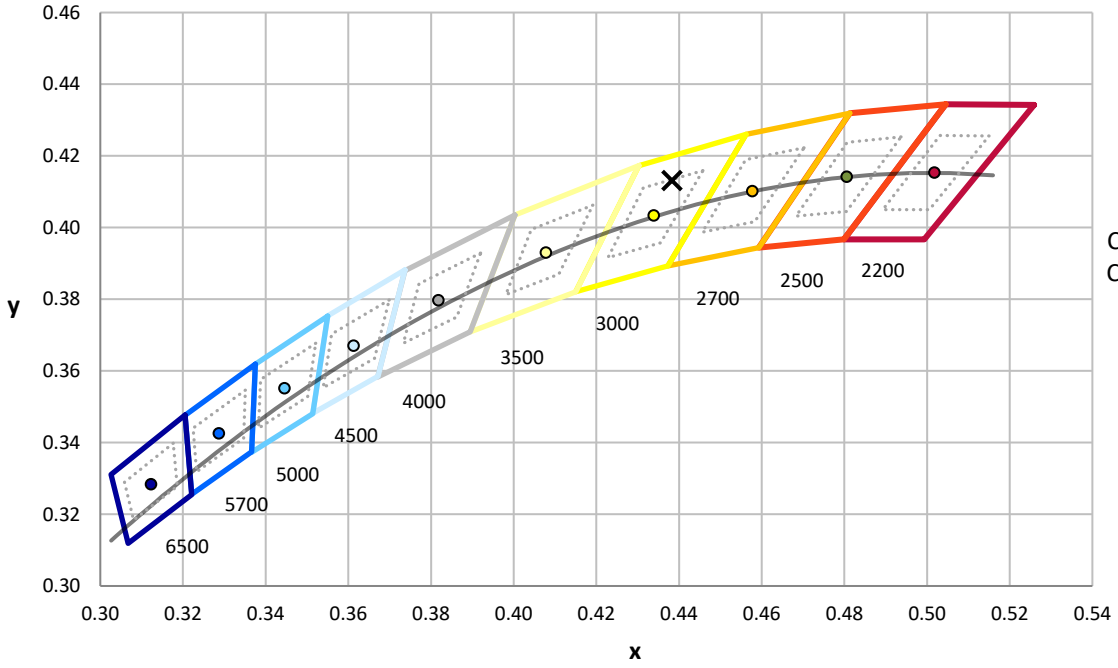
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

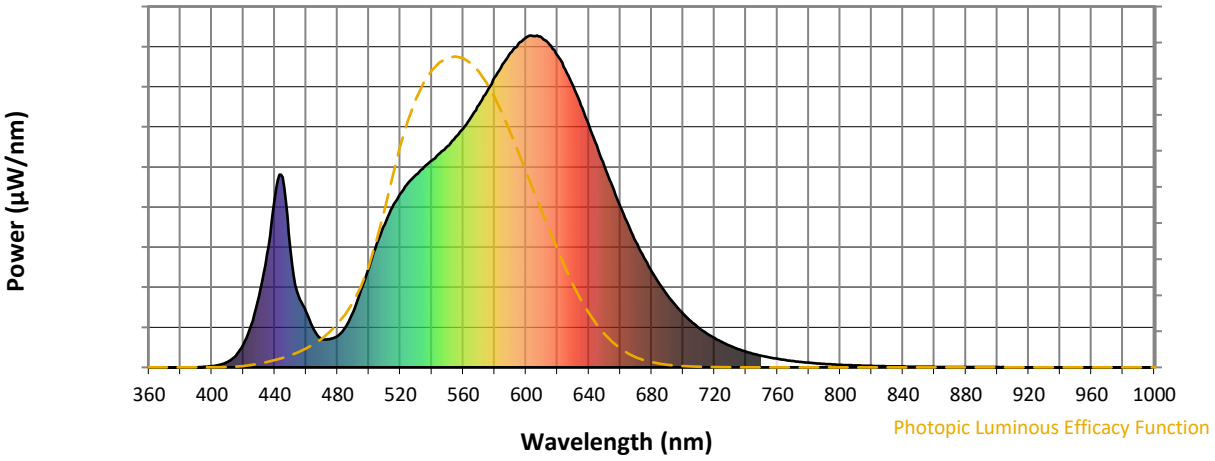


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

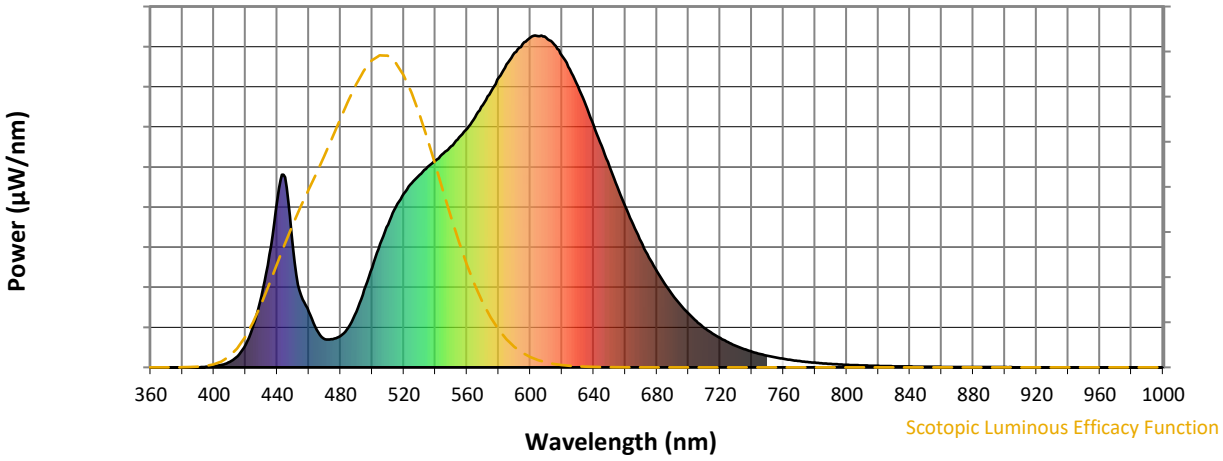


Photopic Lumens: NR

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

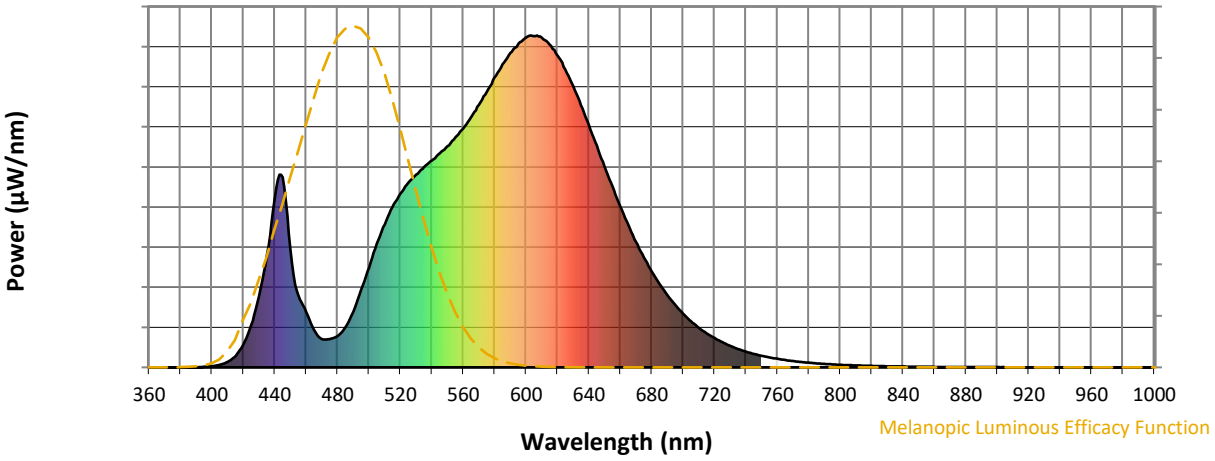


Scotopic Lumens: NR **S/P: 1.27**

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			

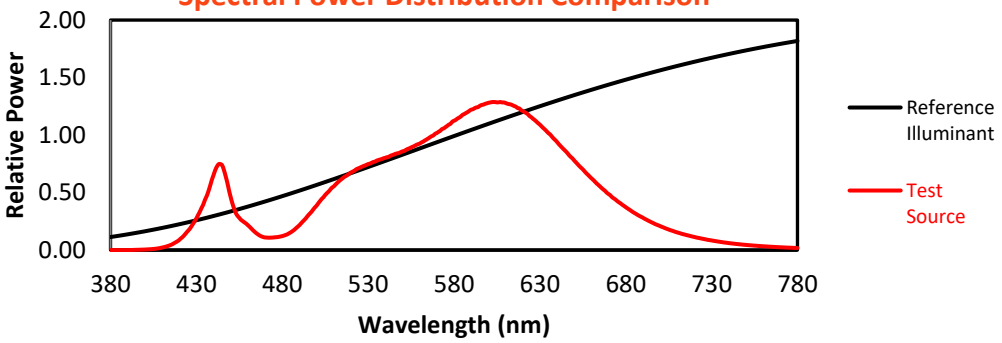
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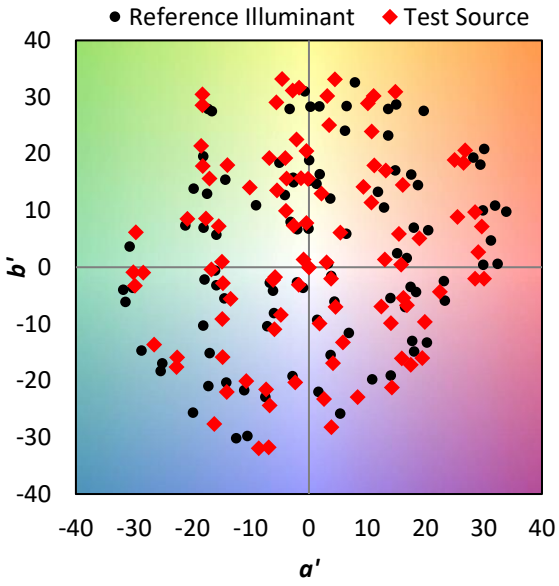
Summary

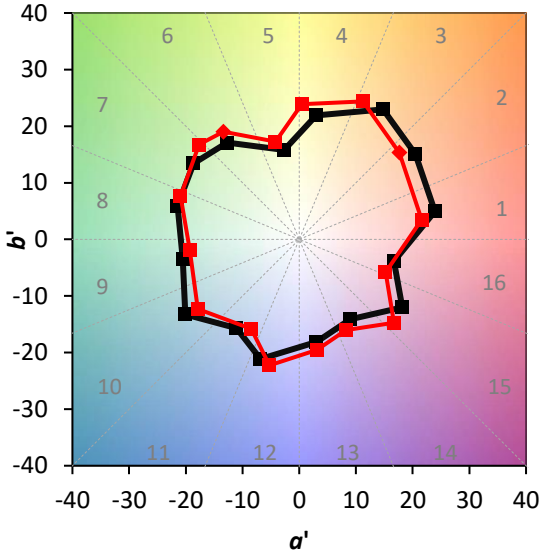
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

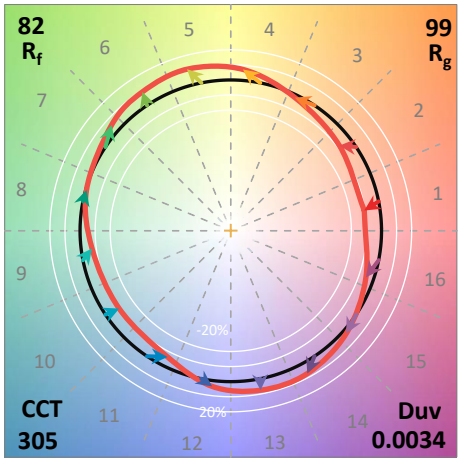
Spectral Power Distribution Comparison

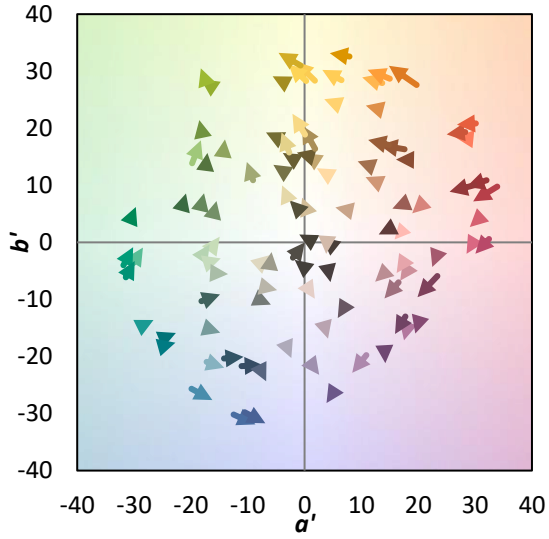


Color Vector Graphics







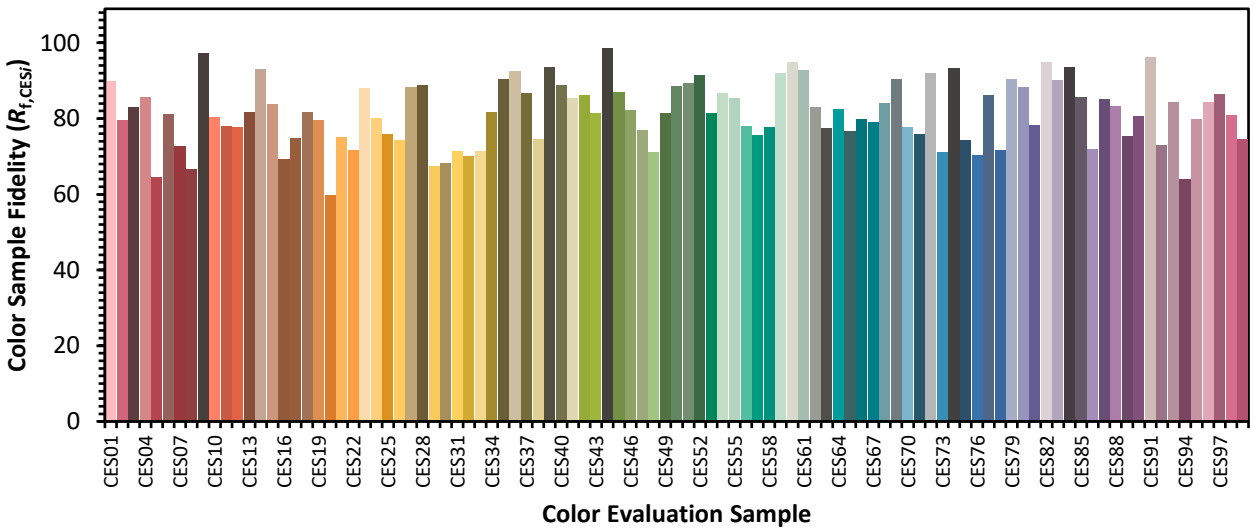


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Individual Sample Fidelity Index ($R_{f,i}$)

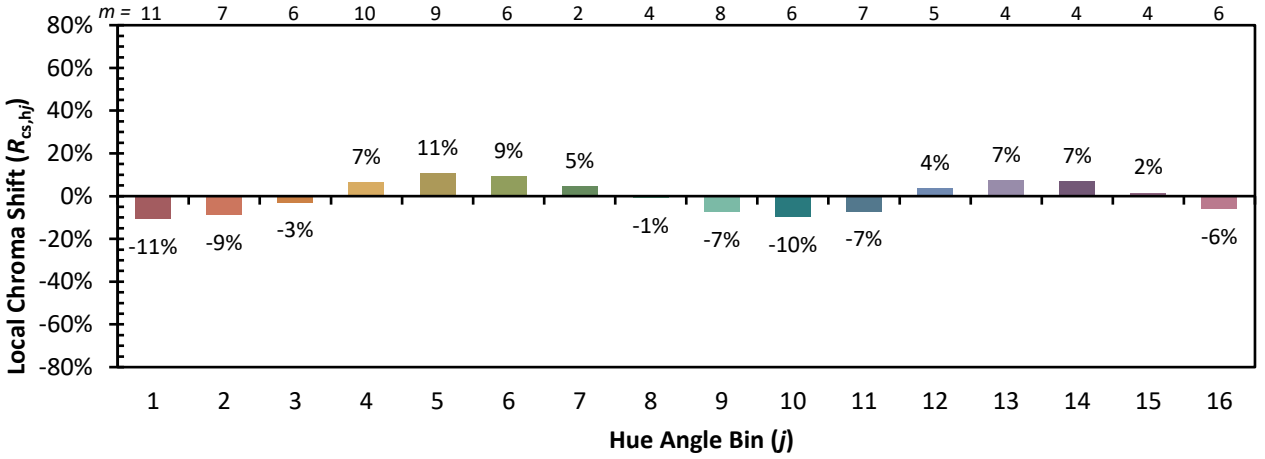
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

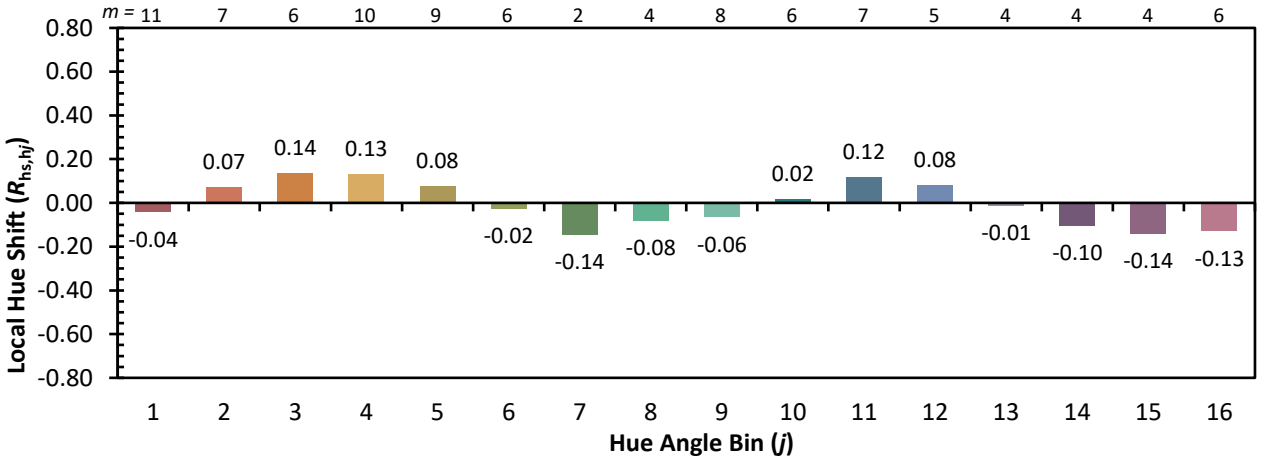


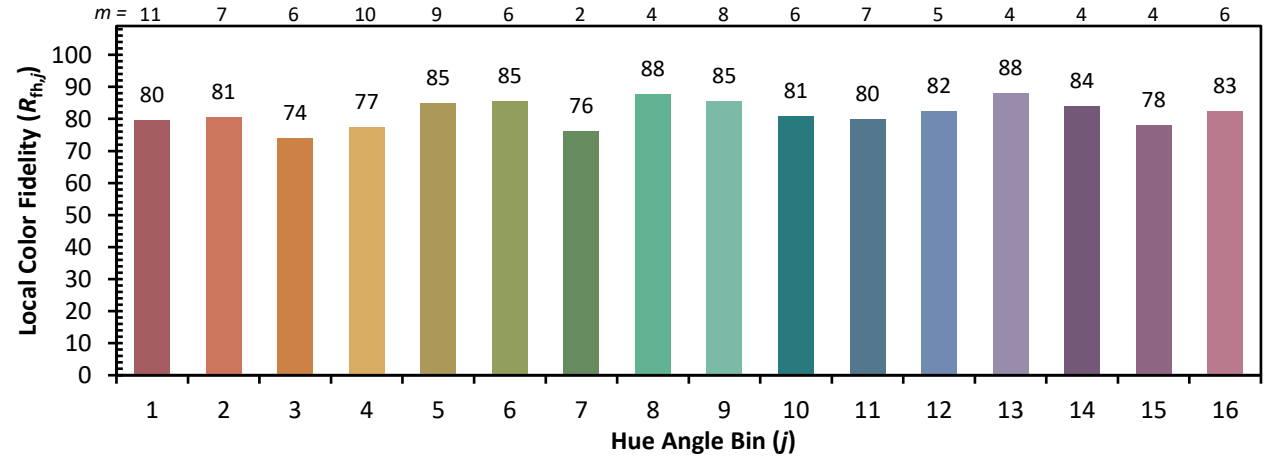
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Color Rendition by Hue-Angle Bin



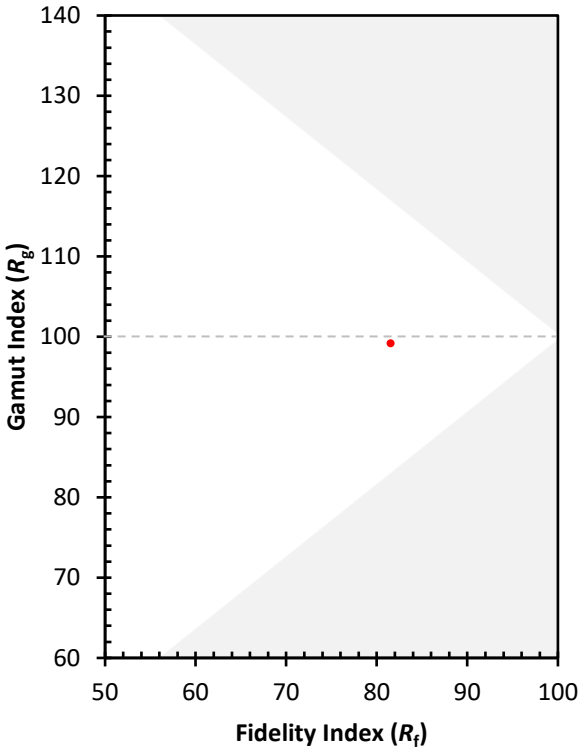


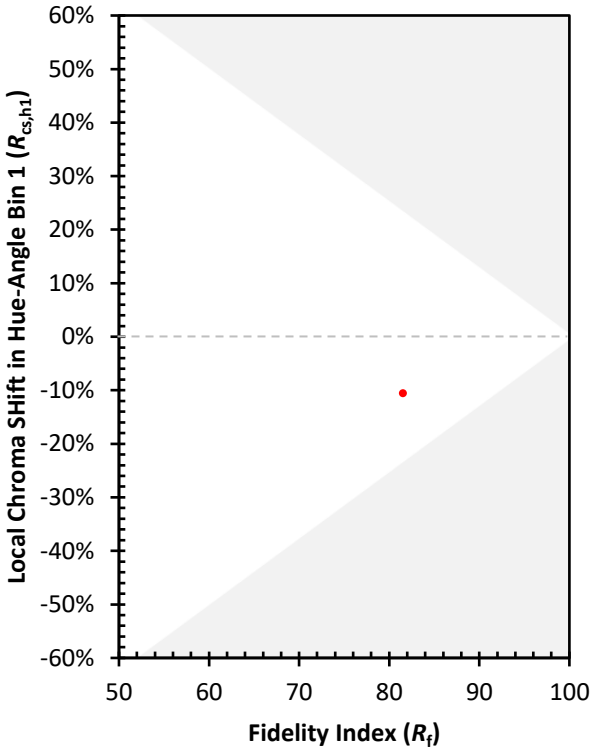


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Measure Comparisons





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