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: P1201997

Luminaire Tested: GWC-SB1C-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:	P1201997
	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-SB1C-830-U-T2
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6703 lumens
Efficiency:	N/A
Efficacy:	123.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

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

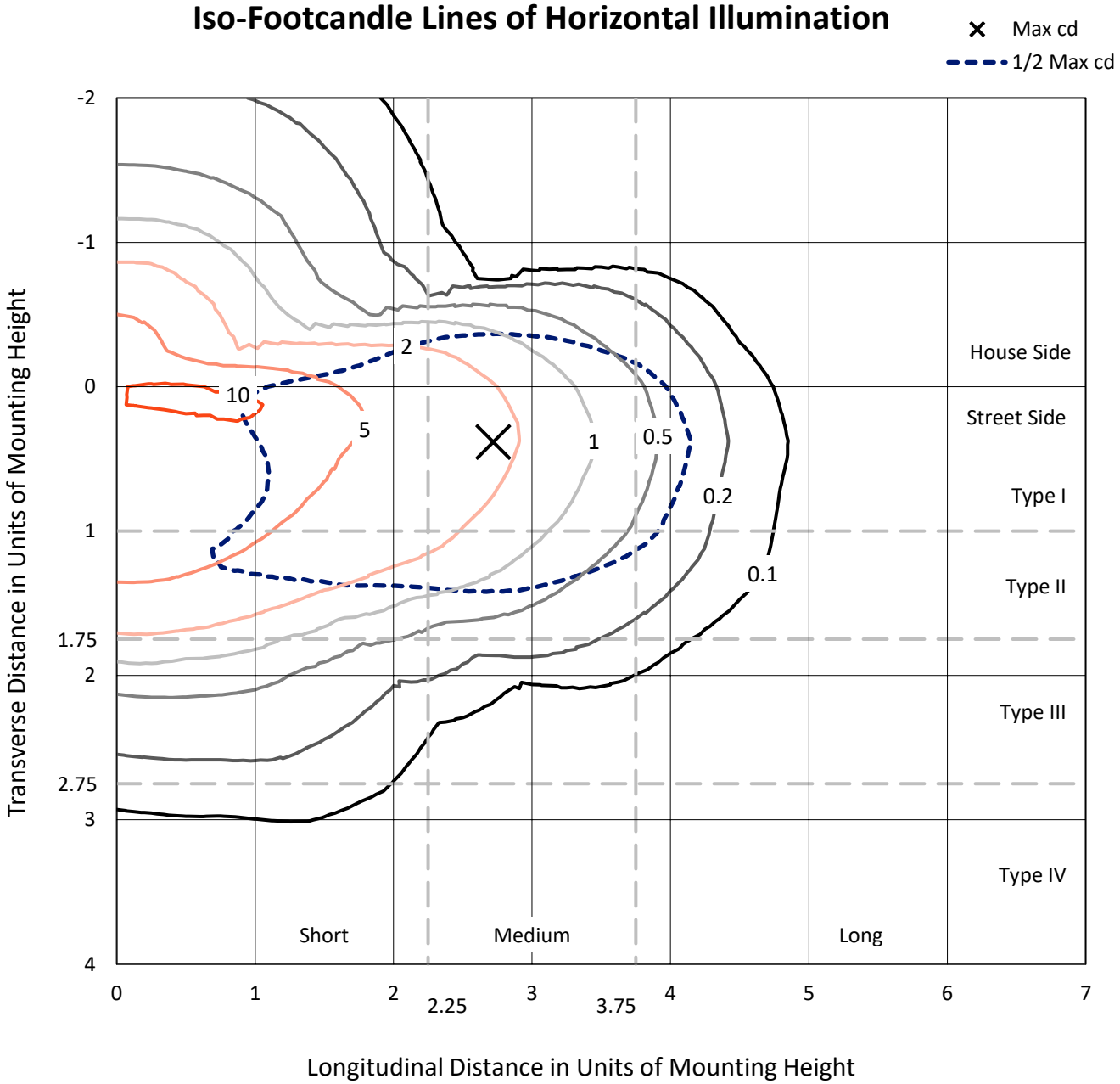


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Scaled Data Report

REPORT NUMBER: P1201997
CATALOG NUMBER: GWC-SB1C-830-U-T2

Iso-Footcandle Lines of Horizontal Illumination



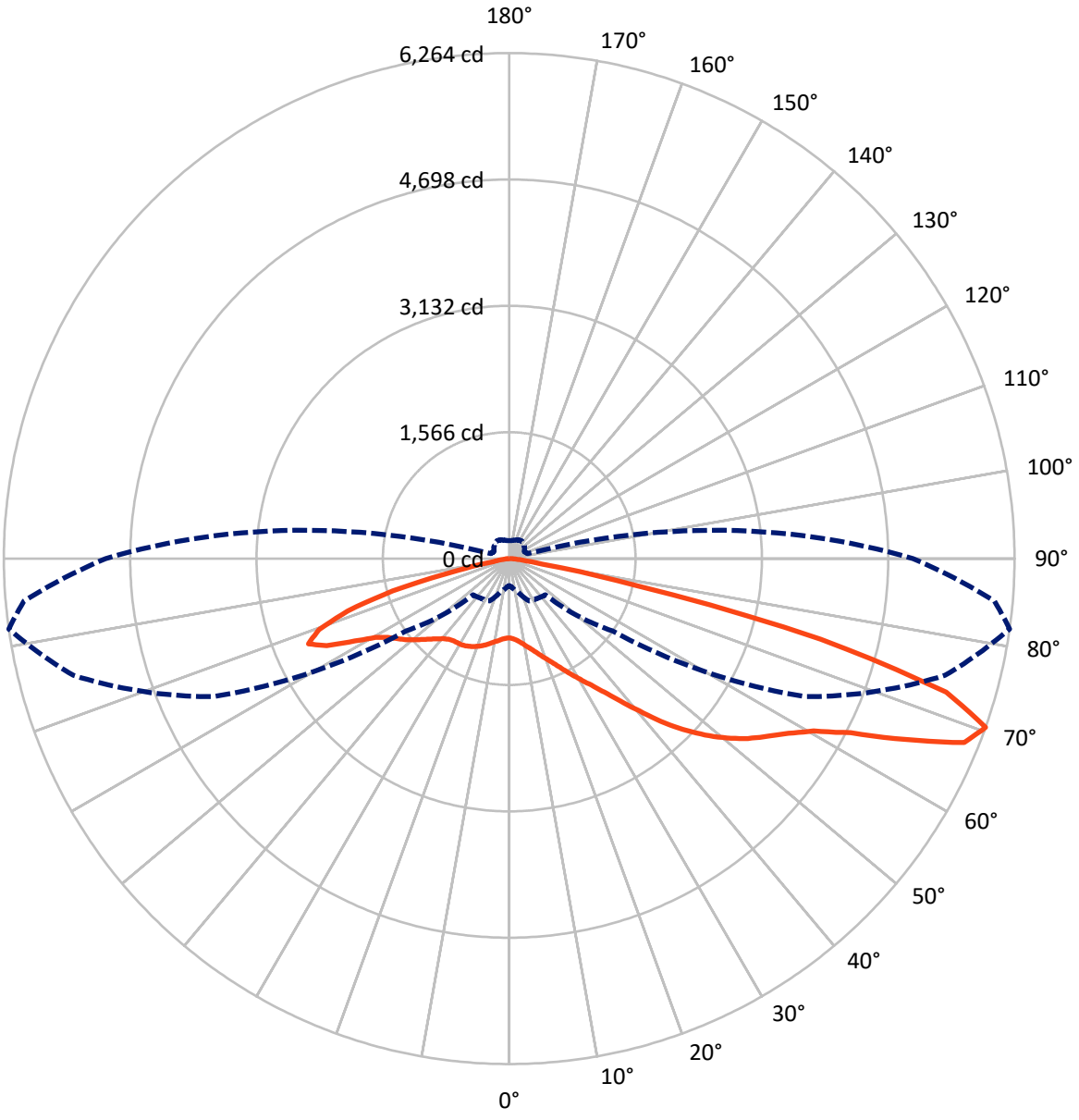
Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
Type II - Medium - N/A

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Scaled Data Report

REPORT NUMBER: P1201997
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Luminous Intensity Polar Plot



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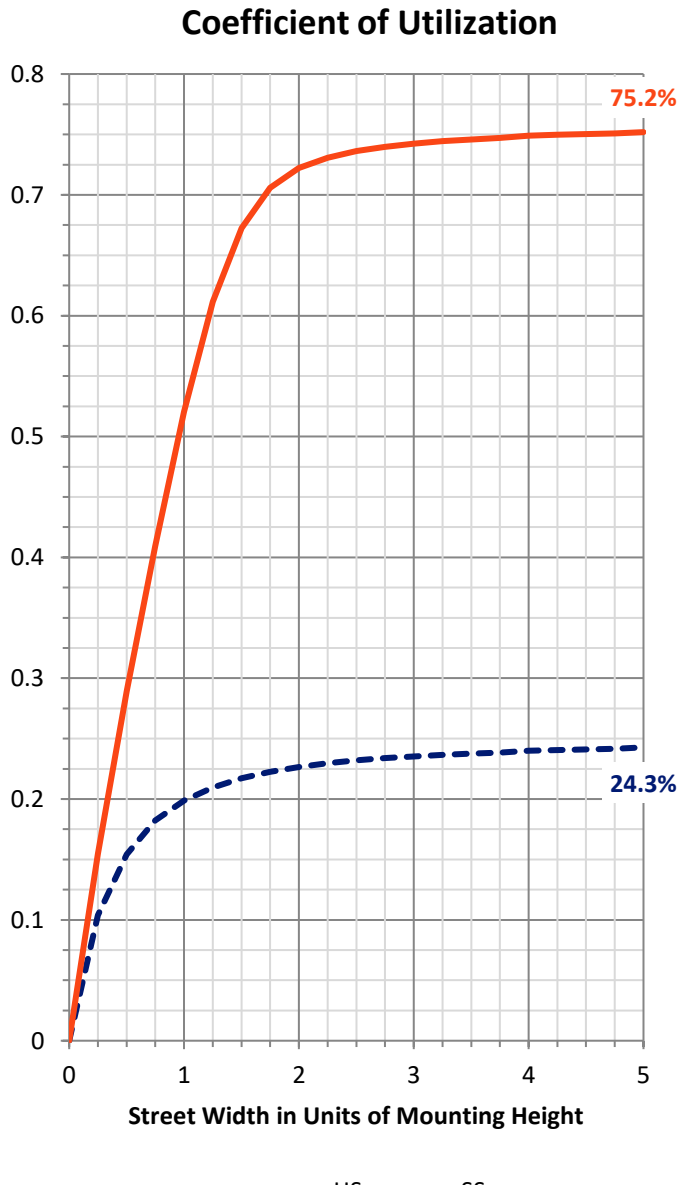
REPORT NUMBER: P1201997
CATALOG NUMBER: GWC-SB1C-830-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1652.4	0.0	1652.4
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	5050.5	0.0	5050.5
	% Fixture	75.3	0.0	75.3
Total	Lumens	6703.0	0.0	6703.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.8	1.4
10°-20°	266.6	4.0
20°-30°	446.0	6.7
30°-40°	696.7	10.4
40°-50°	1109.6	16.6
50°-60°	1544.2	23.0
60°-70°	1615.3	24.1
70°-80°	844.2	12.6
80°-90°	87.7	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°	6703.0	100.0
0°-180°	6703.0	100.0



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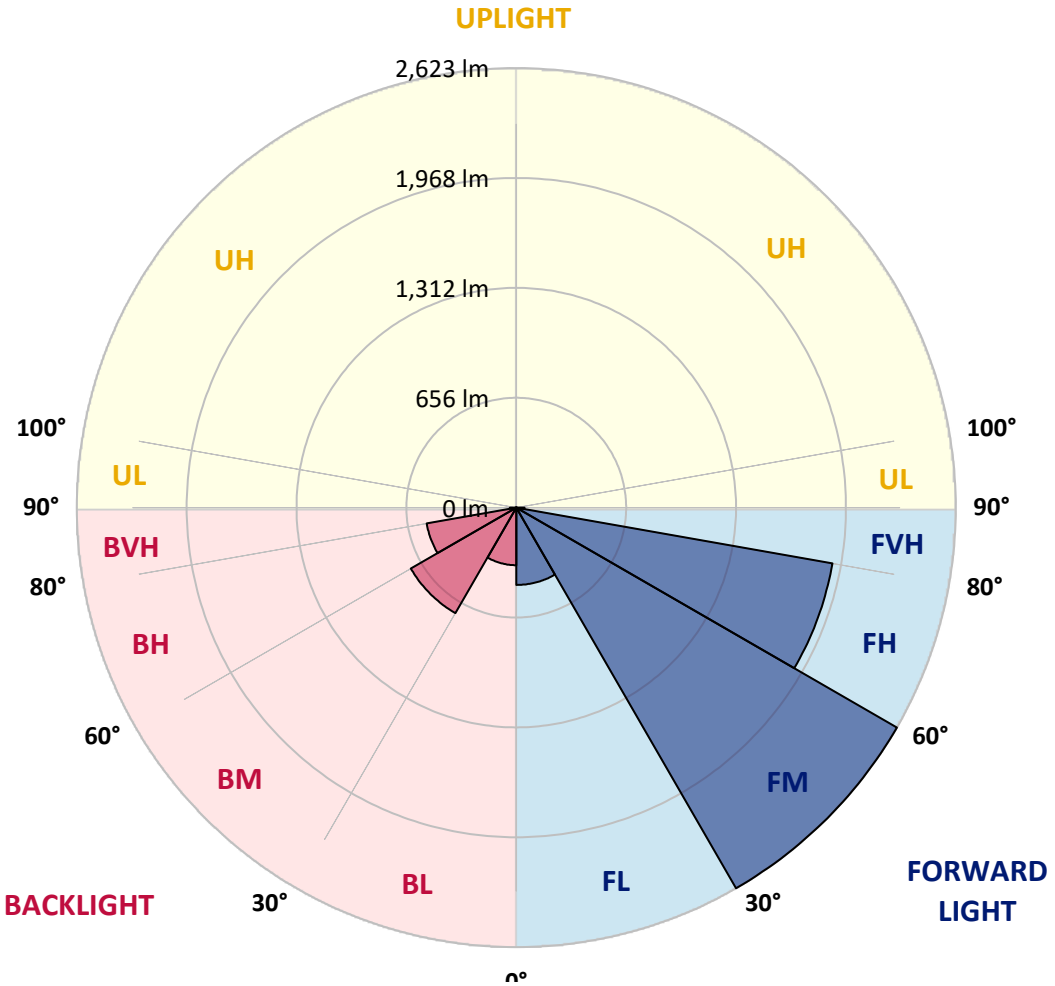
Scaled Data Report

REPORT NUMBER: P1201997
CATALOG NUMBER: GWC-SB1C-830-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	461.6	6.9			
FM	(30°-60°)	2623.5	39.1			
FH	(60°-80°)	1916.4	28.6			G2/5000
FVH	(80°-90°)	49.1	0.7			G1/100
BL	(0°-30°)	343.8	5.1	B1/500		
BM	(30°-60°)	727.0	10.8	B1/1000		
BH	(60°-80°)	543.1	8.1	B2/1000		G2/1000
BVH	(80°-90°)	38.6	0.6			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 II Medium



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Scaled Data Report

REPORT NUMBER: P1201997
CATALOG NUMBER: GWC-SB1C-830-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	*982.7*	982.7
2.5°	1006.2	1011.9	1010.1	1008.4	1008.4	1005.9	1005.5	1002.0	999.1	*994.5*	993.4
5°	1019.0	1025.1	1024.4	1025.8	1030.4	1031.5	1032.5	1030.4	1024.7	*1019.0*	1016.5
7.5°	1007.6	1014.4	1016.5	1025.1	1039.3	1052.1	1061.7	1065.6	1060.3	*1052.1*	1048.2
10°	969.2	976.7	984.2	1004.4	1029.7	1059.9	1085.5	1100.8	1099.8	*1091.9*	1085.2
12.5°	891.3	899.2	915.2	954.6	1000.9	1054.2	1101.9	1133.9	1144.9	*1139.2*	1127.5
15°	829.1	835.8	847.9	888.5	948.6	1029.7	1107.9	1170.2	1198.3	*1195.1*	1180.9
17.5°	827.3	830.2	837.6	856.8	903.1	991.3	1101.5	1205.8	1259.5	*1259.1*	1241.3
20°	858.6	859.7	863.9	867.9	894.2	962.1	1085.2	1235.3	1328.1	*1328.1*	1308.9
22.5°	902.0	901.3	905.6	902.0	914.8	959.6	1074.9	1261.2	1404.6	*1410.3*	1386.1
25°	967.1	963.5	962.5	954.3	956.8	982.7	1086.2	1290.8	1495.3	*1507.0*	1476.8
27.5°	1053.9	1048.2	1044.3	1025.4	1019.0	1030.4	1121.1	1326.3	1596.3	*1616.6*	1578.2
30°	1167.0	1156.7	1151.0	1118.3	1095.1	1096.9	1173.7	1373.6	1701.9	*1734.7*	1685.9
32.5°	1321.4	1305.3	1290.1	1236.3	1194.0	1180.1	1241.7	1439.1	1816.5	*1868.7*	1806.1
35°	1494.2	1481.4	1465.0	1382.2	1317.1	1285.1	1333.4	1530.5	1950.5	*2033.4*	1952.0
37.5°	1660.7	1649.6	1657.5	1545.8	1461.8	1415.3	1453.7	1653.2	2115.9	*2238.3*	2134.8
40°	1832.8	1824.3	1825.3	1718.6	1620.8	1568.5	1599.5	1807.2	2305.5	*2481.9*	2354.6
42.5°	2019.9	2013.5	1992.2	1897.6	1787.6	1738.9	1767.4	1985.0	2509.0	*2759.4*	2595.8
45°	2229.4	2225.5	2205.6	2097.1	1971.2	1916.4	1954.8	2181.4	2713.5	*3020.4*	2838.0
47.5°	2410.4	2413.6	2411.2	2319.7	2189.2	2108.8	2154.7	2386.3	2903.8	*3265.9*	3070.2
50°	2497.6	2514.3	2538.8	2510.4	2429.3	2347.5	2356.4	2584.0	3085.2	*3496.0*	3292.9
52.5°	2452.1	2483.7	2550.6	2596.1	2627.4	2610.3	2586.5	2780.3	3255.9	*3703.7*	3503.4
55°	2282.4	2326.9	2437.8	2547.7	2707.4	2831.6	2862.9	2998.0	3422.4	*3886.5*	3702.6
57.5°	1973.3	2045.5	2145.1	2367.4	2636.3	2938.6	3185.1	3300.0	3598.8	*4081.8*	3911.1
60°	1443.3	1540.1	1663.9	1994.7	2387.3	2881.4	3459.3	3763.8	3849.5	*4334.7*	4182.4
62.5°	923.7	983.5	1097.3	1408.8	1860.2	2587.9	3543.3	4343.6	4274.6	*4749.4*	4589.3
65°	632.4	670.8	775.0	950.0	1202.6	1926.4	3318.5	4778.2	4949.6	*5406.7*	5285.0
67.5°	459.5	488.7	577.6	730.9	783.6	1140.0	2575.1	4758.3	5605.9	*6083.9*	5894.7
70°	*335.1*	*355.7*	*430.4*	*577.6*	*602.9*	*634.2*	*1560.0*	*4044.8*	*5591.6*	*6263.9*	*6037.3*
72.5°	248.3	262.5	312.6	448.2	488.0	428.2	772.2	2939.7	4804.9	*5665.6*	5483.9
75°	179.6	190.3	227.3	342.9	390.5	326.2	385.2	1717.9	3351.6	*3985.4*	4017.4
77.5°	137.3	145.5	169.7	251.1	312.6	244.7	239.0	790.3	1589.2	*1597.0*	1686.6
80°	110.3	115.6	128.8	176.8	239.7	183.2	155.8	319.0	502.2	*425.0*	446.0
82.5°	81.1	90.0	108.8	124.1	171.4	126.3	95.0	161.1	191.0	*164.3*	165.7
85°	46.2	52.3	65.8	88.9	109.5	77.2	54.4	71.5	88.9	*72.9*	65.1
87.5°	16.4	21.3	23.1	34.9	47.7	32.0	21.0	20.6	29.2	*21.7*	18.1
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: P1201997
CATALOG NUMBER: GWC-SB1C-830-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7	982.7
2.5°	989.9	988.1	981.0	971.4	961.4	951.8	948.6	941.8	937.2	934.7	937.6
5°	1009.8	1004.1	987.4	966.0	943.6	919.4	902.4	886.7	875.3	864.7	868.9
7.5°	1038.2	1028.3	999.5	962.1	922.3	882.1	852.2	829.4	814.2	804.2	806.3
10°	1071.3	1056.0	1011.9	956.1	894.5	836.9	801.7	782.1	772.5	767.2	768.6
12.5°	1109.4	1087.7	1024.7	942.2	852.2	786.4	762.2	756.5	756.9	757.2	758.0
15°	1156.3	1126.1	1035.0	912.0	797.1	747.6	743.4	752.6	762.2	766.8	766.5
17.5°	1209.3	1166.6	1036.8	862.2	743.0	722.7	736.3	756.2	770.8	777.2	778.6
20°	1266.2	1207.9	1024.0	791.7	698.6	702.5	726.7	752.3	768.3	776.4	778.6
22.5°	1331.3	1252.0	993.4	717.8	662.3	680.4	708.9	733.8	750.5	758.7	760.8
25°	1405.6	1301.4	945.4	655.5	631.0	655.5	684.0	704.6	718.1	725.6	727.7
27.5°	1488.2	1353.0	881.4	606.1	603.6	629.9	653.4	669.4	676.5	682.2	684.3
30°	1571.0	1400.0	803.8	568.7	579.8	604.7	621.4	628.5	630.6	631.7	634.2
32.5°	1660.7	1440.5	722.4	537.8	557.0	580.1	590.1	593.3	583.3	576.6	578.7
35°	1769.2	1483.9	642.7	513.2	534.6	554.5	557.7	554.9	543.1	529.3	530.0
37.5°	1903.2	1538.0	579.0	495.8	513.6	526.8	522.8	522.1	523.2	506.8	507.9
40°	2067.6	1608.4	532.5	482.3	496.5	499.4	488.3	494.4	499.7	474.8	475.5
42.5°	2250.0	1693.4	502.9	473.1	482.3	475.5	458.5	465.2	464.5	431.8	431.4
45°	2436.1	1785.9	492.6	466.3	469.1	455.6	436.8	438.6	423.6	394.1	395.2
47.5°	2621.0	1885.1	499.0	460.6	452.8	437.5	422.9	415.1	393.0	371.0	371.0
50°	2802.4	1989.3	522.5	449.2	430.4	421.5	410.8	396.9	373.5	354.6	353.2
52.5°	2970.6	2094.2	548.8	430.4	402.3	407.6	400.9	384.8	361.7	342.5	342.9
55°	3130.0	2199.2	559.1	404.4	376.0	395.5	391.6	362.1	334.3	318.7	317.3
57.5°	3303.6	2325.4	547.7	371.3	354.6	381.6	366.7	334.0	318.0	306.2	305.2
60°	3544.0	2523.5	523.2	330.4	334.3	361.0	335.4	321.9	304.5	291.3	290.6
62.5°	3943.4	2893.1	483.7	289.9	310.5	330.4	320.5	307.0	289.2	276.4	276.4
65°	4533.9	3406.7	409.4	258.2	283.8	300.5	304.5	290.9	272.5	258.9	259.6
67.5°	5031.8	3728.9	309.8	231.9	256.4	276.4	287.4	274.2	254.7	241.5	241.9
70°	*5004.4*	*3494.9*	*236.5*	*205.9*	*232.3*	*252.5*	*266.8*	*256.4*	*235.5*	*223.0*	*224.1*
72.5°	4444.9	2923.7	191.4	179.6	207.7	227.6	244.7	236.9	215.5	203.4	203.4
75°	3265.5	2075.4	152.9	152.9	177.1	201.7	220.5	215.5	196.0	187.4	185.0
77.5°	1376.5	870.7	119.9	127.0	147.3	173.2	196.7	198.5	181.4	192.1	174.3
80°	366.0	240.1	91.4	99.9	115.6	143.0	171.1	170.4	151.9	141.9	132.0
82.5°	139.4	94.6	65.1	70.4	83.6	109.5	135.5	139.8	121.3	104.9	104.9
85°	53.7	40.5	40.2	42.3	48.7	72.6	102.4	106.0	91.4	77.5	80.0
87.5°	13.9	12.1	14.9	14.2	22.4	38.8	58.7	60.8	55.8	32.4	46.2
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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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

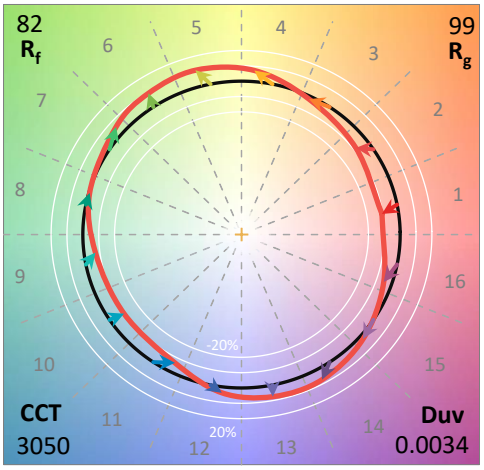
Test Information

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

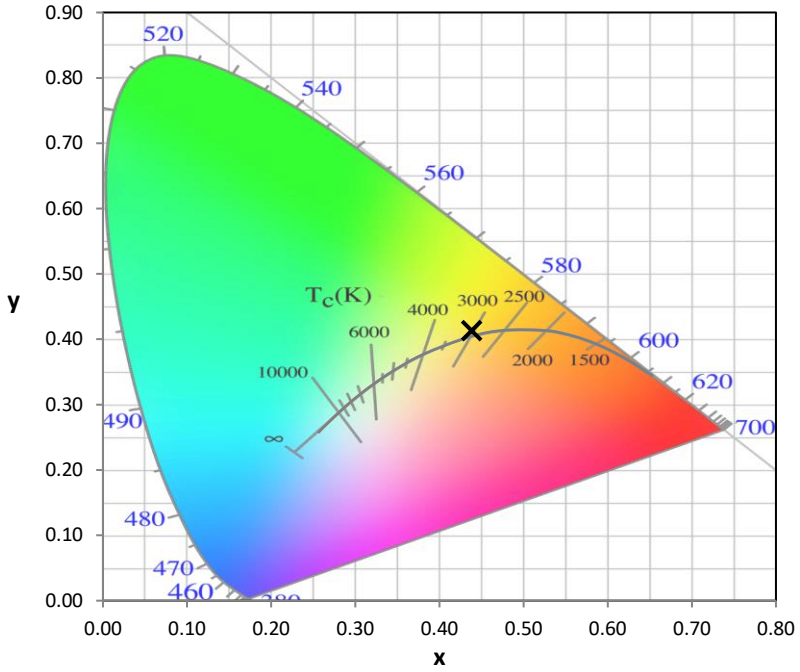
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

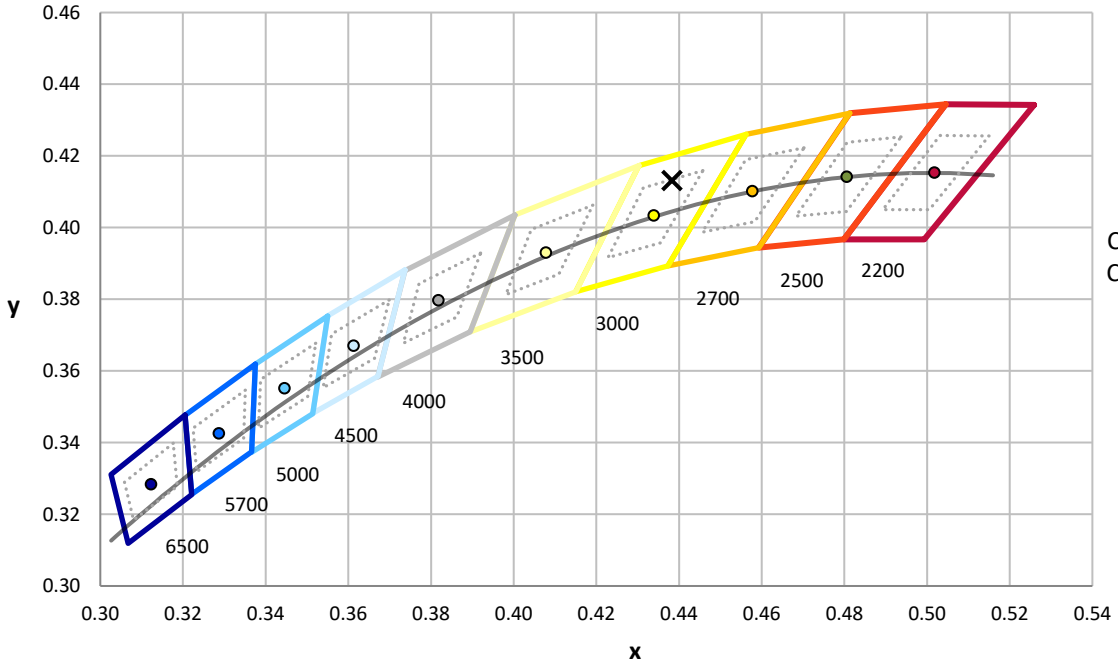
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

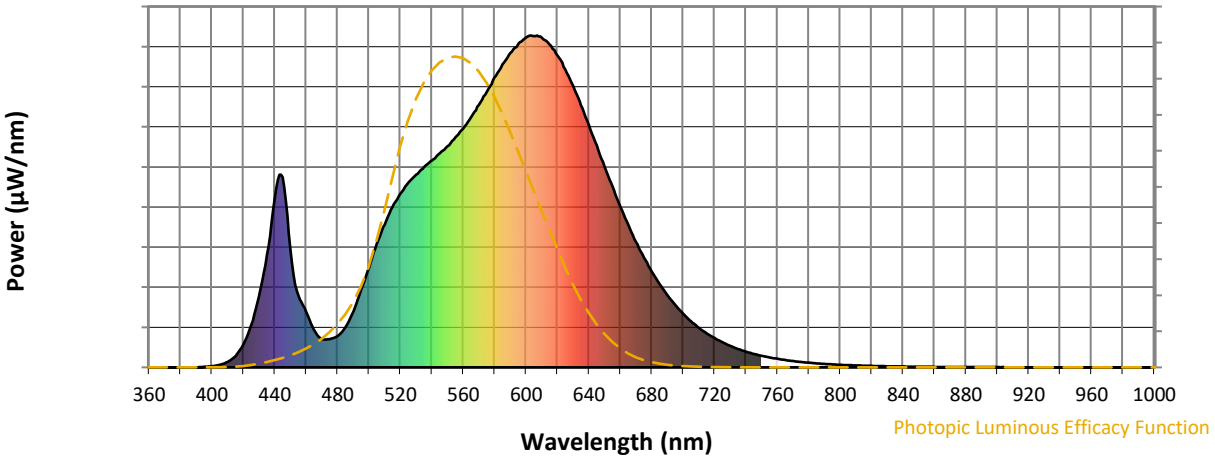


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

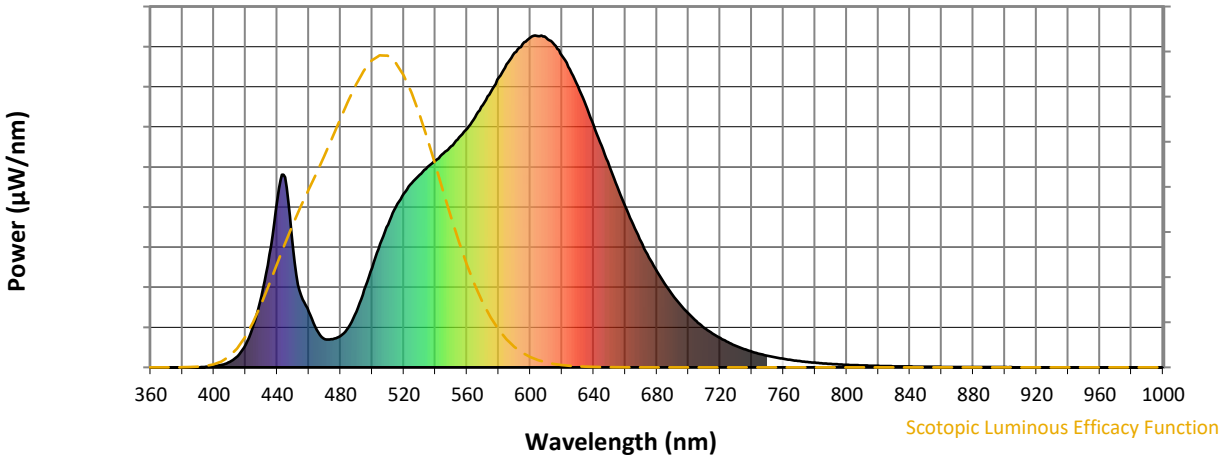


Photopic Lumens: NR

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

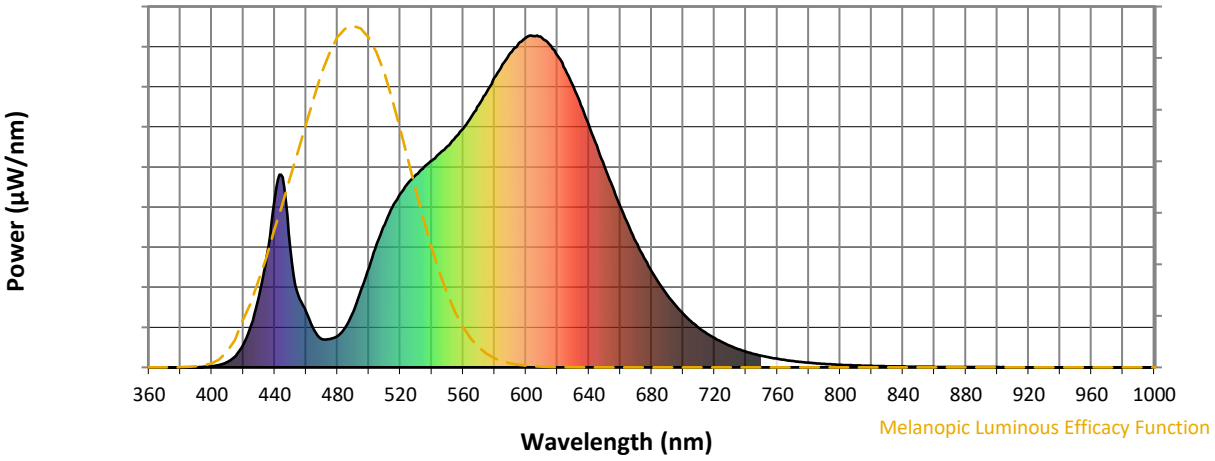


Scotopic Lumens: NR **S/P: 1.27**

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			

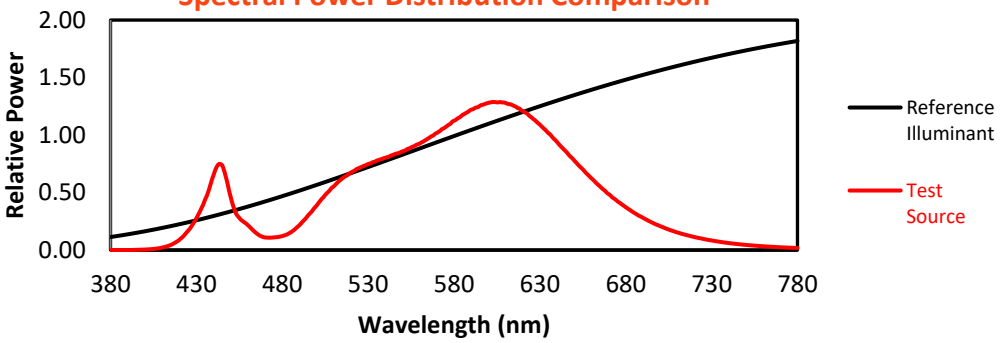
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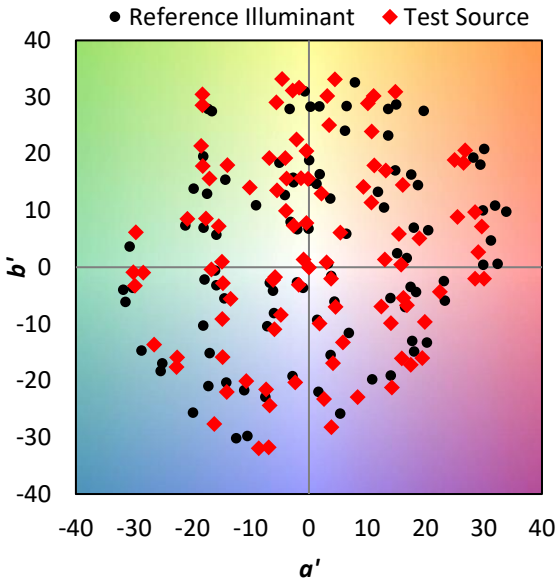
Summary

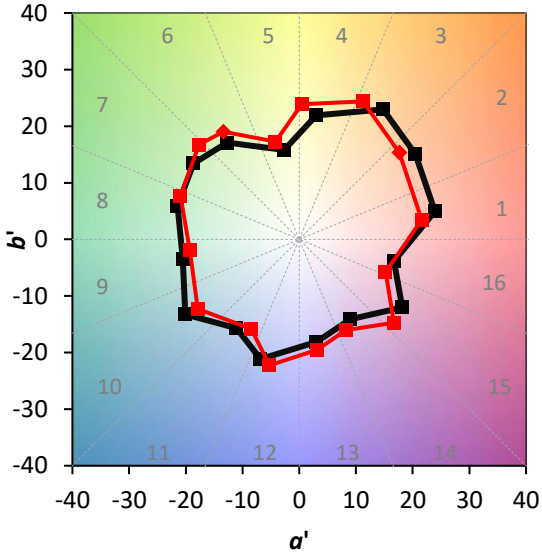
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

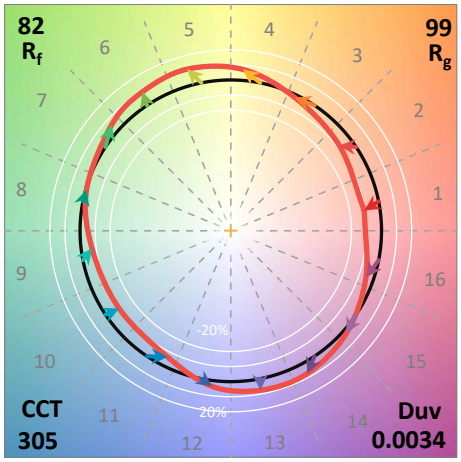
Spectral Power Distribution Comparison

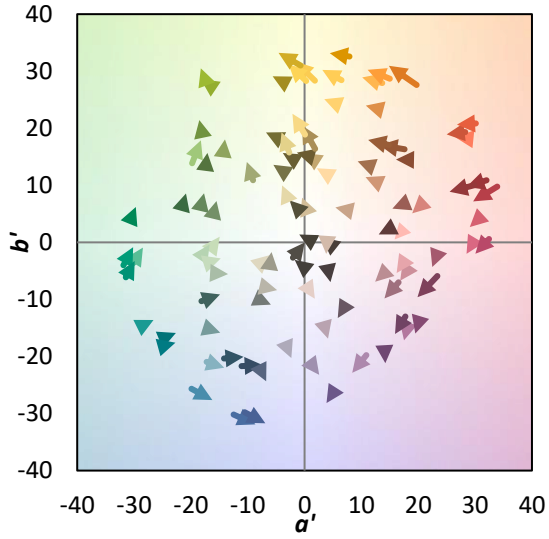


Color Vector Graphics







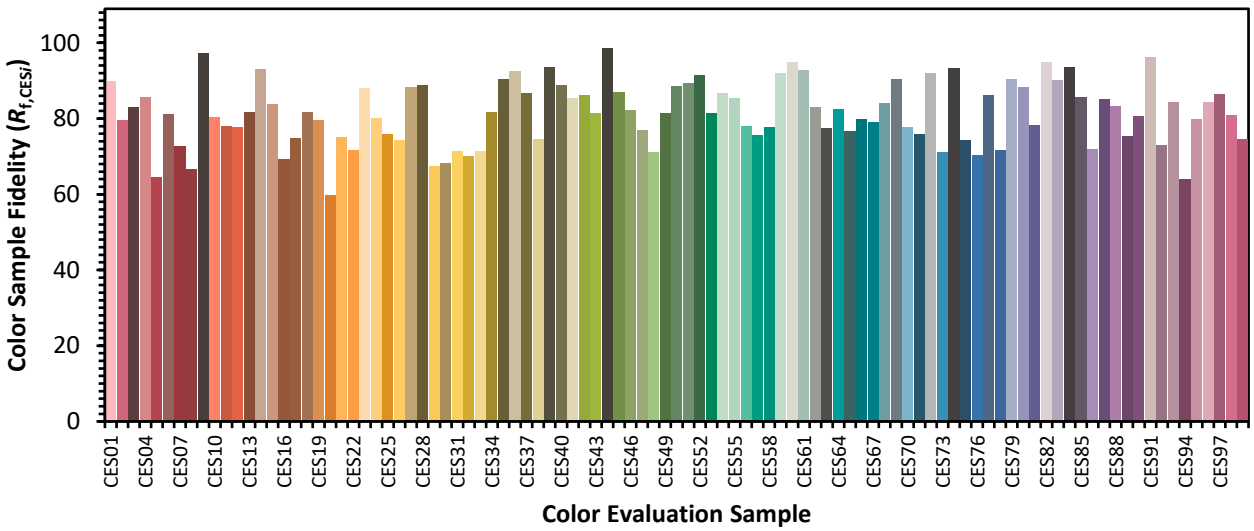


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Individual Sample Fidelity Index ($R_{f,i}$)

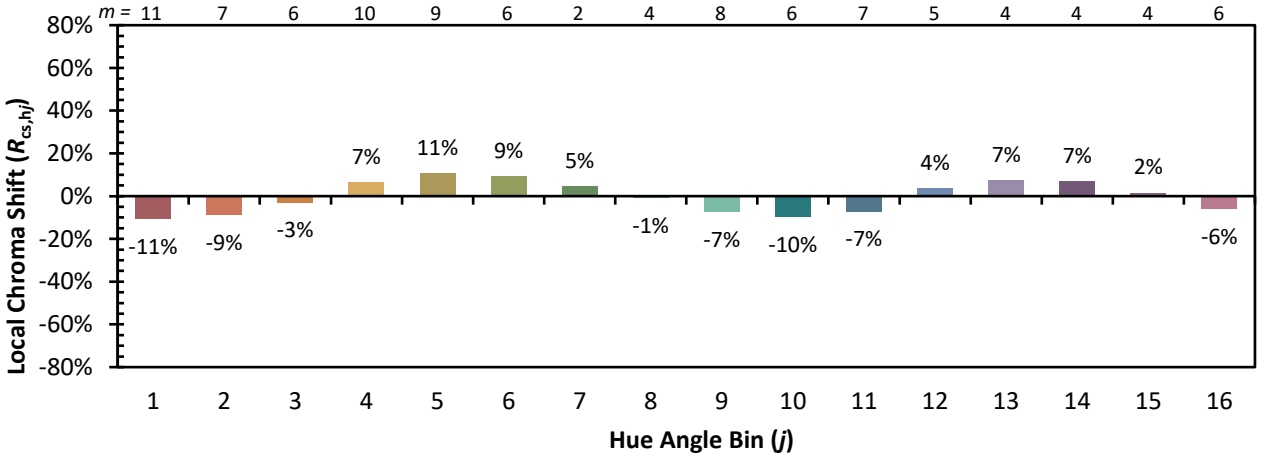
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

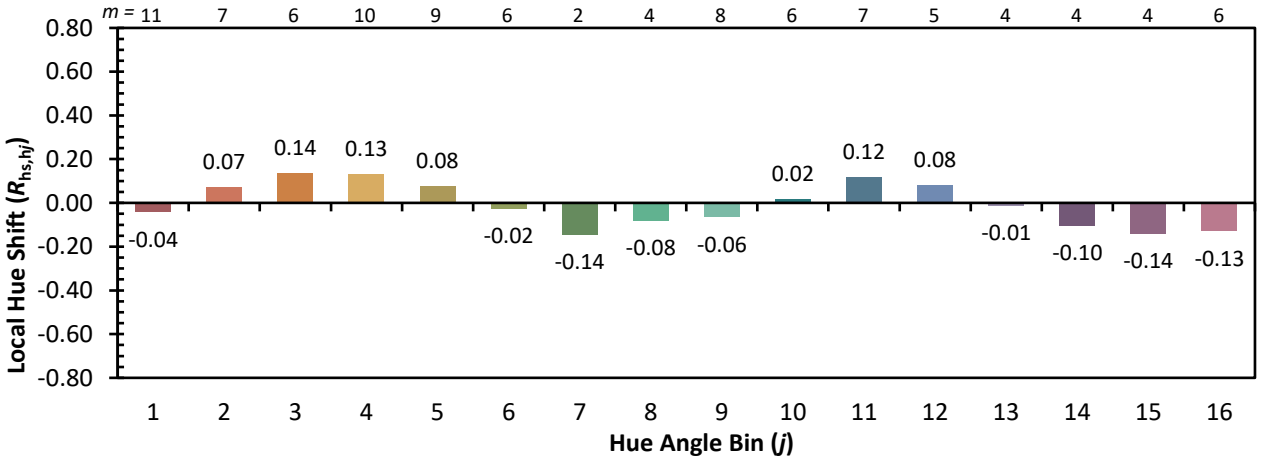


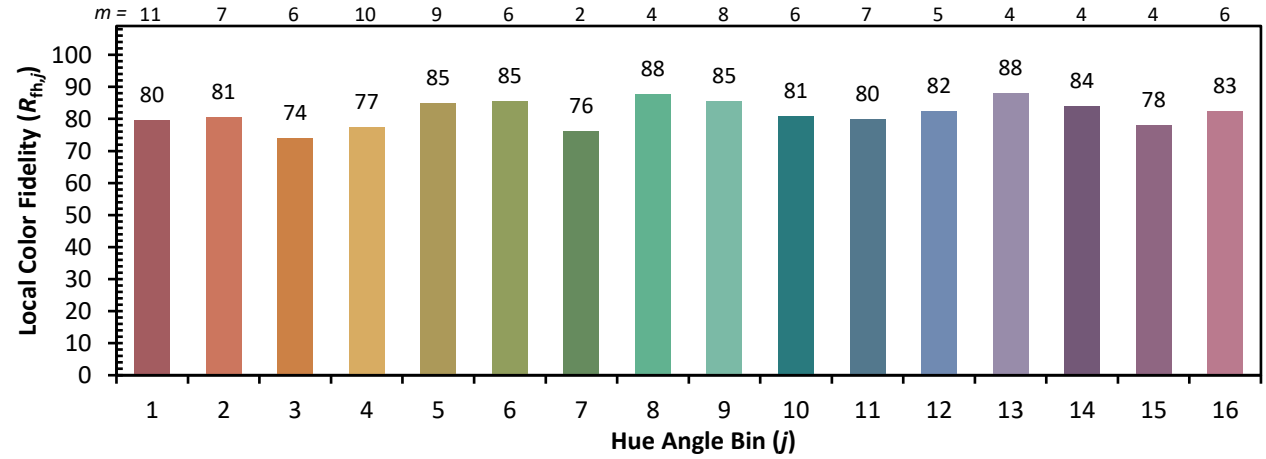
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Color Rendition by Hue-Angle Bin



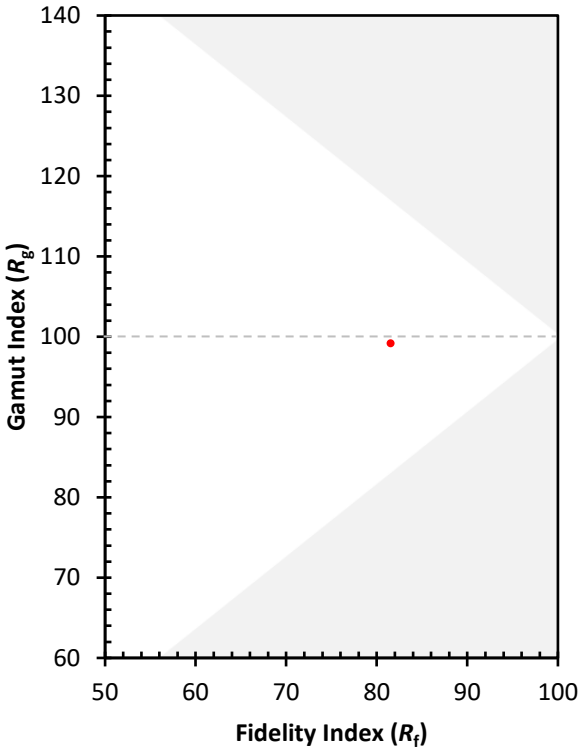


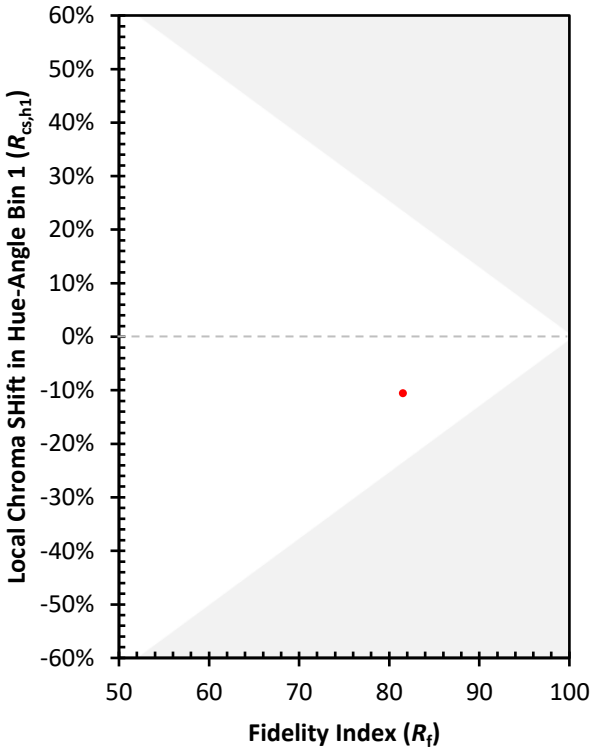


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Measure Comparisons





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