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: P1202745

Luminaire Tested: GWC-SB2A-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:	P1202745
	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-SB2A-830-U-T2
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7985 lumens
Efficiency:	N/A
Efficacy:	139.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

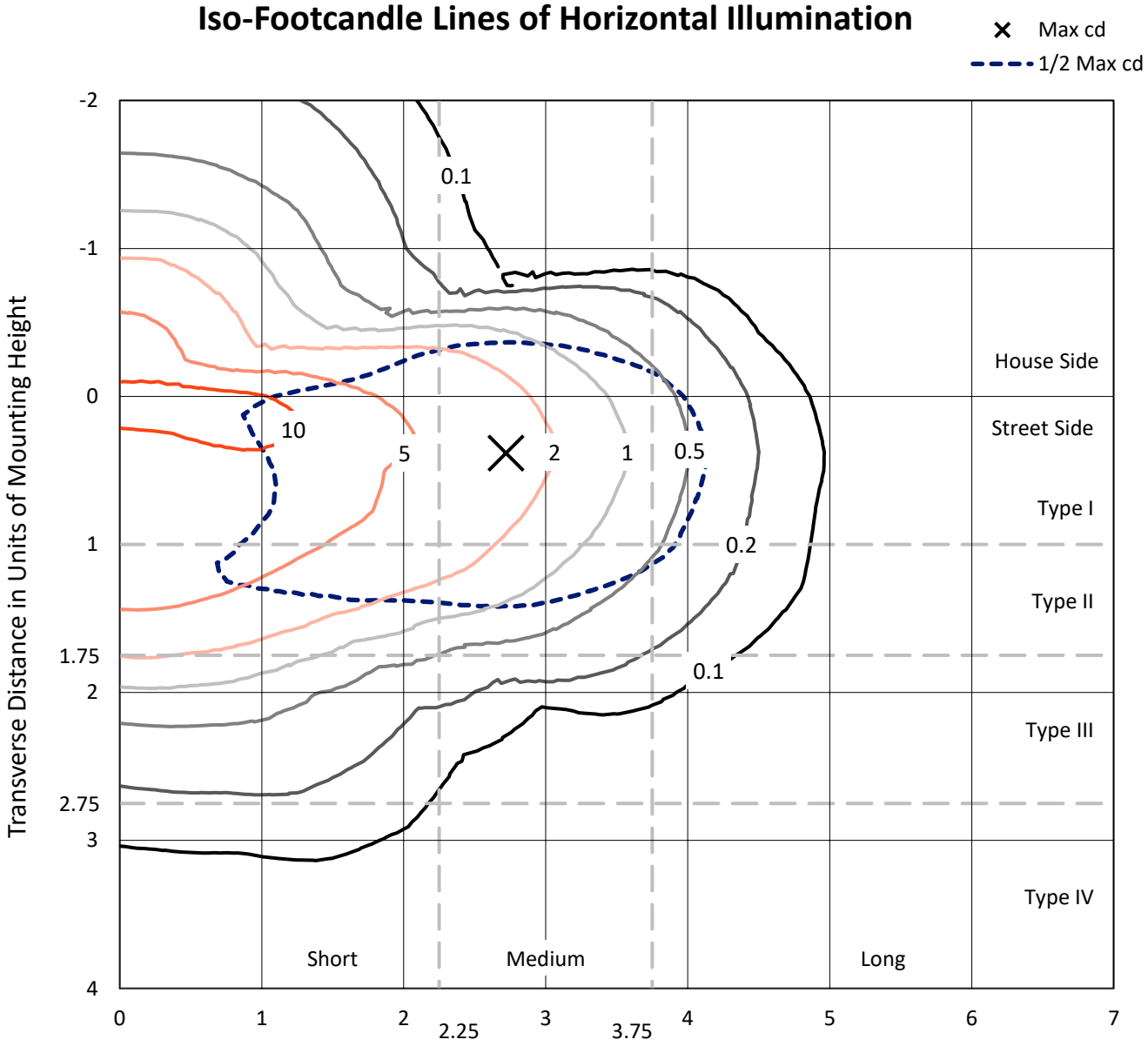


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REPORT NUMBER: P1202745
CATALOG NUMBER: GWC-SB2A-830-U-T2

Iso-Footcandle Lines of Horizontal Illumination



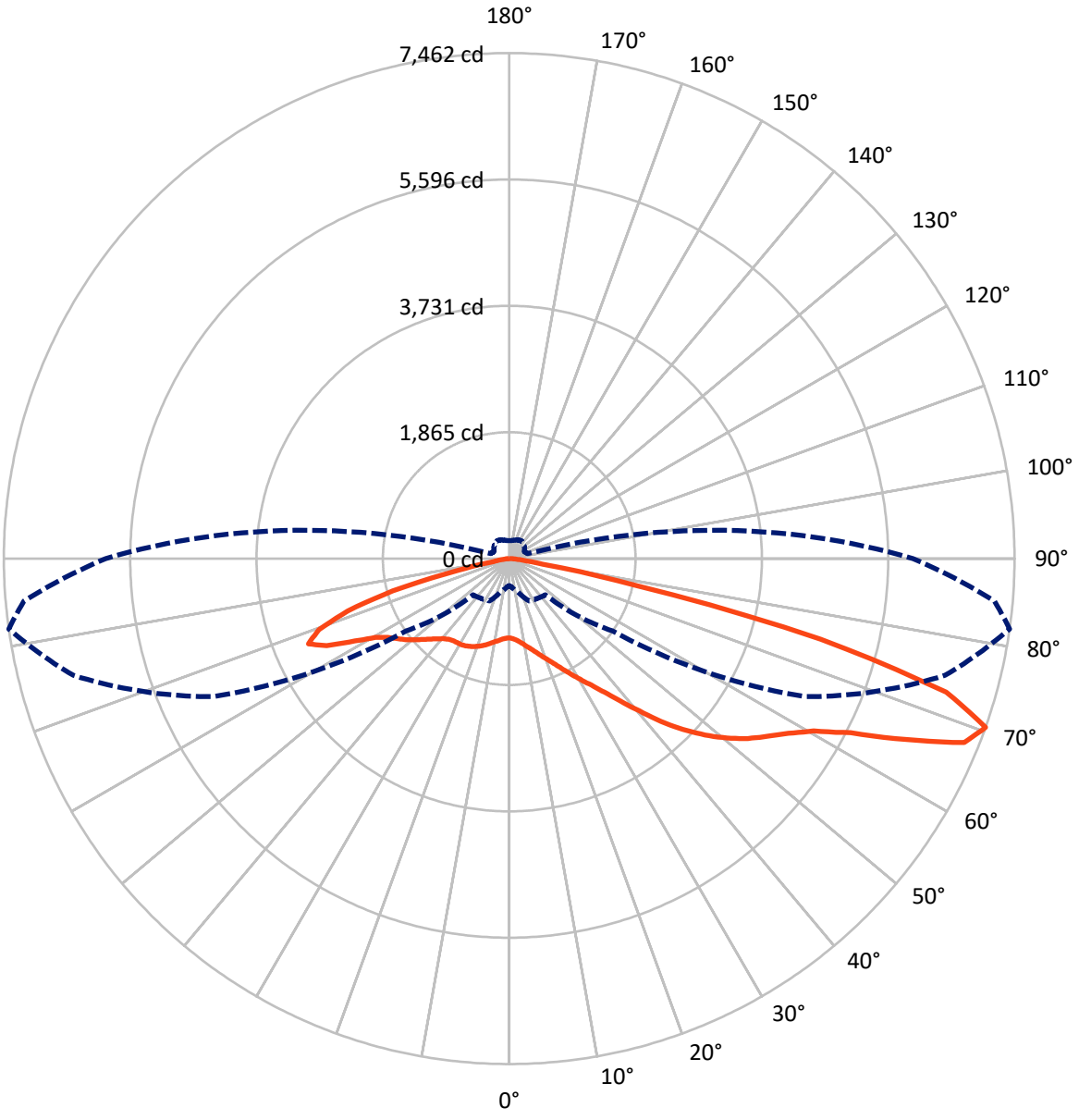
Based on 10 foot mounting height. Maximum calculated value = 12.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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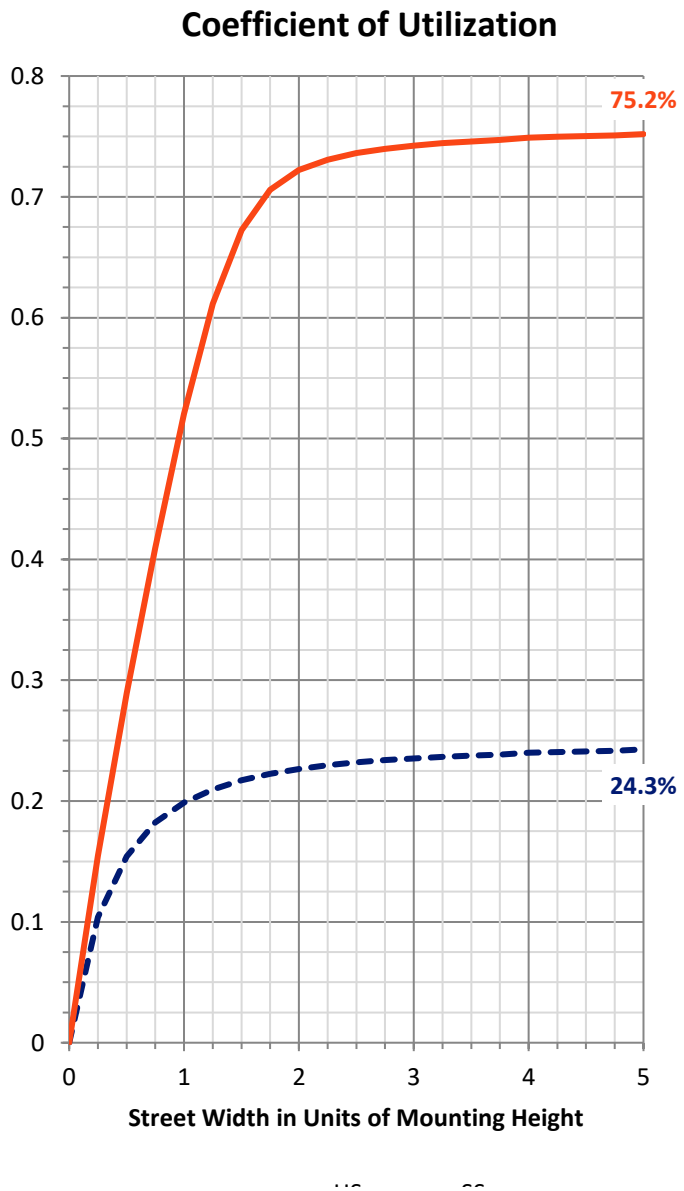
REPORT NUMBER: P1202745
CATALOG NUMBER: GWC-SB2A-830-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1968.5	0.0	1968.5
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	6016.5	0.0	6016.5
	% Fixture	75.3	0.0	75.3
Total	Lumens	7985.0	0.0	7985.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.5	1.4
10°-20°	317.6	4.0
20°-30°	531.3	6.7
30°-40°	830.0	10.4
40°-50°	1321.8	16.6
50°-60°	1839.5	23.0
60°-70°	1924.2	24.1
70°-80°	1005.7	12.6
80°-90°	104.4	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°	7985.0	100.0
0°-180°	7985.0	100.0



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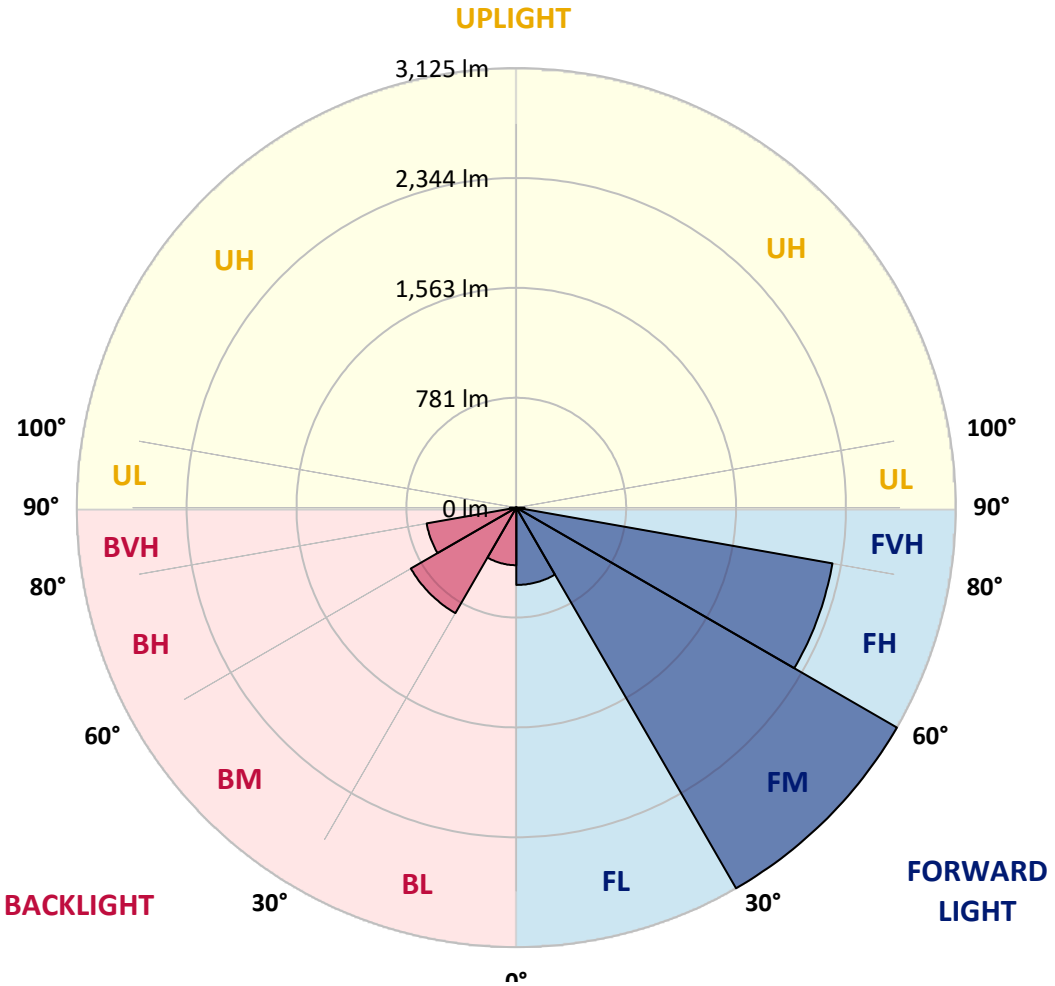
Scaled Data Report

REPORT NUMBER: P1202745
CATALOG NUMBER: GWC-SB2A-830-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	549.9	6.9			
FM	(30°-60°)	3125.2	39.1			
FH	(60°-80°)	2282.9	28.6			G2/5000
FVH	(80°-90°)	58.5	0.7			G1/100
BL	(0°-30°)	409.5	5.1	B1/500		
BM	(30°-60°)	866.1	10.8	B1/1000		
BH	(60°-80°)	647.0	8.1	B2/1000		G2/1000
BVH	(80°-90°)	46.0	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7	*1170.7*	1170.7
2.5°	1198.7	1205.4	1203.3	1201.2	1201.2	1198.2	1197.8	1193.6	1190.2	*1184.7*	1183.4
5°	1213.9	1221.1	1220.3	1222.0	1227.5	1228.7	1230.0	1227.5	1220.7	*1213.9*	1211.0
7.5°	1200.4	1208.4	1211.0	1221.1	1238.1	1253.3	1264.8	1269.4	1263.1	*1253.3*	1248.7
10°	1154.6	1163.5	1172.4	1196.5	1226.6	1262.6	1293.2	1311.4	1310.1	*1300.8*	1292.7
12.5°	1061.8	1071.1	1090.2	1137.2	1192.3	1255.9	1312.6	1350.8	1363.9	*1357.1*	1343.1
15°	987.7	995.7	1010.1	1058.4	1130.0	1226.6	1319.8	1394.0	1427.5	*1423.7*	1406.7
17.5°	985.5	988.9	997.8	1020.7	1075.8	1180.9	1312.2	1436.4	1500.3	*1499.9*	1478.7
20°	1022.8	1024.1	1029.2	1033.8	1065.2	1146.1	1292.7	1471.5	1582.1	*1582.1*	1559.2
22.5°	1074.5	1073.7	1078.8	1074.5	1089.8	1143.2	1280.4	1502.5	1673.2	*1680.0*	1651.2
25°	1152.1	1147.8	1146.5	1136.8	1139.8	1170.7	1294.0	1537.6	1781.3	*1795.2*	1759.2
27.5°	1255.4	1248.7	1244.0	1221.5	1213.9	1227.5	1335.5	1580.0	1901.6	*1925.7*	1880.0
30°	1390.2	1377.9	1371.1	1332.1	1304.6	1306.7	1398.2	1636.4	2027.4	*2066.4*	2008.4
32.5°	1574.1	1555.0	1536.8	1472.8	1422.4	1405.9	1479.2	1714.3	2163.9	*2226.2*	2151.6
35°	1780.0	1764.7	1745.2	1646.5	1569.0	1530.9	1588.5	1823.2	2323.6	*2422.3*	2325.3
37.5°	1978.3	1965.2	1974.5	1841.4	1741.4	1685.9	1731.7	1969.4	2520.6	*2666.4*	2543.1
40°	2183.4	2173.2	2174.5	2047.3	1930.8	1868.5	1905.4	2152.9	2746.5	*2956.6*	2804.9
42.5°	2406.2	2398.6	2373.2	2260.5	2129.5	2071.5	2105.4	2364.7	2988.8	*3287.1*	3092.2
45°	2655.8	2651.1	2627.4	2498.2	2348.2	2282.9	2328.7	2598.6	3232.5	*3598.1*	3380.8
47.5°	2871.5	2875.3	2872.3	2763.4	2607.9	2512.2	2566.8	2842.6	3459.1	*3890.5*	3657.4
50°	2975.3	2995.2	3024.4	2990.5	2893.9	2796.5	2807.1	3078.2	3675.2	*4164.6*	3922.7
52.5°	2921.0	2958.7	3038.4	3092.6	3129.9	3109.6	3081.2	3312.1	3878.6	*4412.1*	4173.5
55°	2718.9	2771.9	2904.1	3035.0	3225.3	3373.1	3410.4	3571.4	4076.9	*4629.8*	4410.8
57.5°	2350.7	2436.7	2555.4	2820.2	3140.5	3500.7	3794.3	3931.1	4287.1	*4862.5*	4659.1
60°	1719.4	1834.6	1982.1	2376.1	2843.9	3432.4	4121.0	4483.7	4585.8	*5163.7*	4982.4
62.5°	1100.4	1171.5	1307.1	1678.3	2216.0	3082.9	4221.0	5174.3	5092.1	*5657.8*	5467.1
65°	753.4	799.1	923.3	1131.7	1432.6	2294.8	3953.2	5692.1	5896.3	*6440.8*	6295.9
67.5°	547.4	582.2	688.1	870.7	933.4	1358.0	3067.6	5668.3	6678.0	*7247.5*	7022.1
70°	*399.1*	*423.7*	*512.7*	*688.1*	*718.2*	*755.5*	*1858.4*	*4818.4*	*6661.1*	*7461.9*	*7192.0*
72.5°	295.7	312.7	372.4	533.9	581.3	510.1	919.9	3501.9	5723.9	*6749.2*	6532.7
75°	214.0	226.7	270.7	408.5	465.2	388.5	458.9	2046.5	3992.6	*4747.6*	4785.8
77.5°	163.6	173.3	202.1	299.1	372.4	291.5	284.7	941.5	1893.1	*1902.4*	2009.2
80°	131.3	137.7	153.4	210.6	285.6	218.2	185.6	380.1	598.3	*506.3*	531.3
82.5°	96.6	107.2	129.7	147.9	204.2	150.4	113.1	191.9	227.5	*195.8*	197.4
85°	55.1	62.3	78.4	105.9	130.5	91.9	64.8	85.2	105.9	*86.9*	77.5
87.5°	19.5	25.4	27.5	41.5	56.8	38.1	25.0	24.6	34.7	*25.8*	21.6
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: P1202745
CATALOG NUMBER: GWC-SB2A-830-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7	1170.7
2.5°	1179.2	1177.1	1168.6	1157.1	1145.3	1133.8	1130.0	1122.0	1116.5	1113.5	1116.9
5°	1202.9	1196.1	1176.2	1150.8	1124.1	1095.3	1074.9	1056.3	1042.7	1030.0	1035.1
7.5°	1236.8	1224.9	1190.6	1146.1	1098.7	1050.8	1015.2	988.1	969.9	958.0	960.5
10°	1276.2	1258.0	1205.4	1138.9	1065.6	997.0	955.0	931.7	920.3	913.9	915.6
12.5°	1321.5	1295.7	1220.7	1122.4	1015.2	936.8	908.0	901.2	901.6	902.1	902.9
15°	1377.5	1341.5	1233.0	1086.4	949.5	890.6	885.5	896.6	908.0	913.5	913.1
17.5°	1440.6	1389.8	1235.1	1027.1	885.1	861.0	877.1	900.8	918.2	925.8	927.5
20°	1508.4	1438.9	1219.9	943.2	832.2	836.8	865.6	896.1	915.2	925.0	927.5
22.5°	1585.9	1491.4	1183.4	855.0	788.9	810.6	844.4	874.1	894.0	903.8	906.3
25°	1674.5	1550.3	1126.2	780.9	751.7	780.9	814.8	839.4	855.5	864.4	866.9
27.5°	1772.8	1611.8	1049.9	722.0	719.0	750.4	778.3	797.4	805.9	812.7	815.2
30°	1871.5	1667.7	957.6	677.5	690.6	720.3	740.2	748.7	751.2	752.5	755.5
32.5°	1978.3	1716.0	860.5	640.6	663.5	691.1	702.9	706.7	694.9	686.8	689.4
35°	2107.5	1767.7	765.6	611.4	636.8	660.6	664.4	661.0	647.0	630.5	631.3
37.5°	2267.3	1832.1	689.8	590.6	611.8	627.5	622.8	622.0	623.3	603.8	605.1
40°	2463.0	1916.0	634.3	574.5	591.5	594.9	581.7	589.0	595.3	565.6	566.5
42.5°	2680.4	2017.3	599.1	563.5	574.5	566.5	546.2	554.2	553.4	514.4	514.0
45°	2902.0	2127.4	586.8	555.5	558.9	542.8	520.3	522.4	504.6	469.5	470.7
47.5°	3122.3	2245.6	594.5	548.7	539.4	521.2	503.8	494.5	468.2	441.9	441.9
50°	3338.4	2369.8	622.4	535.1	512.7	502.1	489.4	472.9	444.9	422.4	420.7
52.5°	3538.8	2494.8	653.8	512.7	479.2	485.6	477.5	458.5	430.9	408.0	408.5
55°	3728.6	2619.8	666.1	481.8	447.9	471.2	466.5	431.3	398.3	379.6	377.9
57.5°	3935.4	2770.2	652.5	442.3	422.4	454.6	436.8	397.9	378.8	364.8	363.5
60°	4221.8	3006.2	623.3	393.6	398.3	430.1	399.6	383.5	362.7	347.0	346.2
62.5°	4697.6	3446.4	576.2	345.3	369.9	393.6	381.8	365.7	344.5	329.2	329.2
65°	5401.0	4058.3	487.7	307.6	338.1	358.0	362.7	346.6	324.6	308.5	309.3
67.5°	5994.2	4442.1	369.0	276.3	305.5	329.2	342.4	326.7	303.4	287.7	288.1
70°	*5961.5*	*4163.3*	*281.8*	*245.3*	*276.7*	*300.8*	*317.8*	*305.5*	*280.5*	*265.7*	*266.9*
72.5°	5295.1	3482.9	228.0	214.0	247.4	271.2	291.5	282.2	256.8	242.4	242.4
75°	3890.0	2472.3	182.2	182.2	211.0	240.2	262.7	256.8	233.5	223.3	220.3
77.5°	1639.7	1037.2	142.8	151.3	175.4	206.3	234.3	236.4	216.1	228.8	207.6
80°	436.0	286.0	108.9	119.1	137.7	170.3	203.8	203.0	180.9	169.1	157.2
82.5°	166.1	112.7	77.5	83.9	99.6	130.5	161.4	166.5	144.5	125.0	125.0
85°	64.0	48.3	47.9	50.4	58.0	86.4	122.0	126.3	108.9	92.4	95.3
87.5°	16.5	14.4	17.8	16.9	26.7	46.2	69.9	72.5	66.5	38.6	55.1
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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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

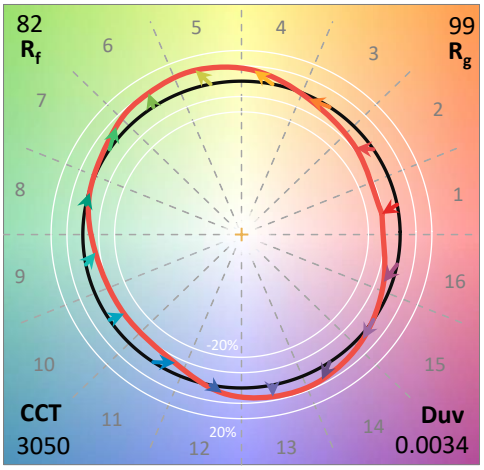
Test Information

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

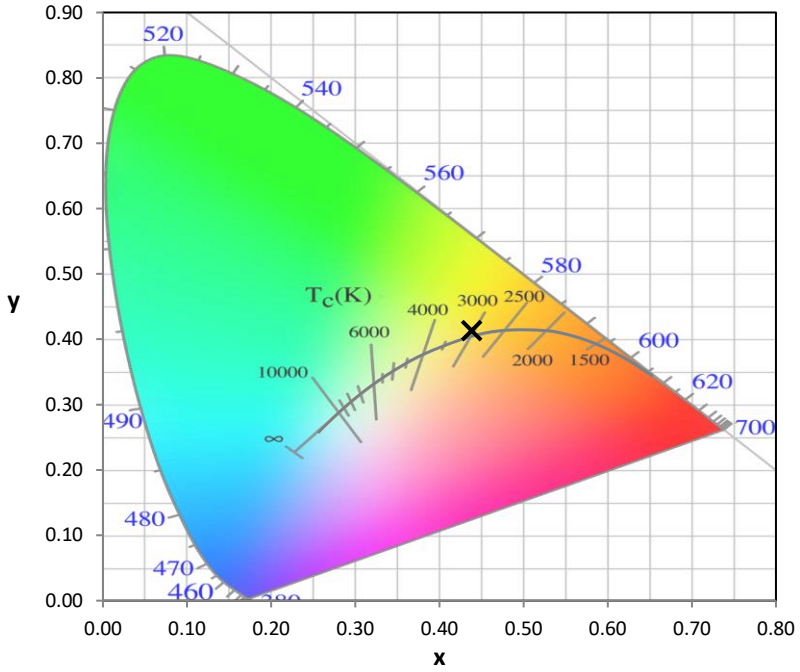
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

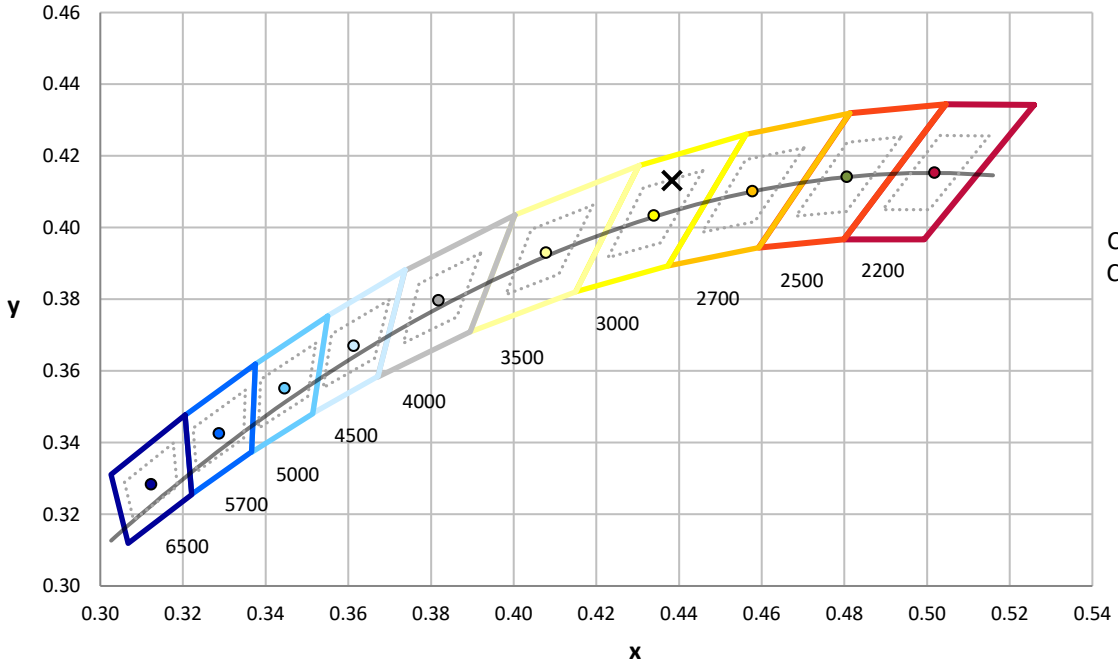
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

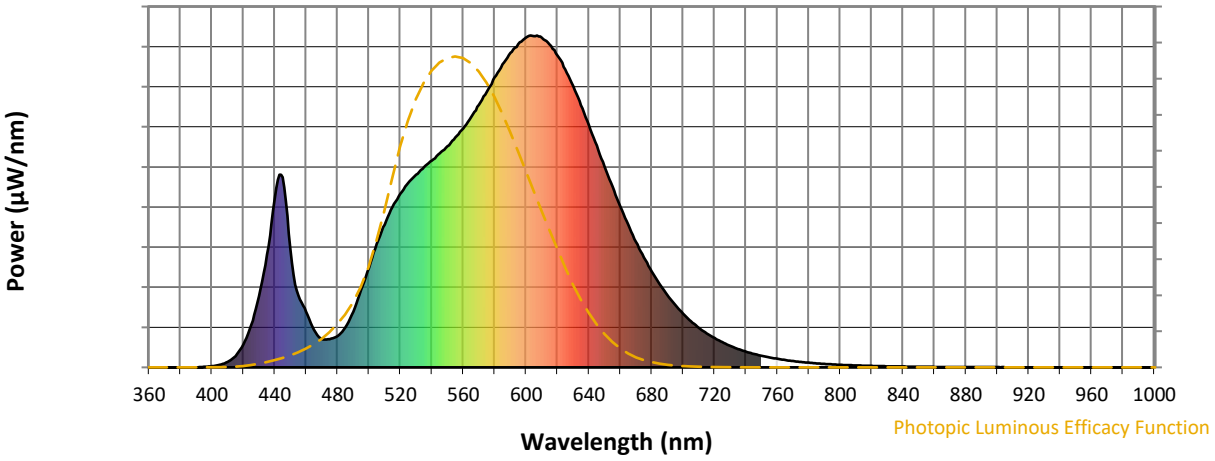


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

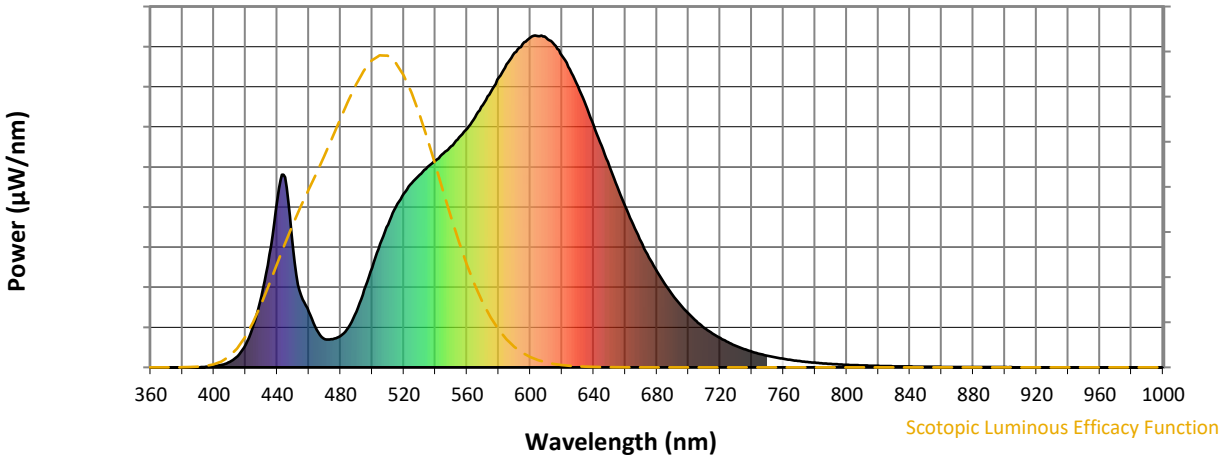


Photopic Lumens: NR

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

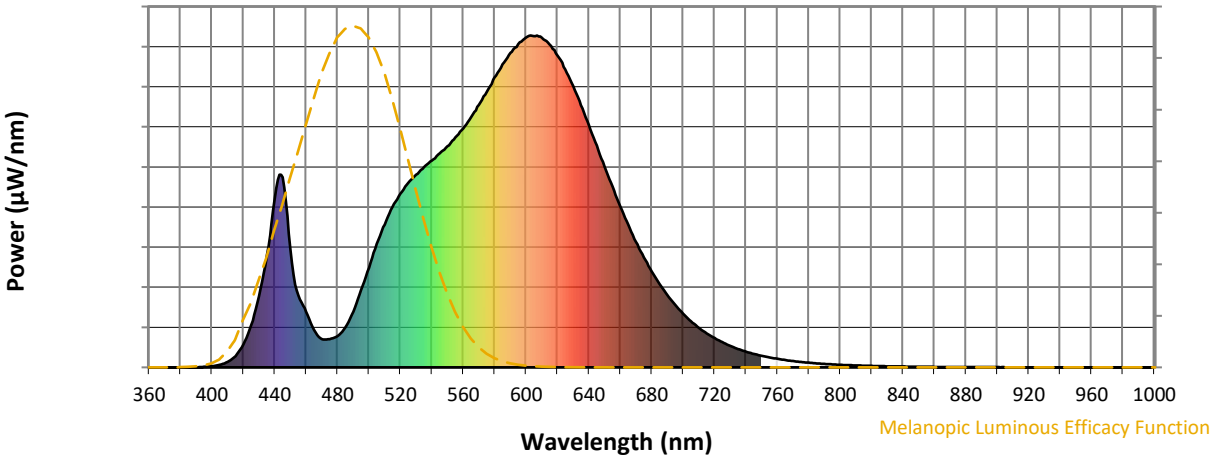


Scotopic Lumens: NR **S/P: 1.27**

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			

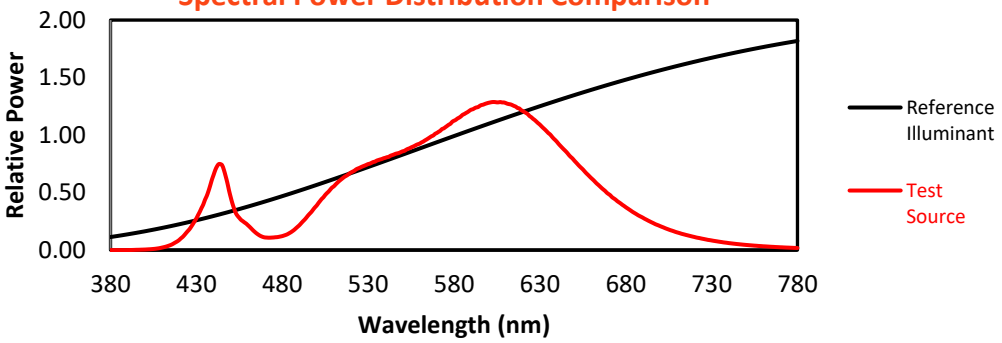
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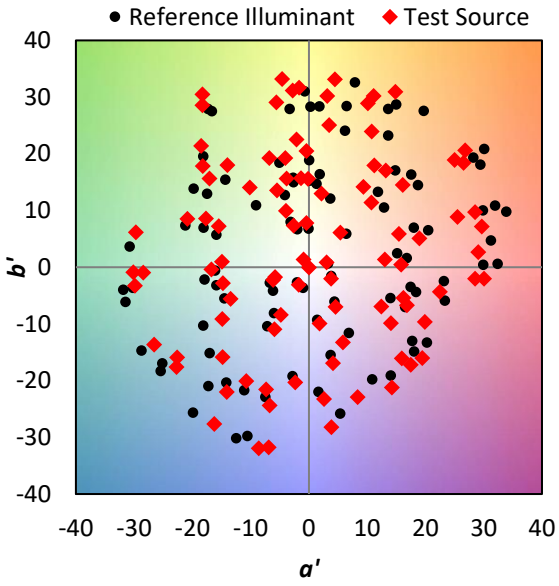
Summary

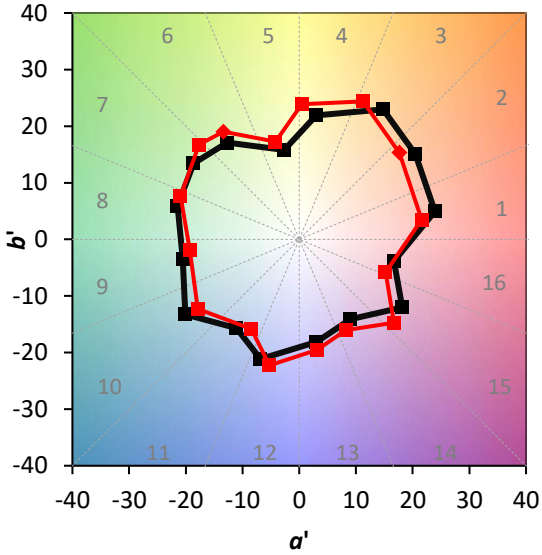
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

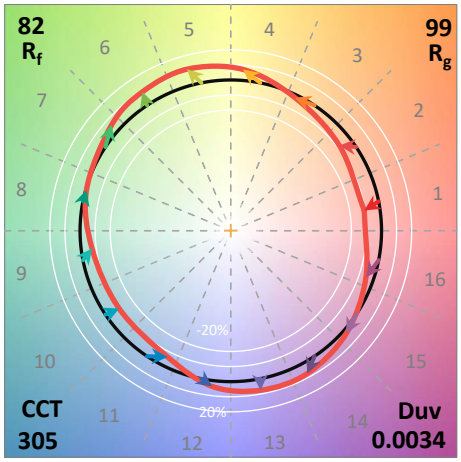
Spectral Power Distribution Comparison

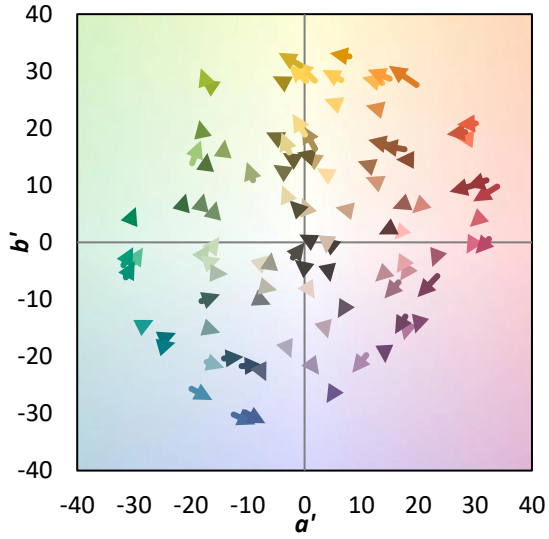


Color Vector Graphics







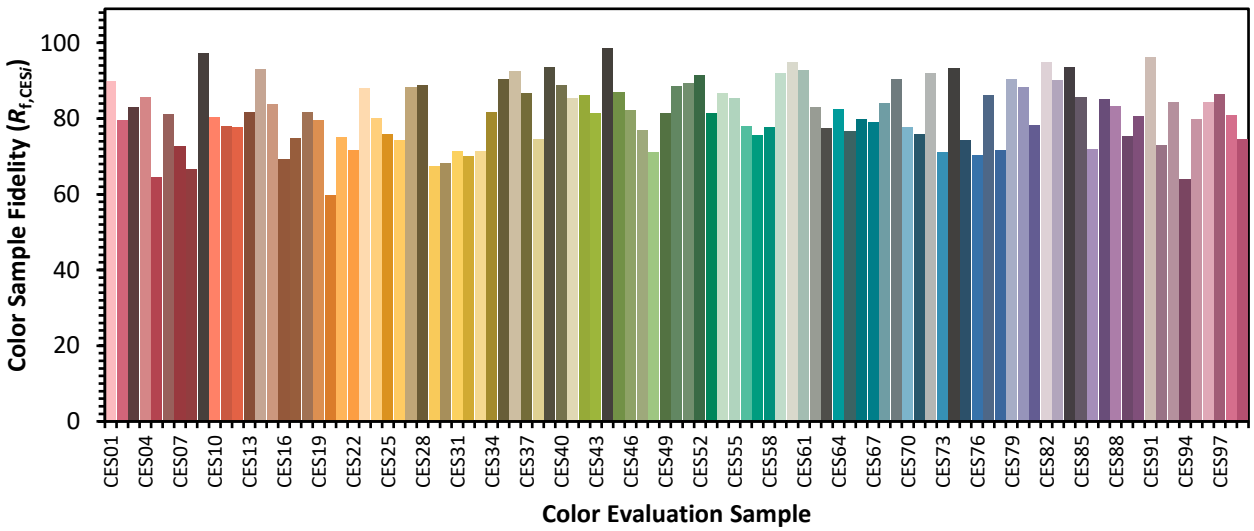


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Individual Sample Fidelity Index ($R_{f,i}$)

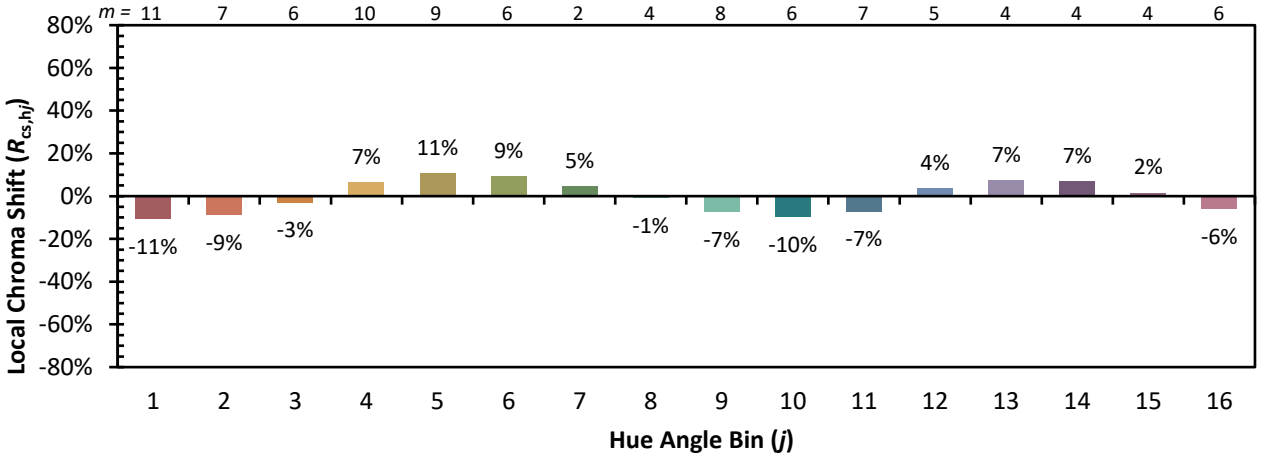
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

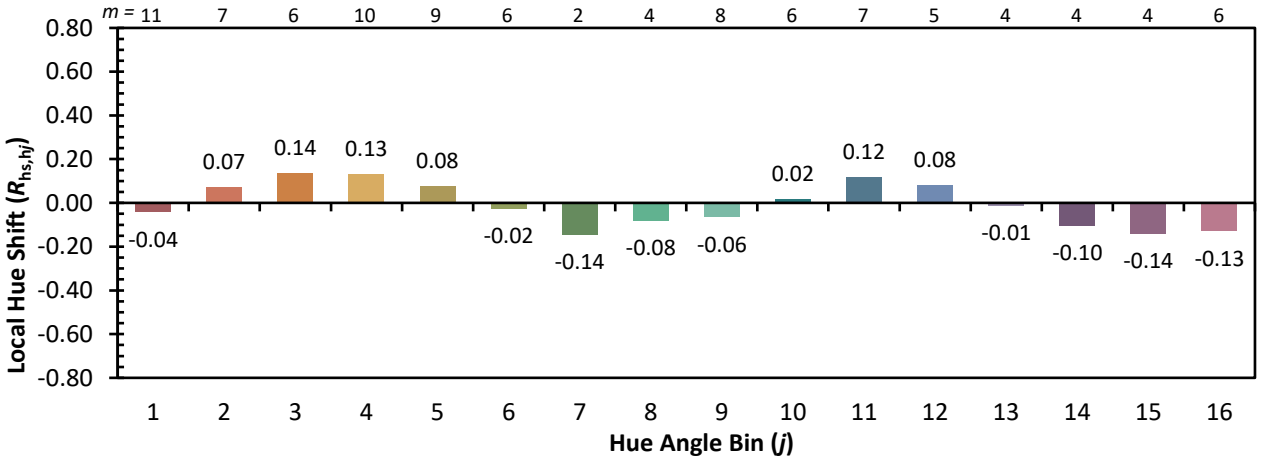


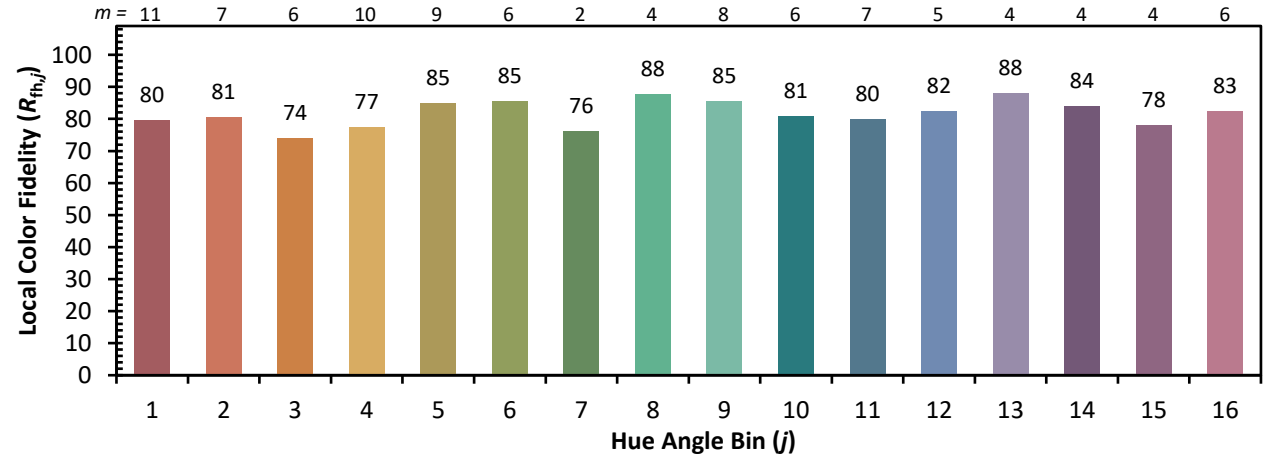
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Color Rendition by Hue-Angle Bin



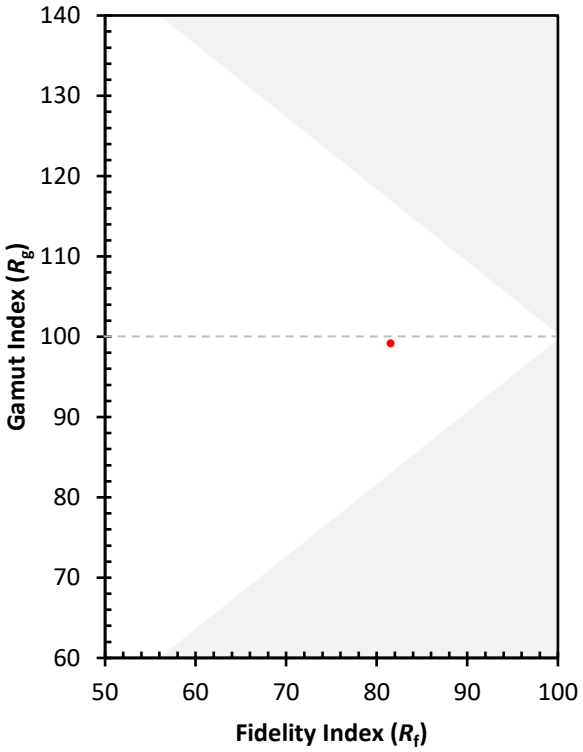


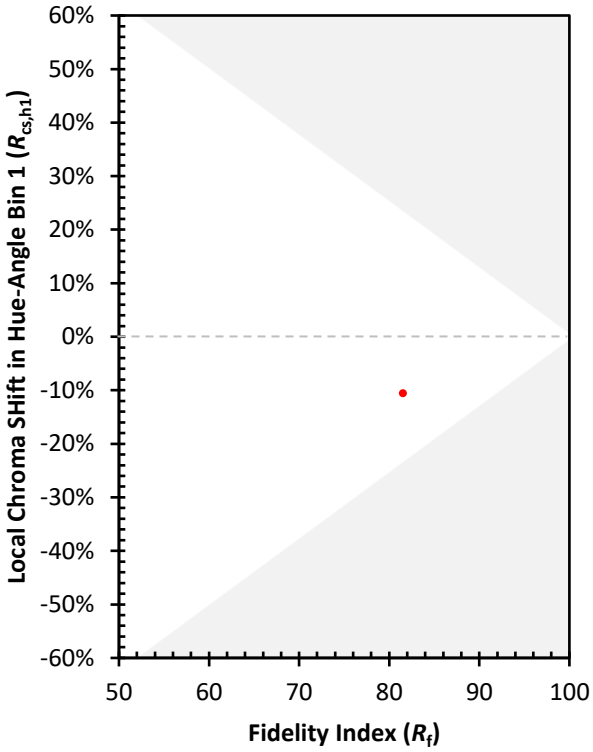


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Measure Comparisons





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