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: P1202373

Luminaire Tested: GWC-SB1D-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:	P1202373
	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-SB1D-830-U-T3
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9199 lumens
Efficiency:	N/A
Efficacy:	115.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

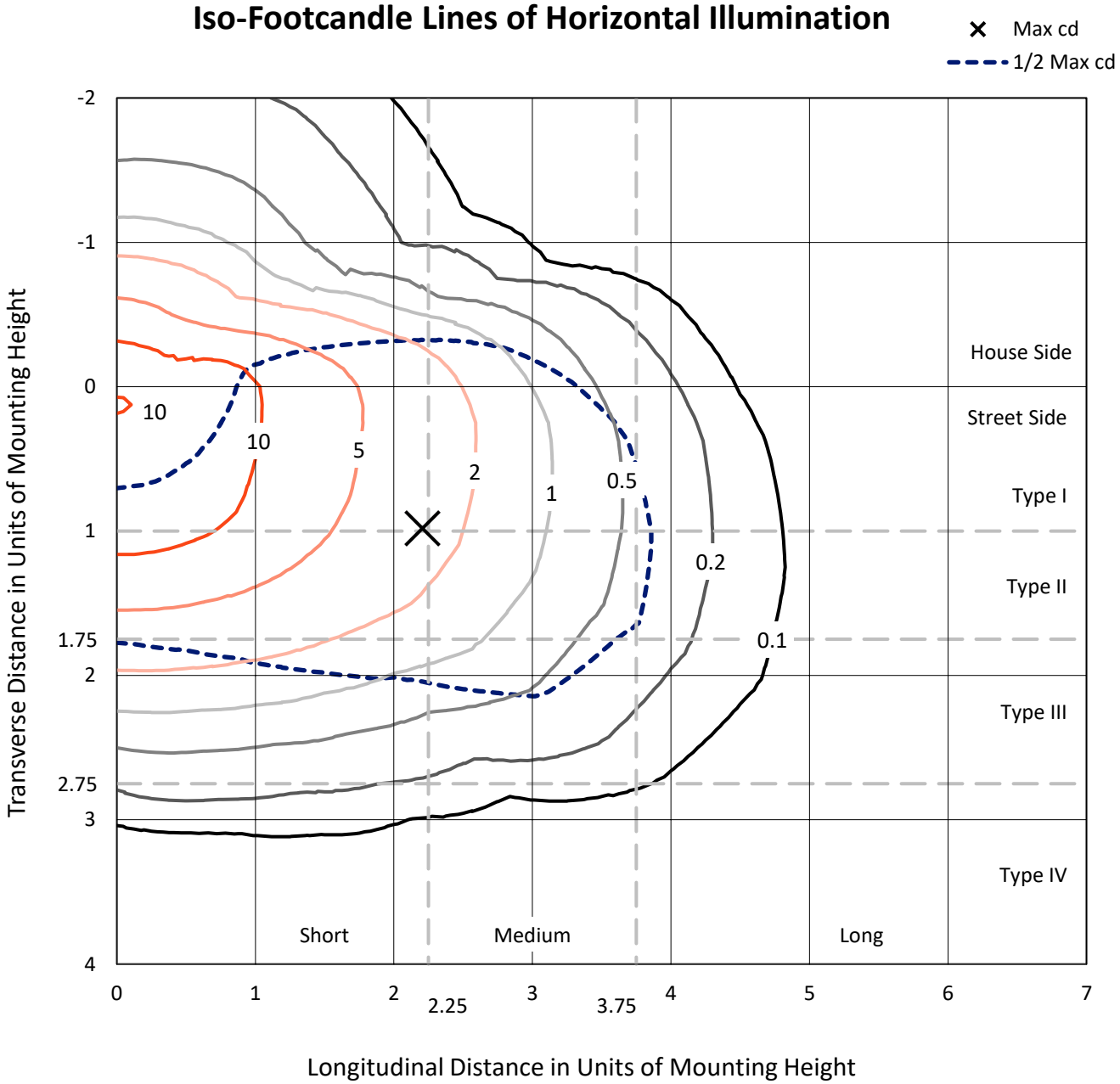


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Scaled Data Report

REPORT NUMBER: P1202373
CATALOG NUMBER: GWC-SB1D-830-U-T3

Iso-Footcandle Lines of Horizontal Illumination



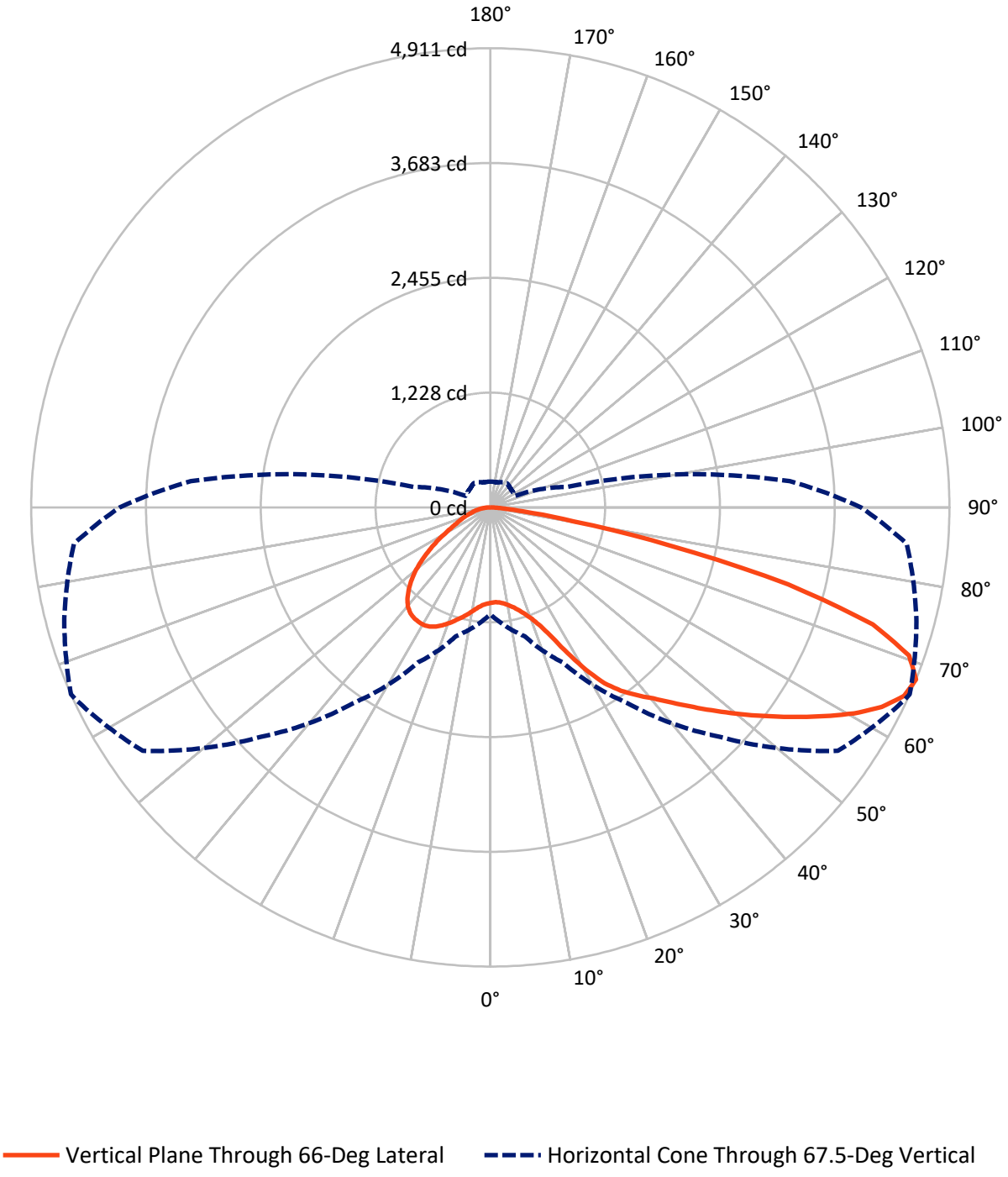
Based on 10 foot mounting height. Maximum calculated value = 13.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1202373
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Luminous Intensity Polar Plot



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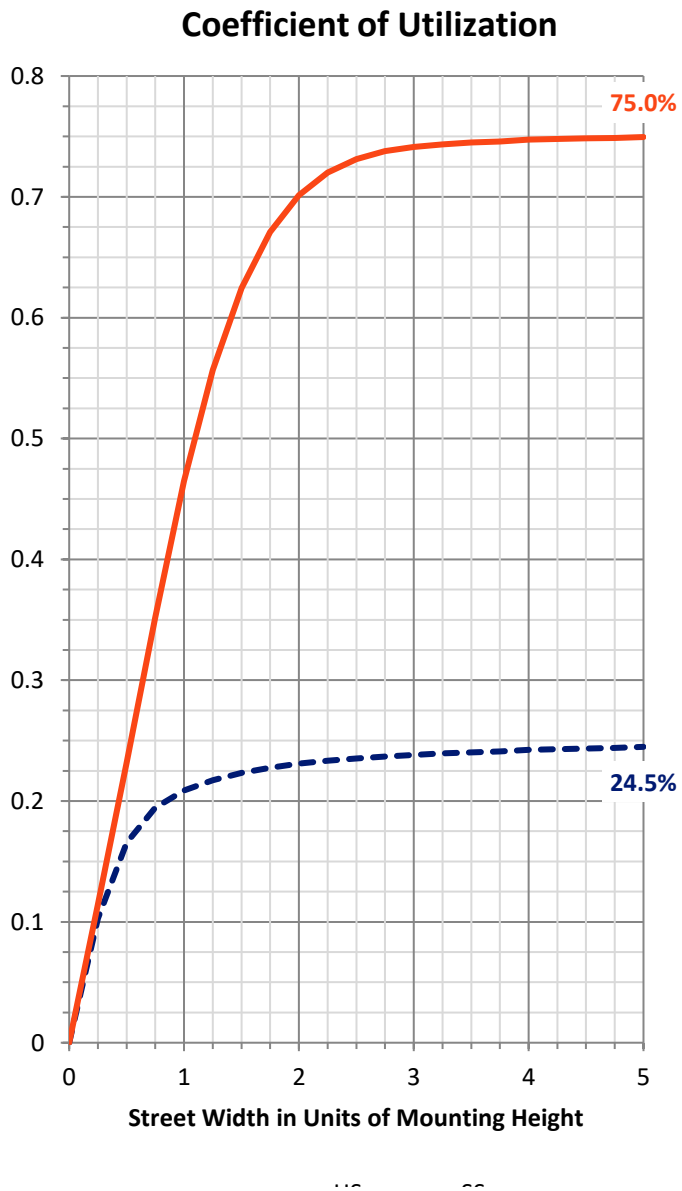
REPORT NUMBER: P1202373
CATALOG NUMBER: GWC-SB1D-830-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2287.3	0.0	2287.3
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	6911.7	0.0	6911.7
	% Fixture	75.1	0.0	75.1
Total	Lumens	9199.0	0.0	9199.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.2	1.1
10°-20°	334.2	3.6
20°-30°	644.2	7.0
30°-40°	1129.5	12.3
40°-50°	1679.2	18.3
50°-60°	2128.5	23.1
60°-70°	2082.7	22.6
70°-80°	993.5	10.8
80°-90°	106.2	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°	9199.0	100.0
0°-180°	9199.0	100.0



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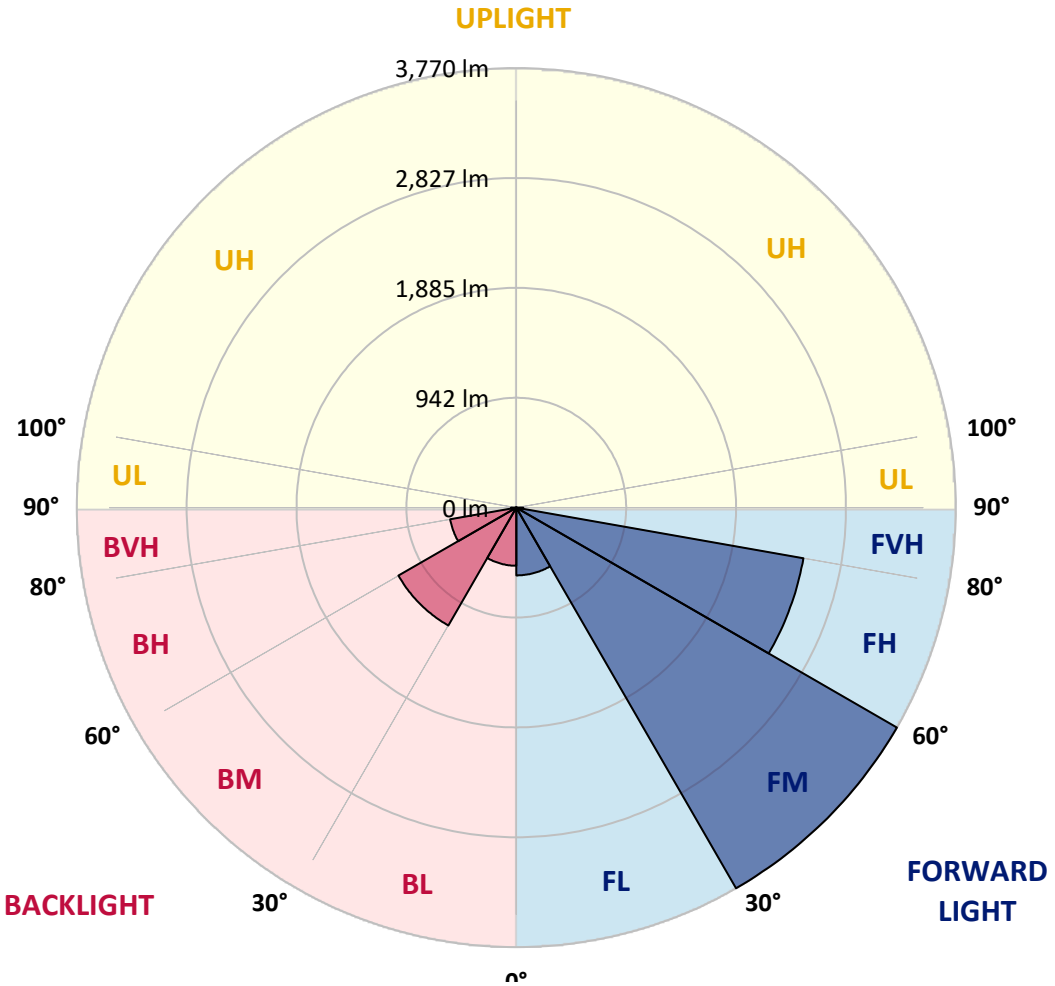
Scaled Data Report

REPORT NUMBER: P1202373
CATALOG NUMBER: GWC-SB1D-830-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	581.3	6.3			
FM	(30°-60°)	3769.7	41.0			
FH	(60°-80°)	2500.5	27.2			G2/5000
FVH	(80°-90°)	60.2	0.7			G1/100
BL	(0°-30°)	498.3	5.4	B1/500		
BM	(30°-60°)	1167.5	12.7	B2/2500		
BH	(60°-80°)	575.6	6.3	B2/1000		G2/1000
BVH	(80°-90°)	46.0	0.5			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 III Short



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Scaled Data Report

REPORT NUMBER: P1202373
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1020.3	1020.3	1020.3	1020.3	1020.3	1020.3	1020.3	1020.3	*1020.3*	1020.3	1020.3
2.5°	1009.7	1015.5	1014.0	1011.6	1011.1	1012.1	1013.5	1015.0	*1014.5*	1016.9	1020.8
5°	1006.8	1012.6	1012.1	1012.1	1014.0	1017.9	1020.3	1022.7	*1020.3*	1023.2	1028.5
7.5°	1008.7	1013.0	1015.0	1016.9	1021.7	1029.0	1034.8	1040.1	*1037.2*	1040.6	1047.4
10°	1033.3	1036.7	1038.7	1038.7	1042.0	1050.3	1056.1	1065.7	*1063.3*	1068.6	1077.3
12.5°	1078.3	1081.7	1081.7	1079.7	1082.2	1087.5	1089.4	1100.0	*1095.7*	1104.4	1113.1
15°	1133.4	1140.2	1134.8	1131.5	1132.4	1137.7	1137.3	1145.5	*1141.1*	1148.4	1156.1
17.5°	1194.3	1203.0	1194.3	1193.8	1191.9	1197.7	1198.2	1205.4	*1197.7*	1203.0	1208.3
20°	1266.3	1278.4	1271.1	1273.6	1269.2	1271.6	1274.0	1284.7	*1272.6*	1276.5	1275.0
22.5°	1367.8	1382.3	1374.6	1383.7	1380.8	1378.9	1378.4	1397.3	*1378.4*	1379.9	1365.9
25°	1515.7	1533.1	1519.6	1532.1	1532.1	1538.4	1545.7	1569.8	*1538.4*	1529.2	1493.0
27.5°	1734.2	1751.6	1725.0	1732.7	1730.3	1745.8	1738.0	1798.0	*1764.1*	1749.1	1676.2
30°	1997.1	2028.0	1977.7	1975.8	1973.4	1998.0	2009.2	2048.8	*2014.5*	1999.5	1911.5
32.5°	2281.3	2313.7	2253.7	2236.3	2227.1	2242.1	2232.9	2264.8	*2241.2*	2218.0	2109.2
35°	2581.9	2613.8	2556.8	2522.9	2486.2	2454.8	2421.9	2430.1	*2407.9*	2372.6	2260.0
37.5°	2866.1	2924.6	2864.2	2827.9	2760.2	2698.9	2607.0	2568.9	*2548.1*	2515.7	2402.1
40°	3155.6	3189.0	3143.0	3112.1	3038.6	2942.5	2795.5	2714.8	*2686.8*	2655.4	2559.2
42.5°	3368.7	3400.6	3376.0	3354.7	3297.2	3185.6	2995.6	2894.6	*2854.0*	2818.7	2737.0
45°	3537.9	3561.6	3546.1	3553.9	3529.2	3420.9	3203.0	3087.5	*3045.4*	3002.4	2938.1
47.5°	3606.1	3631.2	3655.8	3701.8	3743.8	3664.1	3425.8	3296.2	*3251.8*	3207.8	3144.5
50°	3598.3	3623.9	3695.5	3793.1	3923.6	3897.0	3660.7	3518.6	*3477.5*	3427.2	3368.7
52.5°	3536.5	3565.5	3657.3	3819.7	4027.5	4071.5	3899.9	3748.2	*3709.5*	3649.6	3591.1
55°	3374.1	3391.5	3529.2	3759.3	4052.2	4193.3	4134.3	3992.7	*3954.0*	3870.4	3806.6
57.5°	3073.0	3098.1	3298.7	3596.4	3990.3	4275.9	4340.2	4249.8	*4212.6*	4092.3	4025.6
60°	2680.0	2720.1	2949.7	3322.8	3832.7	4275.5	4527.3	4502.6	*4471.7*	4310.7	4241.1
62.5°	2235.4	2281.8	2502.6	2936.2	3557.2	4154.1	4644.2	4714.3	*4698.4*	4512.3	4423.4
65°	1716.8	1748.7	1968.6	2435.9	3128.5	3893.6	4657.8	4858.8	*4861.7*	4665.5	4518.6
67.5°	*1143.1*	*1234.9*	*1425.8*	*1827.9*	*2554.4*	*3467.8*	*4538.9*	*4882.5*	*4910.5*	*4718.2*	*4470.7*
70°	557.8	678.6	865.6	1188.0	1827.9	2814.9	4228.1	4688.2	*4750.6*	4564.5	4185.6
72.5°	231.5	270.7	372.6	586.3	1049.3	1899.5	3603.6	4161.4	*4276.9*	4044.4	3519.1
75°	156.1	169.2	213.1	300.6	478.0	936.7	2598.8	3102.9	*3289.0*	3054.6	2496.8
77.5°	120.3	128.6	155.1	210.2	284.2	354.3	1391.0	1870.0	*1966.1*	1820.2	1299.2
80°	94.7	101.0	116.0	153.2	201.5	189.5	474.1	847.3	*902.8*	757.4	417.6
82.5°	82.2	84.6	83.1	103.9	133.9	110.7	155.6	312.7	*345.1*	250.4	136.3
85°	59.4	66.2	69.1	64.3	71.0	56.1	63.8	110.7	*121.8*	108.7	76.8
87.5°	24.2	35.8	44.0	41.6	26.1	15.9	19.8	32.4	*37.2*	40.6	25.1
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: P1202373
CATALOG NUMBER: GWC-SB1D-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1020.3	1020.3	1020.3	1020.3	1020.3	1020.3	1020.3	1020.3	1020.3	1020.3	1020.3
2.5°	1021.3	1024.6	1027.1	1030.0	1031.9	1034.8	1040.6	1044.0	1044.5	1046.9	1046.4
5°	1030.4	1035.3	1040.6	1048.3	1057.0	1064.3	1075.4	1083.1	1086.0	1088.4	1088.0
7.5°	1050.3	1057.0	1066.7	1080.2	1092.8	1102.5	1116.0	1125.2	1134.4	1137.7	1138.2
10°	1079.7	1089.4	1103.4	1121.8	1135.3	1147.9	1161.9	1169.6	1178.8	1182.7	1184.6
12.5°	1116.5	1126.6	1145.0	1170.6	1183.2	1191.9	1196.7	1194.8	1196.7	1200.1	1201.1
15°	1158.5	1169.6	1190.4	1218.0	1226.7	1218.9	1208.3	1198.6	1197.2	1198.2	1201.5
17.5°	1208.3	1216.5	1240.7	1263.9	1257.6	1225.7	1202.5	1187.0	1179.3	1176.9	1180.3
20°	1277.9	1277.9	1297.7	1312.2	1270.2	1216.0	1179.8	1154.7	1138.7	1131.9	1130.5
22.5°	1362.5	1354.7	1367.3	1357.2	1267.8	1189.0	1138.7	1095.2	1071.0	1061.4	1059.9
25°	1469.8	1460.6	1457.2	1394.4	1250.4	1146.0	1064.3	1011.6	990.3	985.0	986.0
27.5°	1631.7	1608.5	1564.5	1414.7	1218.5	1078.3	977.3	928.5	916.4	916.9	918.3
30°	1847.3	1800.9	1693.1	1418.1	1166.3	982.6	888.3	853.5	847.7	850.2	858.4
32.5°	2046.9	2002.9	1824.5	1402.6	1086.0	888.8	808.6	785.4	776.7	779.6	783.5
35°	2203.5	2191.4	1946.3	1380.8	987.4	800.9	737.1	717.2	700.3	696.5	699.4
37.5°	2351.4	2346.5	2037.7	1350.4	889.8	738.5	679.5	653.5	628.8	615.3	615.8
40°	2513.8	2508.9	2097.6	1303.5	803.3	684.4	627.8	593.5	563.1	538.4	540.8
42.5°	2696.4	2667.9	2126.1	1236.3	729.8	638.5	585.8	539.4	499.3	476.6	478.0
45°	2896.1	2831.8	2125.6	1150.8	667.9	596.4	540.8	475.1	437.9	416.6	415.7
47.5°	3107.8	2988.4	2099.5	1056.1	608.0	550.0	471.2	421.0	396.3	383.3	380.4
50°	3326.2	3134.8	2055.1	947.3	546.6	497.3	427.7	393.4	374.6	362.5	358.1
52.5°	3531.6	3267.7	2001.4	824.1	484.3	446.1	408.4	381.8	362.0	348.5	342.7
55°	3722.5	3382.3	1925.6	697.9	433.5	411.8	399.2	377.0	354.3	338.3	332.0
57.5°	3892.2	3456.7	1794.6	579.5	397.3	388.1	389.6	368.8	342.7	329.1	320.4
60°	4033.3	3511.3	1600.8	469.8	367.8	364.9	374.6	353.3	322.9	307.4	300.6
62.5°	4117.9	3510.4	1363.0	384.7	342.7	343.6	354.8	334.0	303.0	288.5	284.2
65°	4110.6	3424.3	1102.0	329.1	318.5	319.5	334.0	312.7	286.6	277.9	277.4
67.5°	*3965.2*	*3214.6*	*845.3*	*292.9*	*291.9*	*296.3*	*313.2*	*298.2*	*276.5*	*275.5*	*276.9*
70°	3571.3	2779.1	609.0	263.9	264.4	270.7	292.9	289.0	271.1	273.1	272.6
72.5°	2863.7	2118.9	408.9	233.4	233.9	244.1	273.6	281.8	265.8	291.4	295.3
75°	1907.2	1321.4	262.9	201.1	201.5	214.6	256.6	267.8	251.3	290.5	292.9
77.5°	916.4	594.0	190.4	169.2	169.2	181.2	221.8	239.7	214.1	225.7	206.9
80°	316.6	223.3	149.8	136.3	133.4	141.6	187.0	207.8	184.6	170.1	159.5
82.5°	124.7	116.0	120.3	105.8	96.2	101.5	145.5	171.6	135.8	122.8	122.3
85°	71.5	75.4	85.1	70.1	55.6	62.3	106.8	123.2	102.5	90.4	92.3
87.5°	19.3	26.6	39.1	36.2	25.1	26.6	50.7	68.1	59.0	45.4	46.9
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

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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

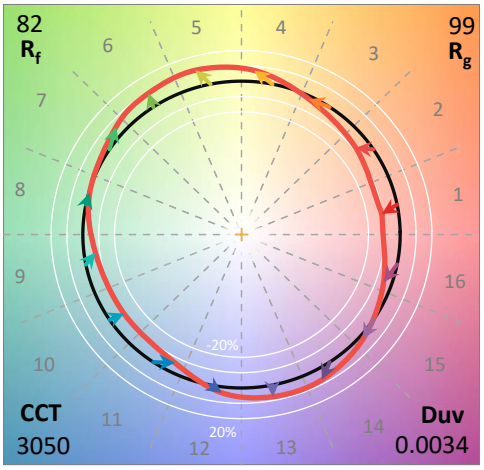
Test Information

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

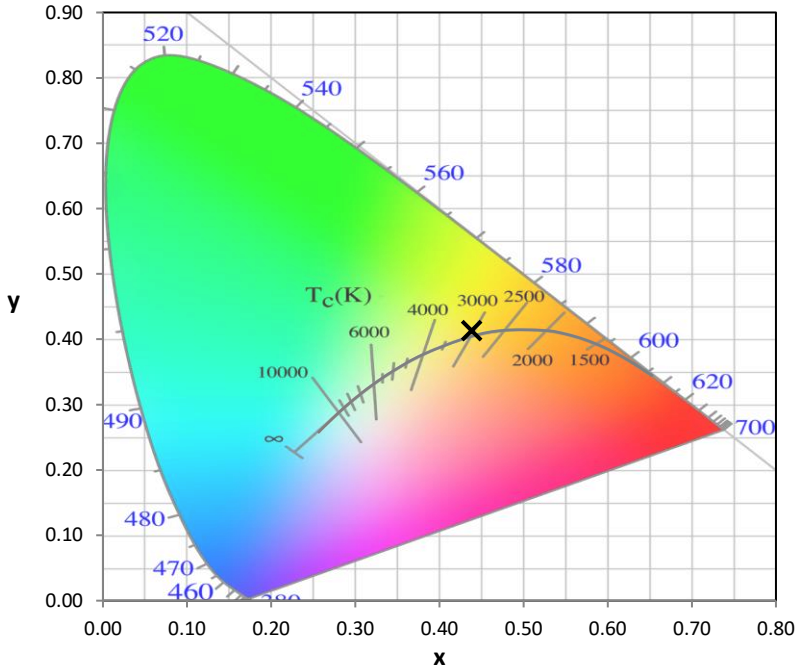
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

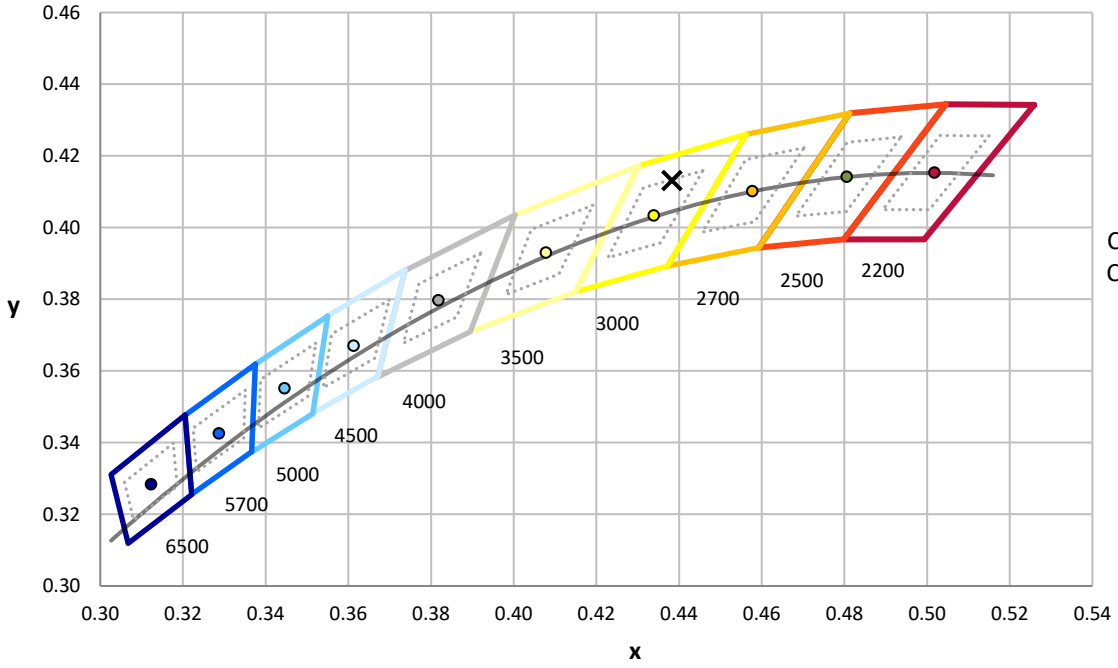
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

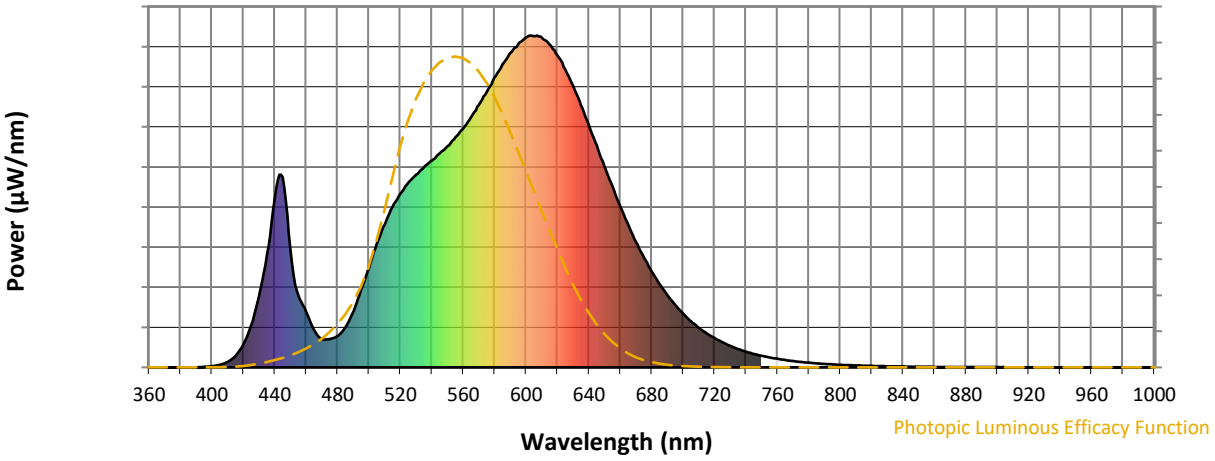


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

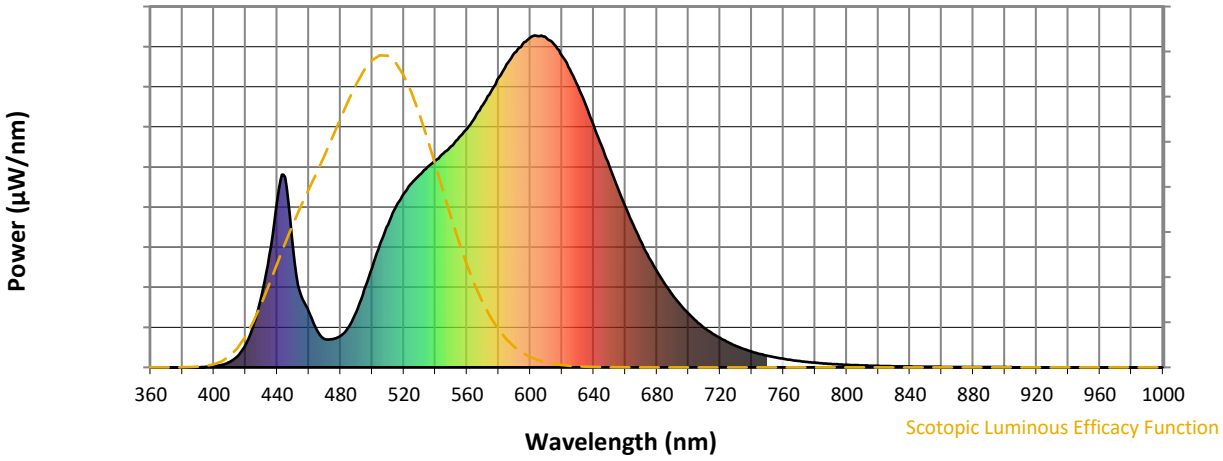


Photopic Lumens: NR

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

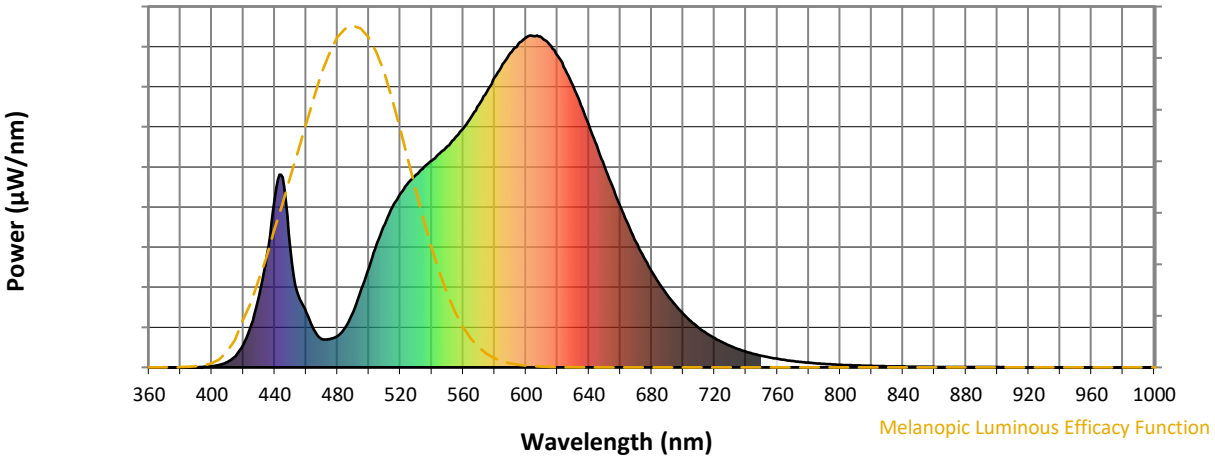


Scotopic Lumens: NR **S/P: 1.27**

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			

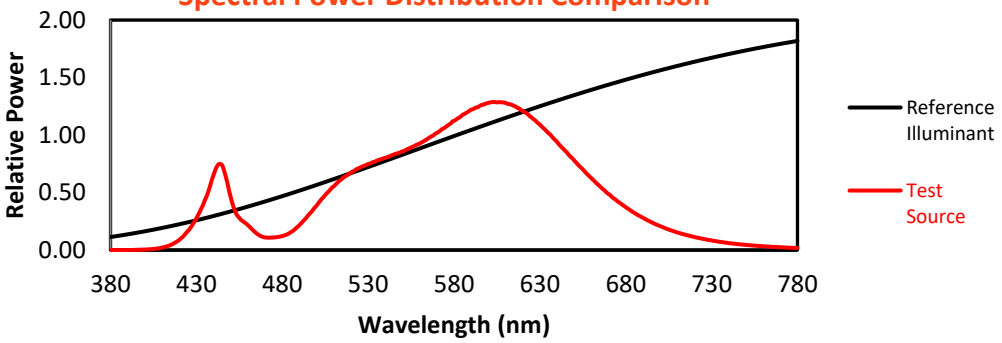
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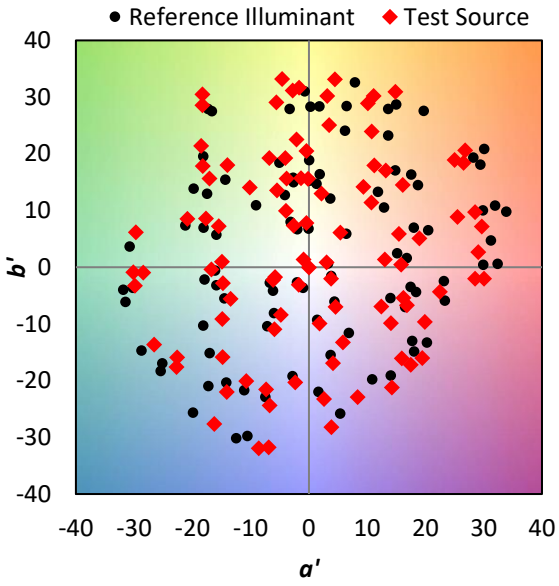
Summary

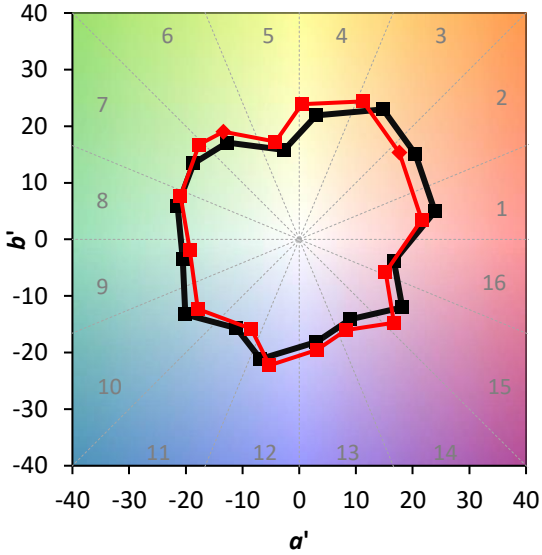
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

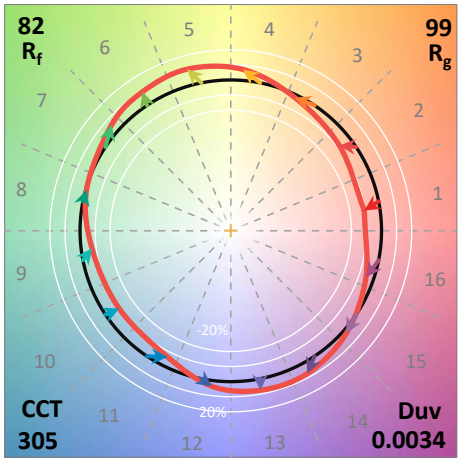
Spectral Power Distribution Comparison

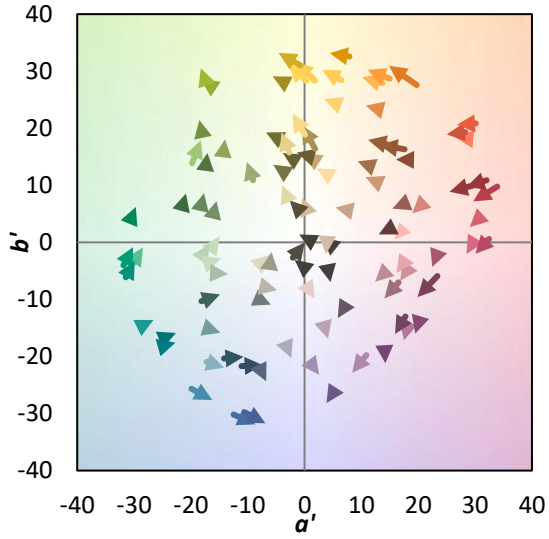


Color Vector Graphics







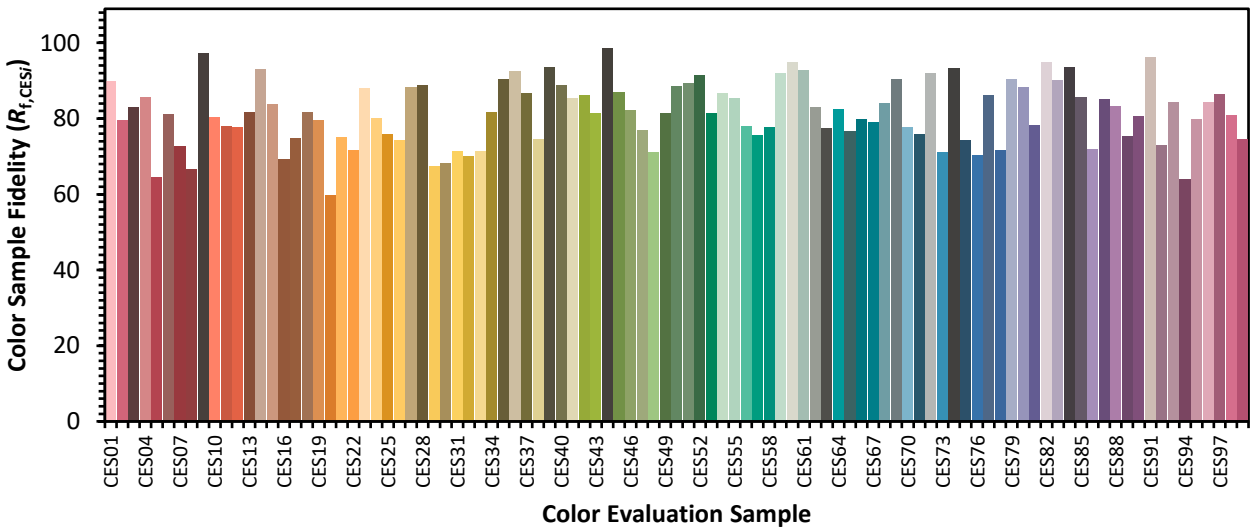


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Individual Sample Fidelity Index ($R_{f,i}$)

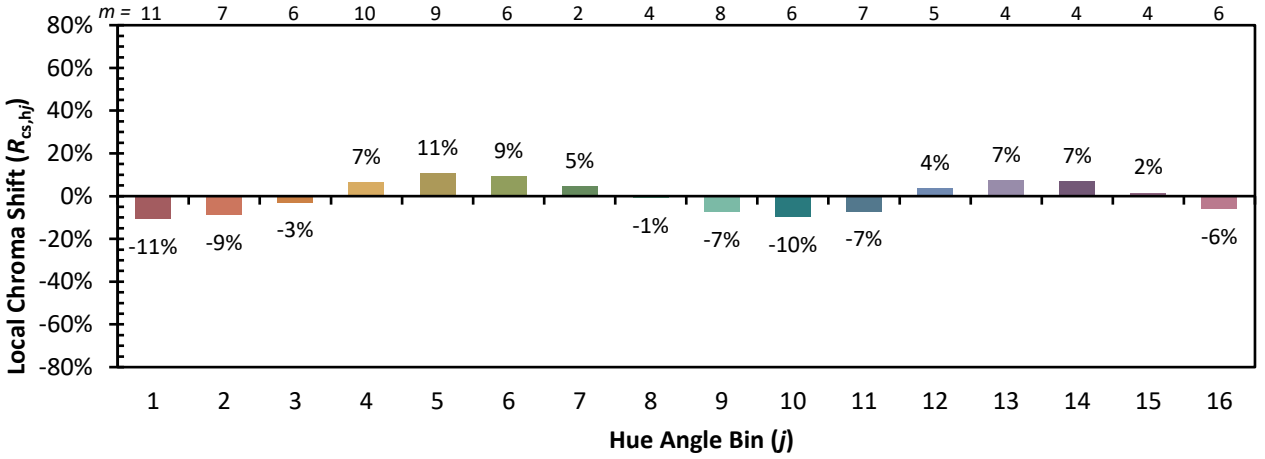
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

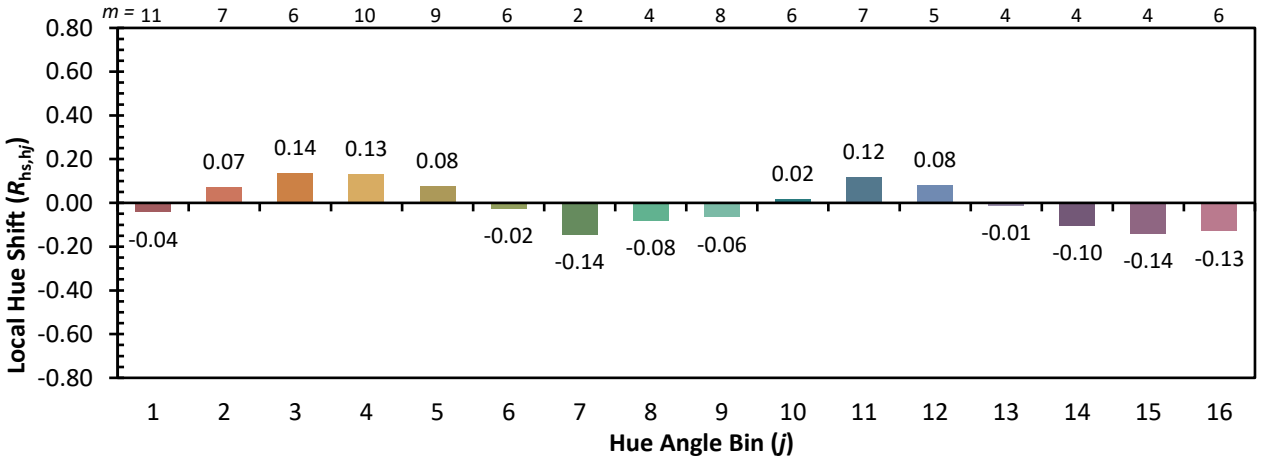


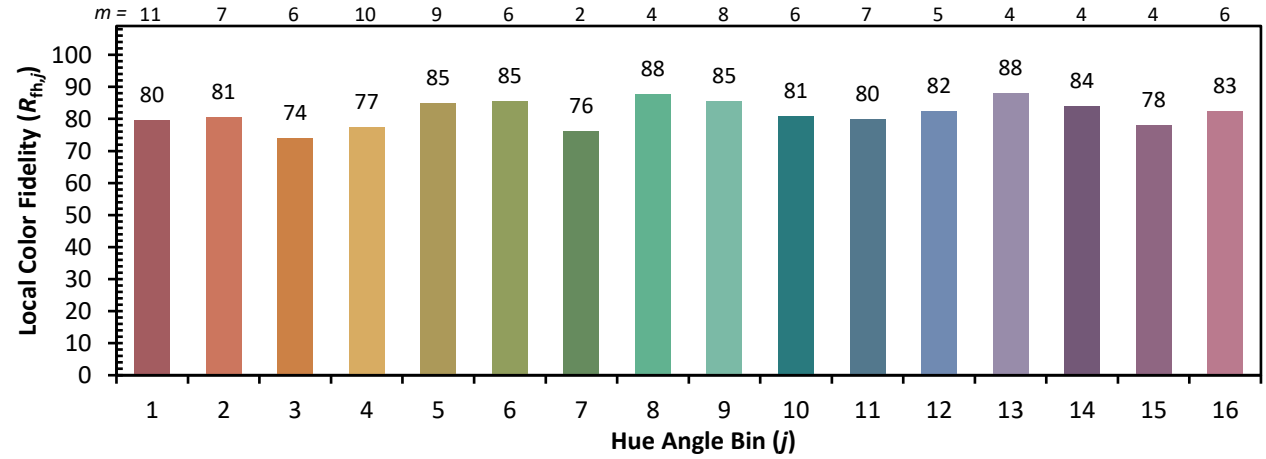
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Color Rendition by Hue-Angle Bin



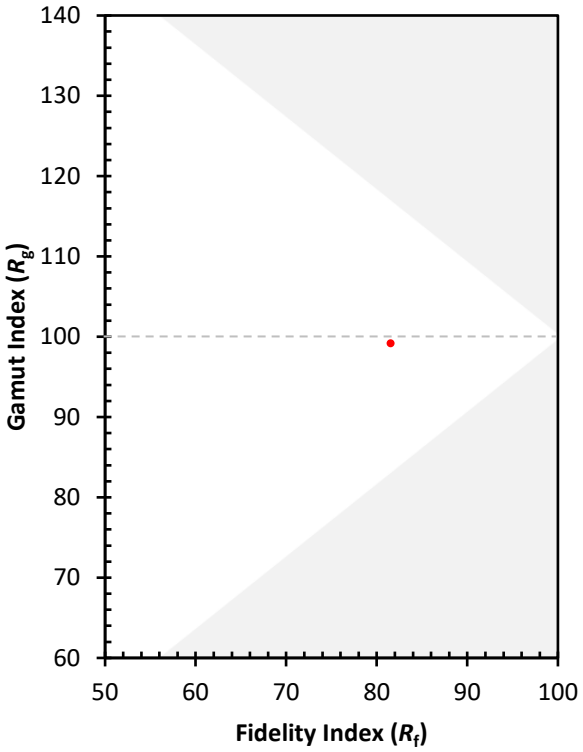


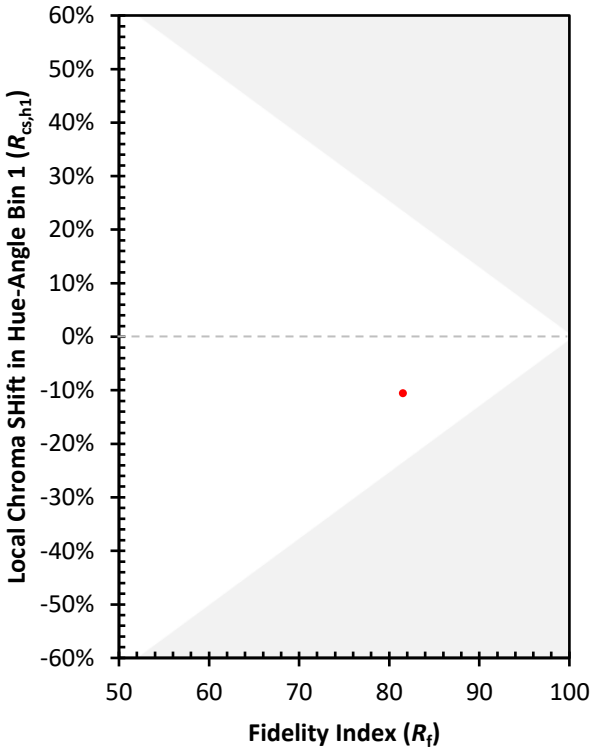


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Measure Comparisons





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