Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1201613

Luminaire Tested: GWC-SB1B-830-U-SL2

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:	P1201613
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-830-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5056 lumens
Efficiency:	N/A
Efficacy:	127.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

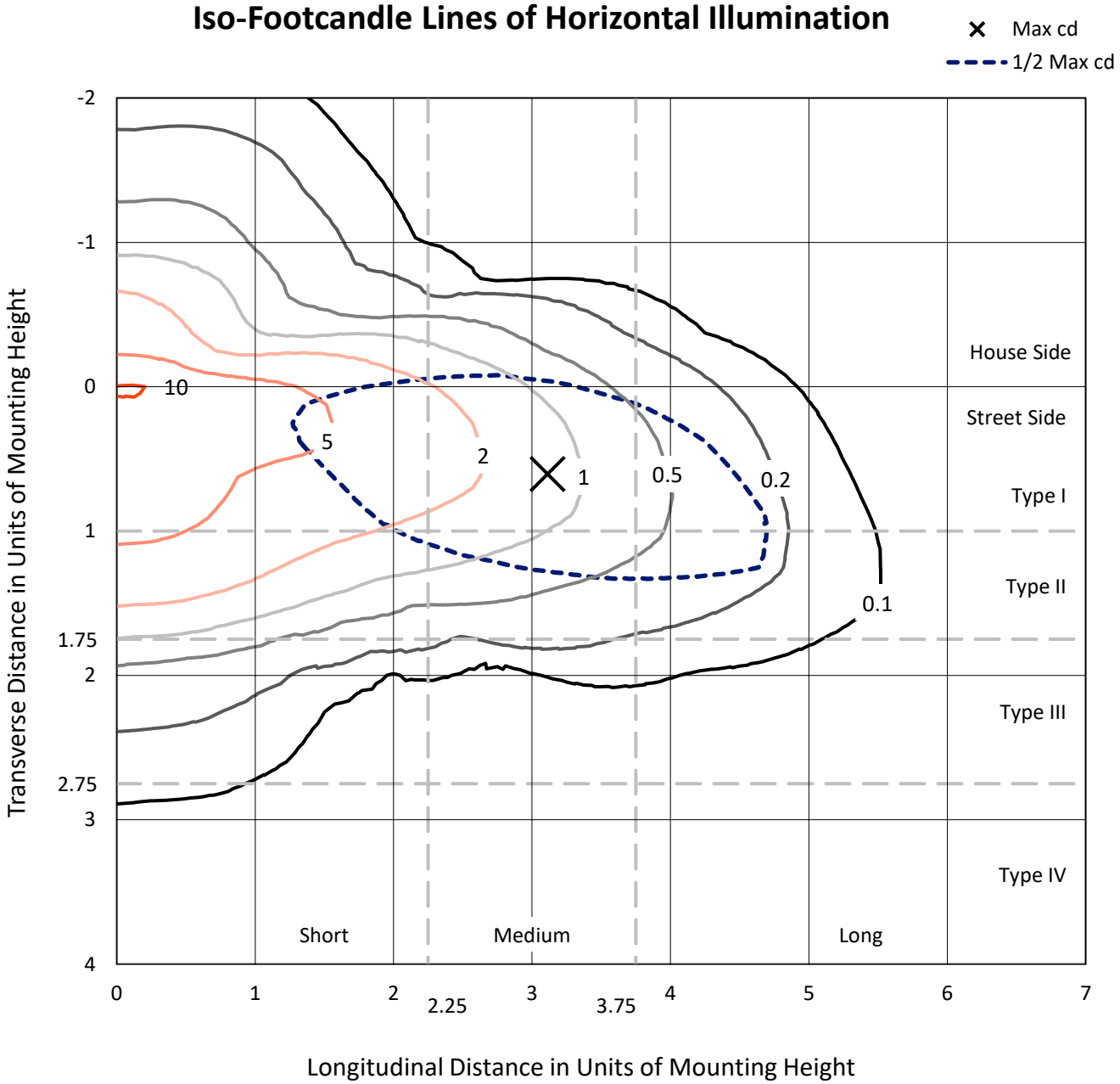


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Scaled Data Report

REPORT NUMBER: P1201613
CATALOG NUMBER: GWC-SB1B-830-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



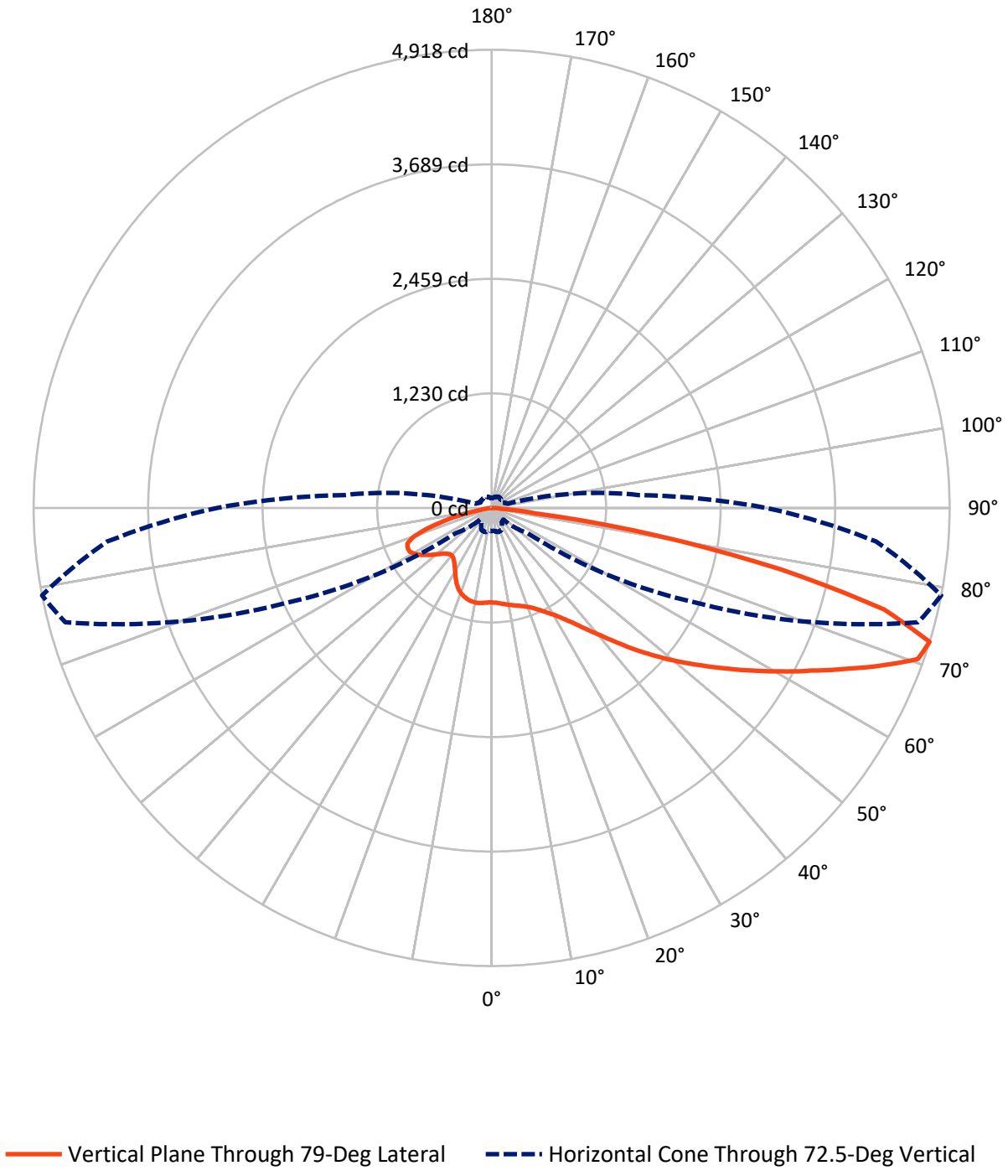
Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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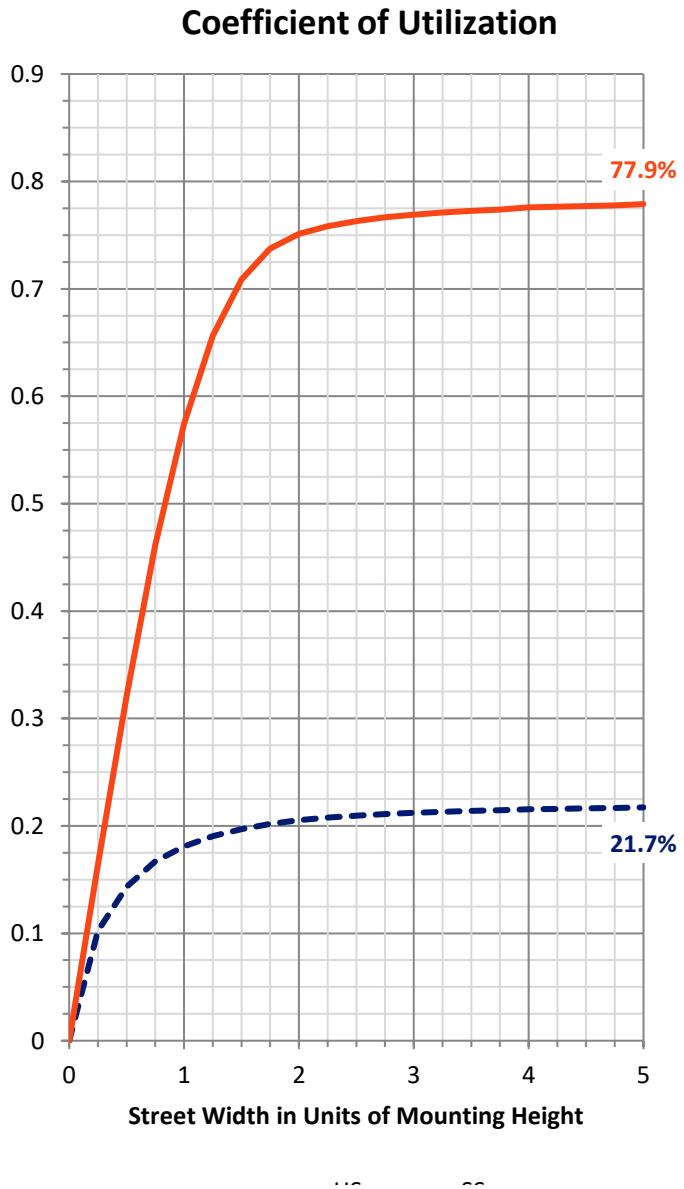
REPORT NUMBER: P1201613
CATALOG NUMBER: GWC-SB1B-830-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1112.6	0.0	1112.6
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	3943.4	0.0	3943.4
	% Fixture	78.0	0.0	78.0
Total	Lumens	5056.0	0.0	5056.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.1	1.8
10°-20°	240.9	4.8
20°-30°	388.7	7.7
30°-40°	583.3	11.5
40°-50°	827.5	16.4
50°-60°	1045.0	20.7
60°-70°	1061.3	21.0
70°-80°	723.3	14.3
80°-90°	93.9	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°	5056.0	100.0
0°-180°	5056.0	100.0



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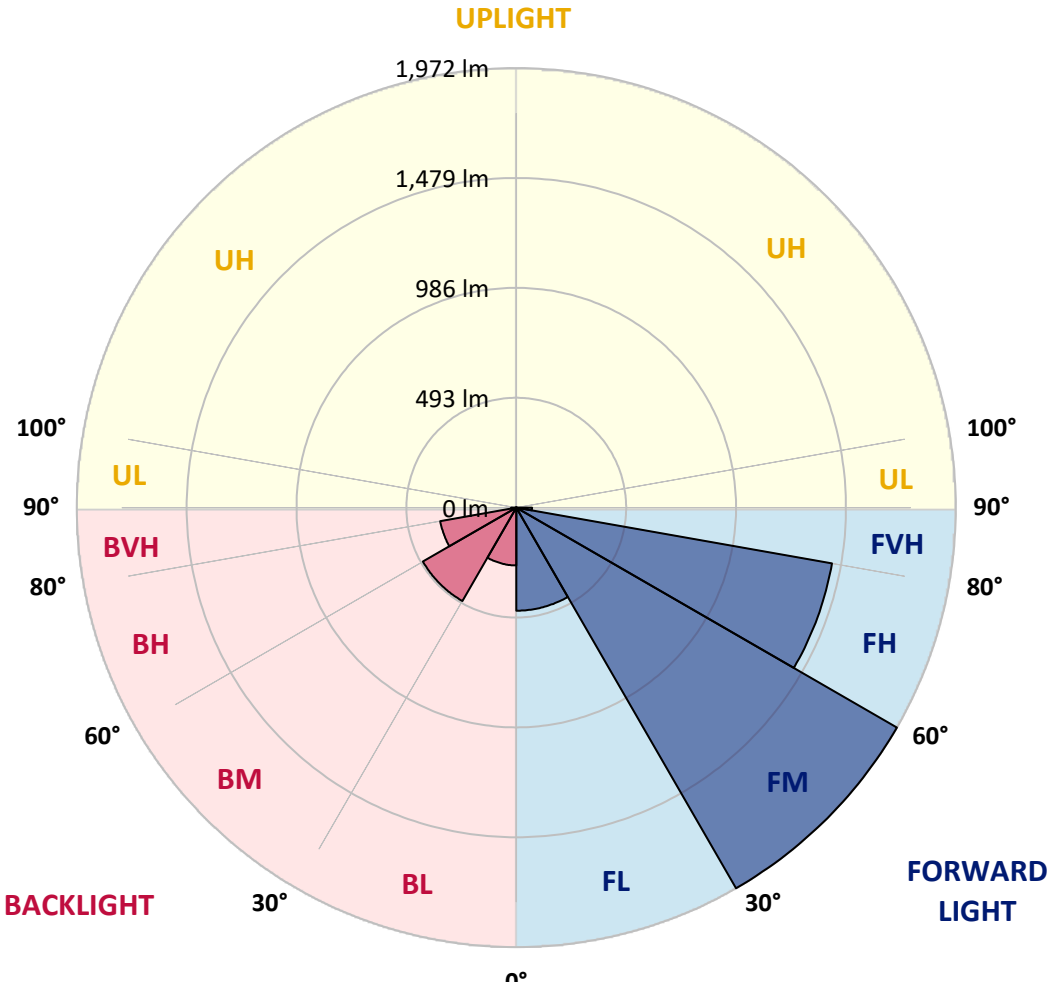
Scaled Data Report

REPORT NUMBER: P1201613
CATALOG NUMBER: GWC-SB1B-830-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	462.5	9.1			
FM	(30°-60°)	1971.9	39.0			
FH	(60°-80°)	1438.3	28.4			G1/1800
FVH	(80°-90°)	70.7	1.4			G1/100
BL	(0°-30°)	259.2	5.1	B1/500		
BM	(30°-60°)	483.9	9.6	B1/1000		
BH	(60°-80°)	346.4	6.9	B1/500		G1/500
BVH	(80°-90°)	23.2	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Medium



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Scaled Data Report

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9	*1014.9*	1014.9
2.5°	1015.5	1010.7	1013.6	1012.5	1013.9	1015.5	1016.0	1016.8	1019.5	*1019.2*	1019.0
5°	1013.3	1008.5	1012.5	1011.2	1014.7	1018.4	1021.6	1024.6	1028.9	*1030.7*	1028.0
7.5°	1008.8	1005.6	1009.6	1013.6	1020.0	1025.6	1030.2	1036.9	1043.0	*1044.1*	1046.0
10°	982.3	979.9	989.3	999.7	1017.4	1032.6	1042.5	1050.2	1056.9	*1058.0*	1060.7
12.5°	954.8	951.8	962.3	976.4	1005.0	1032.6	1053.5	1063.6	1069.5	*1073.0*	1077.0
15°	950.2	947.8	953.7	966.0	989.8	1025.4	1060.9	1079.7	1084.7	*1088.8*	1090.4
17.5°	972.2	967.6	970.0	974.3	988.2	1018.7	1066.8	1097.9	1105.6	*1109.9*	1109.9
20°	1023.0	1016.5	1012.8	1004.2	1001.8	1019.8	1066.3	1119.8	1129.9	*1135.3*	1136.6
22.5°	1090.6	1086.4	1078.3	1056.7	1033.1	1032.9	1076.5	1147.9	1166.9	*1171.9*	1168.7
25°	1172.5	1166.0	1155.9	1126.5	1081.3	1058.8	1093.6	1183.7	1215.5	*1216.9*	1207.5
27.5°	1266.6	1257.0	1243.1	1204.3	1143.3	1099.5	1119.8	1224.9	1271.4	*1270.9*	1251.6
30°	1365.8	1356.2	1341.5	1294.4	1217.7	1154.3	1156.2	1269.3	1337.7	*1334.8*	1301.9
32.5°	1438.3	1431.1	1428.1	1391.8	1303.2	1219.0	1197.9	1318.5	1419.6	*1416.9*	1370.9
35°	1493.9	1484.6	1488.0	1469.6	1396.6	1291.5	1249.0	1377.1	1519.1	*1518.8*	1461.6
37.5°	1549.0	1540.7	1543.7	1531.4	1483.0	1383.5	1311.3	1448.7	1642.4	*1648.2*	1571.2
40°	1599.3	1590.5	1602.2	1590.7	1550.1	1481.4	1382.1	1529.8	1785.2	*1796.4*	1703.9
42.5°	1629.5	1622.6	1642.1	1642.4	1608.4	1564.0	1460.0	1619.1	1950.5	*1975.6*	1867.0
45°	1640.0	1637.5	1667.0	1673.1	1660.0	1611.9	1530.0	1716.4	2128.6	*2173.5*	2052.9
47.5°	1628.7	1624.2	1664.8	1687.6	1698.0	1634.3	1588.1	1821.8	2310.4	*2376.2*	2255.6
50°	1572.0	1563.2	1623.6	1671.5	1708.7	1649.0	1646.6	1943.5	2517.2	*2589.1*	2459.4
52.5°	1470.1	1463.4	1532.2	1615.4	1685.2	1656.3	1712.4	2076.4	2713.5	*2806.5*	2668.3
55°	1339.9	1331.1	1406.7	1515.3	1626.6	1653.9	1778.2	2225.1	2945.1	*3039.5*	2884.1
57.5°	1133.4	1115.8	1211.5	1339.9	1531.1	1650.9	1846.7	2373.0	3180.4	*3293.6*	3114.4
60°	832.3	806.1	923.5	1075.7	1344.4	1622.3	1931.5	2538.8	3462.8	*3564.7*	3365.8
62.5°	484.6	469.4	546.1	688.1	1013.3	1453.8	1979.1	2731.7	3740.4	*3847.4*	3612.9
65°	376.3	372.0	378.7	389.7	564.0	1088.5	1832.2	2919.7	4093.5	*4168.4*	3870.4
67.5°	344.2	341.0	343.9	323.3	286.2	606.3	1449.5	2967.3	4471.6	*4517.1*	4095.9
70°	306.0	302.2	311.8	294.2	225.2	275.7	936.6	2794.5	4772.5	*4857.8*	4267.3
72.5°	*249.3*	*245.0*	*267.4*	*259.4*	*189.6*	*177.0*	*470.4*	*2384.0*	*4741.0*	*4918.0*	*4144.6*
75°	191.5	189.1	215.8	222.5	154.6	139.3	225.7	1772.1	4172.1	*4350.5*	3572.0
77.5°	148.7	146.8	160.5	184.8	124.6	108.0	138.8	1124.1	3144.1	*3175.3*	2461.5
80°	111.5	106.2	118.7	143.1	97.1	78.9	94.1	655.5	1987.4	*1801.5*	1071.4
82.5°	69.8	67.1	77.6	95.5	68.5	54.3	61.2	362.1	796.4	*469.1*	206.7
85°	39.8	38.8	42.3	54.6	37.2	31.3	35.0	159.9	145.5	*100.0*	62.3
87.5°	16.0	15.5	19.3	24.3	13.6	11.5	12.3	38.5	32.1	*29.7*	20.6
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: P1201613
CATALOG NUMBER: GWC-SB1B-830-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9	1014.9
2.5°	1017.9	1017.9	1014.1	1008.3	1001.6	997.3	990.3	988.5	981.2	979.1	982.6
5°	1030.2	1028.0	1016.5	1000.0	977.2	956.4	933.4	918.9	898.6	891.4	896.7
7.5°	1045.7	1039.8	1020.0	983.7	936.0	889.2	840.6	803.7	768.4	755.8	757.4
10°	1059.9	1051.6	1017.9	954.2	871.9	790.8	713.3	659.0	617.8	600.9	604.7
12.5°	1074.0	1058.8	1003.7	905.3	780.7	670.7	588.1	545.8	520.4	500.1	506.8
15°	1087.4	1066.0	981.8	839.8	680.6	569.1	508.1	474.4	454.1	440.7	443.2
17.5°	1102.9	1072.2	948.9	756.6	585.4	498.8	449.0	428.7	424.7	423.1	424.2
20°	1124.6	1077.8	905.6	663.5	515.4	442.6	416.9	415.1	414.8	414.0	416.7
22.5°	1147.9	1084.5	848.3	579.0	455.7	407.6	403.0	399.3	396.9	396.6	399.6
25°	1175.4	1086.6	776.7	509.7	404.9	391.0	385.7	380.0	378.4	378.4	380.0
27.5°	1202.2	1079.4	693.2	449.6	376.3	375.8	368.8	366.9	366.7	367.5	369.6
30°	1228.9	1065.8	610.3	393.9	359.7	359.7	357.3	358.6	359.7	362.4	364.3
32.5°	1265.0	1051.3	541.0	352.8	345.3	342.6	345.0	347.7	348.7	352.2	355.2
35°	1318.0	1041.2	485.9	330.3	330.3	326.8	328.2	327.6	325.2	323.6	327.3
37.5°	1388.0	1040.6	440.5	319.9	317.7	317.2	317.5	314.0	304.6	293.4	293.7
40°	1472.3	1055.1	405.4	312.6	311.0	314.2	312.6	303.3	277.6	258.1	257.5
42.5°	1585.4	1096.2	383.0	303.8	308.6	312.6	306.2	273.9	256.5	243.4	242.8
45°	1718.6	1163.1	371.5	294.5	304.1	308.9	277.9	263.7	249.8	234.0	232.9
47.5°	1869.4	1247.4	368.8	285.6	293.9	296.9	265.8	259.4	243.6	226.5	225.2
50°	2033.6	1347.1	376.0	275.2	279.2	269.0	261.8	255.9	239.6	222.8	220.9
52.5°	2203.5	1457.0	390.5	261.0	264.5	253.3	260.2	255.1	237.2	214.5	212.9
55°	2370.3	1567.7	404.4	244.4	249.5	239.1	255.7	251.9	226.3	200.6	199.2
57.5°	2539.9	1677.9	418.0	229.7	235.1	225.5	248.5	243.4	214.0	187.7	187.2
60°	2716.1	1784.9	424.4	215.6	219.3	212.9	237.5	228.7	200.0	174.6	173.8
62.5°	2881.2	1874.0	414.0	201.4	203.8	201.1	223.0	211.3	186.1	159.9	159.7
65°	3046.7	1926.9	381.9	187.5	188.0	186.7	202.7	192.6	169.8	147.1	145.5
67.5°	3196.7	1956.6	330.8	172.5	171.2	170.6	183.7	172.2	154.0	134.3	132.7
70°	3228.6	1881.2	252.7	154.8	154.8	153.5	162.9	151.1	136.7	120.6	120.1
72.5°	*2948.8*	*1582.5*	*179.5*	*134.8*	*136.9*	*134.3*	*142.0*	*132.1*	*119.0*	*108.3*	*105.1*
75°	2377.8	1160.4	130.5	114.2	117.9	113.4	120.6	113.7	102.4	102.2	92.0
77.5°	1633.8	717.5	94.7	94.1	96.8	90.9	99.2	95.5	85.3	80.8	75.7
80°	697.2	286.2	69.0	72.7	72.7	67.4	77.0	78.1	69.3	67.1	67.1
82.5°	138.8	81.3	48.4	50.0	47.1	45.5	54.6	60.4	83.4	92.8	93.1
85°	41.7	30.0	29.2	27.3	24.1	24.3	32.1	60.7	74.9	42.8	36.9
87.5°	11.5	7.5	7.8	6.2	5.1	6.7	11.0	46.0	25.1	10.7	9.1
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

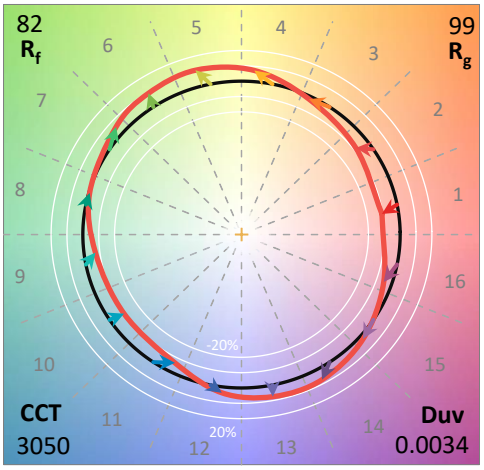
Test Information

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

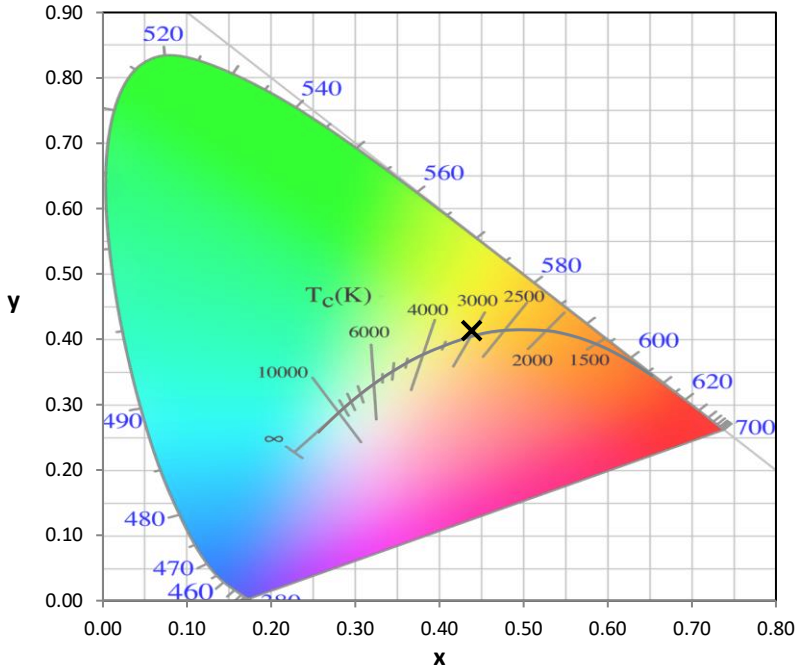
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

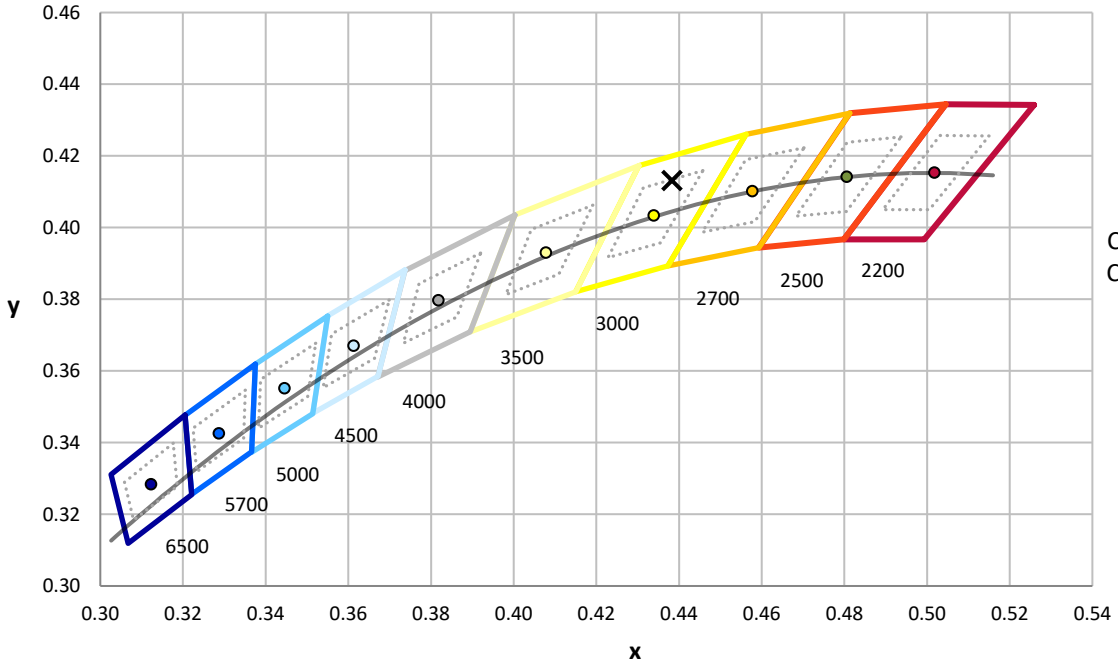
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

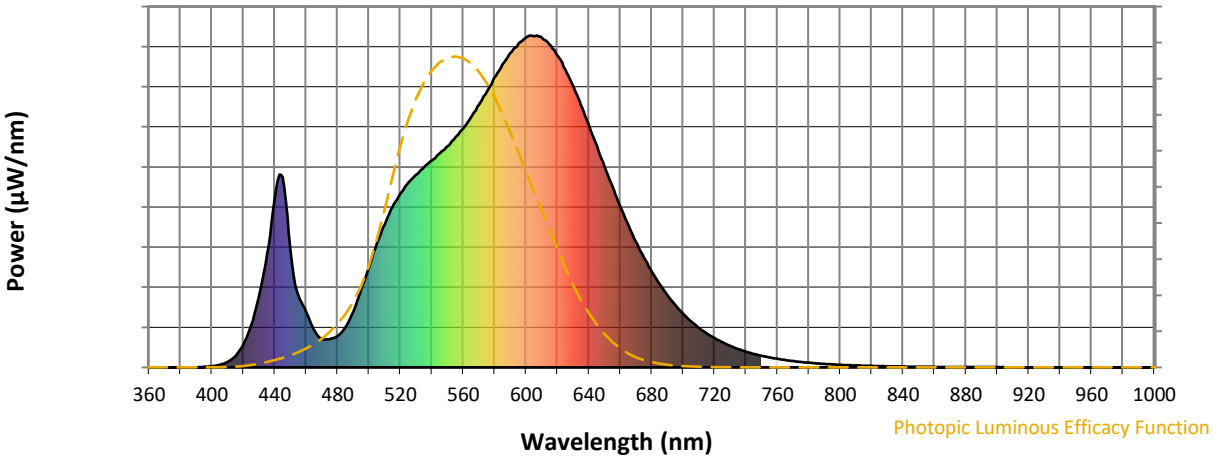


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

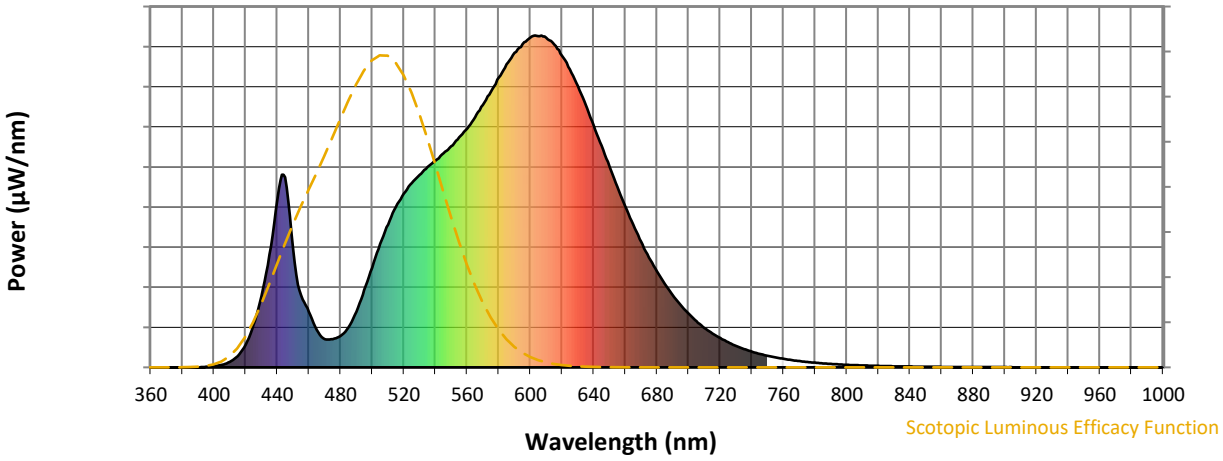


Photopic Lumens: NR

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

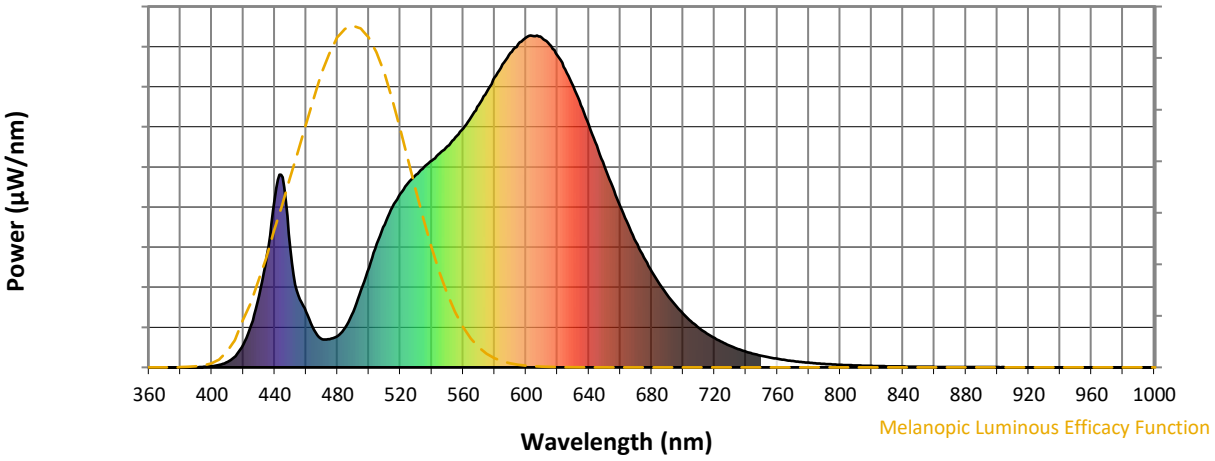


Scotopic Lumens: NR **S/P: 1.27**

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			

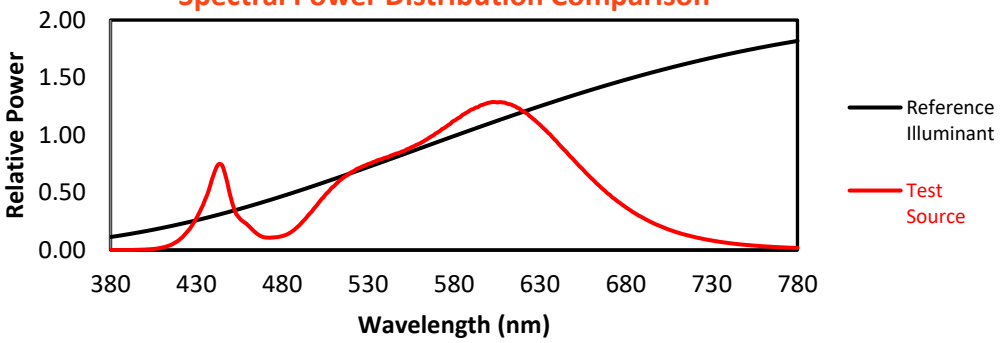
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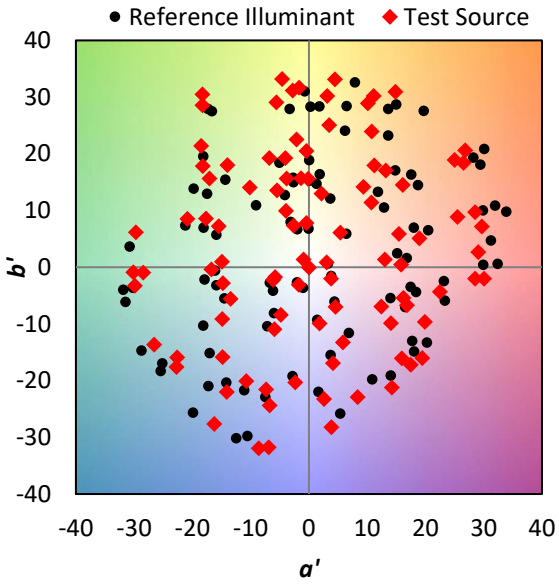
Summary

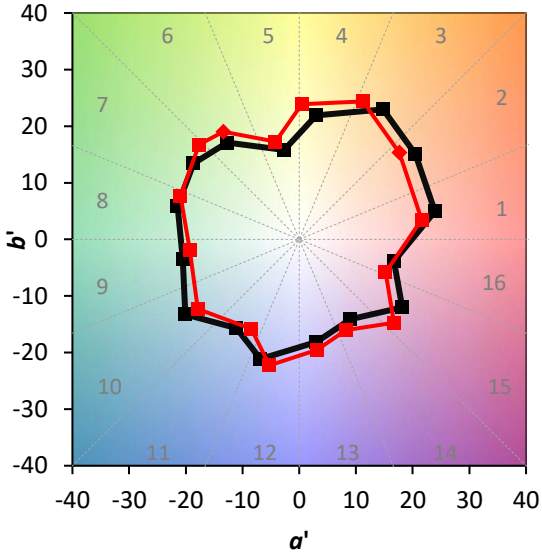
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

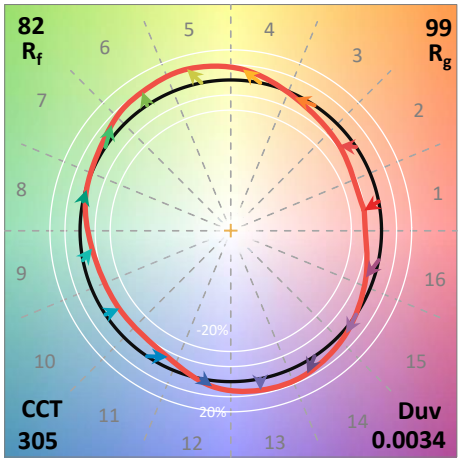
Spectral Power Distribution Comparison

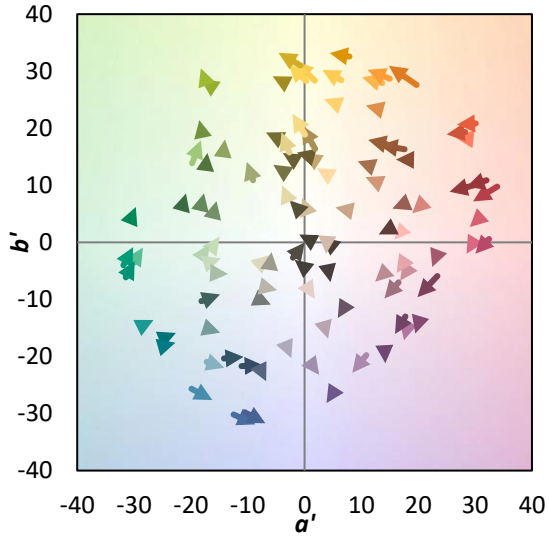


Color Vector Graphics







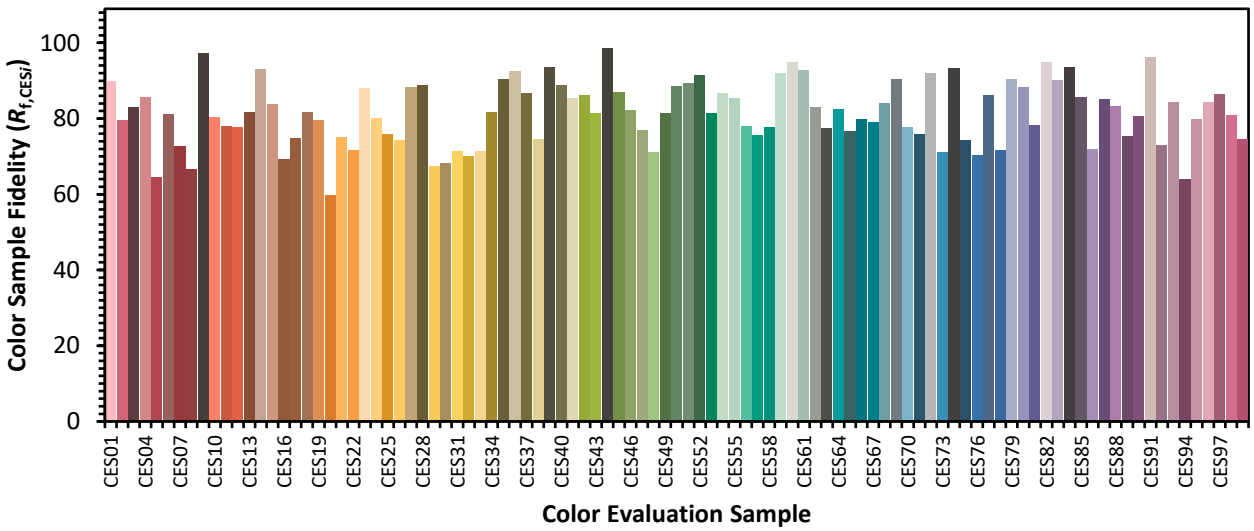


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Individual Sample Fidelity Index ($R_{f,i}$)

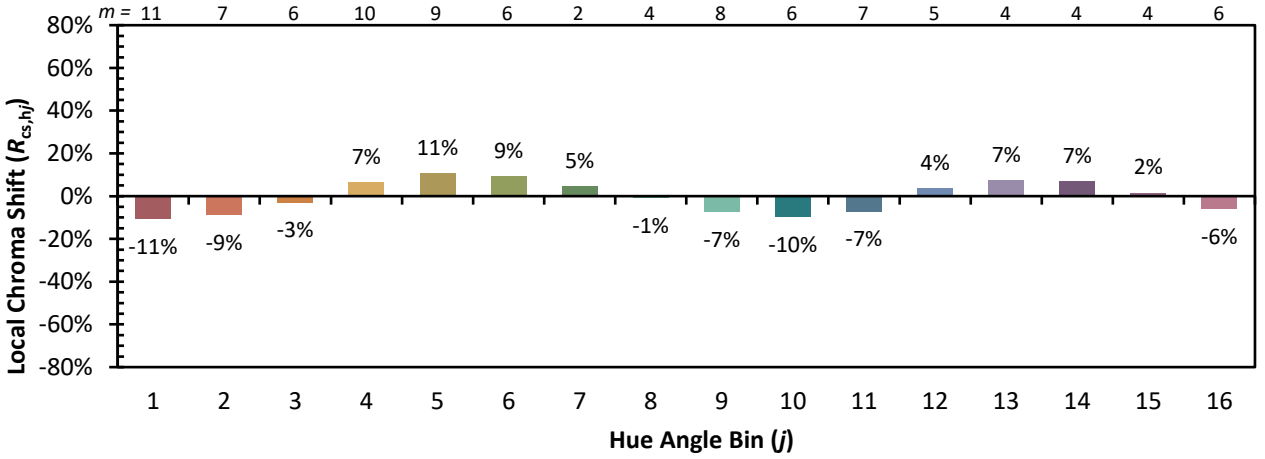
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

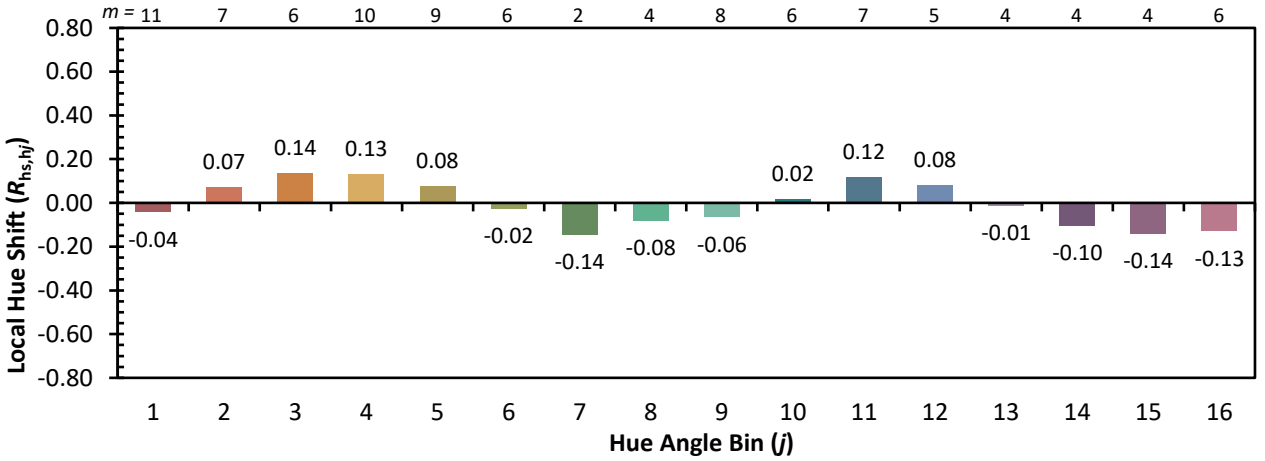


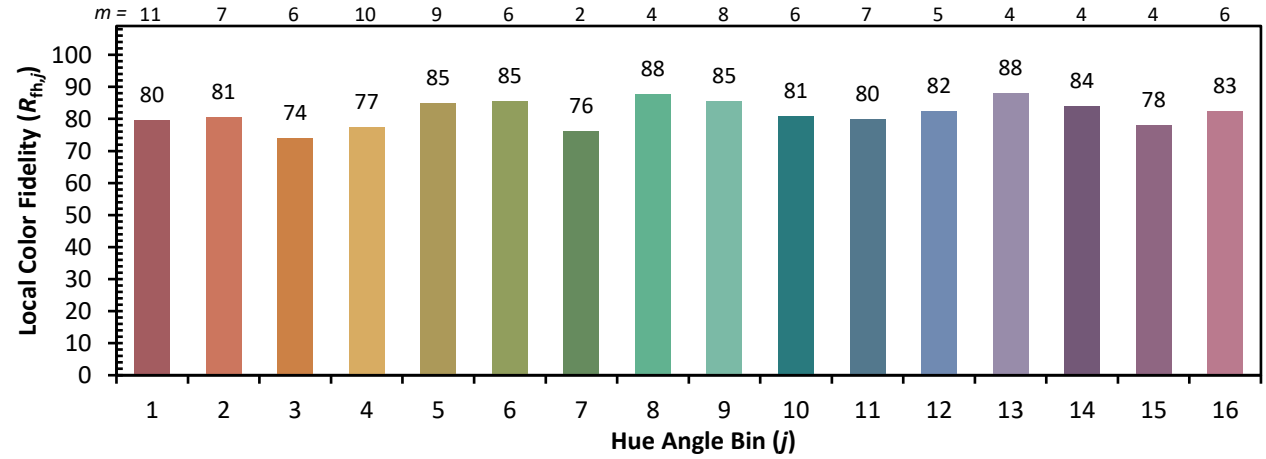
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Color Rendition by Hue-Angle Bin



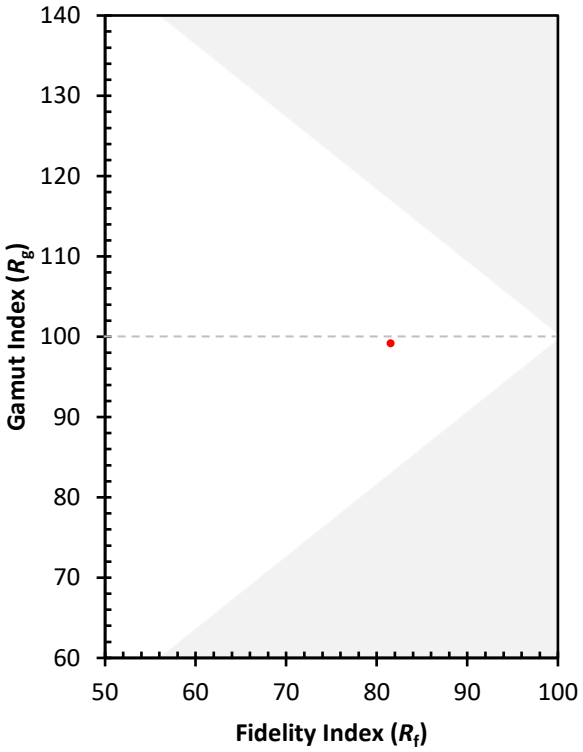


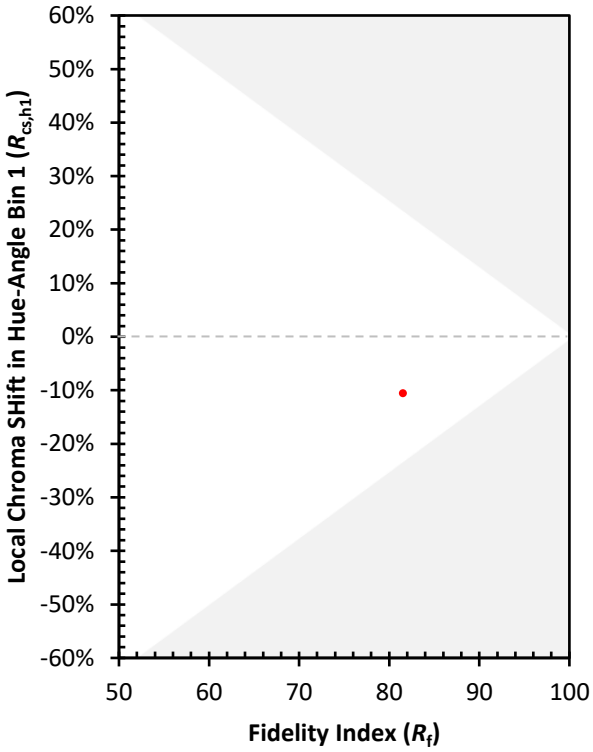


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Measure Comparisons





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