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: P1201988

Luminaire Tested: GWC-SB1C-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:	P1201988
	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-SB1C-830-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS 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:	5448 lumens
Efficiency:	N/A
Efficacy:	100.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - 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

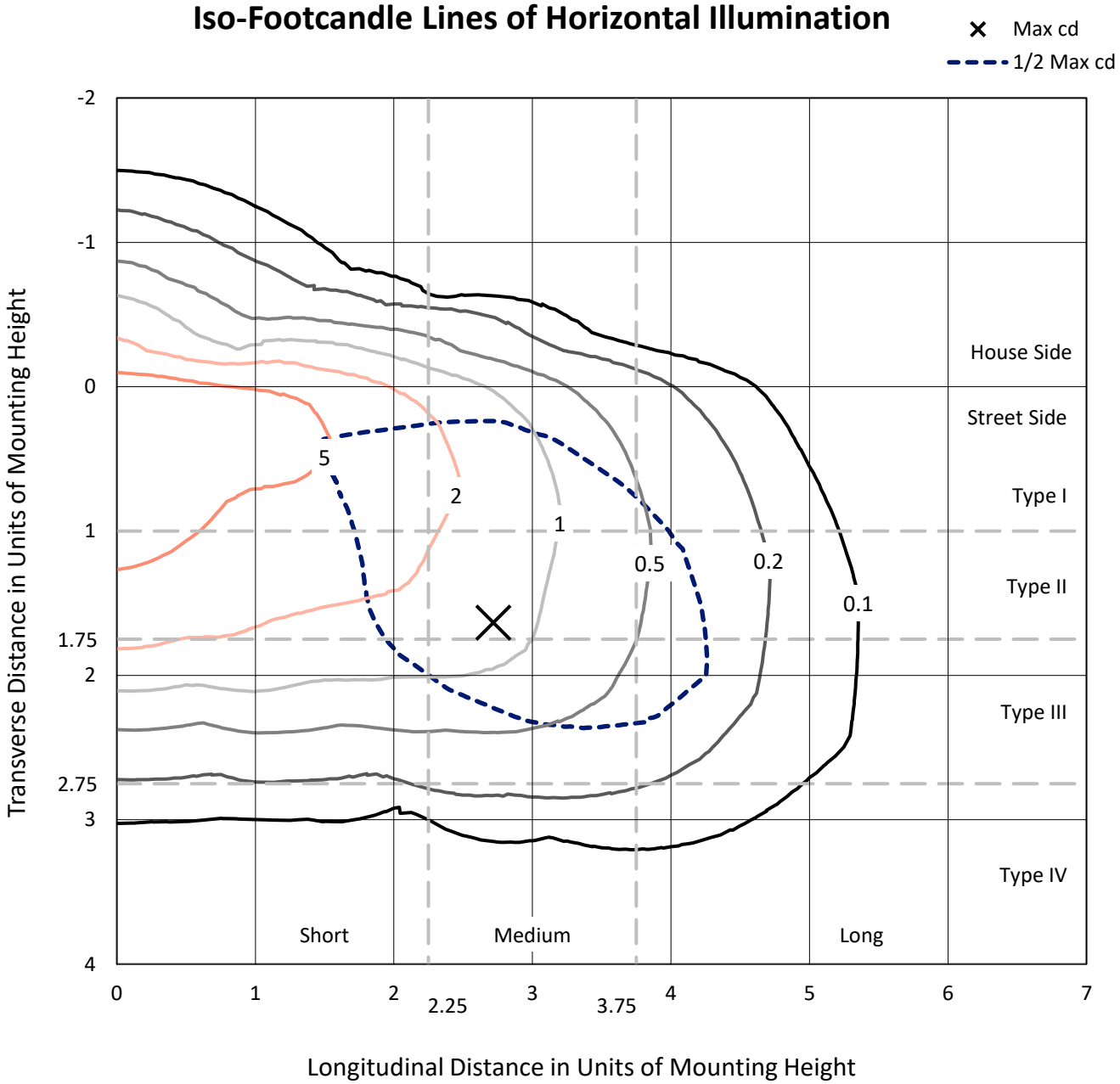


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Scaled Data Report

REPORT NUMBER: P1201988
CATALOG NUMBER: GWC-SB1C-830-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



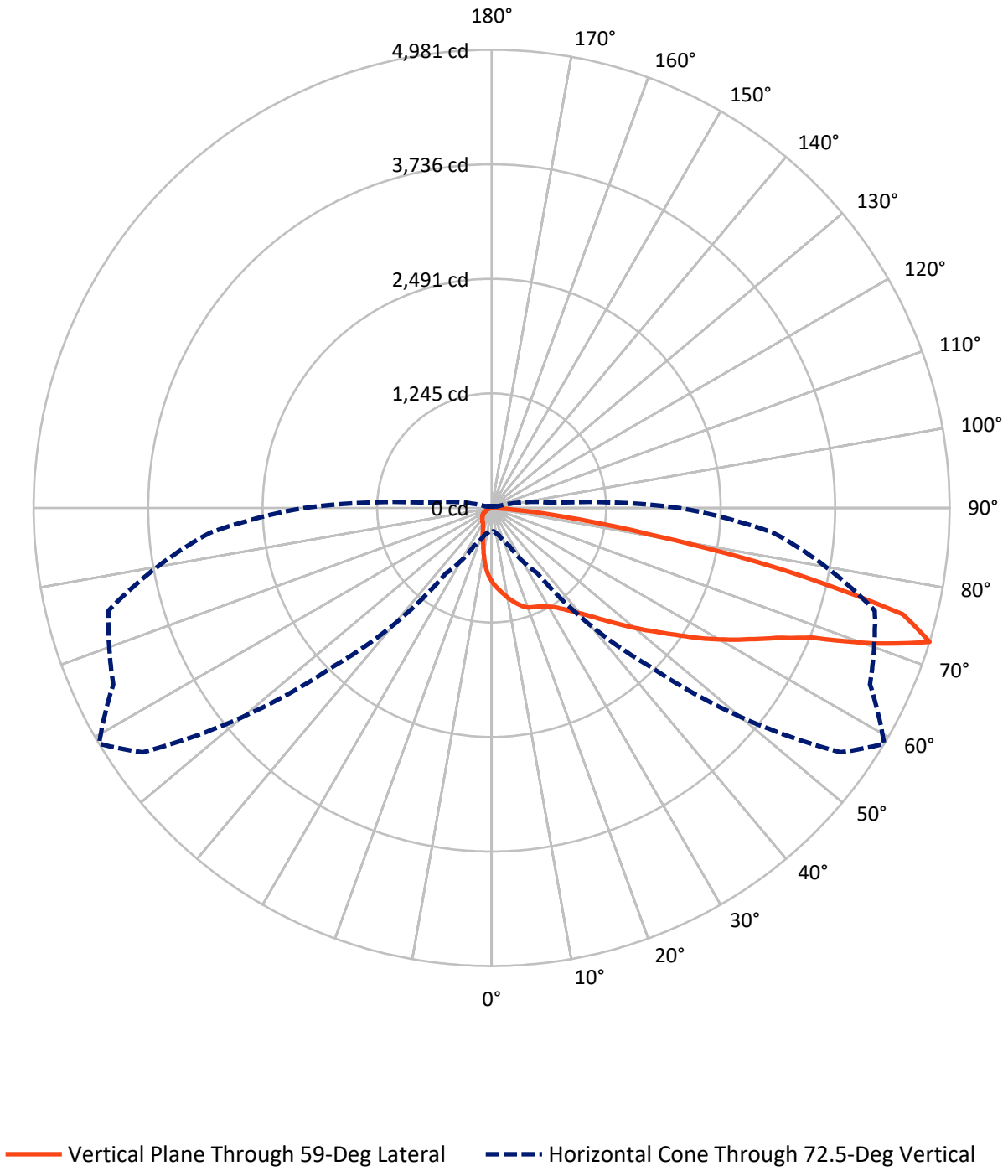
Based on 10 foot mounting height. Maximum calculated value = 13.6 fc
Type III - Medium - N/A

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REPORT NUMBER: P1201988
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Luminous Intensity Polar Plot



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Scaled Data Report

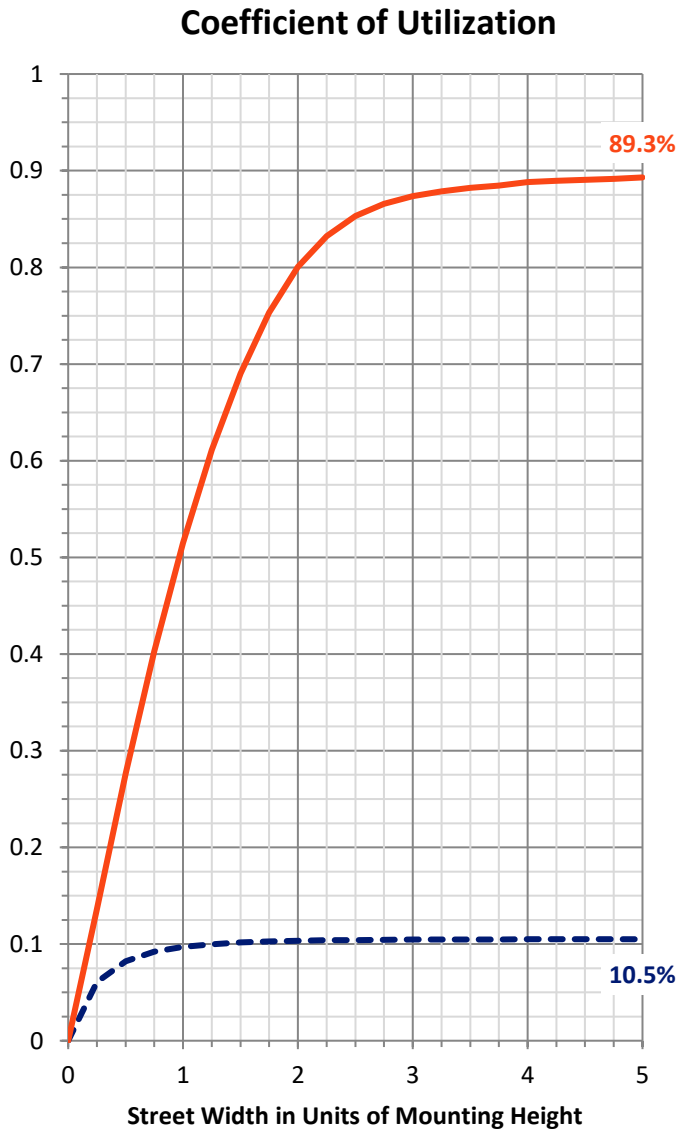
REPORT NUMBER: P1201988
CATALOG NUMBER: GWC-SB1C-830-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	575.4	0.0	575.4
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	4872.6	0.0	4872.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	5448.0	0.0	5448.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.9	1.3
10°-20°	193.6	3.6
20°-30°	306.8	5.6
30°-40°	492.4	9.0
40°-50°	786.5	14.4
50°-60°	1138.7	20.9
60°-70°	1351.4	24.8
70°-80°	1003.2	18.4
80°-90°	102.6	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°	5448.0	100.0
0°-180°	5448.0	100.0



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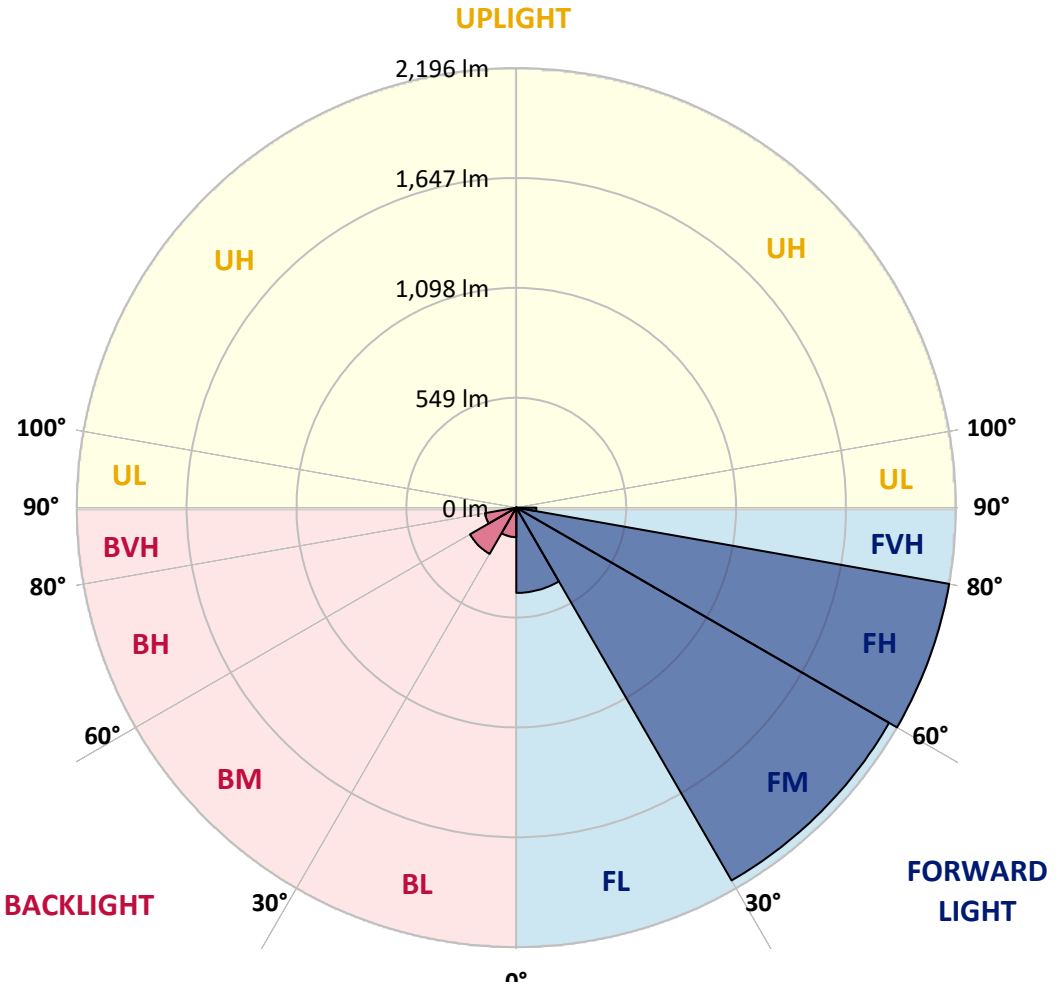
Scaled Data Report

REPORT NUMBER: P1201988
CATALOG NUMBER: GWC-SB1C-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°)	425.9	7.8			
FM	(30°-60°)	2150.8	39.5			
FH	(60°-80°)	2195.9	40.3			G2/5000
FVH	(80°-90°)	100.0	1.8			G2/225
BL	(0°-30°)	147.4	2.7	B1/500		
BM	(30°-60°)	266.8	4.9	B1/1000		
BH	(60°-80°)	158.7	2.9	B1/500		G1/500
BVH	(80°-90°)	2.6	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: P1201988
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	*805.6*	805.6	805.6	805.6
2.5°	893.8	888.9	889.6	881.0	875.0	868.6	856.1	*854.4*	845.5	829.8	813.8
5°	971.7	968.5	965.7	956.1	943.6	928.0	907.0	*899.5*	883.2	856.1	824.8
7.5°	1028.6	1024.7	1026.2	1016.6	1006.6	989.2	960.4	*946.5*	924.8	883.5	836.2
10°	1039.7	1037.5	1046.8	1050.3	1050.3	1039.3	1011.2	*997.3*	965.7	913.0	848.0
12.5°	977.8	978.1	1001.3	1029.0	1065.3	1075.6	1056.7	*1041.8*	1010.5	944.3	862.9
15°	905.6	905.9	928.3	963.9	1023.3	1082.7	1097.6	*1088.0*	1055.7	978.1	880.3
17.5°	862.2	860.4	875.3	904.5	966.8	1050.3	1122.5	*1128.9*	1102.6	1015.5	899.5
20°	856.1	852.9	860.8	875.3	919.8	1009.8	1125.4	*1155.6*	1151.0	1057.8	921.6
22.5°	893.1	888.1	883.9	884.6	903.4	976.0	1118.3	*1170.6*	1200.8	1108.7	951.8
25°	966.4	958.6	944.7	926.9	923.0	968.9	1113.3	*1186.9*	1247.0	1173.8	991.7
27.5°	1056.0	1045.0	1018.3	991.7	968.9	988.8	1123.6	*1212.9*	1299.3	1249.5	1037.9
30°	1154.6	1141.0	1114.4	1063.9	1027.6	1033.3	1148.2	*1247.0*	1366.2	1335.2	1095.9
32.5°	1299.3	1268.0	1221.4	1144.2	1096.2	1081.3	1185.1	*1290.4*	1449.1	1449.4	1179.8
35°	1423.5	1406.0	1359.1	1263.0	1164.5	1145.0	1233.9	*1351.6*	1564.0	1600.6	1297.2
37.5°	1504.9	1481.1	1439.8	1367.6	1270.5	1210.4	1299.0	*1426.7*	1685.6	1772.7	1442.0
40°	1596.0	1572.5	1517.7	1449.8	1393.6	1322.8	1381.1	*1513.1*	1819.0	1949.5	1607.3
42.5°	1705.9	1675.3	1610.5	1537.3	1478.6	1470.8	1488.5	*1620.9*	1955.9	2141.6	1779.5
45°	1835.0	1806.2	1731.8	1639.4	1587.8	1573.9	1623.7	*1746.4*	2108.5	2352.2	1953.4
47.5°	1955.9	1922.5	1842.5	1758.2	1700.9	1657.1	1767.4	*1894.7*	2281.4	2572.3	2117.8
50°	2058.7	2024.6	1951.3	1861.3	1822.5	1765.3	1908.6	*2060.1*	2452.8	2796.0	2267.9
52.5°	2129.1	2098.9	2012.8	1951.7	1925.3	1896.5	2074.0	*2235.5*	2623.5	3000.9	2416.2
55°	2113.1	2086.1	2010.3	2006.1	2004.3	2034.5	2271.8	*2434.3*	2797.5	3194.8	2563.8
57.5°	2062.3	2031.7	1937.1	2002.2	2065.1	2157.6	2485.9	*2669.4*	2988.1	3377.6	2706.1
60°	1912.5	1901.9	1844.2	1994.7	2090.7	2278.2	2730.6	*2905.6*	3194.4	3538.4	2832.3
62.5°	1595.6	1604.9	1604.5	2010.3	2137.0	2415.5	2952.9	*3144.6*	3396.1	3693.1	2944.7
65°	1194.8	1226.8	1267.7	1869.5	2198.9	2660.5	3218.6	*3403.9*	3601.0	3873.1	3058.9
67.5°	802.8	828.4	856.1	1533.7	2014.6	2918.1	3660.0	*3759.2*	3846.4	4072.6	3187.3
70°	459.5	467.7	506.5	957.9	1552.9	2846.9	4378.9	*4414.8*	4212.4	4318.4	3280.9
72.5°	*257.5*	*254.7*	*305.9*	*454.6*	*867.9*	*2437.9*	*4630.7*	*4981.0*	*4540.0*	*4314.5*	*3072.1*
75°	172.2	172.5	210.6	286.7	338.3	1706.6	3990.4	*4618.6*	4343.6	3825.8	2510.1
77.5°	117.4	121.3	154.7	221.6	156.5	832.7	2639.9	*3235.3*	3516.7	2954.3	1732.9
80°	50.9	51.2	102.1	159.0	105.6	265.0	1368.7	*1733.3*	2205.6	1658.9	686.5
82.5°	26.3	29.9	65.1	102.8	66.5	92.8	646.6	*757.3*	925.5	486.9	140.9
85°	9.2	11.0	40.2	50.5	33.4	33.1	225.1	*229.4*	196.0	73.3	38.8
87.5°	0.0	1.8	15.7	12.4	4.3	3.9	26.7	*22.4*	17.8	10.3	12.8
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: P1201988
CATALOG NUMBER: GWC-SB1C-830-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6
2.5°	806.3	796.7	781.1	761.9	739.5	727.4	709.9	699.3	689.7	690.0	697.9
5°	807.4	791.4	751.6	709.2	662.3	627.8	589.4	562.3	541.7	536.7	544.2
7.5°	810.6	783.6	718.5	648.1	569.8	511.8	458.8	425.4	406.5	401.6	406.5
10°	814.9	775.0	681.1	573.4	476.3	406.5	362.4	341.1	332.6	326.2	330.1
12.5°	818.4	766.1	634.2	496.2	393.0	338.6	305.2	287.4	279.9	275.3	277.8
15°	824.5	754.4	583.3	424.3	336.8	292.4	260.7	247.6	245.4	246.1	247.2
17.5°	830.5	743.0	526.4	368.1	295.6	251.8	232.6	230.5	233.3	236.2	237.2
20°	837.3	726.7	468.8	325.8	257.5	223.7	218.7	220.2	221.6	226.6	228.0
22.5°	847.2	706.0	418.3	289.9	225.9	210.2	207.7	208.8	209.9	214.8	216.3
25°	861.5	684.0	377.4	256.8	205.9	199.2	196.7	196.7	198.1	202.7	204.5
27.5°	876.4	652.7	344.3	226.2	194.2	187.1	182.8	182.8	184.6	189.9	192.1
30°	893.1	624.2	318.3	203.5	184.2	175.0	169.3	167.9	170.0	176.8	178.6
32.5°	923.4	605.7	299.8	192.8	175.4	164.0	156.1	152.2	154.4	162.2	164.3
35°	969.2	601.5	287.0	187.4	166.8	154.0	143.0	136.9	138.7	146.9	149.4
37.5°	1023.0	610.4	274.6	180.3	158.6	144.4	129.8	122.0	124.8	132.3	134.4
40°	1100.1	647.3	265.0	175.0	150.5	133.0	116.7	108.8	113.5	119.9	120.9
42.5°	1193.3	713.2	262.5	170.0	140.5	120.9	104.6	98.9	102.4	108.5	109.6
45°	1308.9	797.1	273.9	163.6	129.5	109.2	95.0	91.8	92.8	98.9	101.7
47.5°	1433.1	883.2	305.2	157.9	119.9	99.6	87.5	84.7	83.9	89.6	93.2
50°	1558.6	959.6	342.2	153.7	113.1	91.8	81.8	78.3	76.5	80.0	81.5
52.5°	1682.8	1020.5	366.4	146.5	106.4	83.9	76.8	71.5	68.3	70.1	71.5
55°	1808.7	1073.8	367.8	135.9	99.9	79.0	71.8	65.8	61.9	61.9	62.6
57.5°	1926.4	1120.8	346.8	121.6	91.1	74.3	65.1	60.1	55.8	54.4	54.8
60°	2030.6	1155.6	311.9	105.6	83.2	68.3	58.3	54.4	49.1	46.2	45.5
62.5°	2123.4	1172.7	264.3	89.3	73.6	61.2	51.9	47.7	40.5	37.0	36.6
65°	2202.1	1155.3	214.5	74.0	65.4	53.4	44.5	40.2	32.4	28.1	28.1
67.5°	2279.9	1075.6	162.2	62.2	56.9	44.8	36.6	32.7	27.0	23.5	23.5
70°	2289.9	908.1	113.5	52.3	47.3	34.5	29.5	27.0	22.1	18.9	18.5
72.5°	*2038.4*	*653.4*	*69.0*	*42.7*	*37.0*	*24.5*	*23.5*	*21.3*	*16.4*	*14.2*	*13.9*
75°	1629.4	400.5	40.5	32.0	24.5	17.4	17.4	15.3	11.0	9.2	9.2
77.5°	1126.1	209.5	23.8	20.6	14.6	10.3	11.4	9.2	5.3	4.3	4.3
80°	451.0	79.7	12.8	9.6	6.8	4.6	3.9	2.1	1.1	0.7	1.1
82.5°	90.0	21.0	4.3	2.5	2.5	1.1	0.0	0.0	0.0	0.0	0.0
85°	23.1	4.6	1.1	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.1	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

0

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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

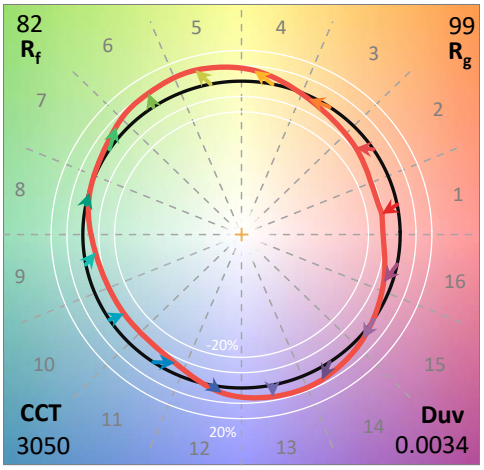
Test Information

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

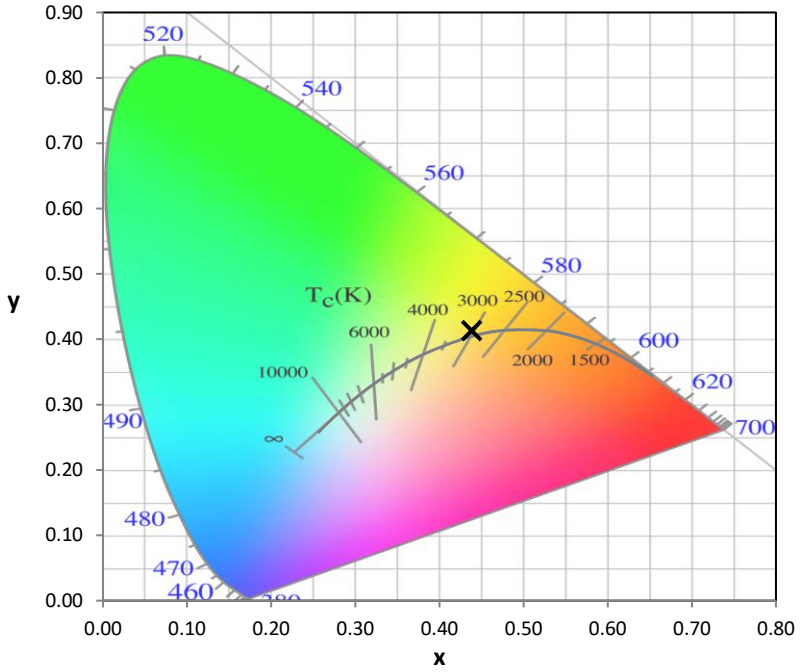
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

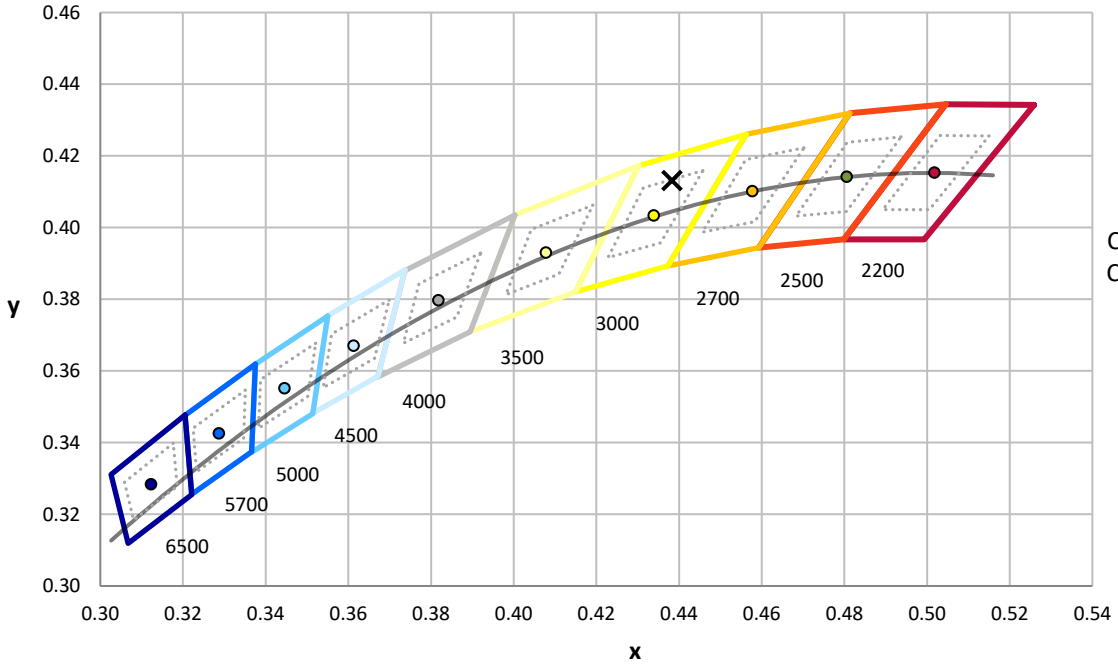
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

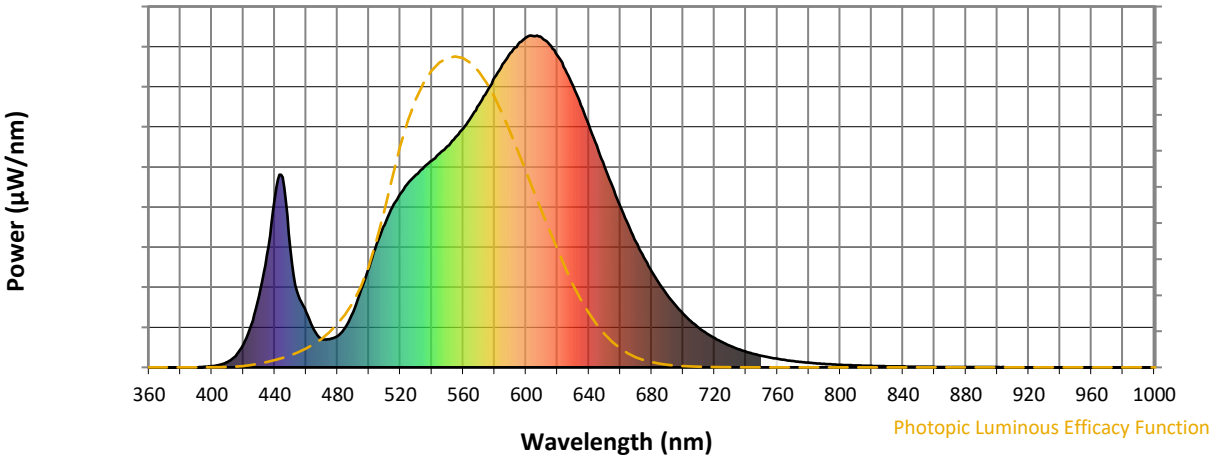


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

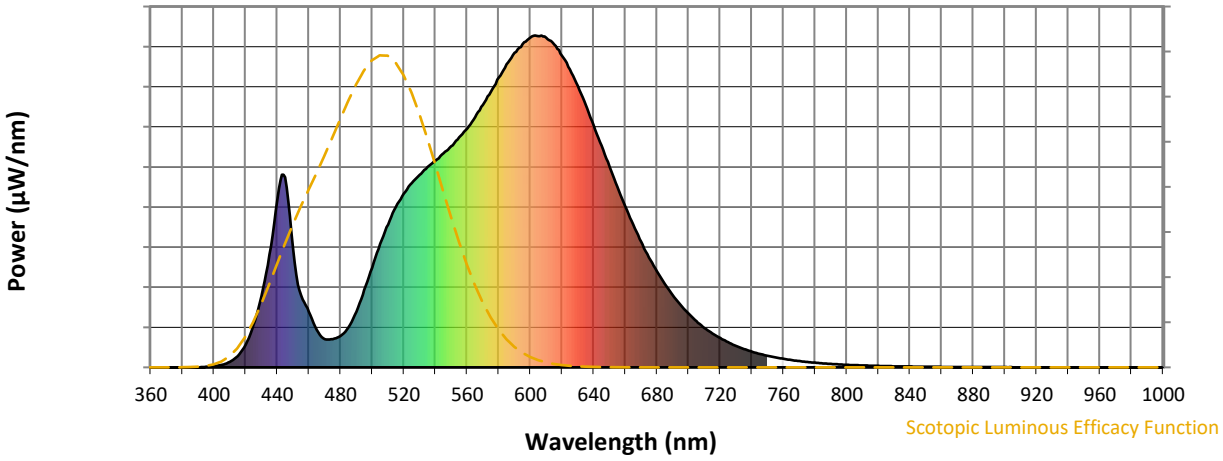


Photopic Lumens: NR

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

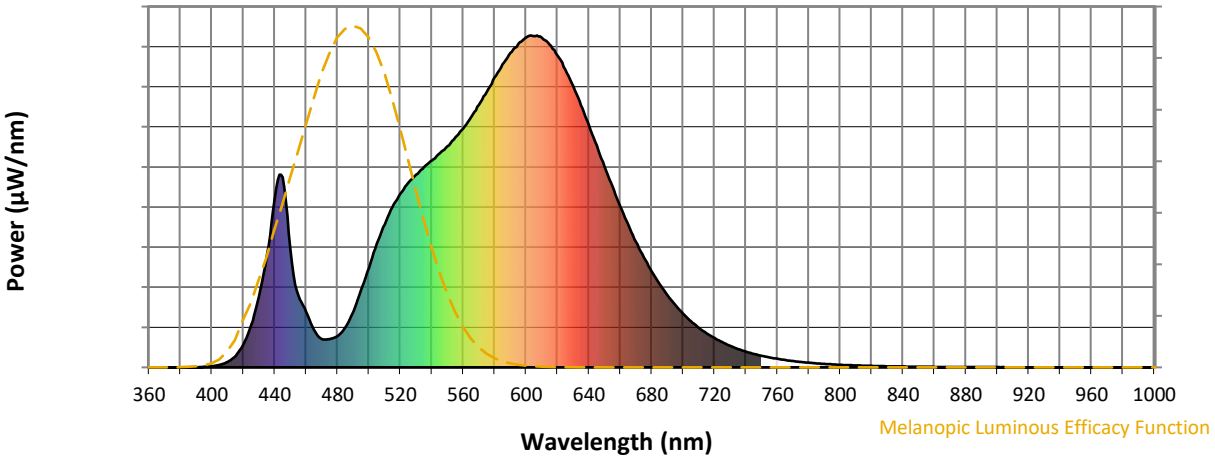


Scotopic Lumens: NR **S/P: 1.27**

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			

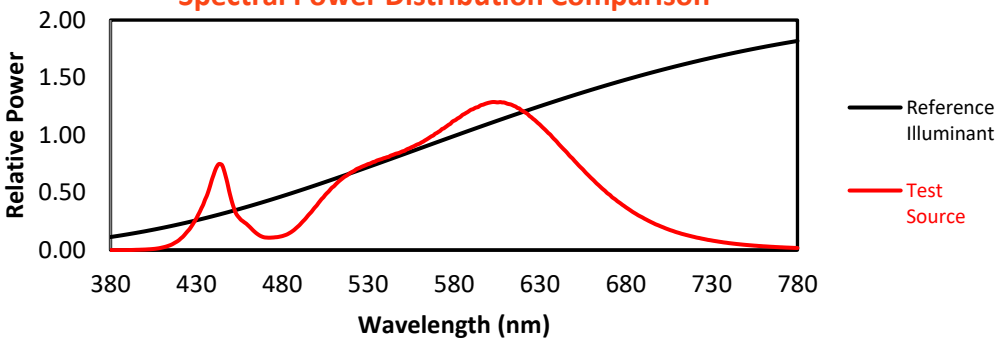
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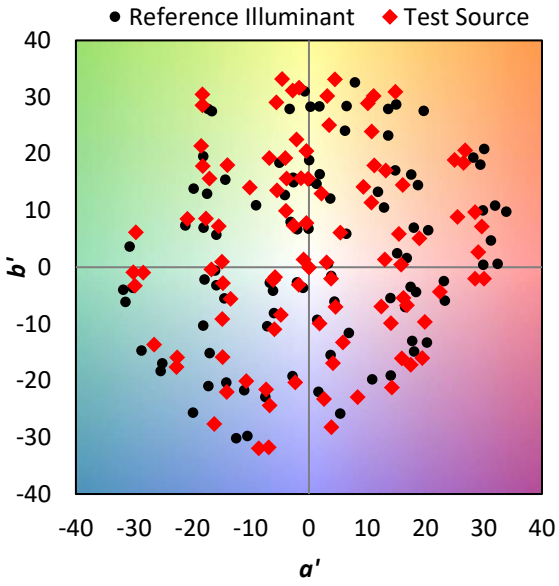
Summary

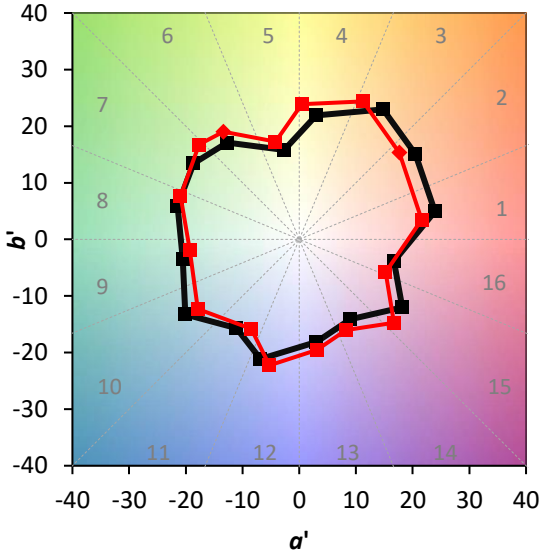
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

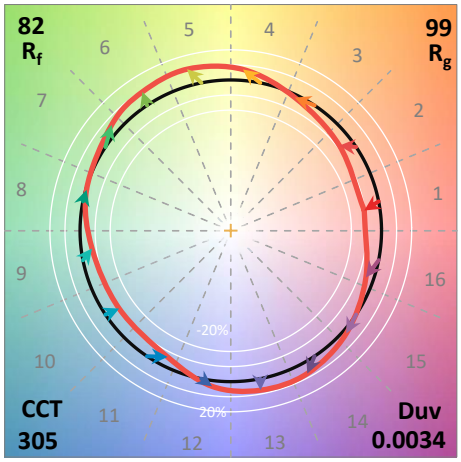
Spectral Power Distribution Comparison

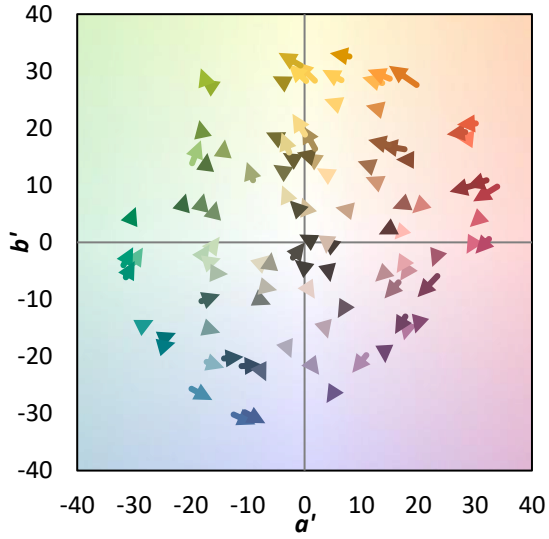


Color Vector Graphics







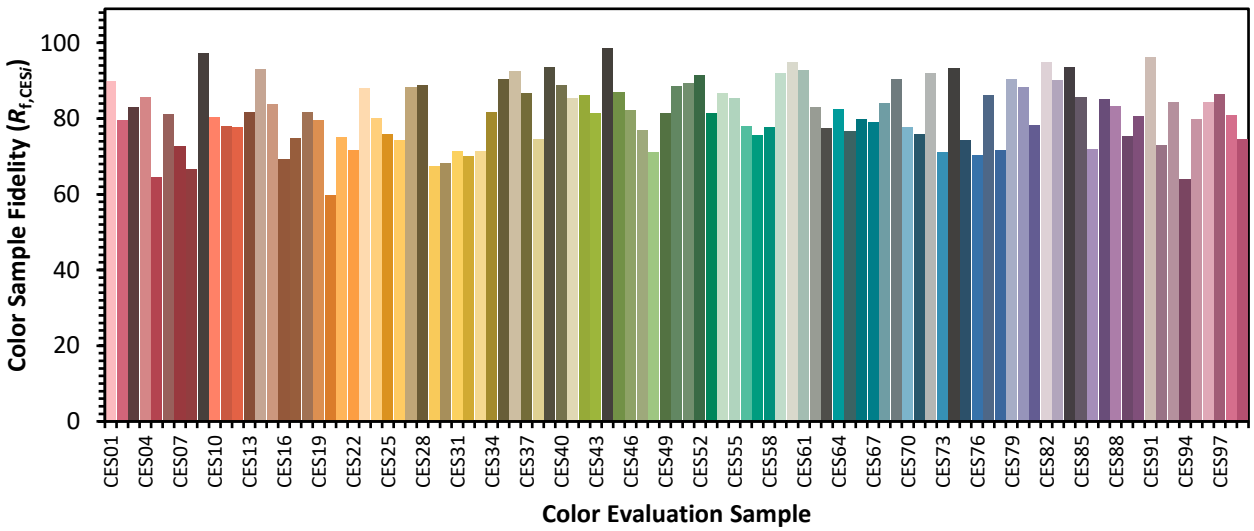


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Individual Sample Fidelity Index ($R_{f,i}$)

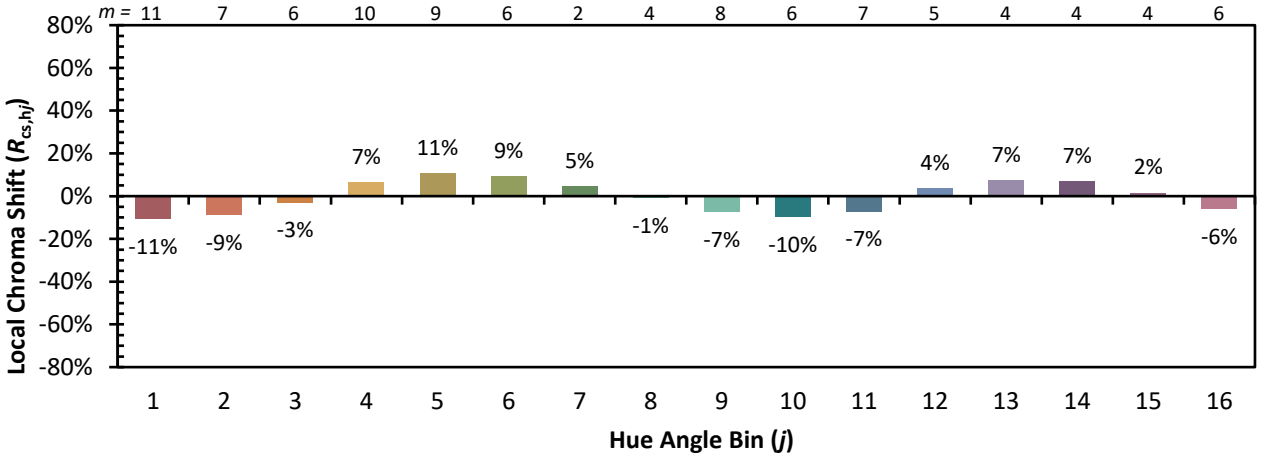
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

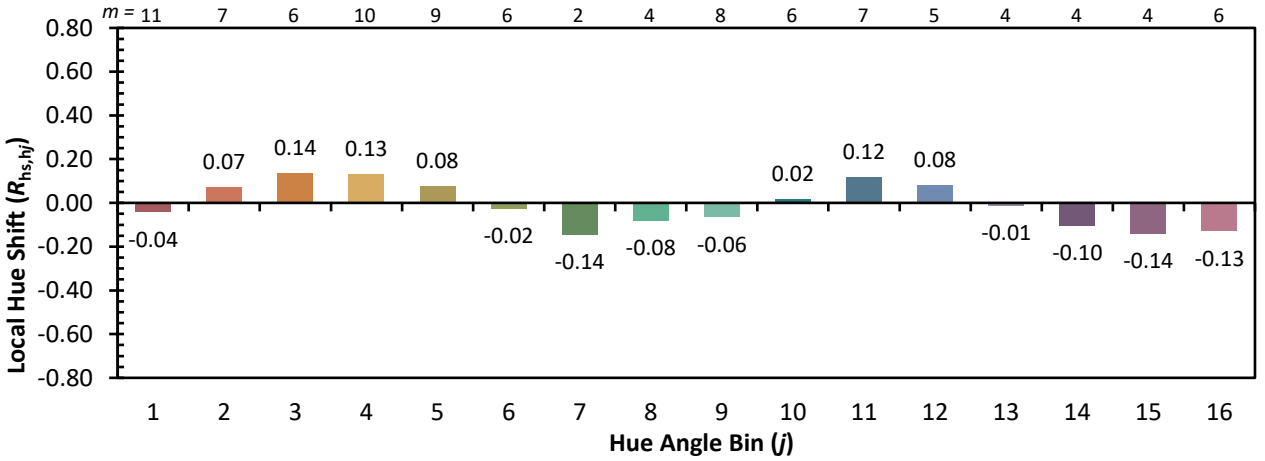


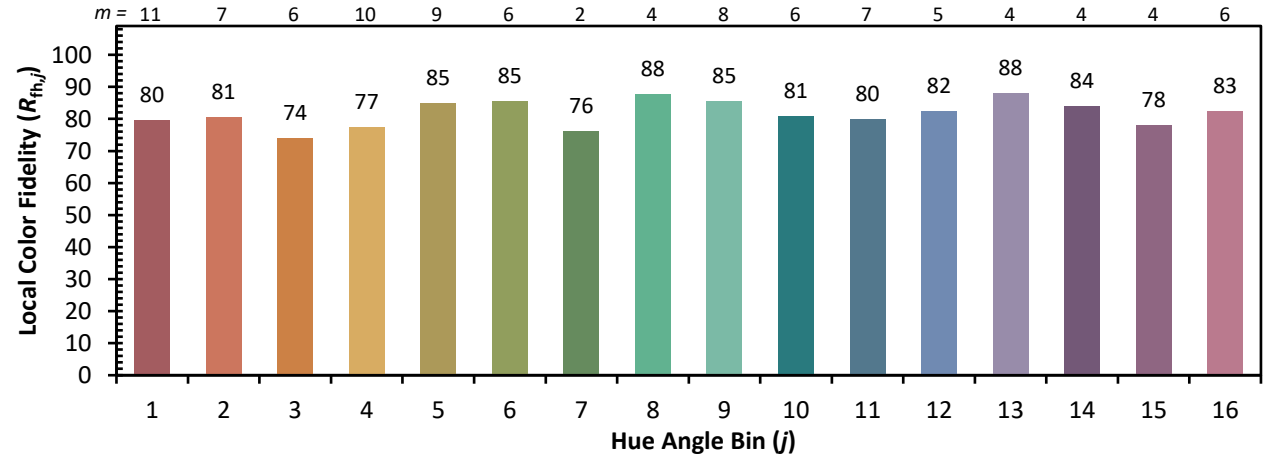
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Color Rendition by Hue-Angle Bin



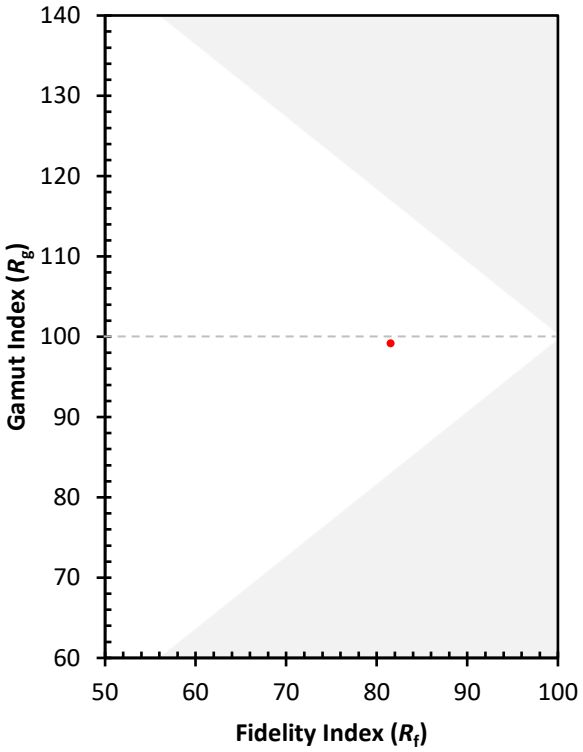


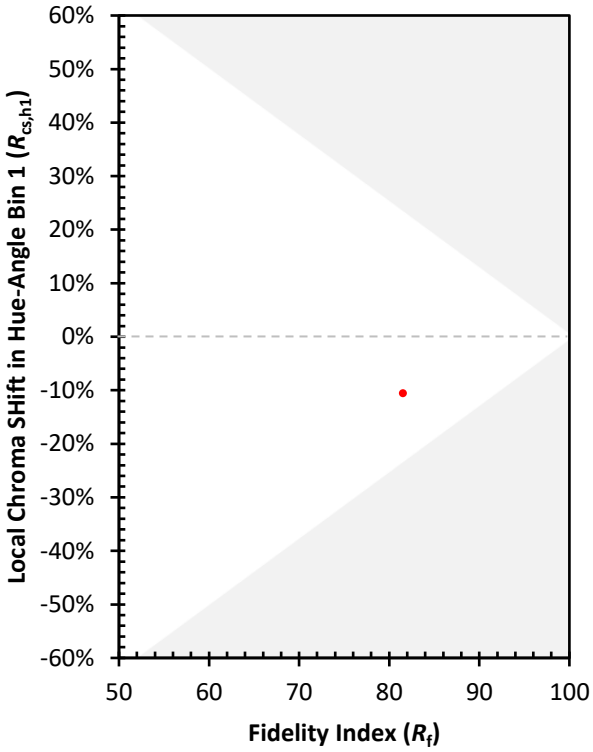


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Measure Comparisons





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