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: P1203498

Luminaire Tested: GWC-SB2C-830-U-T4W-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:	P1203498
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-830-U-T4W-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10364 lumens
Efficiency:	N/A
Efficacy:	102.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

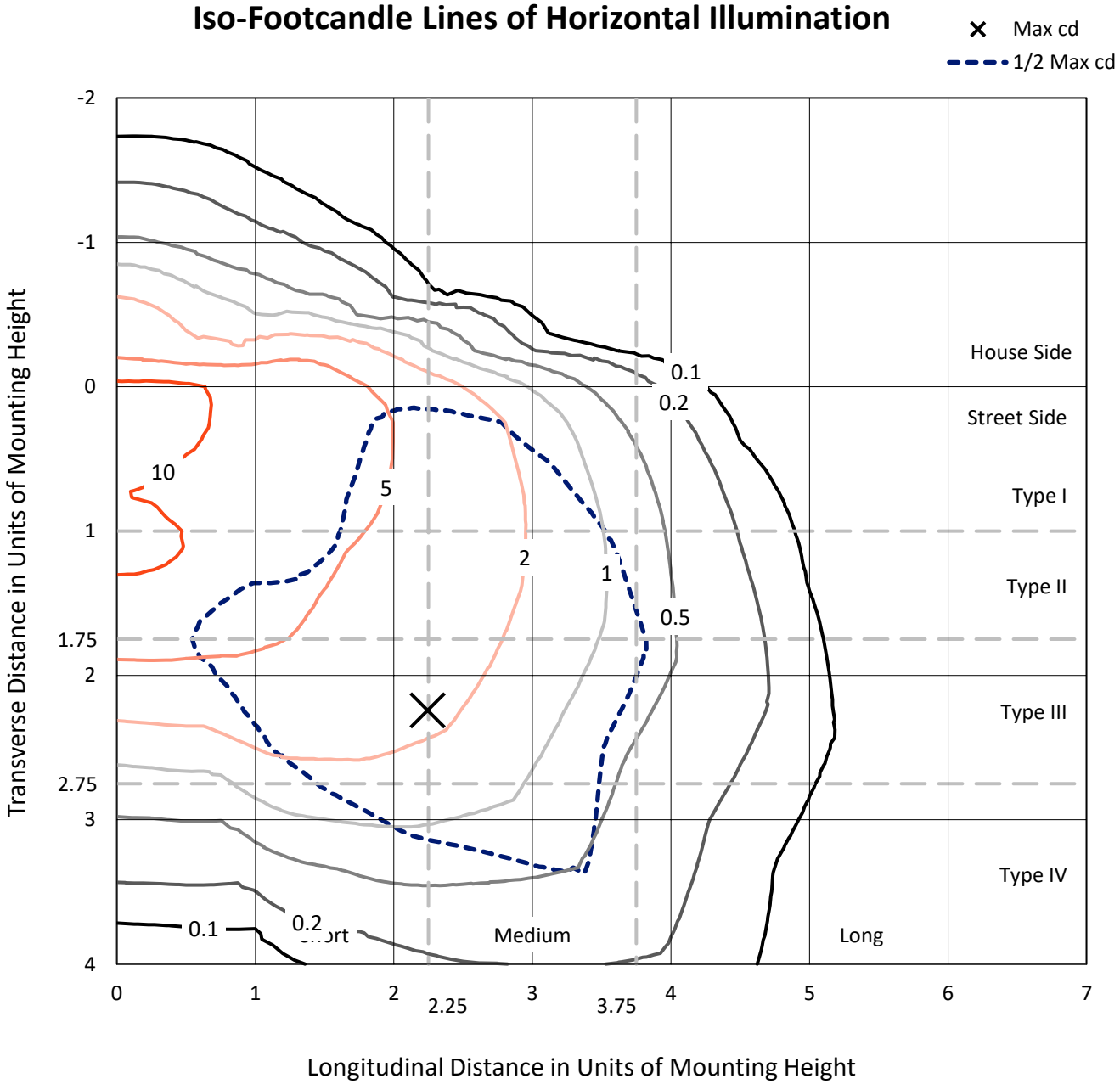


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REPORT NUMBER: P1203498
CATALOG NUMBER: GWC-SB2C-830-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



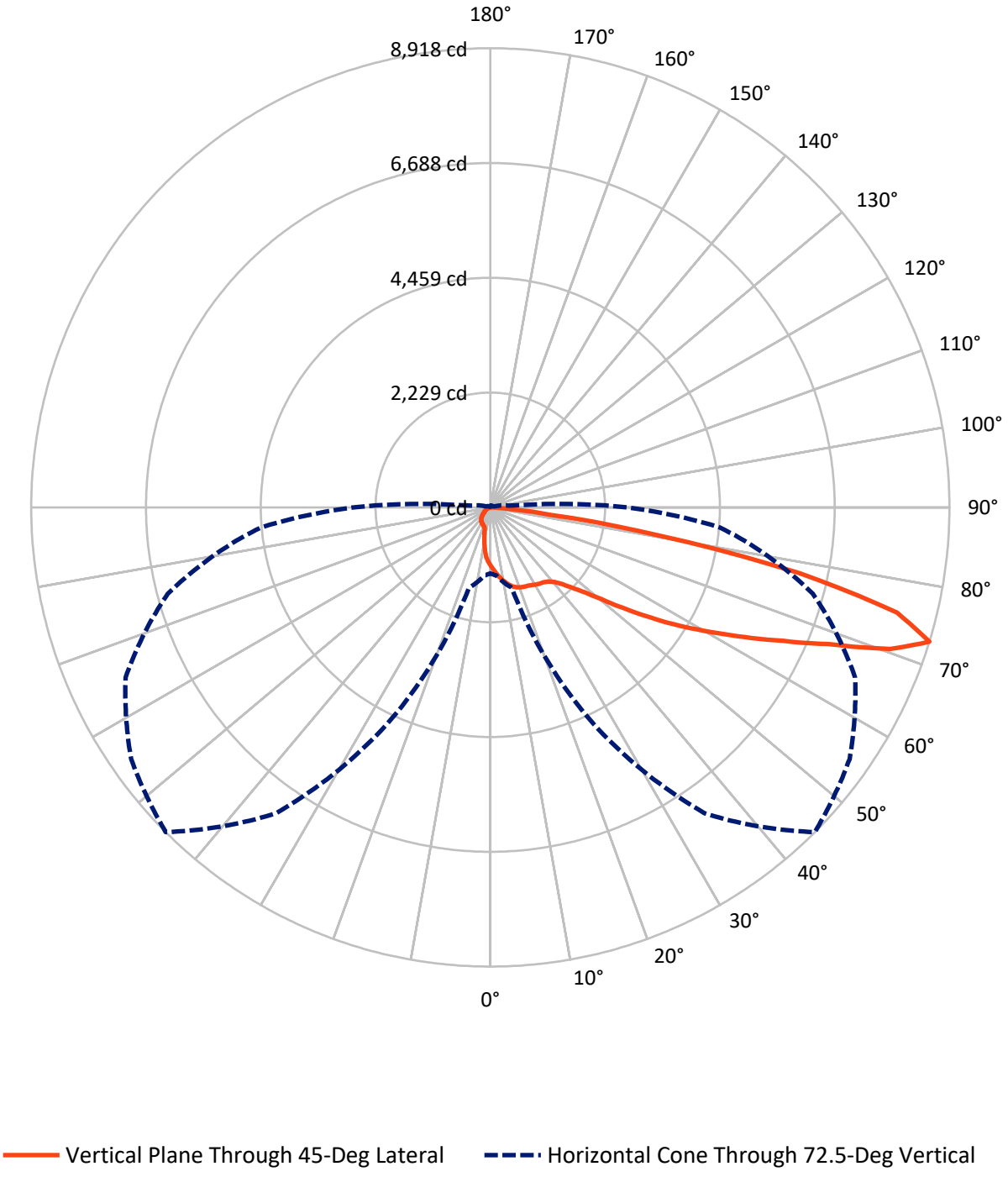
Based on 10 foot mounting height. Maximum calculated value = 19.6 fc
Type IV - Short - N/A

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REPORT NUMBER: P1203498
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Luminous Intensity Polar Plot



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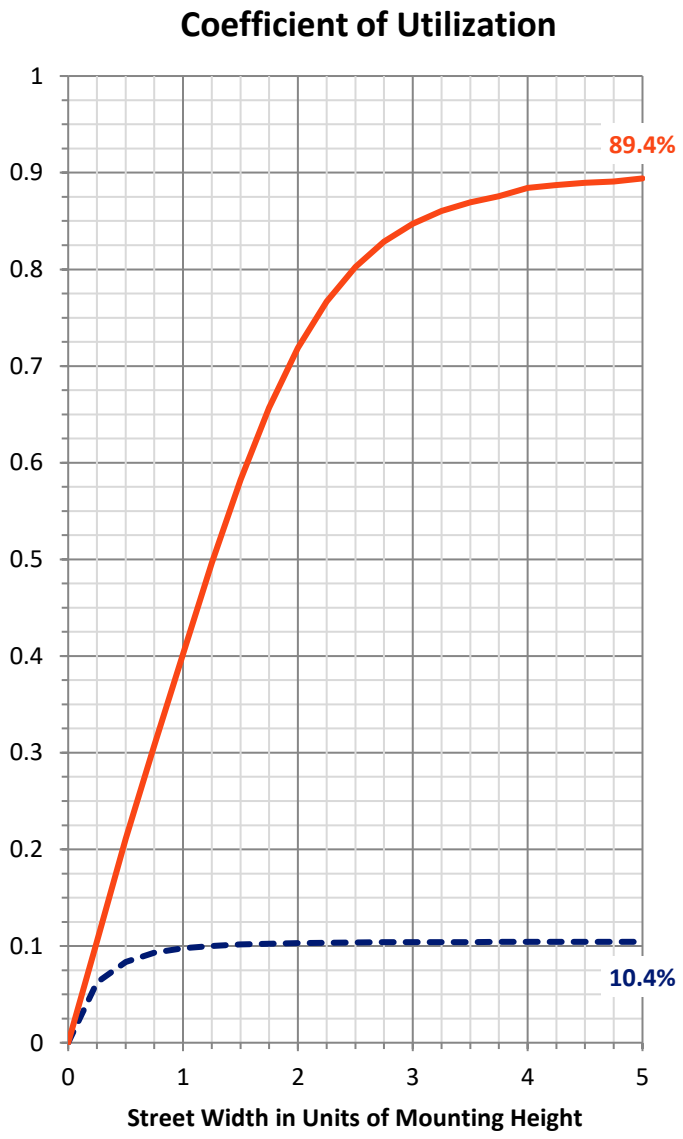
REPORT NUMBER: P1203498
CATALOG NUMBER: GWC-SB2C-830-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1089.0	0.0	1089.0
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	9275.0	0.0	9275.0
	% Fixture	89.5	0.0	89.5
Total	Lumens	10364.0	0.0	10364.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.0	1.0
10°-20°	312.6	3.0
20°-30°	513.4	5.0
30°-40°	728.1	7.0
40°-50°	1203.6	11.6
50°-60°	2162.0	20.9
60°-70°	3002.1	29.0
70°-80°	2177.6	21.0
80°-90°	157.4	1.5
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°	10364.0	100.0
0°-180°	10364.0	100.0



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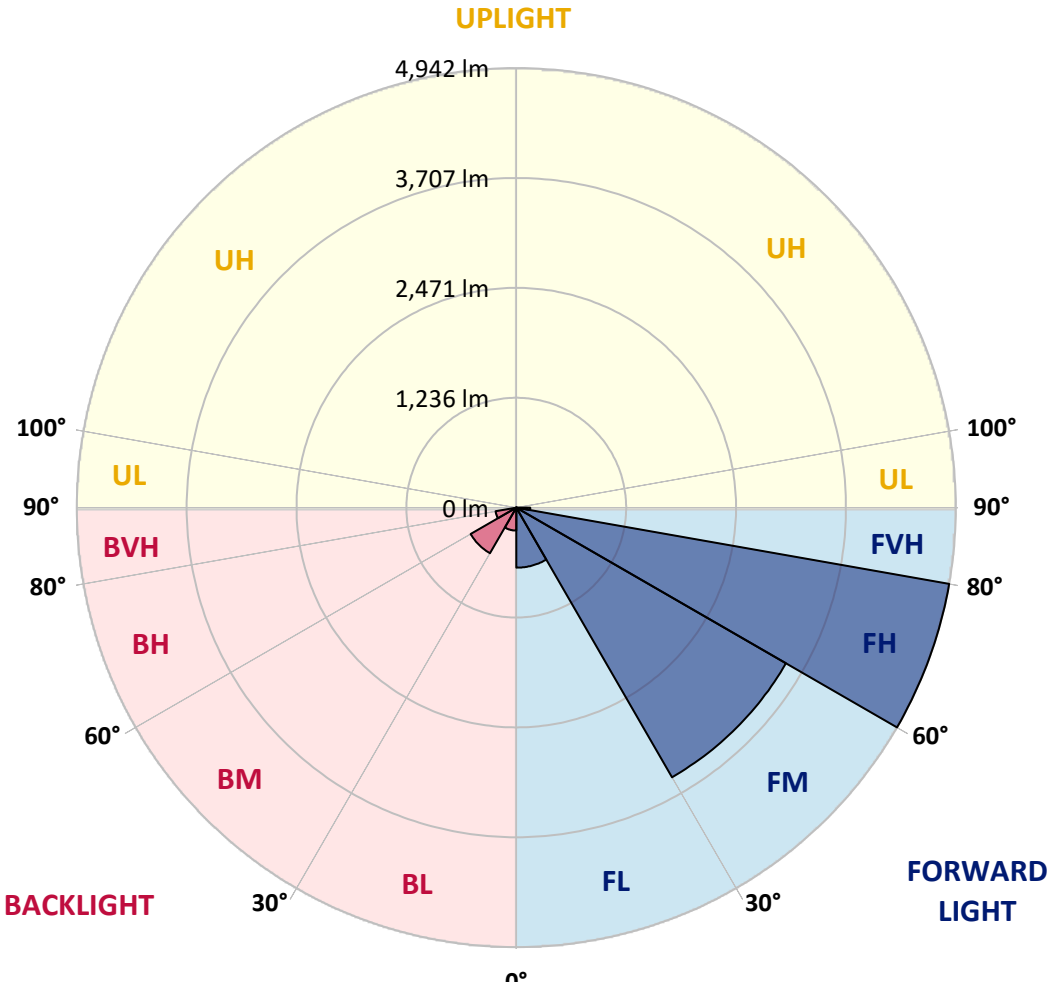
Scaled Data Report

REPORT NUMBER: P1203498
CATALOG NUMBER: GWC-SB2C-830-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	675.1	6.5			
FM	(30°-60°)	3501.5	33.8			
FH	(60°-80°)	4942.3	47.7			G2/5000
FVH	(80°-90°)	156.1	1.5			G2/225
BL	(0°-30°)	257.9	2.5	B1/500		
BM	(30°-60°)	592.2	5.7	B1/1000		
BH	(60°-80°)	237.5	2.3	B1/500		G1/500
BVH	(80°-90°)	1.3	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1135.4	1135.4	1135.4	1135.4	1135.4	*1135.4*	1135.4	1135.4	1135.4	1135.4	1135.4
2.5°	1240.1	1242.2	1240.8	1232.3	1218.2	*1210.4*	1206.1	1192.0	1182.8	1166.5	1149.5
5°	1354.0	1362.5	1357.5	1340.5	1313.7	*1294.6*	1288.9	1259.9	1233.7	1203.3	1167.9
7.5°	1475.0	1479.2	1470.0	1448.1	1412.0	*1379.5*	1374.5	1334.2	1292.4	1245.8	1197.7
10°	1579.7	1584.6	1570.5	1538.6	1497.6	*1457.3*	1450.2	1405.6	1356.1	1298.8	1237.3
12.5°	1667.4	1672.3	1653.9	1615.7	1570.5	*1528.7*	1521.6	1475.0	1420.5	1356.8	1280.4
15°	1733.9	1743.1	1718.3	1677.3	1628.5	*1586.7*	1583.2	1537.2	1484.2	1413.4	1332.1
17.5°	1772.8	1782.0	1758.6	1709.1	1667.4	*1632.0*	1627.8	1589.6	1540.0	1472.1	1382.3
20°	1779.1	1787.6	1762.9	1719.7	1685.1	*1656.8*	1654.6	1627.1	1591.0	1525.9	1436.8
22.5°	1760.0	1770.7	1748.0	1713.4	1689.3	*1674.4*	1671.6	1656.1	1635.5	1580.4	1487.7
25°	1740.2	1748.7	1731.7	1701.3	1688.6	*1687.2*	1689.3	1686.5	1682.2	1635.5	1547.1
27.5°	1738.8	1748.0	1728.9	1699.9	1692.8	*1707.7*	1709.8	1723.3	1726.8	1685.8	1604.4
30°	1750.8	1757.2	1738.8	1708.4	1704.9	*1738.8*	1739.5	1763.6	1769.2	1728.2	1661.0
32.5°	1777.0	1784.1	1765.7	1721.1	1716.2	*1763.6*	1765.7	1797.5	1806.7	1773.5	1720.4
35°	1838.6	1847.1	1825.8	1756.5	1738.8	*1786.9*	1793.3	1830.8	1849.2	1821.6	1782.0
37.5°	1992.1	1967.3	1938.3	1828.0	1790.5	*1823.7*	1834.3	1878.2	1910.7	1878.9	1855.5
40°	2373.4	2295.6	2205.0	1949.6	1881.0	*1902.2*	1910.7	1954.6	1999.1	1968.0	1956.7
42.5°	2945.7	2853.7	2708.0	2229.8	2017.5	*2028.2*	2034.5	2072.7	2135.7	2110.9	2113.8
45°	3455.7	3422.5	3273.9	2708.0	2272.9	*2220.6*	2228.4	2248.2	2340.8	2331.6	2350.0
47.5°	3847.6	3828.5	3713.9	3256.9	2704.4	*2456.1*	2478.1	2487.3	2621.0	2653.5	2703.0
50°	4149.0	4141.9	4039.3	3745.0	3268.2	*2803.5*	2811.3	2791.5	2991.7	3072.3	3166.4
52.5°	4433.4	4457.4	4381.7	4198.5	3870.3	*3258.3*	3256.9	3163.6	3433.8	3555.5	3716.0
55°	4690.1	4698.6	4706.4	4661.1	4475.8	*3776.2*	3762.7	3609.9	3946.7	4072.6	4246.6
57.5°	4931.4	4934.9	5004.2	5096.9	5106.1	*4332.2*	4307.4	4124.2	4506.9	4596.8	4703.6
60°	5093.4	5109.6	5256.1	5513.6	5626.1	*4905.9*	4892.5	4705.7	5077.1	5118.8	5099.0
62.5°	4859.9	4959.0	5328.2	5839.0	6117.0	*5541.9*	5535.5	5360.1	5677.0	5643.0	5473.3
65°	3933.9	4101.6	4751.0	6059.0	6598.8	*6252.1*	6261.3	6074.6	6293.1	6182.8	5777.4
67.5°	2751.8	2928.7	3696.9	6076.7	7137.1	*7086.2*	7139.2	6846.3	6947.5	6699.9	5849.6
70°	1902.9	1994.2	2494.3	5696.1	7556.6	*8235.0*	8233.6	7794.3	7598.3	6935.5	5481.7
72.5°	*1279.7*	*1327.1*	*1620.0*	*4519.0*	*7248.2*	*8917.7*	*8876.6*	*8518.7*	*7817.6*	*6486.3*	*4478.6*
75°	539.8	574.4	749.9	2539.6	5734.3	*8158.6*	8047.5	7528.3	6946.1	5107.5	2794.3
77.5°	171.2	186.0	295.7	909.0	3158.6	*6132.6*	6015.1	4701.5	4655.5	2562.3	1021.5
80°	81.4	94.8	166.2	365.0	1242.9	*3335.5*	3319.2	2132.9	2002.7	691.9	205.1
82.5°	35.4	41.7	92.0	195.2	556.0	*1189.9*	1213.9	725.8	600.6	262.5	63.0
85°	11.3	14.9	42.4	89.8	234.9	*295.7*	292.2	172.6	241.9	142.9	21.9
87.5°	0.0	0.0	14.1	20.5	24.1	*17.0*	19.1	14.9	67.2	39.6	7.8
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: P1203498
CATALOG NUMBER: GWC-SB2C-830-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4	1135.4
2.5°	1141.1	1129.7	1109.9	1091.5	1075.3	1059.0	1049.1	1034.9	1033.5	1033.5	1037.1
5°	1148.8	1130.4	1095.1	1057.6	1014.4	973.4	932.4	892.8	880.0	870.8	875.1
7.5°	1171.5	1142.5	1086.6	1015.1	933.1	843.2	780.3	712.4	686.2	672.0	674.2
10°	1204.0	1164.4	1079.5	954.3	821.3	698.9	609.1	535.5	507.2	495.2	495.2
12.5°	1240.1	1191.3	1066.8	878.6	698.9	552.5	464.8	430.8	426.6	426.6	426.6
15°	1283.2	1223.8	1044.8	789.5	570.9	437.2	406.1	407.5	411.7	414.5	414.5
17.5°	1327.8	1258.5	1010.2	689.7	457.7	393.3	394.0	396.2	399.7	402.5	402.5
20°	1375.9	1293.2	964.2	583.6	392.6	380.6	382.7	384.8	387.7	389.1	389.8
22.5°	1427.6	1325.7	909.7	479.6	370.7	370.0	370.7	372.8	376.3	376.3	377.8
25°	1482.7	1361.8	847.5	403.9	359.4	359.4	360.8	362.2	365.0	365.0	365.7
27.5°	1539.3	1395.0	781.7	364.3	349.5	348.8	348.8	350.9	352.3	353.0	353.7
30°	1601.6	1433.9	715.9	355.8	341.7	338.1	336.0	337.4	338.9	339.6	341.0
32.5°	1665.3	1471.4	657.2	359.4	333.9	327.5	320.5	319.0	319.0	321.9	324.0
35°	1736.0	1512.4	611.9	371.4	329.7	312.0	300.7	294.3	295.0	299.2	301.4
37.5°	1820.9	1562.0	578.7	382.0	326.8	294.3	275.9	268.1	263.2	268.1	266.7
40°	1931.9	1634.8	554.6	390.5	323.3	273.8	249.0	236.3	227.1	229.9	228.5
42.5°	2095.4	1749.4	545.4	391.2	315.5	249.7	221.4	204.4	191.0	191.7	188.9
45°	2324.6	1930.5	592.8	382.0	298.5	223.5	192.4	169.8	161.3	159.2	156.3
47.5°	2638.7	2194.4	702.5	362.9	273.8	198.1	164.1	145.0	138.7	135.1	133.0
50°	3059.6	2533.2	824.1	341.7	249.0	174.0	140.8	128.7	124.5	121.0	120.3
52.5°	3547.7	2877.0	923.9	320.5	224.2	152.8	125.9	118.8	115.3	112.5	111.8
55°	3995.5	3114.0	918.2	297.8	200.2	135.8	115.3	111.1	106.8	104.0	102.6
57.5°	4274.2	3147.3	756.9	273.1	172.6	122.4	105.4	102.6	97.6	94.1	93.4
60°	4402.2	2957.7	530.6	240.5	145.0	109.6	94.8	93.4	87.0	82.1	80.6
62.5°	4425.6	2605.4	353.7	200.2	121.0	97.6	84.2	82.1	73.6	65.1	60.8
65°	4330.8	2101.7	244.8	156.3	103.3	84.9	72.2	67.9	58.7	50.2	47.4
67.5°	4030.8	1475.7	170.5	112.5	87.7	67.2	57.3	55.9	48.8	41.7	39.6
70°	3481.2	841.1	113.9	84.2	69.3	46.0	45.3	46.7	39.6	34.0	31.1
72.5°	*2669.1*	*384.8*	*70.7*	*61.5*	*47.4*	*31.1*	*36.1*	*36.8*	*30.4*	*25.5*	*22.6*
75°	1571.2	164.8	44.6	39.6	24.1	20.5	26.2	26.9	20.5	16.3	14.1
77.5°	534.8	62.3	28.3	23.3	12.0	11.3	17.0	17.0	11.3	6.4	5.0
80°	121.7	23.3	14.1	9.2	5.7	5.0	5.7	5.0	2.8	0.7	0.0
82.5°	34.7	9.2	5.7	3.5	2.1	2.1	0.7	0.0	0.0	0.0	0.0
85°	9.9	4.2	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	0.7	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

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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

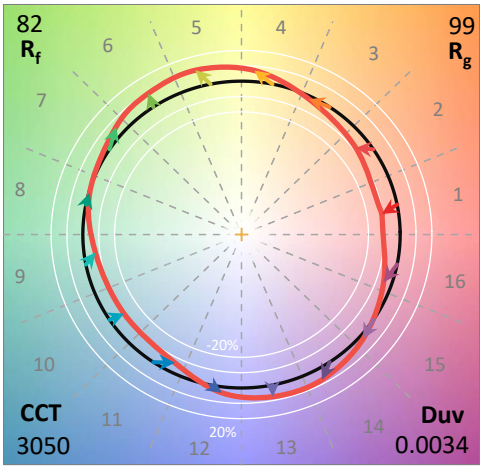
Test Information

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

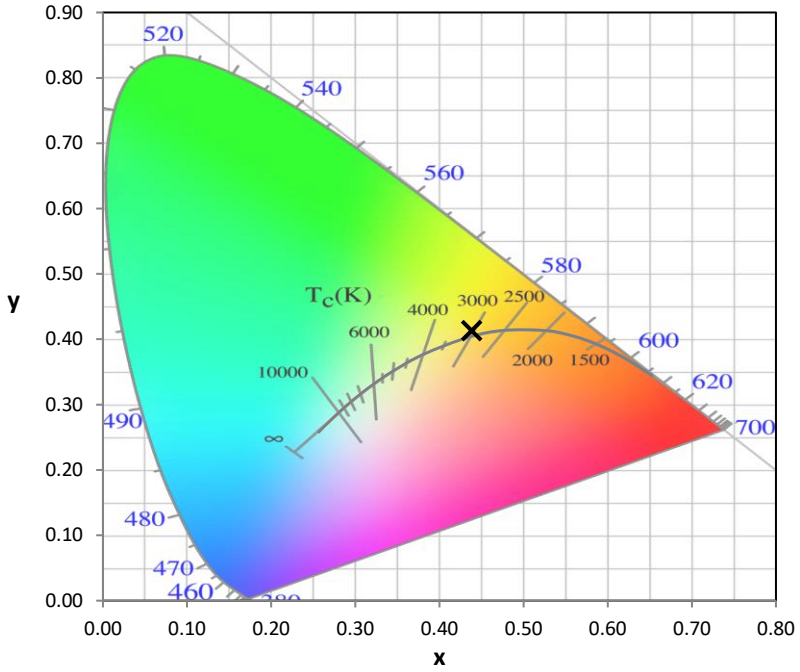
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

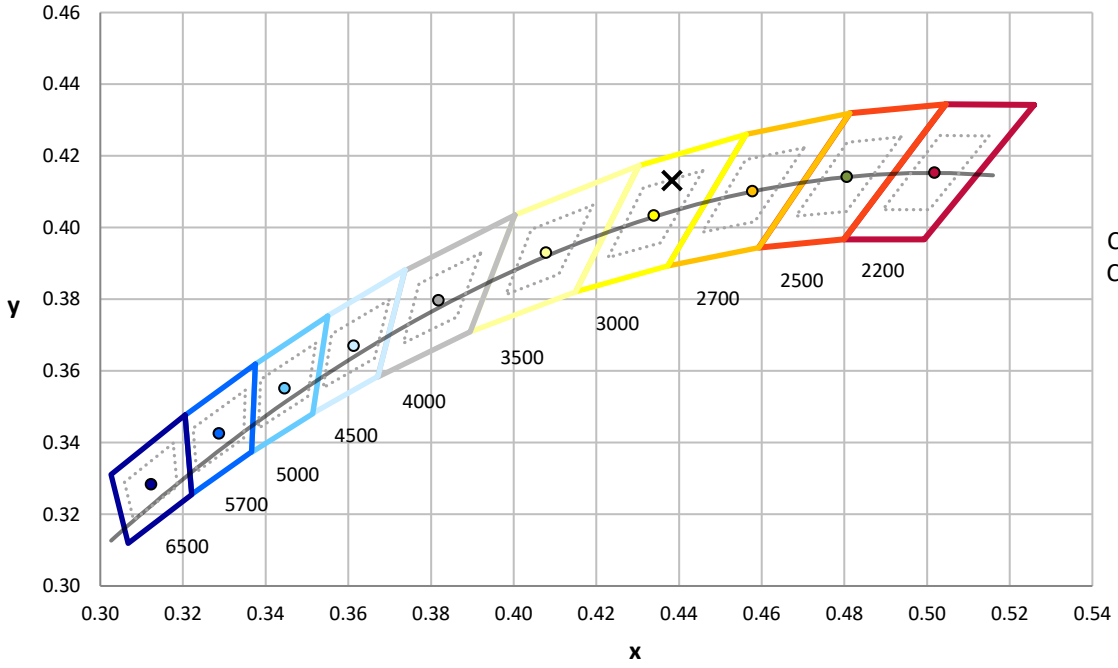
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

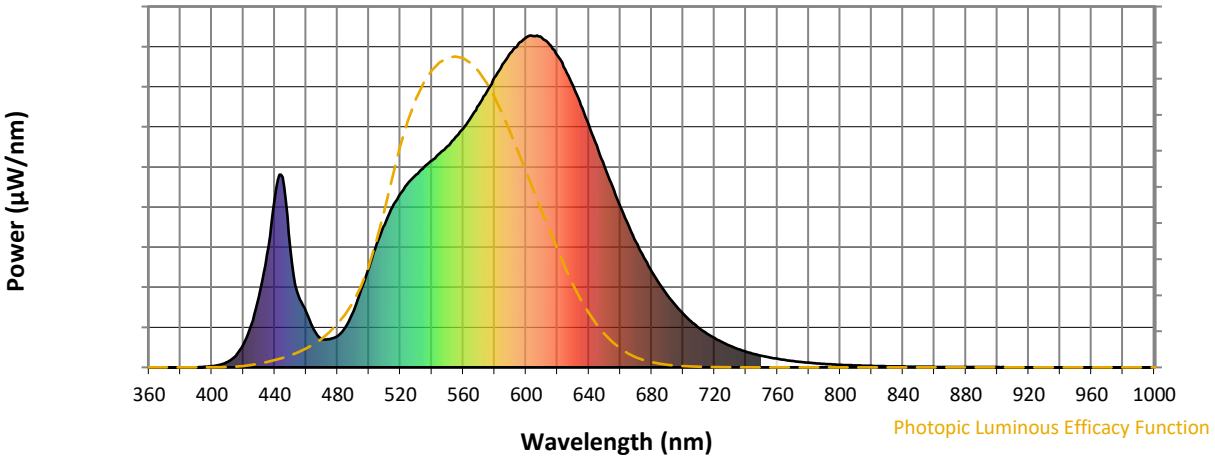


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

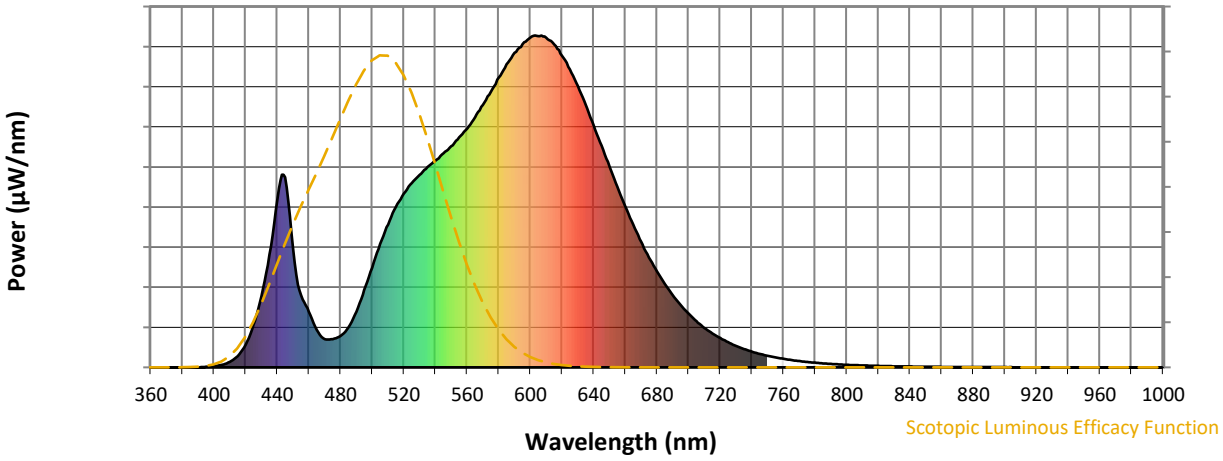


Photopic Lumens: NR

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

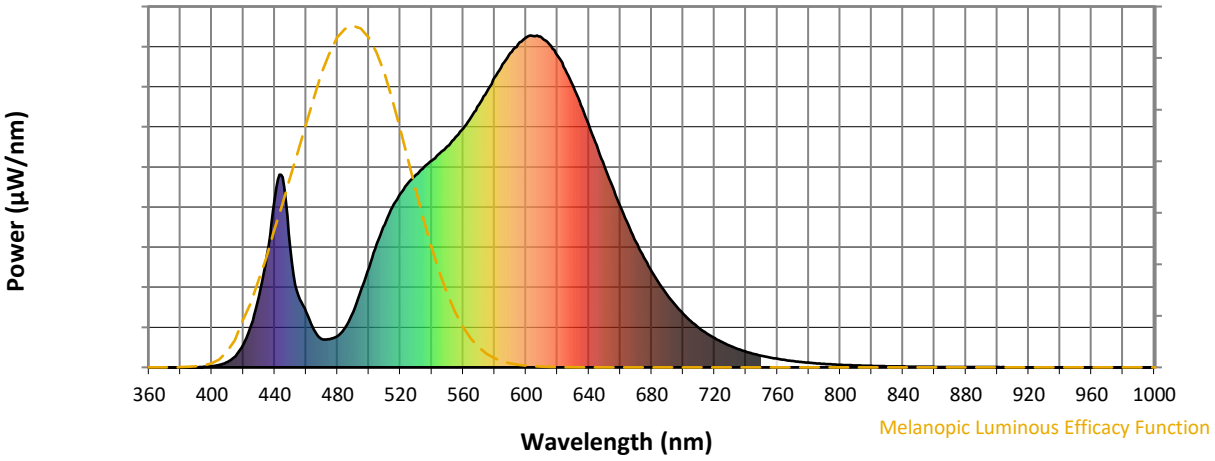


Scotopic Lumens: NR **S/P: 1.27**

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			

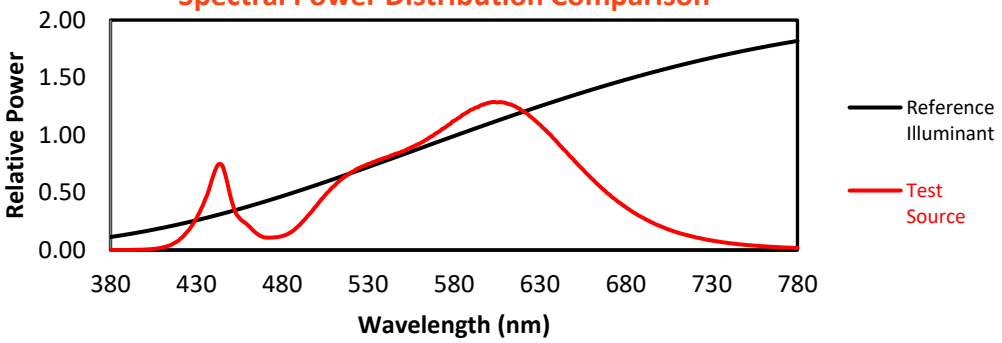
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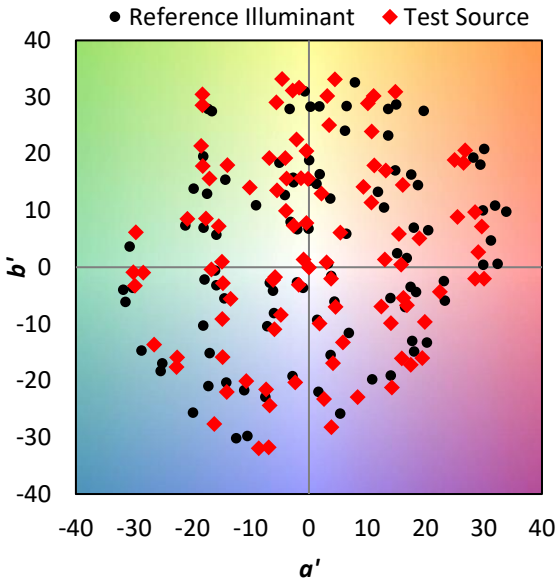
Summary

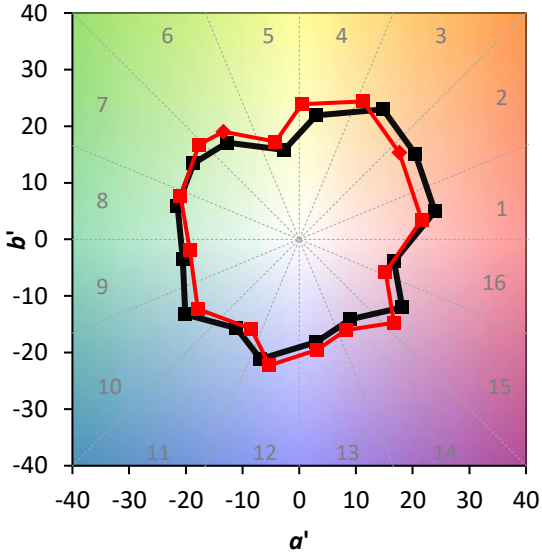
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

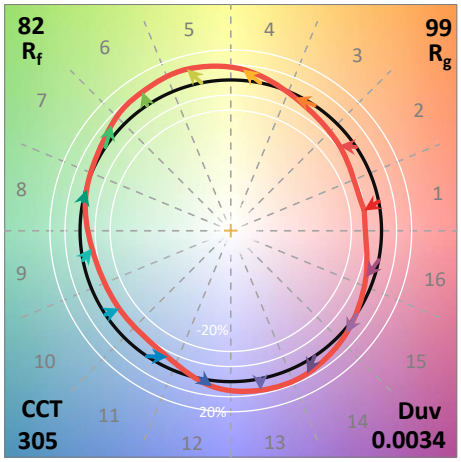
Spectral Power Distribution Comparison

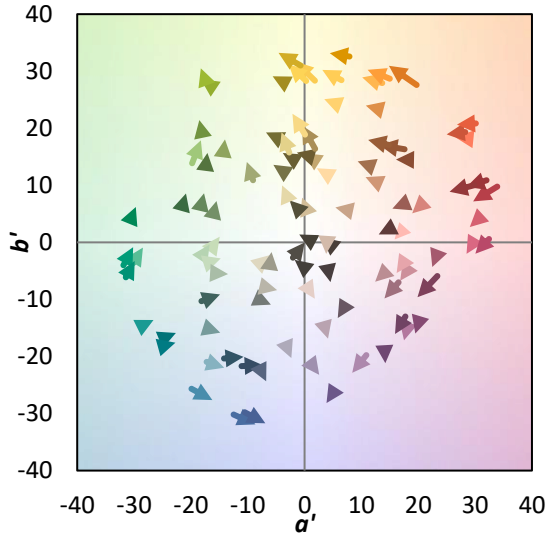


Color Vector Graphics







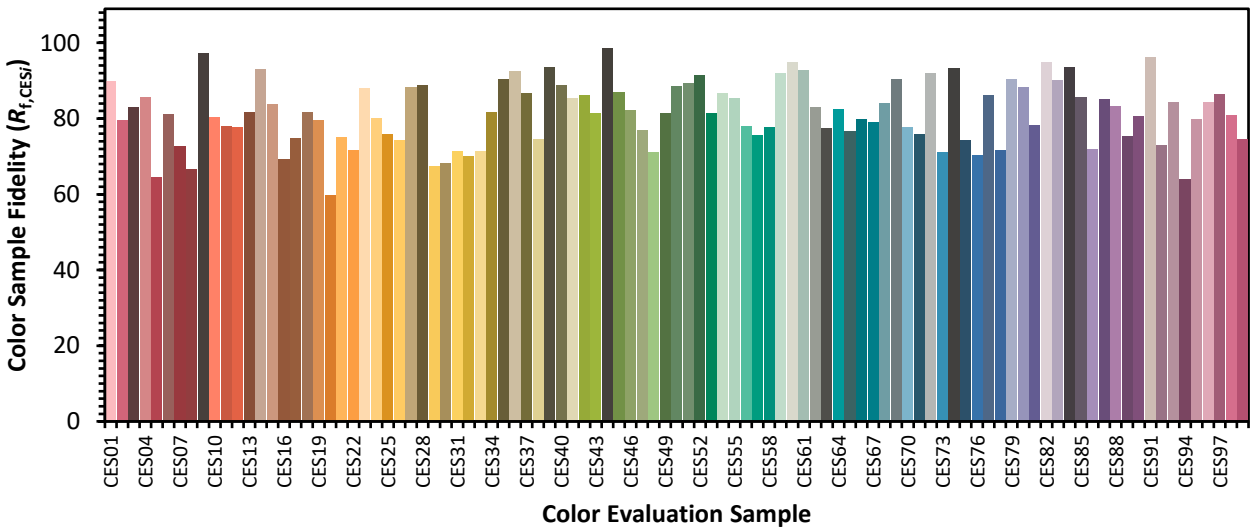


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Individual Sample Fidelity Index ($R_{f,i}$)

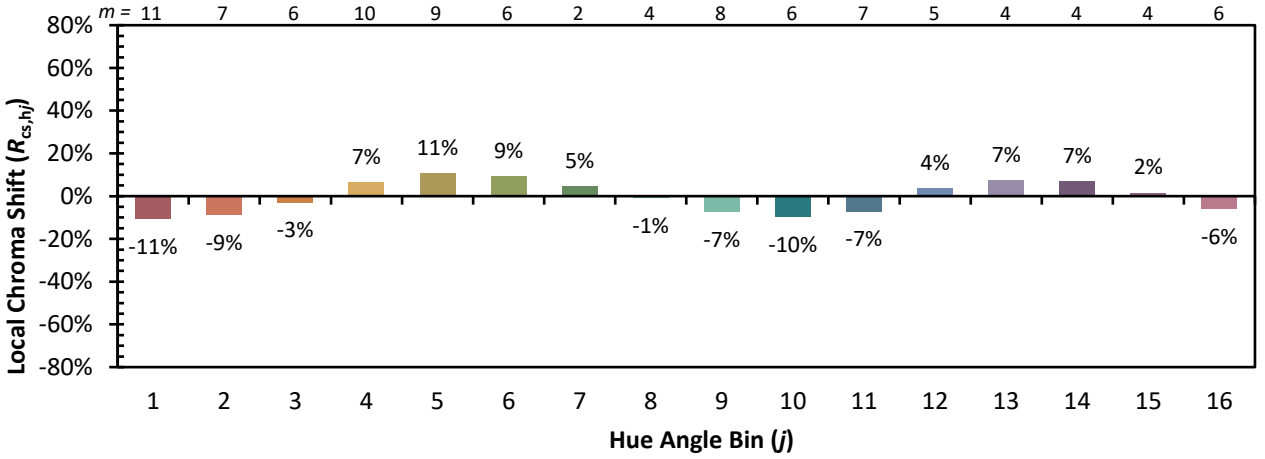
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

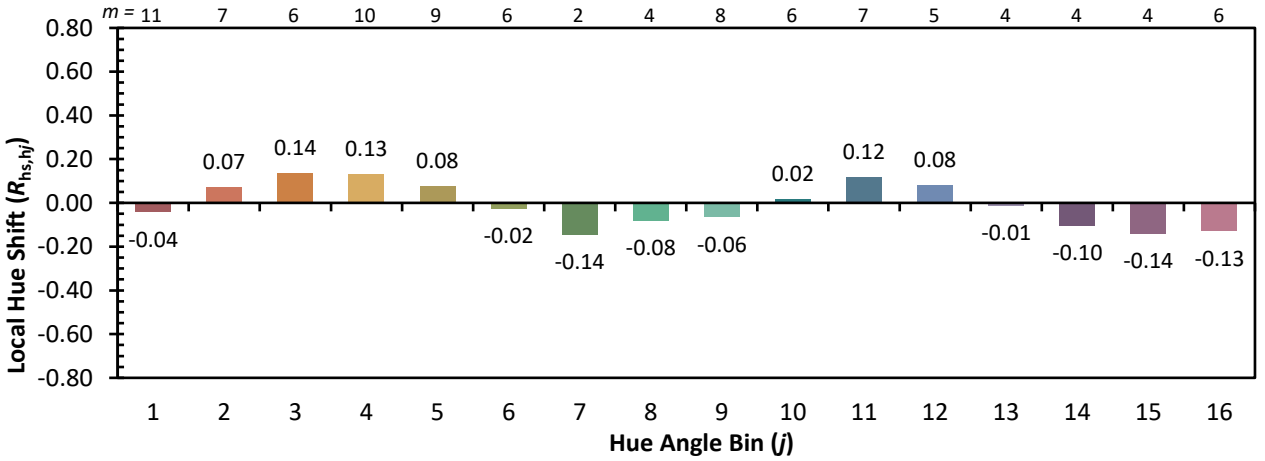


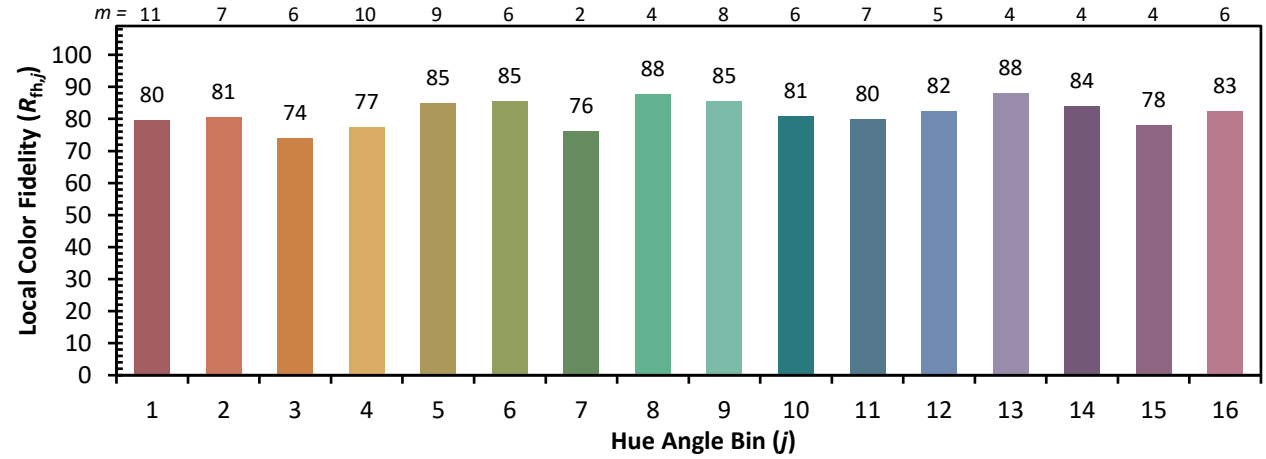
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Color Rendition by Hue-Angle Bin



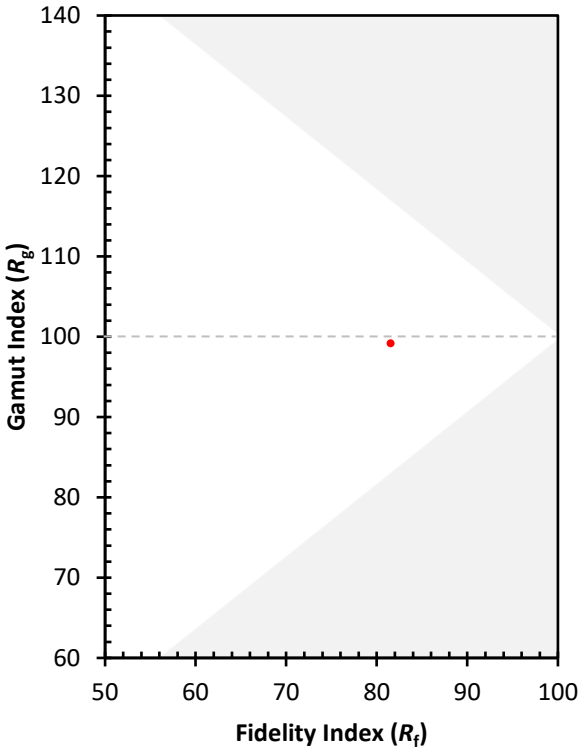


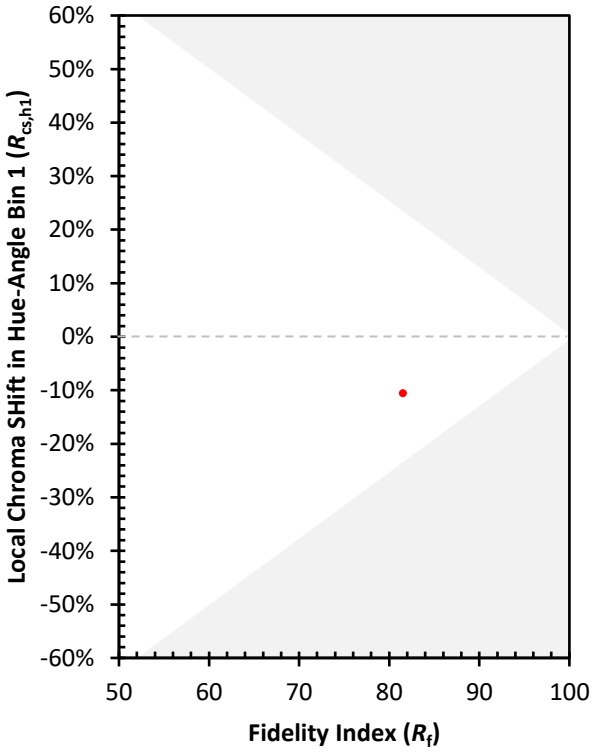


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Measure Comparisons





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