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: P1203119

Luminaire Tested: GWC-SB2B-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:	P1203119
	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-SB2B-830-U-T2
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10024 lumens
Efficiency:	N/A
Efficacy:	135.6 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):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

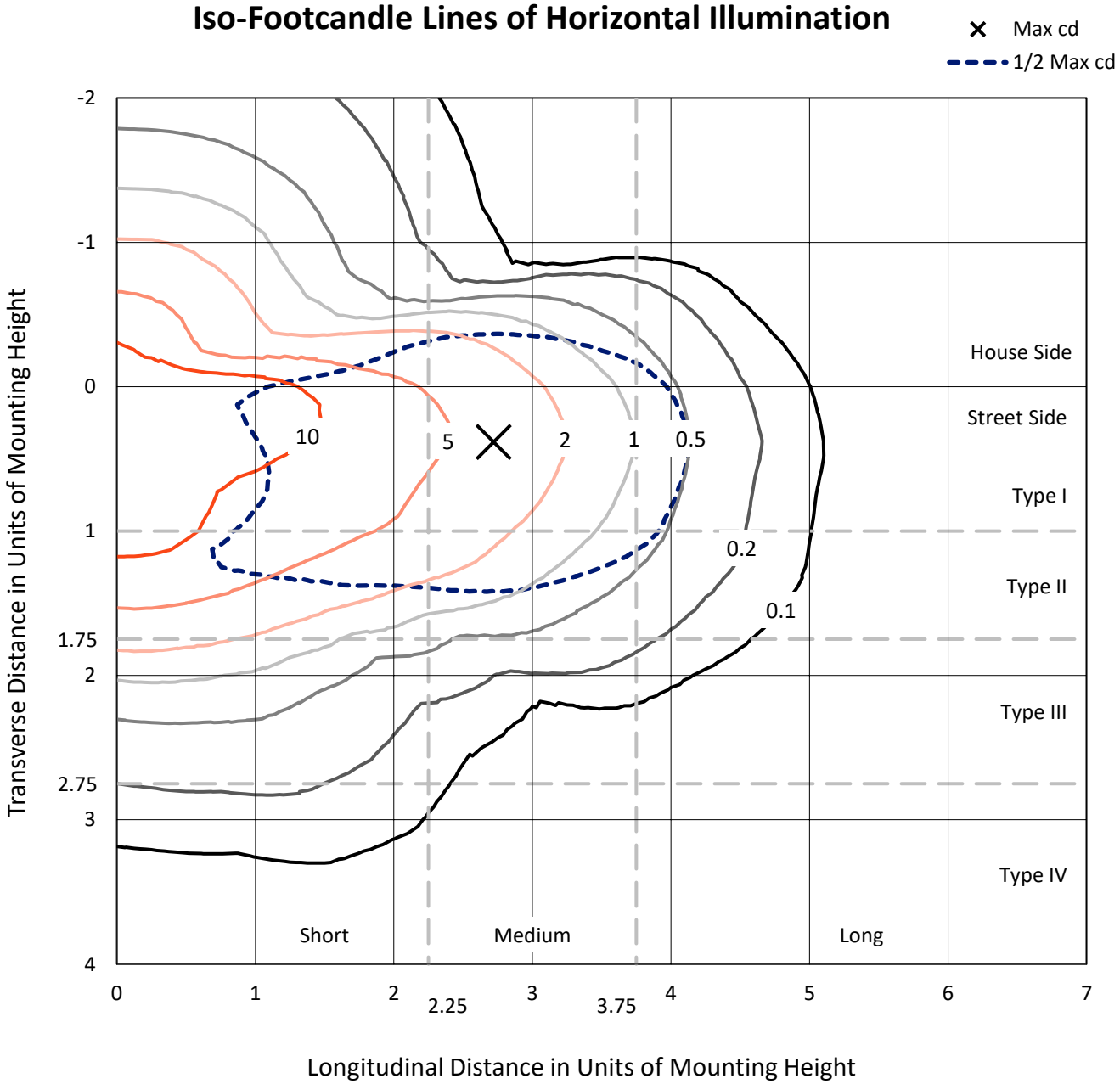


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Scaled Data Report

REPORT NUMBER: P1203119
CATALOG NUMBER: GWC-SB2B-830-U-T2

Iso-Footcandle Lines of Horizontal Illumination



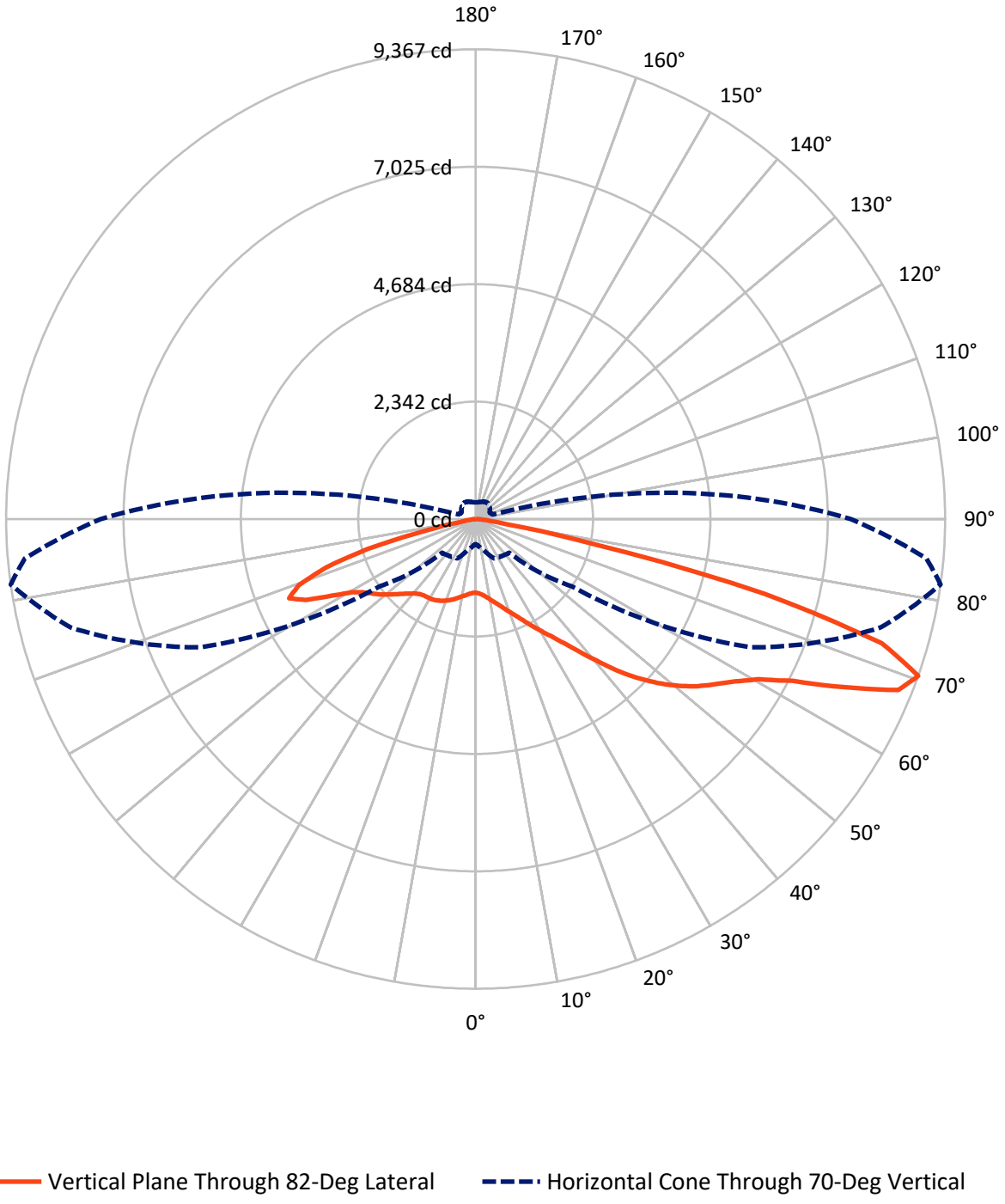
Based on 10 foot mounting height. Maximum calculated value = 16.2 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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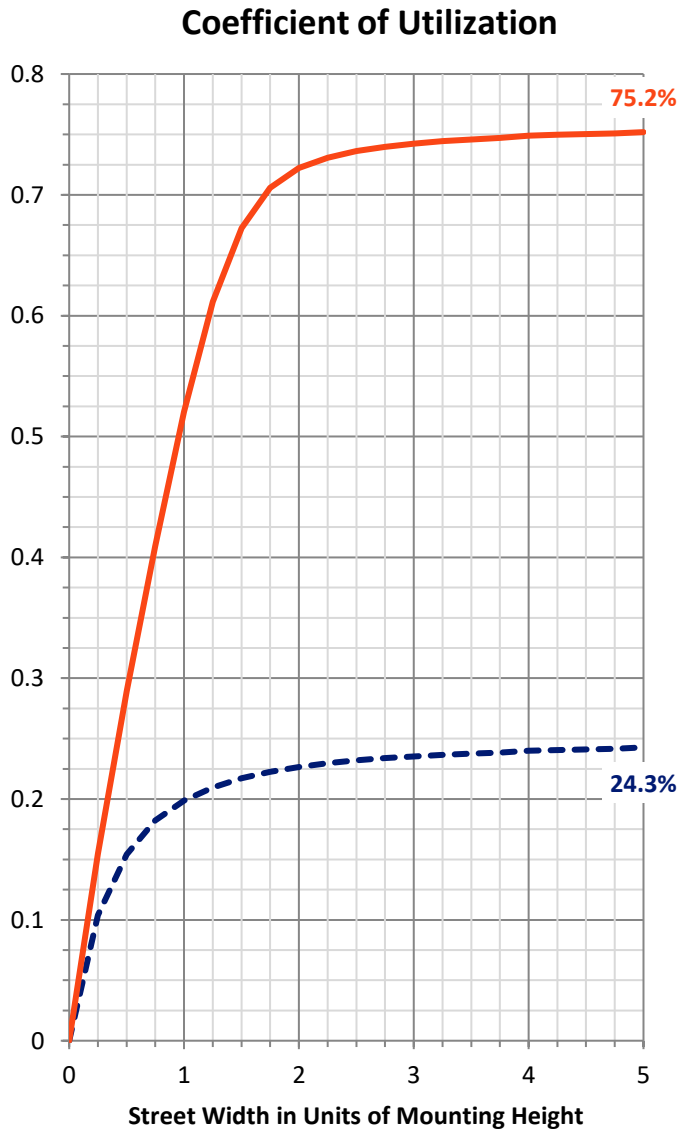
REPORT NUMBER: P1203119
CATALOG NUMBER: GWC-SB2B-830-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2471.2	0.0	2471.2
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	7552.8	0.0	7552.8
	% Fixture	75.3	0.0	75.3
Total	Lumens	10024.0	0.0	10024.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.8	1.4
10°-20°	398.7	4.0
20°-30°	666.9	6.7
30°-40°	1041.9	10.4
40°-50°	1659.4	16.6
50°-60°	2309.2	23.0
60°-70°	2415.5	24.1
70°-80°	1262.5	12.6
80°-90°	131.1	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°	10024.0	100.0
0°-180°	10024.0	100.0



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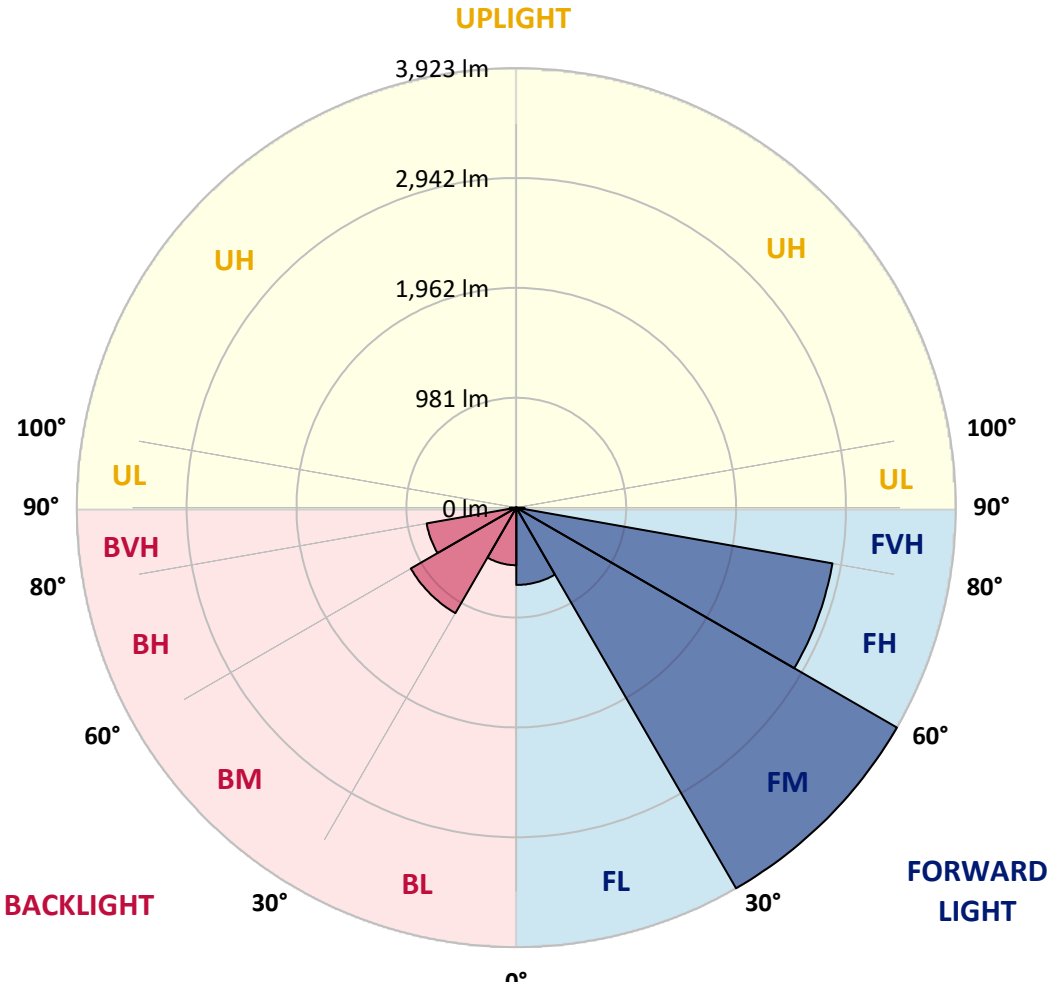
Scaled Data Report

REPORT NUMBER: P1203119
CATALOG NUMBER: GWC-SB2B-830-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	690.3	6.9			
FM	(30°-60°)	3923.3	39.1			
FH	(60°-80°)	2865.9	28.6			G2/5000
FVH	(80°-90°)	73.4	0.7			G1/100
BL	(0°-30°)	514.1	5.1	B2/1000		
BM	(30°-60°)	1087.2	10.8	B2/2500		
BH	(60°-80°)	812.1	8.1	B2/1000		G2/1000
BVH	(80°-90°)	57.7	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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Scaled Data Report

REPORT NUMBER: P1203119
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	*1469.6*	1469.6
2.5°	1504.7	1513.3	1510.6	1507.9	1507.9	1504.2	1503.7	1498.4	1494.1	*1487.2*	1485.6
5°	1523.9	1532.9	1531.9	1534.0	1540.9	1542.5	1544.1	1540.9	1532.4	*1523.9*	1520.2
7.5°	1506.9	1517.0	1520.2	1532.9	1554.2	1573.4	1587.7	1593.6	1585.6	*1573.4*	1567.5
10°	1449.4	1460.6	1471.8	1502.1	1539.9	1585.1	1623.4	1646.2	1644.6	*1632.9*	1622.8
12.5°	1332.9	1344.6	1368.6	1427.6	1496.8	1576.6	1647.8	1695.7	1712.2	*1703.7*	1686.1
15°	1239.9	1250.0	1268.1	1328.7	1418.6	1539.9	1656.9	1750.0	1792.0	*1787.2*	1765.9
17.5°	1237.2	1241.5	1252.6	1281.4	1350.5	1482.4	1647.3	1803.1	1883.5	*1882.9*	1856.3
20°	1284.0	1285.6	1292.0	1297.8	1337.2	1438.8	1622.8	1847.3	1986.1	*1986.1*	1957.4
22.5°	1348.9	1347.8	1354.2	1348.9	1368.1	1435.1	1607.4	1886.1	2100.5	*2109.0*	2072.8
25°	1446.2	1440.9	1439.3	1427.1	1430.8	1469.6	1624.4	1930.3	2236.1	*2253.7*	2208.5
27.5°	1576.0	1567.5	1561.7	1533.5	1523.9	1540.9	1676.6	1983.5	2387.2	*2417.5*	2360.0
30°	1745.2	1729.7	1721.2	1672.3	1637.7	1640.4	1755.3	2054.2	2545.1	*2594.1*	2521.2
32.5°	1976.0	1952.1	1929.2	1848.9	1785.6	1764.8	1856.9	2152.1	2716.4	*2794.6*	2701.0
35°	2234.5	2215.4	2190.9	2067.0	1969.6	1921.8	1994.1	2288.8	2916.9	*3040.9*	2919.1
37.5°	2483.4	2467.0	2478.7	2311.6	2186.1	2116.4	2173.9	2472.3	3164.3	*3347.3*	3192.5
40°	2740.9	2728.1	2729.7	2570.1	2423.9	2345.7	2392.0	2702.6	3447.8	*3711.6*	3521.2
42.5°	3020.7	3011.1	2979.2	2837.7	2673.3	2600.5	2643.0	2968.5	3752.0	*4126.5*	3881.8
45°	3334.0	3328.1	3298.3	3136.1	2947.8	2865.9	2923.3	3262.2	4057.9	*4516.9*	4244.0
47.5°	3604.7	3609.5	3605.8	3469.1	3273.9	3153.6	3222.3	3568.5	4342.4	*4883.9*	4591.4
50°	3735.0	3760.0	3796.7	3754.2	3632.9	3510.5	3523.8	3864.3	4613.7	*5228.1*	4924.3
52.5°	3666.9	3714.3	3814.3	3882.3	3929.2	3903.6	3868.0	4157.9	4869.0	*5538.7*	5239.2
55°	3413.2	3479.7	3645.7	3810.0	4048.8	4234.5	4281.3	4483.4	5118.0	*5812.1*	5537.1
57.5°	2951.0	3059.0	3207.9	3540.3	3942.5	4394.6	4763.2	4935.0	5381.8	*6104.1*	5848.8
60°	2158.5	2303.1	2488.2	2982.9	3570.1	4308.9	5173.3	5628.6	5756.8	*6482.3*	6254.6
62.5°	1381.3	1470.7	1640.9	2106.9	2781.8	3870.1	5298.8	6495.6	6392.4	*7102.5*	6863.1
65°	945.7	1003.2	1159.0	1420.7	1798.4	2880.8	4962.6	7145.6	7401.9	*8085.4*	7903.5
67.5°	687.2	730.8	863.8	1093.1	1171.8	1704.7	3851.0	7115.8	8383.3	*9098.2*	8815.2
70°	*501.1*	*531.9*	*643.6*	*863.8*	*901.6*	*948.4*	*2332.9*	*6048.8*	*8362.0*	*9367.3*	*9028.5*
72.5°	371.3	392.5	467.5	670.2	729.8	640.4	1154.8	4396.2	7185.5	*8472.7*	8200.9
75°	268.6	284.6	339.9	512.8	584.0	487.8	576.0	2569.1	5012.1	*5960.0*	6007.8
77.5°	205.3	217.5	253.7	375.5	467.5	365.9	357.4	1181.9	2376.5	*2388.2*	2522.3
80°	164.9	172.9	192.5	264.4	358.5	273.9	233.0	477.1	751.0	*635.6*	667.0
82.5°	121.3	134.6	162.8	185.6	256.4	188.8	142.0	241.0	285.6	*245.7*	247.9
85°	69.1	78.2	98.4	133.0	163.8	115.4	81.4	106.9	133.0	*109.0*	97.3
87.5°	24.5	31.9	34.6	52.1	71.3	47.9	31.4	30.9	43.6	*32.4*	27.1
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: P1203119
CATALOG NUMBER: GWC-SB2B-830-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6	1469.6
2.5°	1480.3	1477.6	1467.0	1452.6	1437.7	1423.4	1418.6	1408.5	1401.6	1397.8	1402.1
5°	1510.1	1501.6	1476.6	1444.6	1411.1	1375.0	1349.4	1326.0	1309.0	1293.1	1299.4
7.5°	1552.6	1537.7	1494.6	1438.8	1379.2	1319.1	1274.4	1240.4	1217.5	1202.6	1205.8
10°	1602.1	1579.2	1513.3	1429.8	1337.7	1251.6	1198.9	1169.7	1155.3	1147.3	1149.4
12.5°	1659.0	1626.6	1532.4	1409.0	1274.4	1176.0	1139.9	1131.4	1131.9	1132.4	1133.5
15°	1729.2	1684.0	1547.8	1363.8	1192.0	1118.1	1111.7	1125.5	1139.9	1146.8	1146.2
17.5°	1808.5	1744.6	1550.5	1289.3	1111.1	1080.8	1101.0	1130.8	1152.6	1162.2	1164.3
20°	1893.6	1806.3	1531.3	1184.0	1044.7	1050.5	1086.7	1125.0	1148.9	1161.1	1164.3
22.5°	1990.9	1872.3	1485.6	1073.4	990.4	1017.5	1060.1	1097.3	1122.3	1134.5	1137.7
25°	2102.1	1946.2	1413.8	980.3	943.6	980.3	1022.8	1053.7	1073.9	1085.1	1088.3
27.5°	2225.5	2023.4	1318.1	906.4	902.6	942.0	977.1	1001.0	1011.7	1020.2	1023.4
30°	2349.4	2093.6	1202.1	850.5	867.0	904.2	929.2	939.9	943.1	944.7	948.4
32.5°	2483.4	2154.2	1080.3	804.2	833.0	867.5	882.4	887.2	872.3	862.2	865.4
35°	2645.7	2219.1	961.1	767.5	799.4	829.2	834.0	829.8	812.2	791.5	792.5
37.5°	2846.2	2299.9	865.9	741.5	768.1	787.7	781.9	780.8	782.4	758.0	759.6
40°	3091.9	2405.3	796.3	721.3	742.5	746.8	730.3	739.3	747.3	710.1	711.2
42.5°	3364.8	2532.4	752.1	707.4	721.3	711.2	685.6	695.7	694.7	645.7	645.2
45°	3643.0	2670.7	736.7	697.3	701.6	681.4	653.2	655.8	633.5	589.3	590.9
47.5°	3919.6	2819.1	746.3	688.8	677.1	654.2	632.4	620.7	587.8	554.8	554.8
50°	4190.9	2974.9	781.4	671.8	643.6	630.3	614.3	593.6	558.5	530.3	528.2
52.5°	4442.4	3131.8	820.7	643.6	601.6	609.6	599.5	575.5	540.9	512.2	512.8
55°	4680.7	3288.7	836.1	604.8	562.2	591.5	585.6	541.5	500.0	476.6	474.5
57.5°	4940.3	3477.6	819.1	555.3	530.3	570.7	548.4	499.5	475.5	458.0	456.4
60°	5299.9	3773.8	782.4	494.1	500.0	539.9	501.6	481.4	455.3	435.6	434.6
62.5°	5897.2	4326.5	723.4	433.5	464.3	494.1	479.2	459.0	432.4	413.3	413.3
65°	6780.1	5094.6	612.2	386.2	424.5	449.5	455.3	435.1	407.4	387.2	388.3
67.5°	7524.8	5576.5	463.3	346.8	383.5	413.3	429.8	410.1	380.8	361.2	361.7
70°	*7483.9*	*5226.5*	*353.7*	*308.0*	*347.3*	*377.7*	*398.9*	*383.5*	*352.1*	*333.5*	*335.1*
72.5°	6647.2	4372.2	286.2	268.6	310.6	340.4	365.9	354.2	322.3	304.2	304.2
75°	4883.4	3103.6	228.7	228.7	264.9	301.6	329.8	322.3	293.1	280.3	276.6
77.5°	2058.5	1302.1	179.3	189.9	220.2	259.0	294.1	296.8	271.3	287.2	260.6
80°	547.3	359.0	136.7	149.5	172.9	213.8	255.8	254.8	227.1	212.2	197.3
82.5°	208.5	141.5	97.3	105.3	125.0	163.8	202.7	209.0	181.4	156.9	156.9
85°	80.3	60.6	60.1	63.3	72.9	108.5	153.2	158.5	136.7	116.0	119.7
87.5°	20.7	18.1	22.3	21.3	33.5	58.0	87.8	91.0	83.5	48.4	69.1
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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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

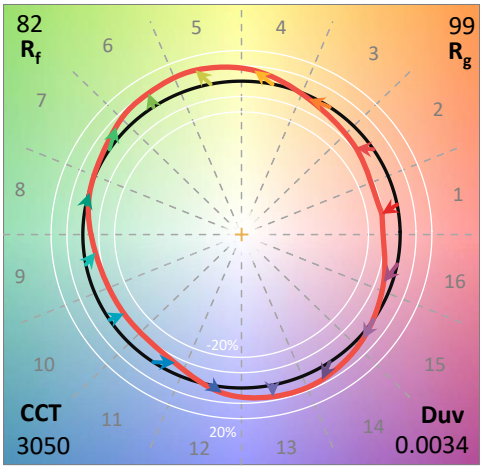
Test Information

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

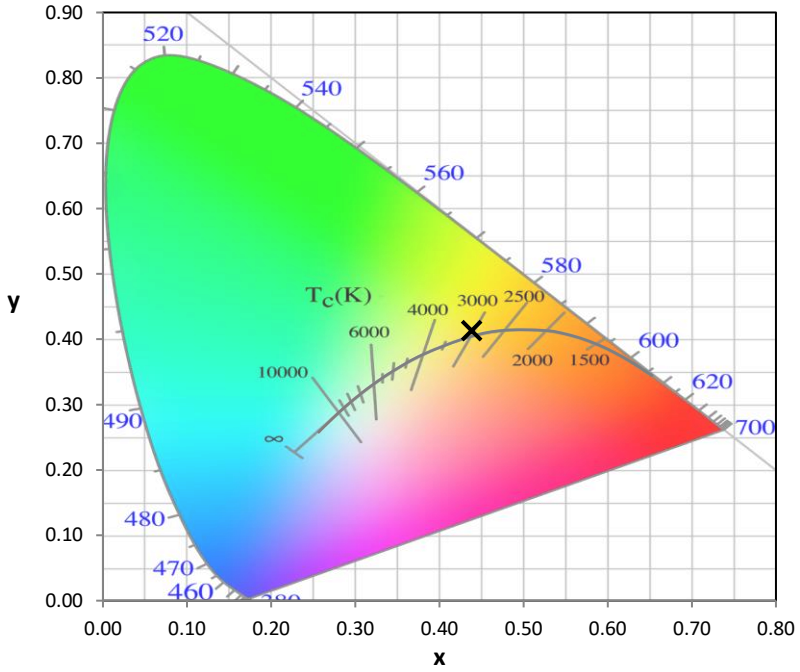
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

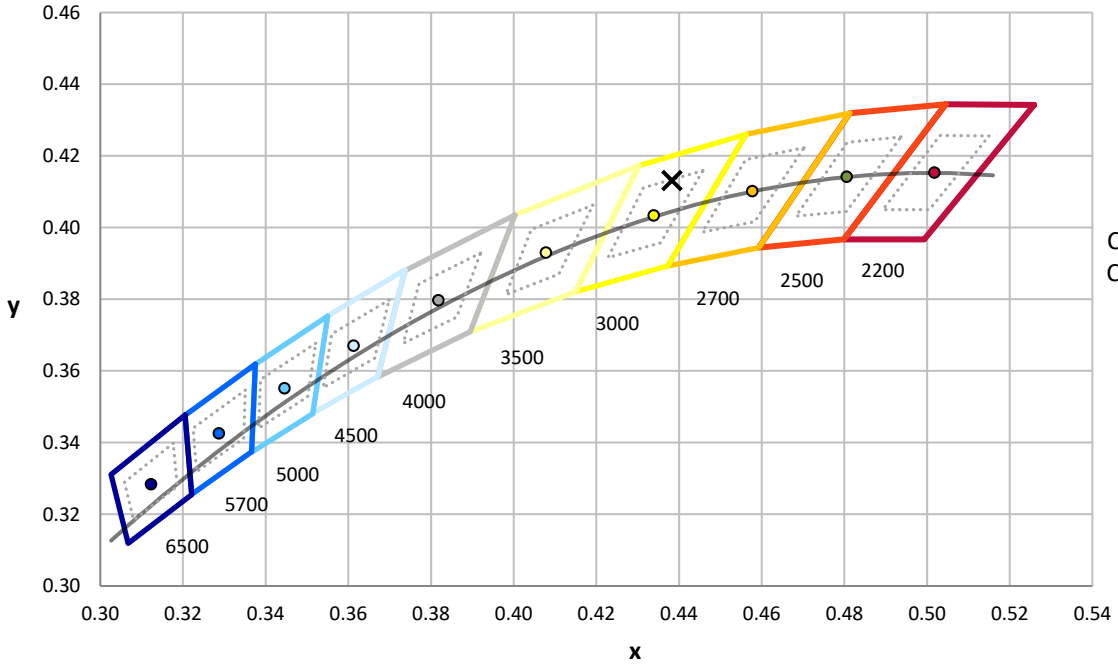
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

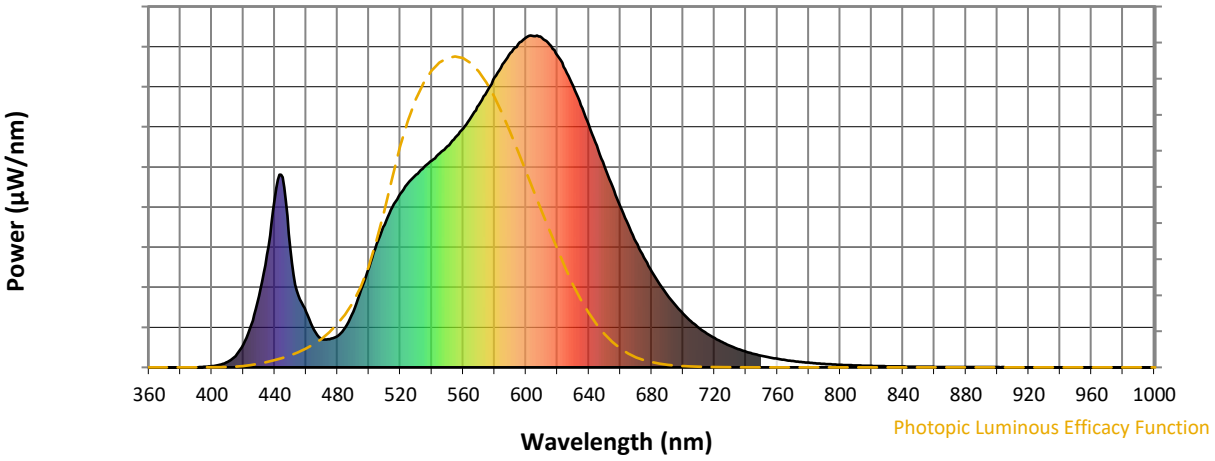


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

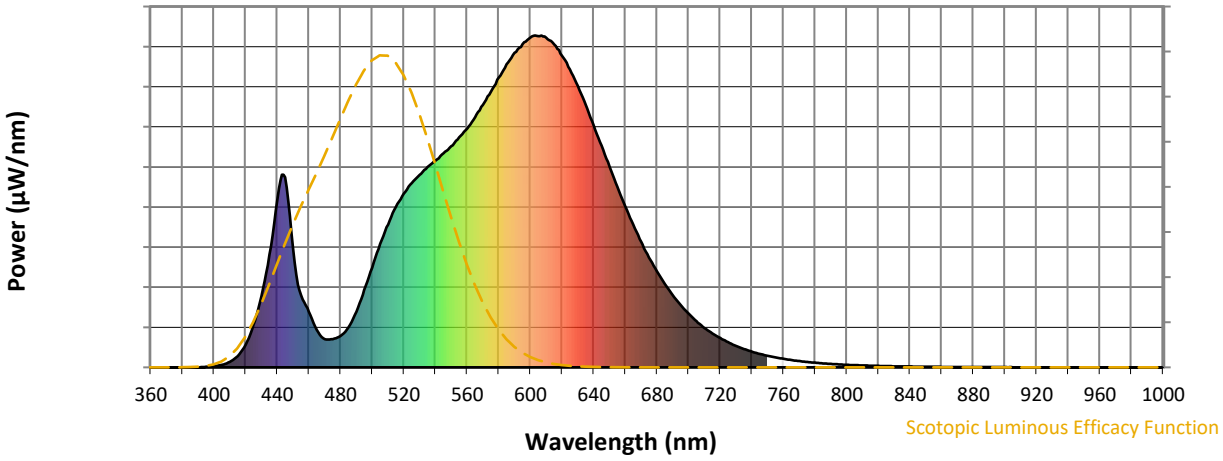


Photopic Lumens: NR

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

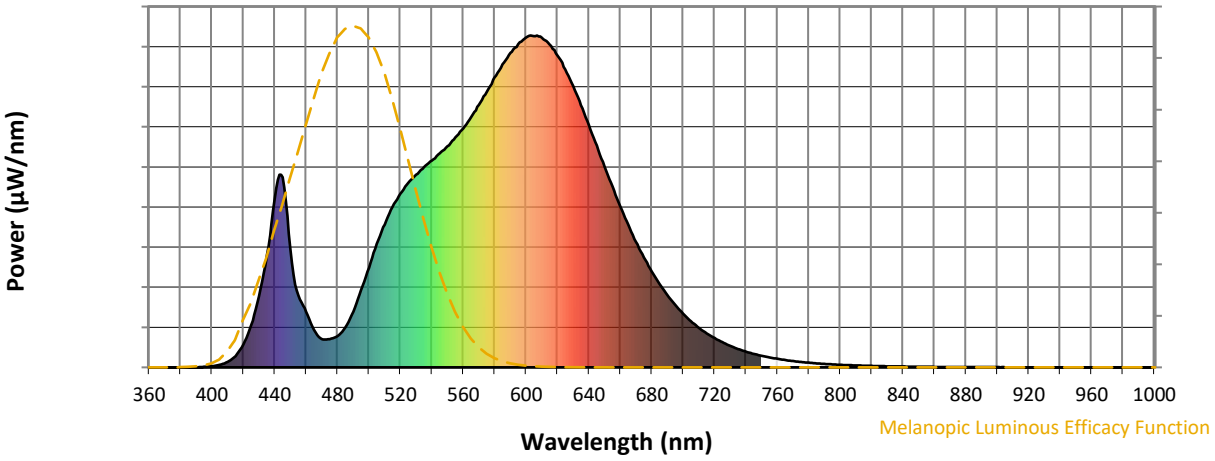


Scotopic Lumens: NR **S/P: 1.27**

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			

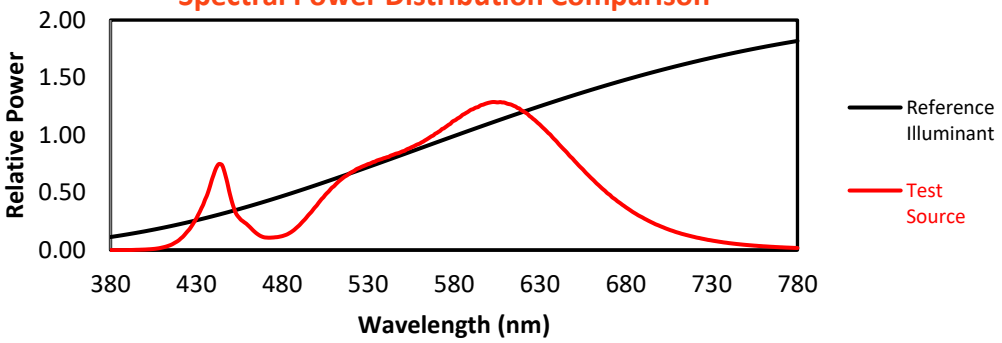
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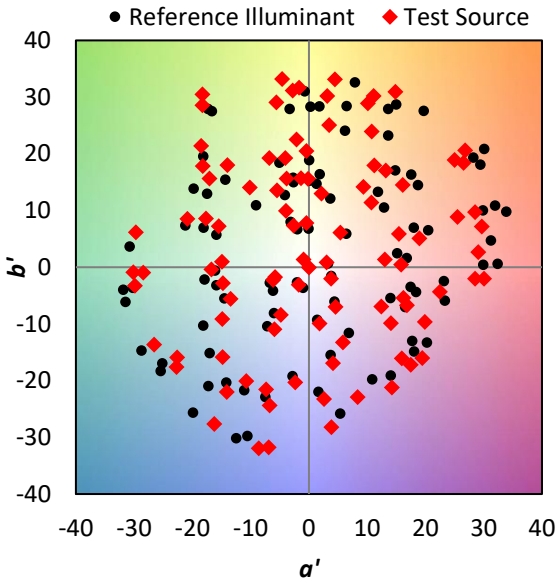
Summary

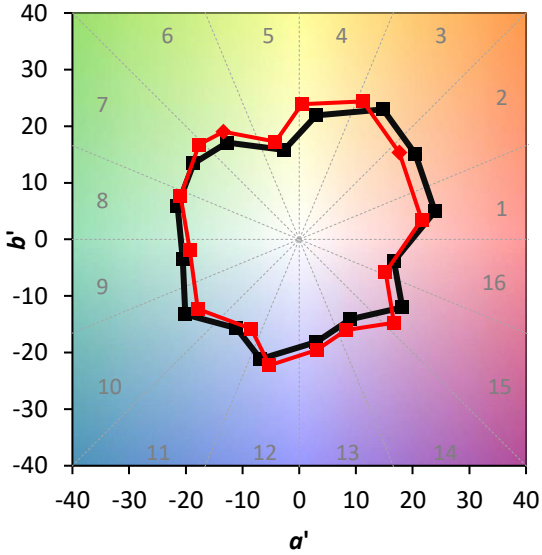
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

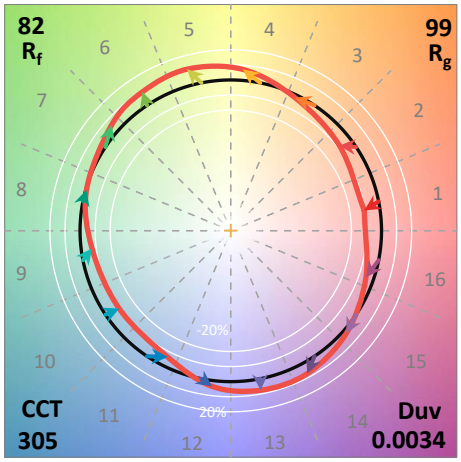
Spectral Power Distribution Comparison

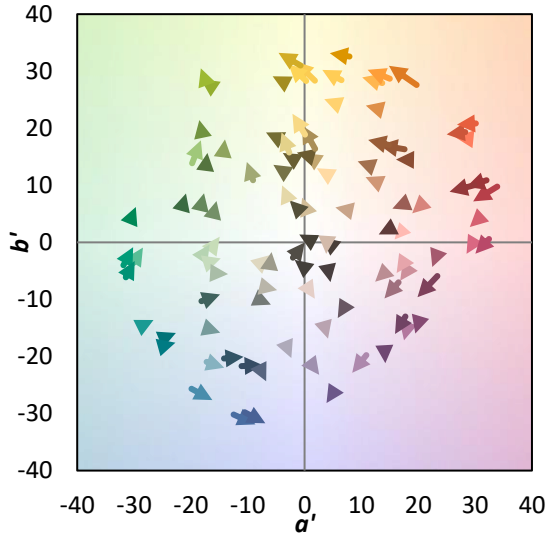


Color Vector Graphics







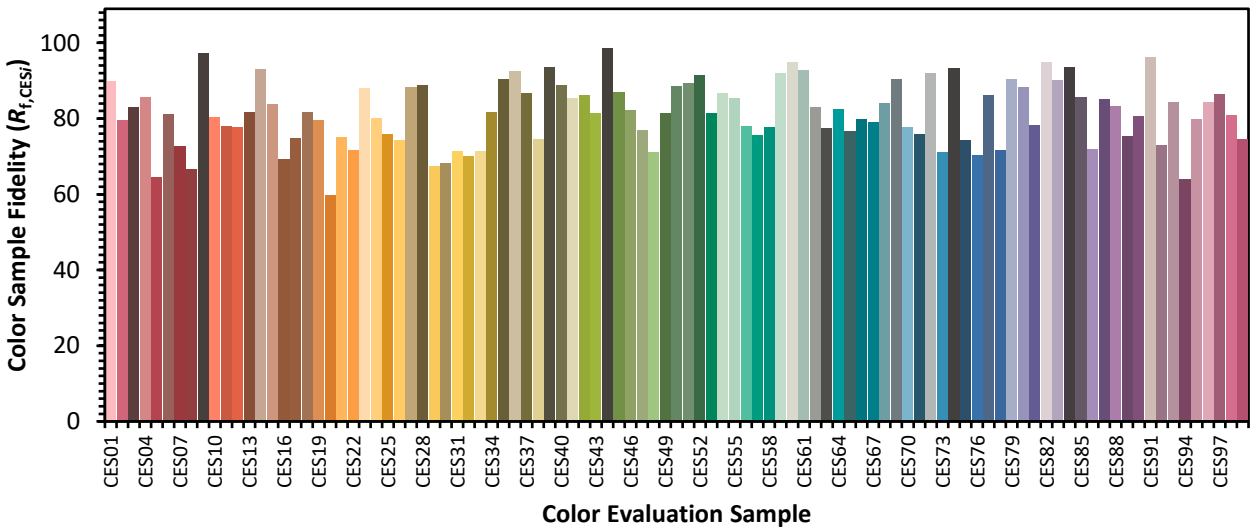


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Individual Sample Fidelity Index ($R_{f,i}$)

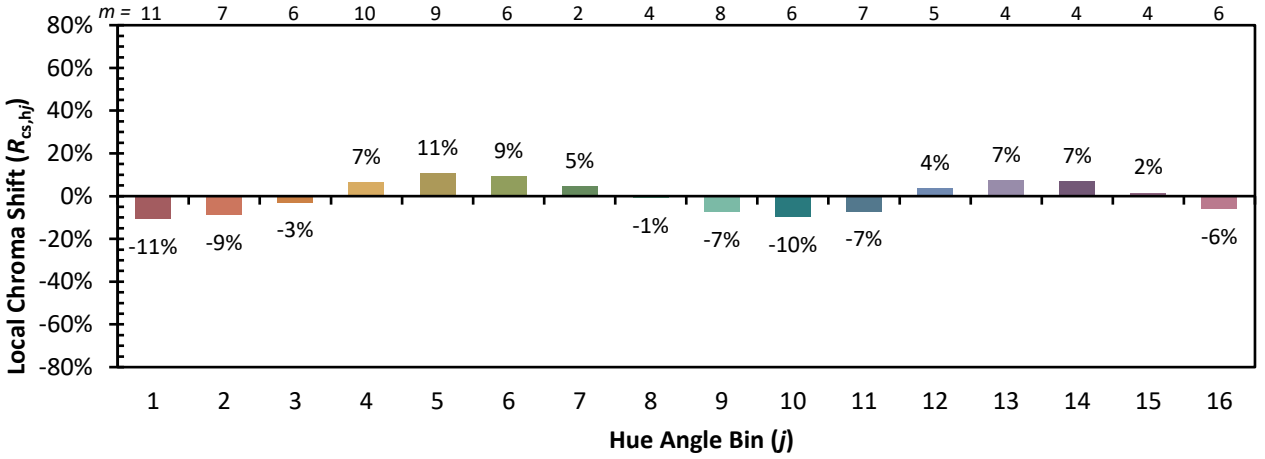
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

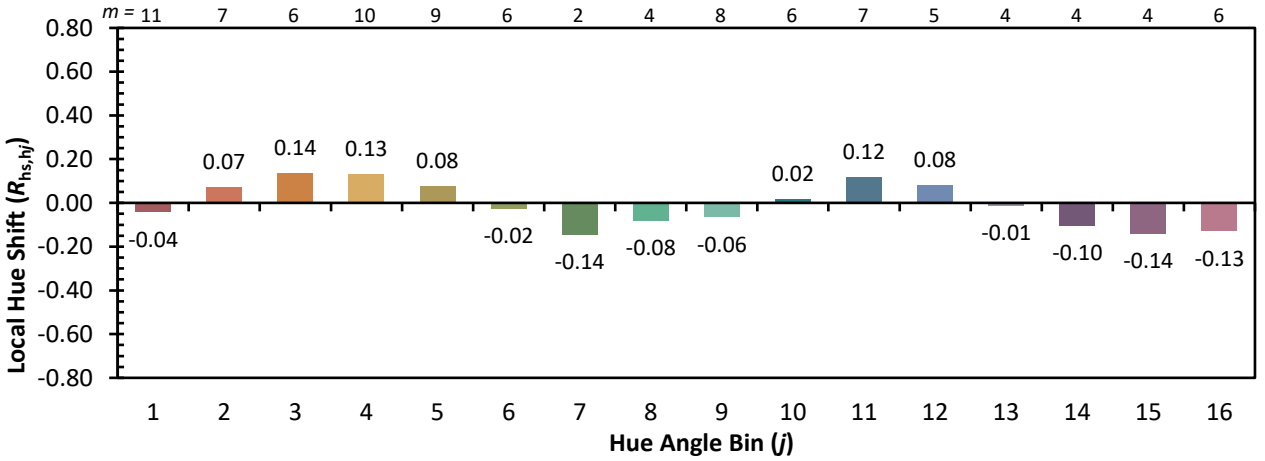


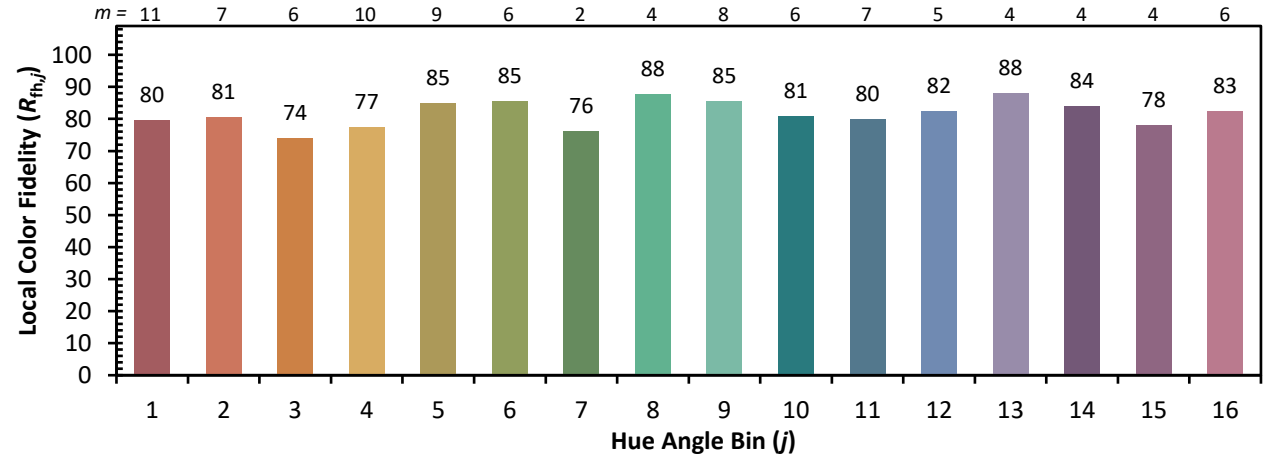
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Color Rendition by Hue-Angle Bin



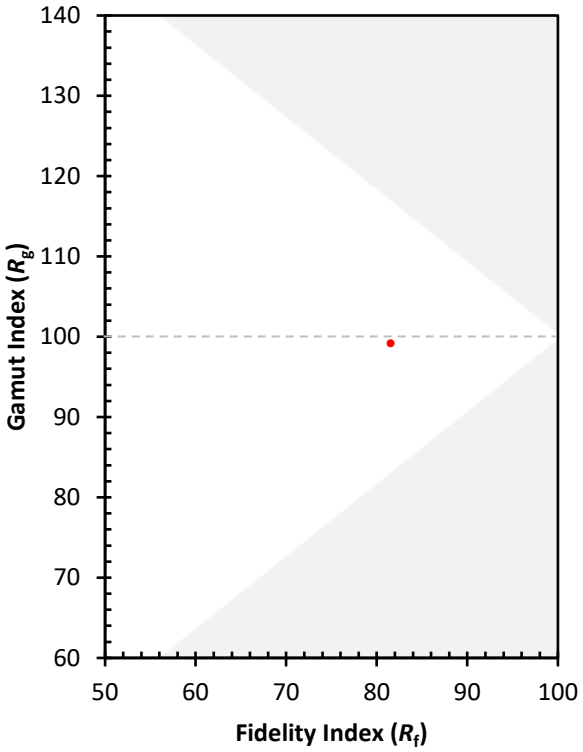


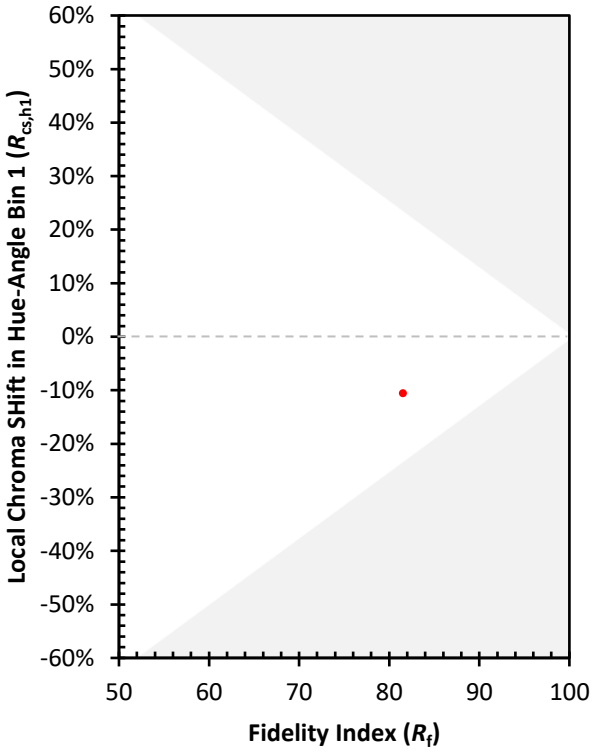


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Measure Comparisons





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