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: P1202734

Luminaire Tested: GWC-SB2A-830-U-SL2-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:	P1202734
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2A-830-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6532 lumens
Efficiency:	N/A
Efficacy:	114.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

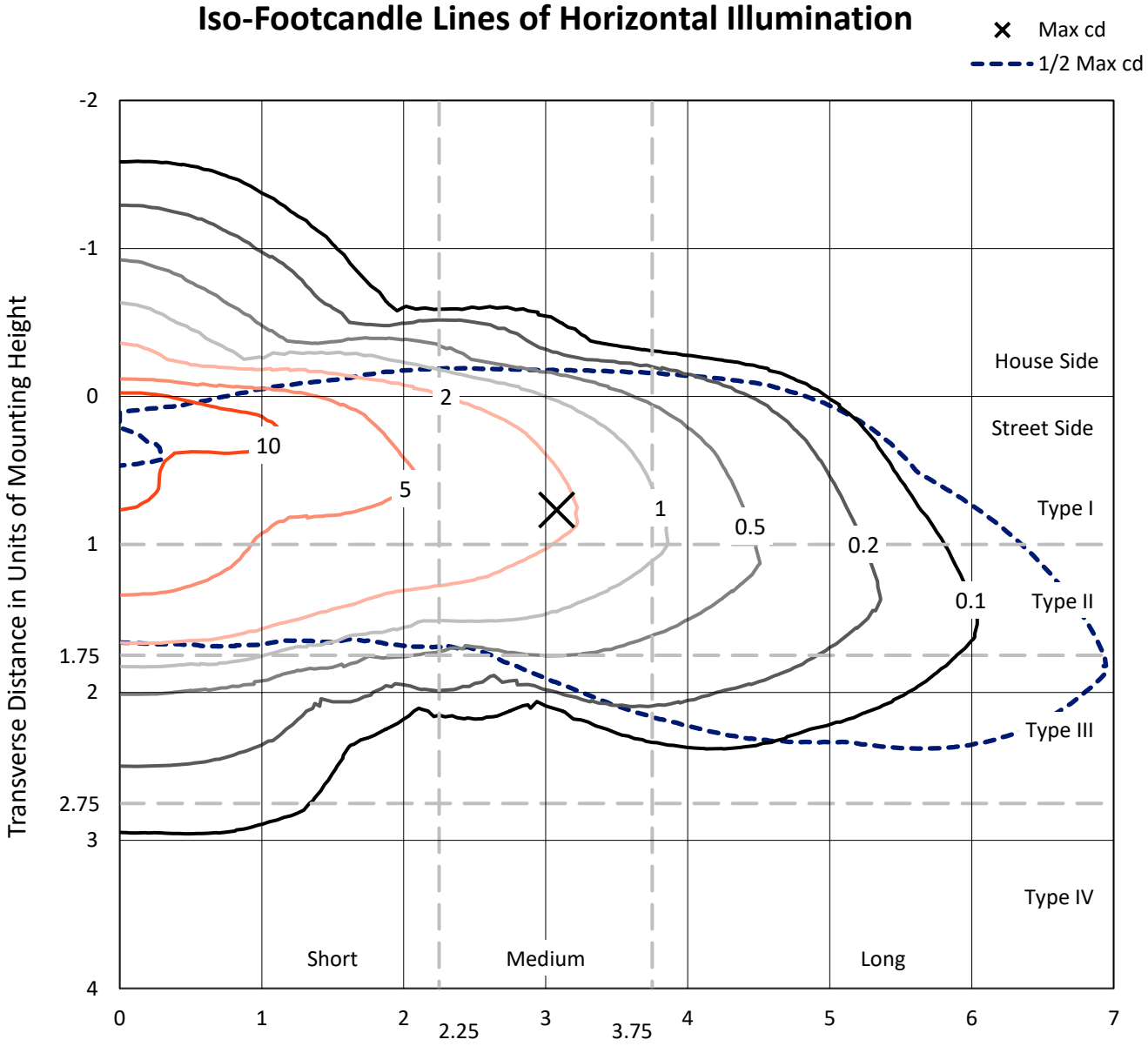


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Scaled Data Report

REPORT NUMBER: P1202734
CATALOG NUMBER: GWC-SB2A-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



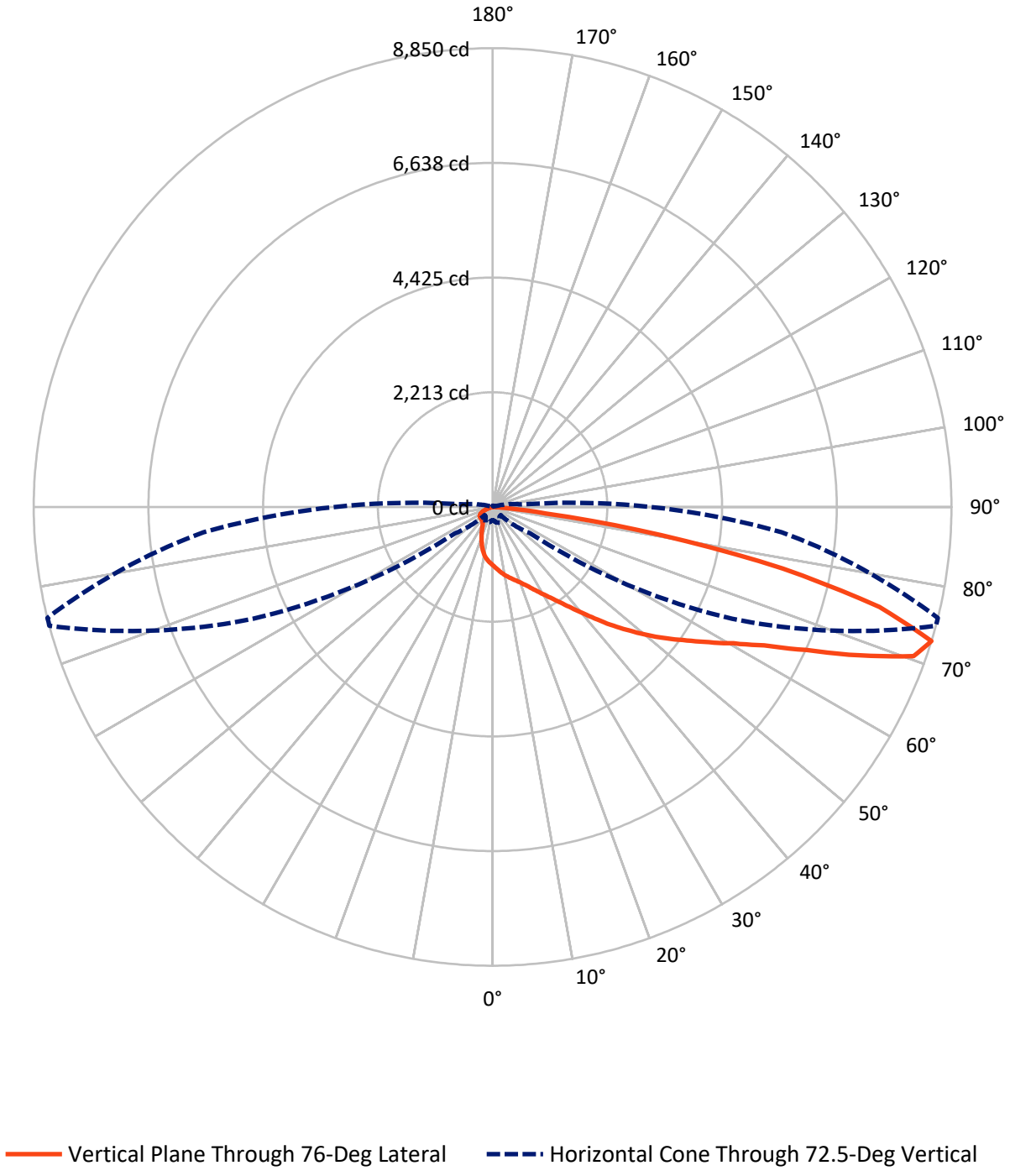
Based on 10 foot mounting height. Maximum calculated value = 9.7 fc
Type II - Medium - N/A

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Scaled Data Report

REPORT NUMBER: P1202734
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Luminous Intensity Polar Plot



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Scaled Data Report

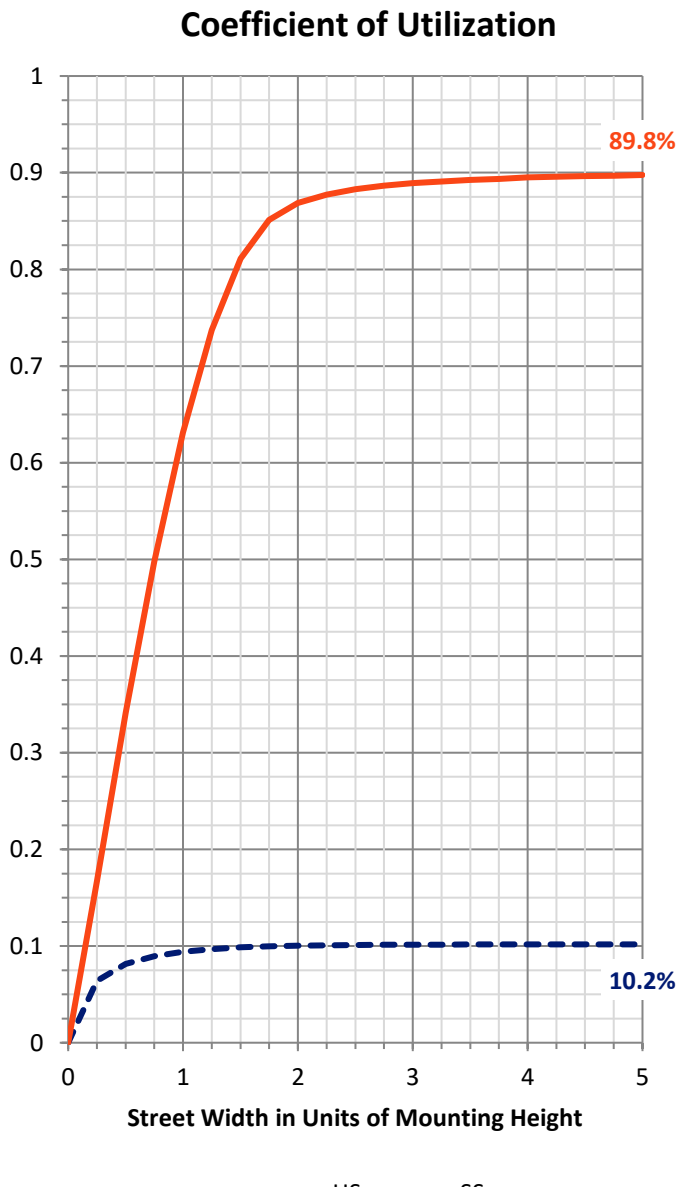
REPORT NUMBER: P1202734
CATALOG NUMBER: GWC-SB2A-830-U-SL2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	668.5	0.0	668.5
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	5863.4	0.0	5863.4
	% Fixture	89.8	0.0	89.8
Total	Lumens	6532.0	0.0	6532.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.7	1.6
10°-20°	275.3	4.2
20°-30°	435.7	6.7
30°-40°	674.1	10.3
40°-50°	1023.8	15.7
50°-60°	1411.4	21.6
60°-70°	1491.1	22.8
70°-80°	1022.9	15.7
80°-90°	95.2	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°	6532.0	100.0
0°-180°	6532.0	100.0



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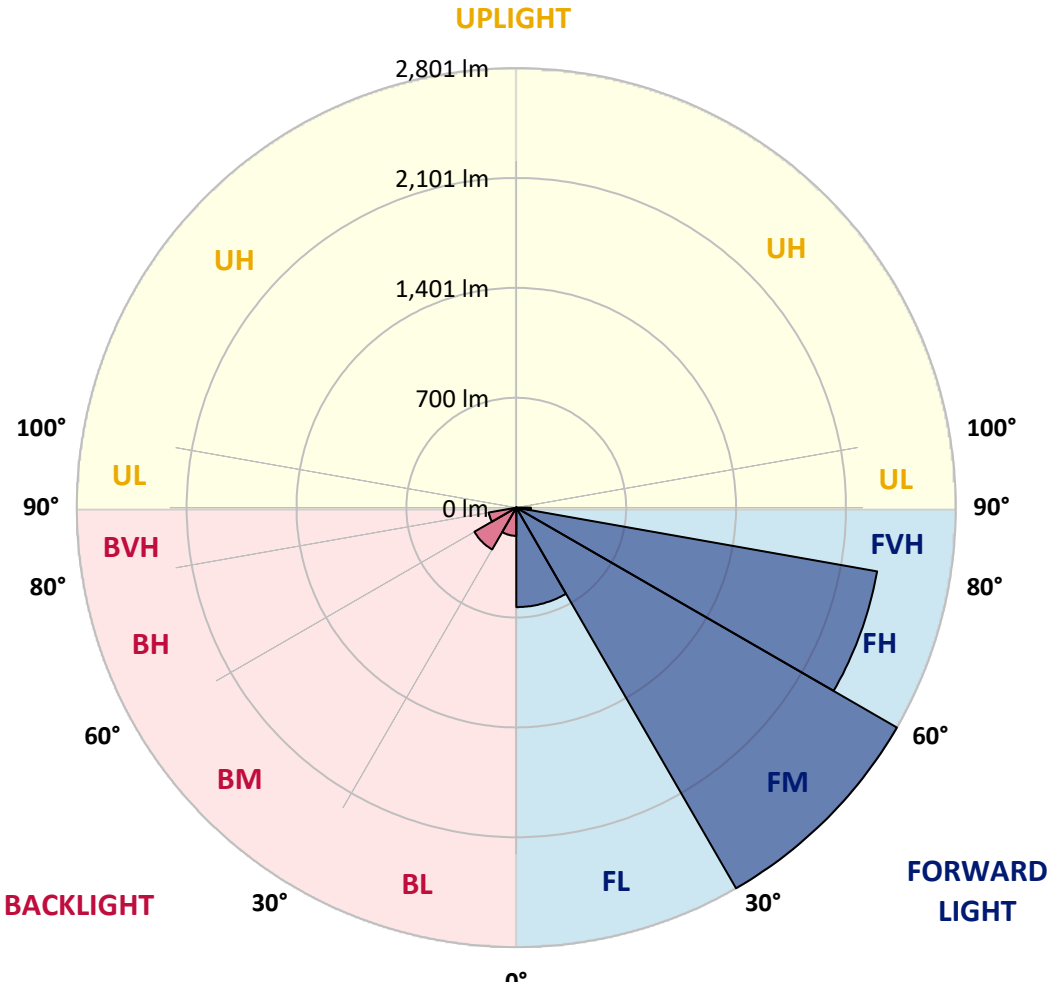
Scaled Data Report

REPORT NUMBER: P1202734
CATALOG NUMBER: GWC-SB2A-830-U-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	633.9	9.7			
FM	(30°-60°)	2801.4	42.9			
FH	(60°-80°)	2335.5	35.8			G2/5000
FVH	(80°-90°)	92.6	1.4			G1/100
BL	(0°-30°)	179.7	2.8	B1/500		
BM	(30°-60°)	307.8	4.7	B1/1000		
BH	(60°-80°)	178.5	2.7	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 II Medium



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REPORT NUMBER: P1202734
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	*1128.8*	1128.8
2.5°	1312.3	1294.9	1298.3	1280.9	1272.9	1253.4	1233.0	1206.3	1176.7	*1176.7*	1147.9
5°	1450.4	1439.4	1439.4	1419.0	1403.4	1372.8	1336.4	1289.4	1233.4	*1227.9*	1173.3
7.5°	1535.1	1528.4	1532.6	1520.7	1508.0	1476.2	1433.0	1371.6	1292.3	*1285.6*	1203.4
10°	1551.7	1551.2	1563.1	1566.5	1575.0	1558.9	1520.3	1449.5	1350.4	*1340.6*	1229.2
12.5°	1487.7	1479.6	1508.9	1543.2	1591.5	1613.1	1593.2	1520.7	1403.4	*1389.8*	1253.4
15°	1382.6	1384.3	1412.3	1465.2	1545.7	1622.8	1648.7	1590.2	1457.2	*1441.1*	1276.2
17.5°	1322.4	1316.1	1340.2	1387.7	1476.7	1585.6	1674.5	1655.0	1514.4	*1496.2*	1299.5
20°	1315.2	1314.8	1320.3	1341.9	1409.7	1532.2	1671.6	1718.2	1581.7	*1560.6*	1333.0
22.5°	1365.2	1364.4	1359.7	1355.5	1374.1	1480.0	1658.9	1778.3	1662.2	*1639.4*	1380.5
25°	1441.9	1440.6	1433.4	1407.6	1389.4	1452.1	1647.0	1834.3	1757.6	*1732.2*	1438.1
27.5°	1535.6	1534.7	1521.6	1482.6	1435.6	1454.6	1641.1	1891.9	1867.8	*1842.8*	1504.6
30°	1650.4	1648.7	1621.6	1566.5	1505.0	1494.9	1649.1	1956.7	1982.6	*1963.5*	1581.3
32.5°	1794.4	1789.8	1754.2	1671.1	1585.1	1548.7	1664.4	2023.3	2118.6	*2100.8*	1683.9
35°	1905.9	1898.7	1877.9	1804.6	1677.9	1614.8	1700.0	2102.1	2282.1	*2266.5*	1814.8
37.5°	2001.6	1994.4	1977.5	1917.3	1811.0	1699.1	1757.2	2207.2	2475.4	*2467.7*	1974.5
40°	2105.0	2093.2	2085.1	2020.7	1924.5	1820.7	1838.9	2330.0	2697.8	*2698.7*	2166.5
42.5°	2184.7	2180.0	2180.9	2131.3	2034.3	1964.8	1947.4	2468.6	2964.3	*2972.4*	2397.4
45°	2252.9	2249.1	2264.8	2230.0	2144.9	2059.3	2074.5	2625.4	3255.9	*3272.4*	2655.9
47.5°	2305.5	2309.7	2332.1	2309.7	2259.7	2125.8	2187.2	2794.4	3562.2	*3564.3*	2922.8
50°	2358.0	2359.7	2397.0	2386.0	2365.6	2210.1	2291.0	2983.4	3885.1	*3888.9*	3172.4
52.5°	2374.5	2372.0	2431.3	2458.4	2459.3	2314.4	2425.4	3189.3	4201.6	*4213.9*	3429.2
55°	2289.8	2297.0	2392.7	2502.9	2546.5	2458.4	2606.7	3449.9	4538.9	*4544.0*	3683.4
57.5°	1875.4	1915.2	2127.1	2382.6	2602.9	2664.8	2867.3	3754.6	4928.3	*4923.6*	3941.0
60°	1138.1	1185.6	1438.9	1998.3	2419.0	2872.0	3251.2	4226.6	5353.7	*5340.5*	4201.6
62.5°	636.4	650.8	731.8	1196.2	1839.8	2740.2	3626.2	4832.9	5924.9	*5880.4*	4457.9
65°	469.1	473.7	492.8	586.0	904.2	2107.6	3544.0	5557.9	6727.4	*6648.1*	4765.1
67.5°	407.6	412.3	430.9	443.6	403.8	1107.2	2919.8	5960.0	7746.4	*7642.6*	5180.8
70°	343.2	345.8	375.8	384.3	289.0	421.2	1875.8	5835.9	8689.6	*8615.5*	5627.0
72.5°	*255.9*	*266.1*	*309.7*	*330.1*	*231.8*	*223.7*	*883.0*	*5102.4*	*8849.4*	*8850.2*	*5596.9*
75°	173.7	183.0	233.0	271.6	178.8	156.8	356.3	3810.1	7705.7	*7705.7*	4906.2
77.5°	118.6	126.3	162.3	213.1	135.6	107.6	184.7	2418.2	5528.3	*5722.7*	3496.9
80°	52.5	57.2	104.7	154.7	103.0	69.5	104.7	1324.1	3343.1	*3302.0*	1370.7
82.5°	25.8	29.7	66.9	96.6	66.5	42.8	55.1	629.6	1083.4	*1029.6*	214.0
85°	5.1	6.8	36.0	41.1	30.9	19.1	20.8	193.6	130.5	*149.1*	45.3
87.5°	0.0	0.0	11.0	7.6	3.4	4.2	4.2	17.4	10.2	*11.9*	11.9
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: P1202734
CATALOG NUMBER: GWC-SB2A-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8
2.5°	1132.6	1116.9	1082.6	1048.7	1014.0	982.2	960.1	938.1	924.6	918.6	919.5
5°	1141.5	1109.7	1037.7	962.3	887.7	814.8	760.2	708.9	692.8	666.1	667.8
7.5°	1155.5	1103.8	990.2	863.1	741.9	635.2	558.0	496.6	472.0	448.3	447.9
10°	1164.8	1092.8	927.5	757.6	593.6	473.7	400.0	355.5	339.4	325.0	324.6
12.5°	1168.6	1072.4	855.5	639.4	461.9	361.0	316.9	296.2	290.7	285.6	285.6
15°	1172.0	1052.5	775.0	525.4	364.8	302.1	284.7	278.0	274.1	270.8	270.8
17.5°	1175.0	1027.1	683.0	427.1	308.0	278.4	269.9	262.7	259.7	255.9	255.9
20°	1185.1	1002.5	600.8	352.5	277.1	261.4	252.1	244.5	241.9	239.4	239.8
22.5°	1204.2	982.6	521.2	302.1	258.5	244.1	232.2	223.7	222.0	220.3	219.1
25°	1227.1	958.0	446.2	269.5	240.2	224.1	211.0	203.8	202.1	202.5	201.7
27.5°	1256.3	930.9	381.8	248.7	224.1	205.5	190.7	185.2	186.0	187.7	186.9
30°	1288.5	905.9	331.3	234.3	209.7	189.0	174.1	170.3	173.3	175.8	175.0
32.5°	1336.4	883.9	296.2	222.9	197.0	175.4	163.6	158.9	162.3	165.7	164.8
35°	1401.7	872.9	276.3	213.1	186.0	164.8	153.0	149.6	153.0	153.8	153.4
37.5°	1481.7	872.0	267.8	205.1	175.8	155.9	142.8	141.5	144.1	144.5	143.6
40°	1585.1	877.5	261.4	199.1	165.3	145.8	133.5	132.2	133.0	136.0	135.6
42.5°	1716.1	900.4	252.5	191.5	153.8	135.6	125.8	122.9	122.5	125.8	125.4
45°	1880.5	950.8	240.7	179.2	143.6	127.1	117.4	114.0	112.7	113.6	114.8
47.5°	2059.7	1012.7	228.8	167.8	136.4	120.3	110.6	106.4	104.2	104.2	104.2
50°	2233.4	1082.6	220.8	155.9	131.4	114.0	103.4	99.2	95.8	94.9	94.5
52.5°	2405.5	1151.2	214.4	144.1	125.4	105.9	96.6	91.9	88.1	86.4	85.6
55°	2562.2	1216.5	203.4	132.6	117.8	97.5	89.8	85.2	80.5	77.5	76.3
57.5°	2712.6	1270.7	183.0	120.8	105.9	89.4	82.6	77.5	72.0	68.2	66.5
60°	2849.5	1298.7	157.6	108.0	94.1	80.9	74.6	69.9	62.7	56.4	54.7
62.5°	2953.7	1287.7	130.1	93.6	81.8	73.3	65.3	60.6	52.1	44.5	41.5
65°	3060.5	1227.5	103.8	78.4	71.6	63.1	54.7	50.0	40.3	32.2	30.1
67.5°	3199.1	1099.1	81.8	65.3	61.9	50.0	42.8	39.8	33.1	25.4	23.7
70°	3288.1	853.8	63.6	53.0	50.8	36.4	33.1	32.6	26.3	19.5	17.4
72.5°	*3044.0*	*559.7*	*48.7*	*40.3*	*36.4*	*23.7*	*25.4*	*25.4*	*19.1*	*13.1*	*11.4*
75°	2541.0	327.5	35.2	28.8	20.8	15.3	17.4	17.4	11.9	6.4	5.1
77.5°	1814.8	174.6	23.3	17.8	10.6	6.8	9.3	8.9	3.8	0.4	0.0
80°	694.1	60.2	11.0	7.2	3.0	1.3	0.8	0.4	0.4	0.0	0.0
82.5°	105.9	15.7	2.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	19.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	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

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

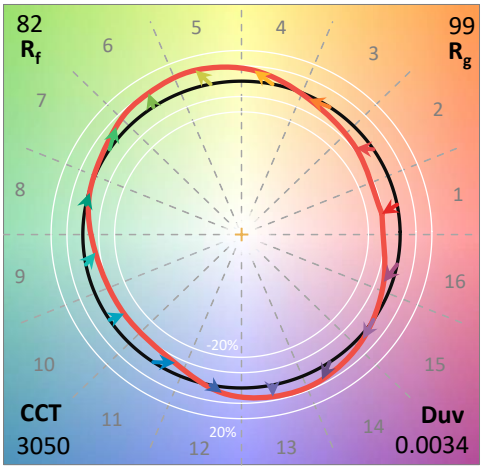
Test Information

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

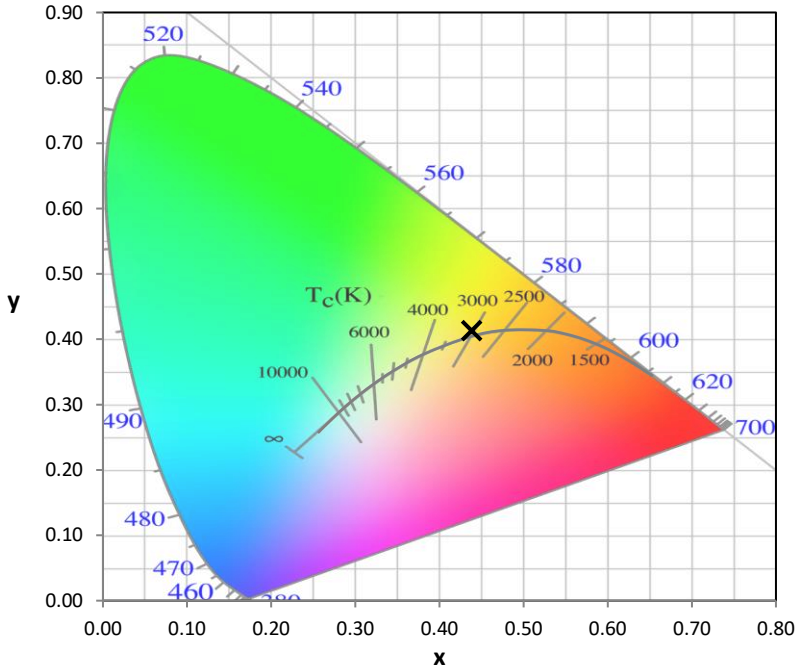
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

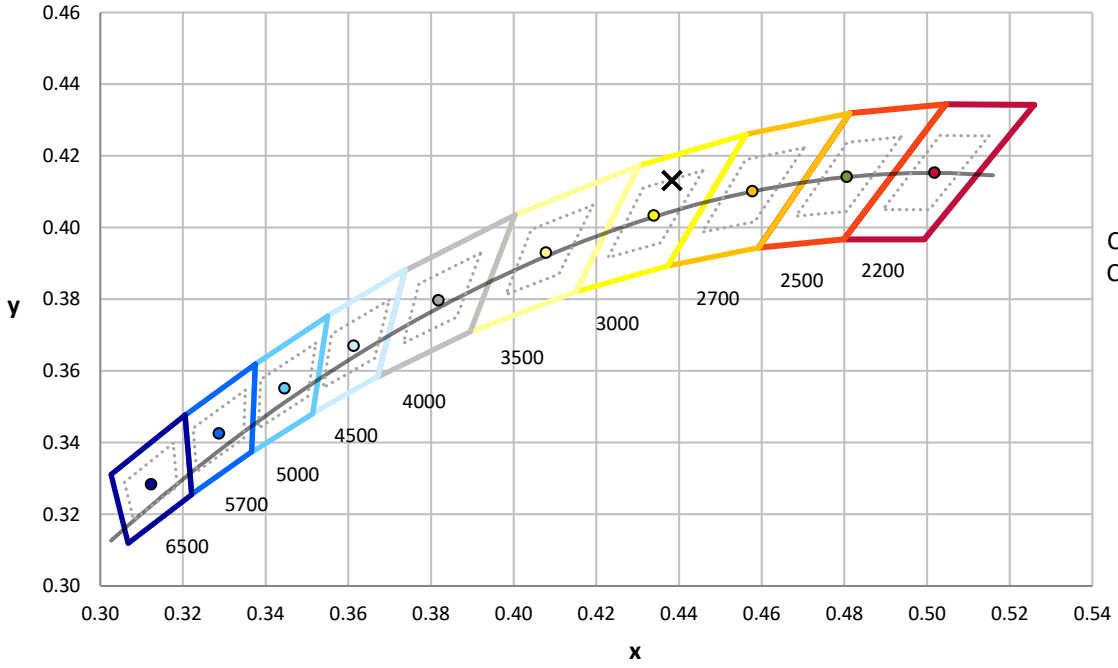
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

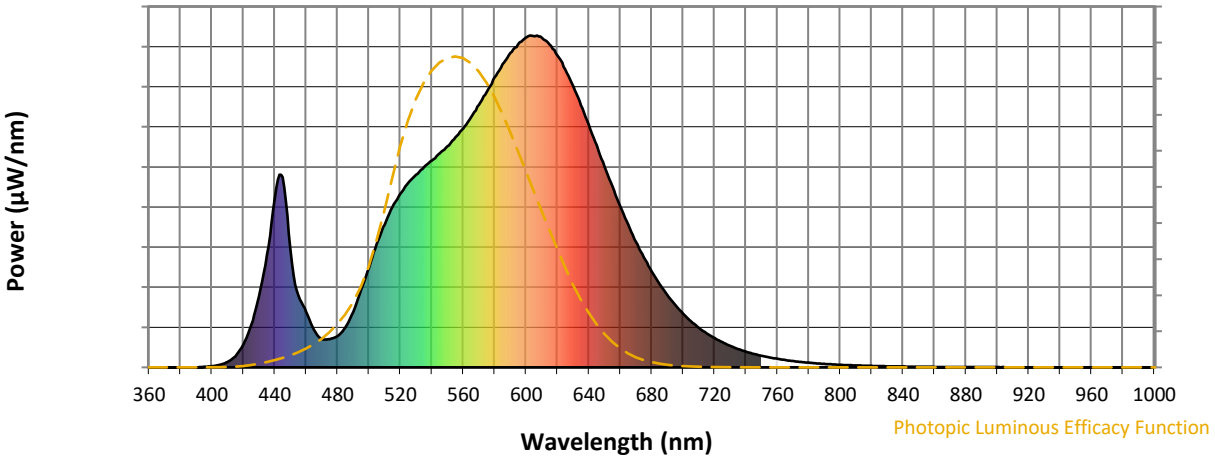


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

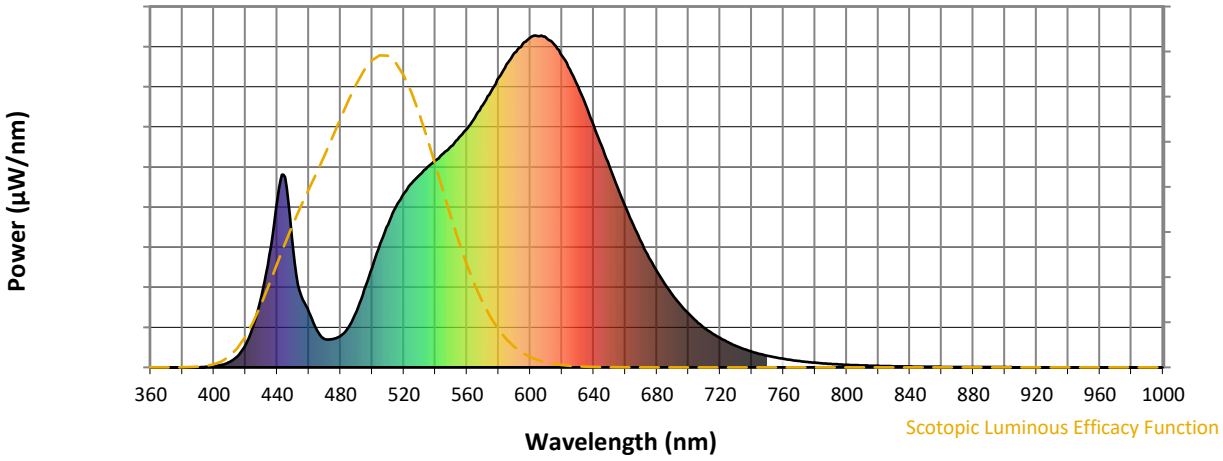


Photopic Lumens: NR

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

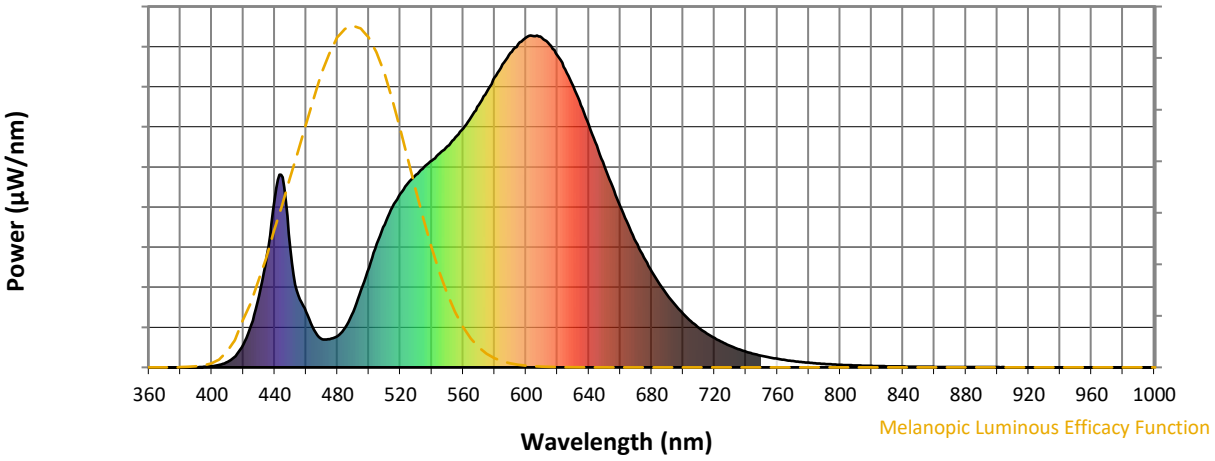


Scotopic Lumens: NR **S/P: 1.27**

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			

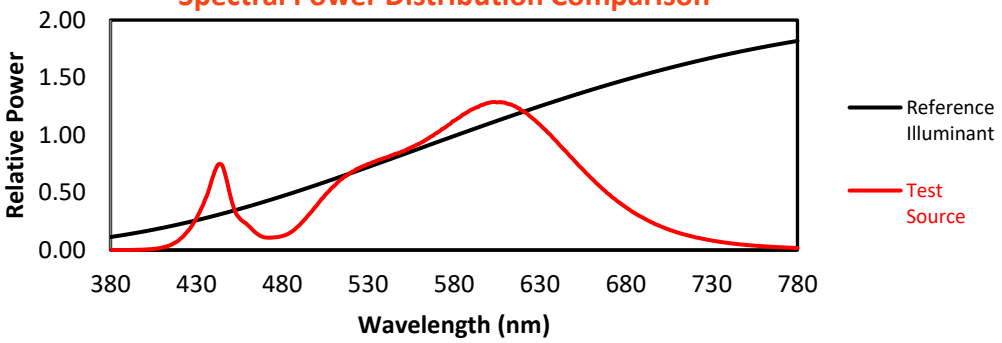
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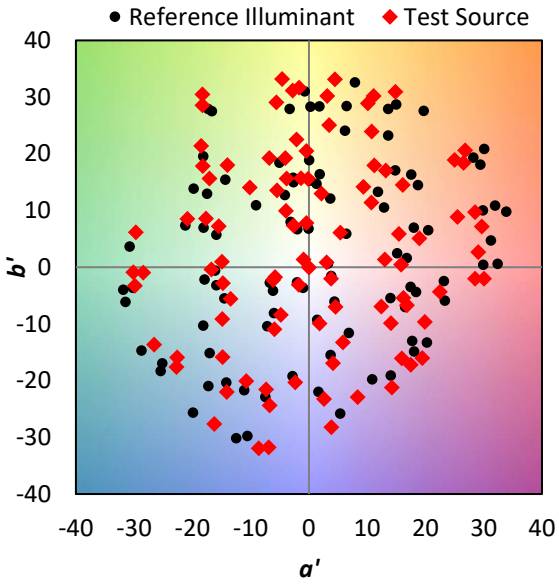
Summary

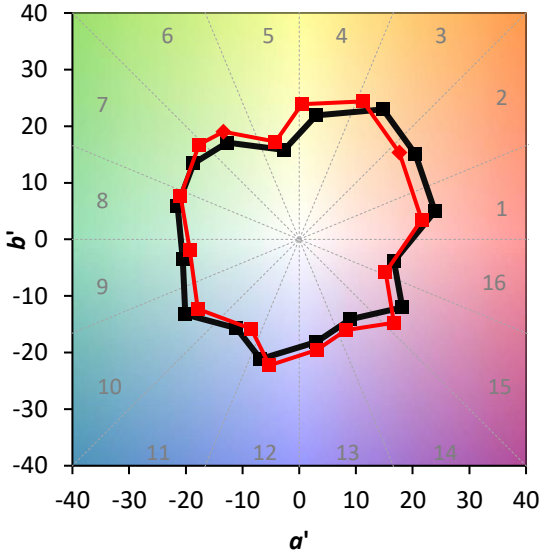
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

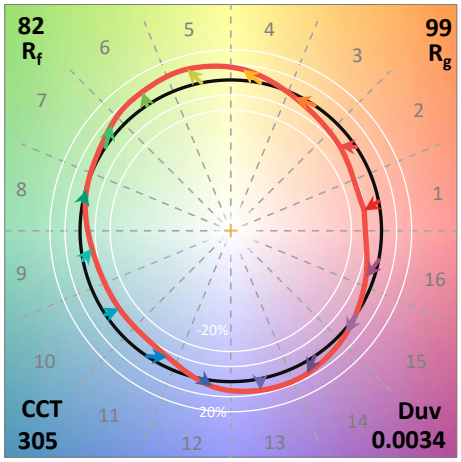
Spectral Power Distribution Comparison

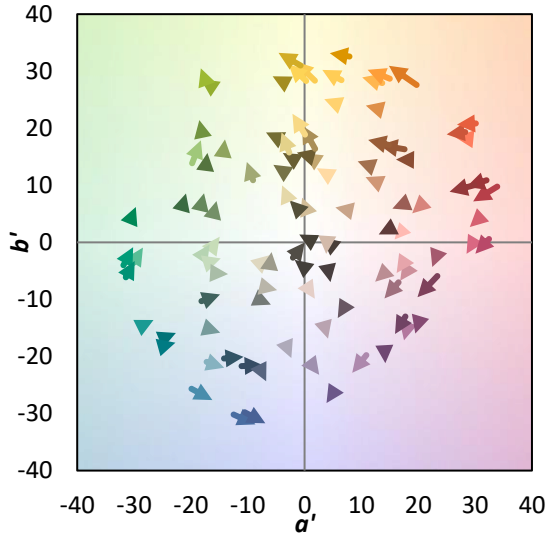


Color Vector Graphics







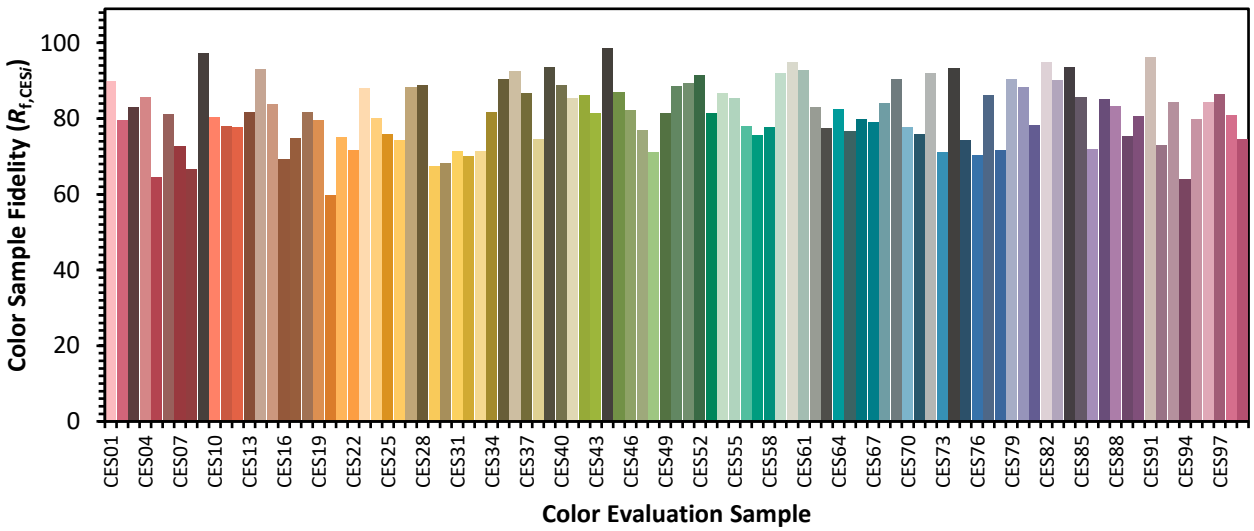


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Individual Sample Fidelity Index ($R_{f,i}$)

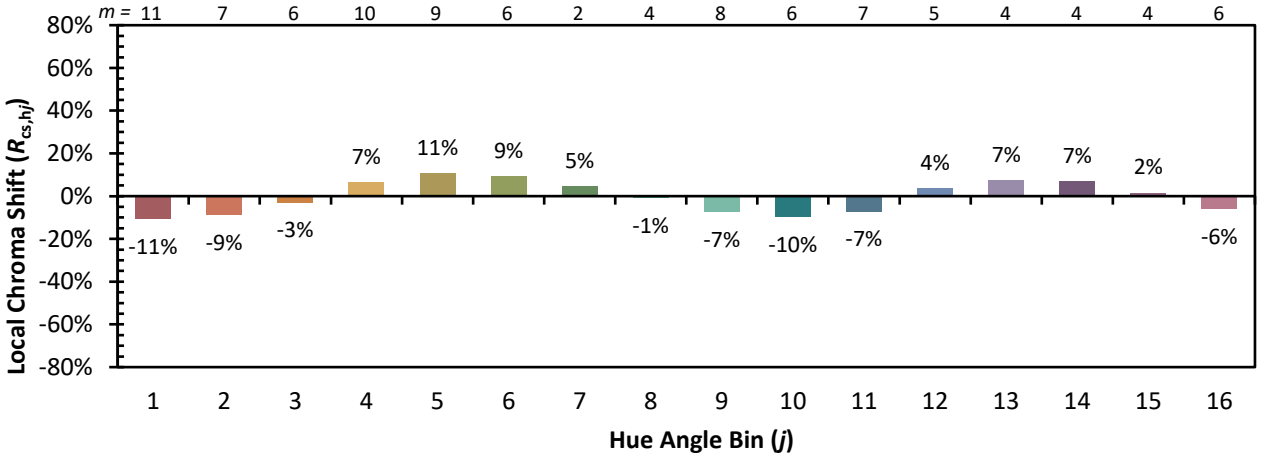
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

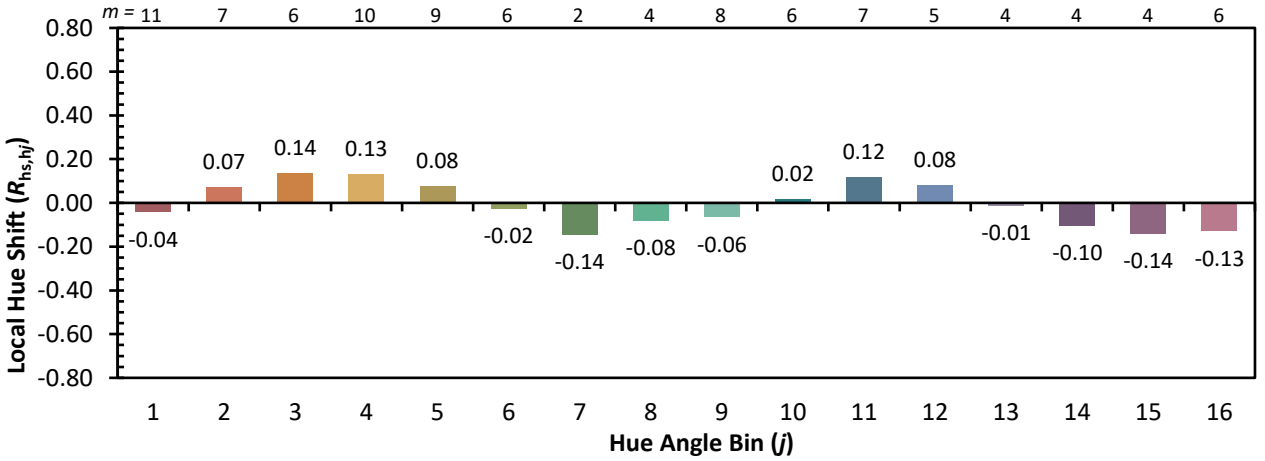


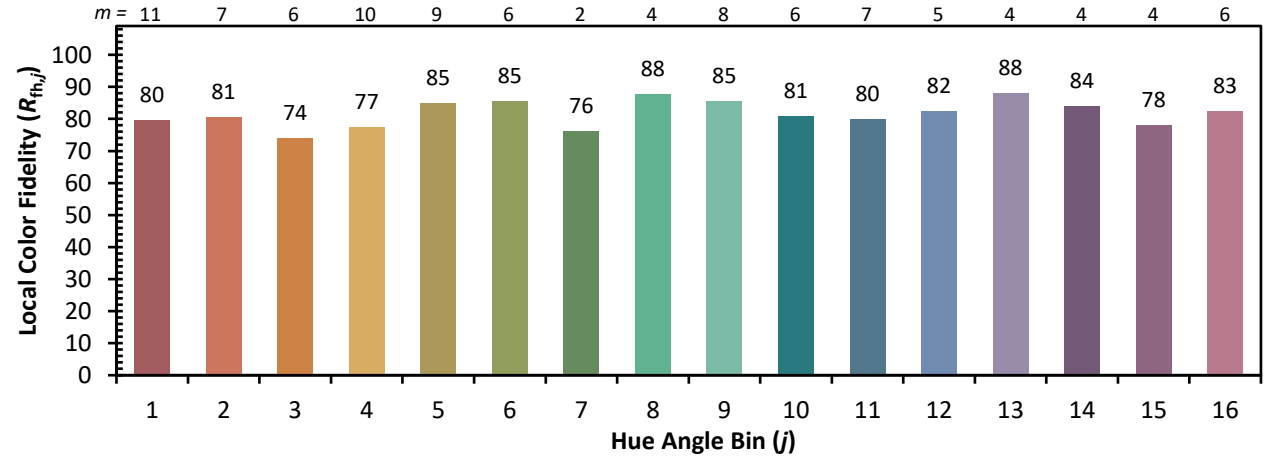
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Color Rendition by Hue-Angle Bin



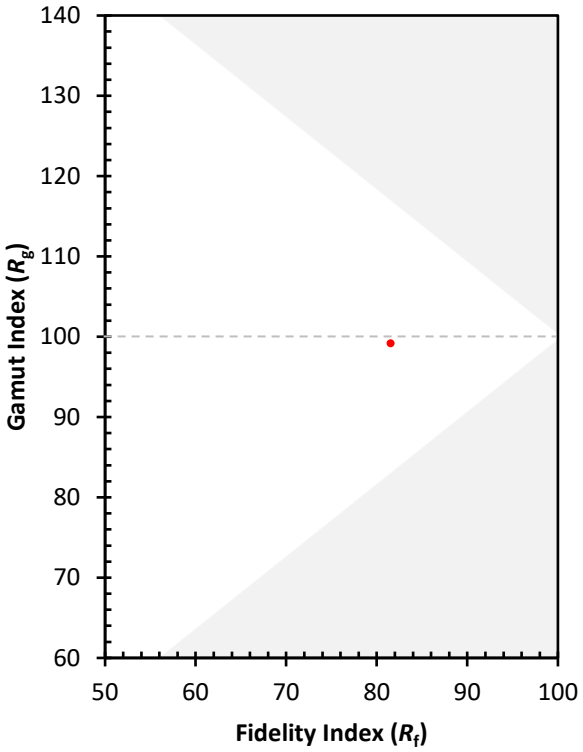


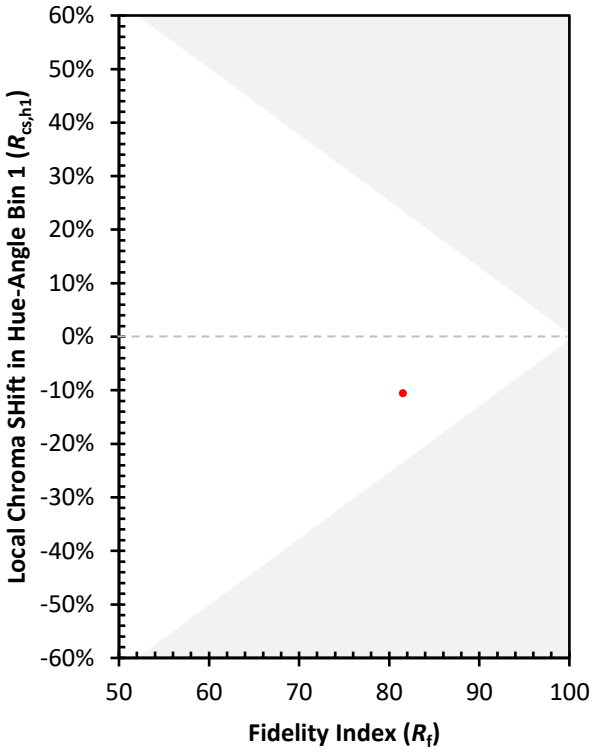


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Measure Comparisons





(END OF REPORT)