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: P1201991

Luminaire Tested: GWC-SB1C-830-U-SL4

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:	P1201991
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-830-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6706 lumens
Efficiency:	N/A
Efficacy:	123.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - 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

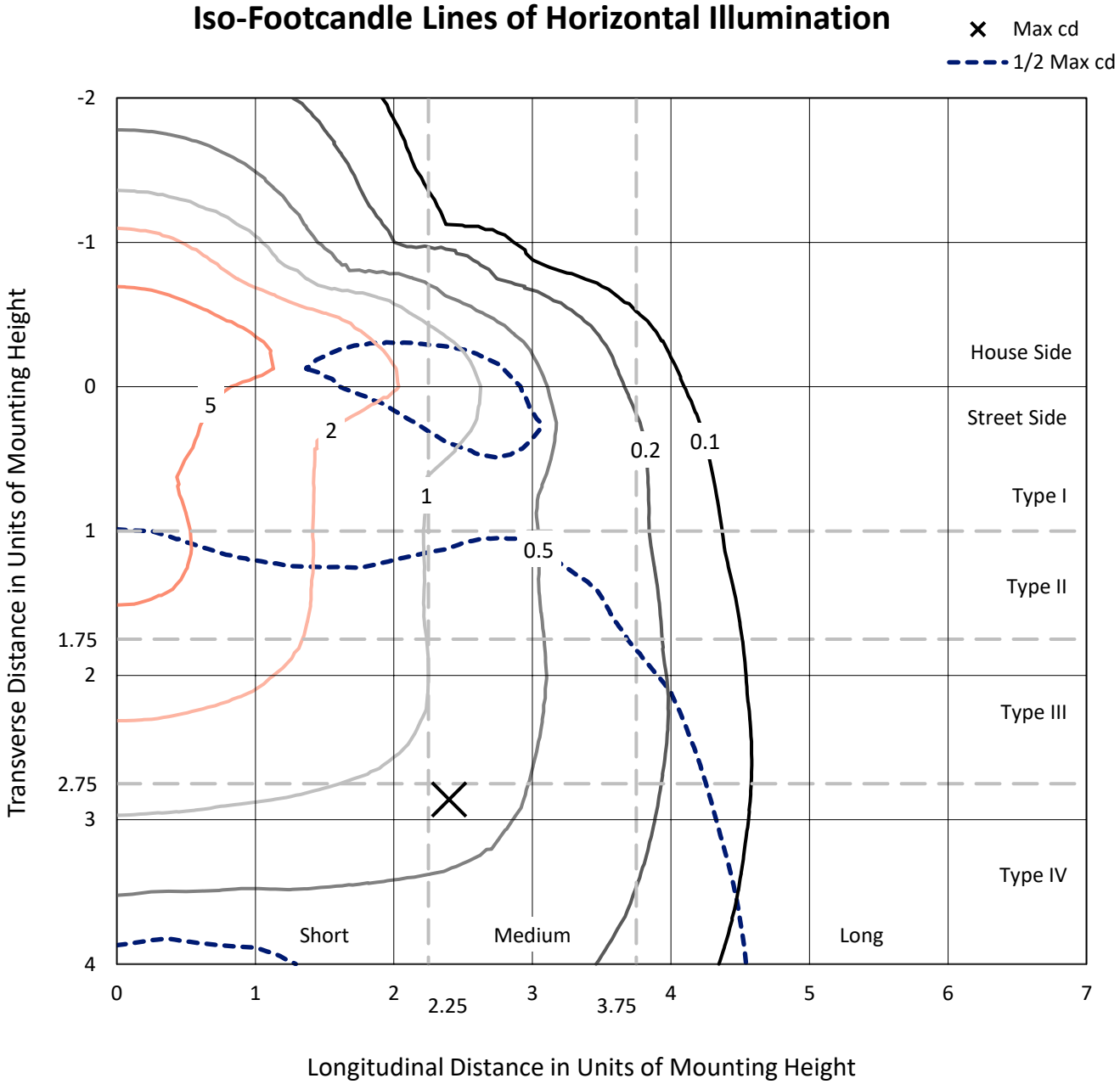


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Scaled Data Report

REPORT NUMBER: P1201991
CATALOG NUMBER: GWC-SB1C-830-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



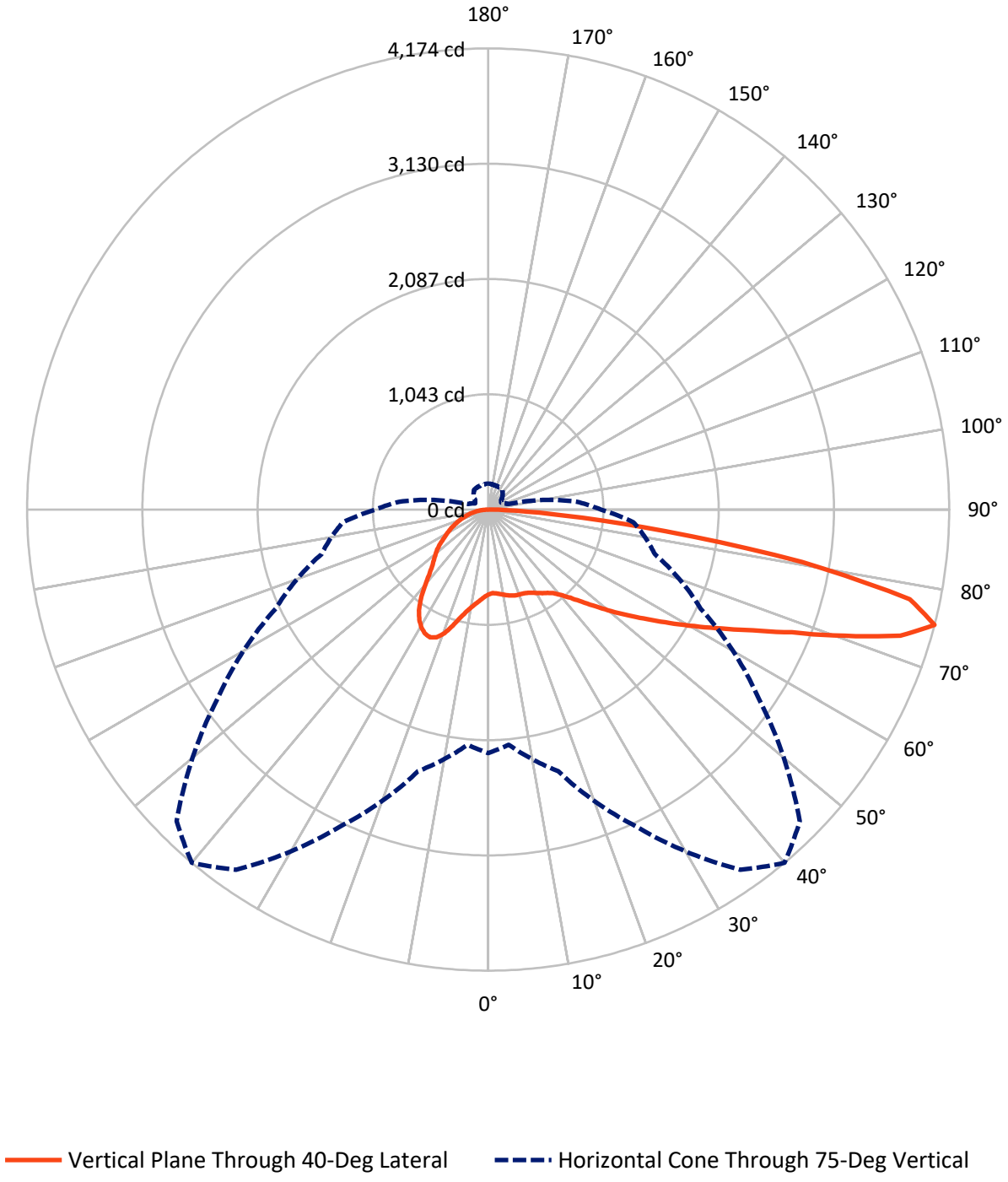
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
Type IV - Medium - N/A

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Scaled Data Report

REPORT NUMBER: P1201991
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Luminous Intensity Polar Plot



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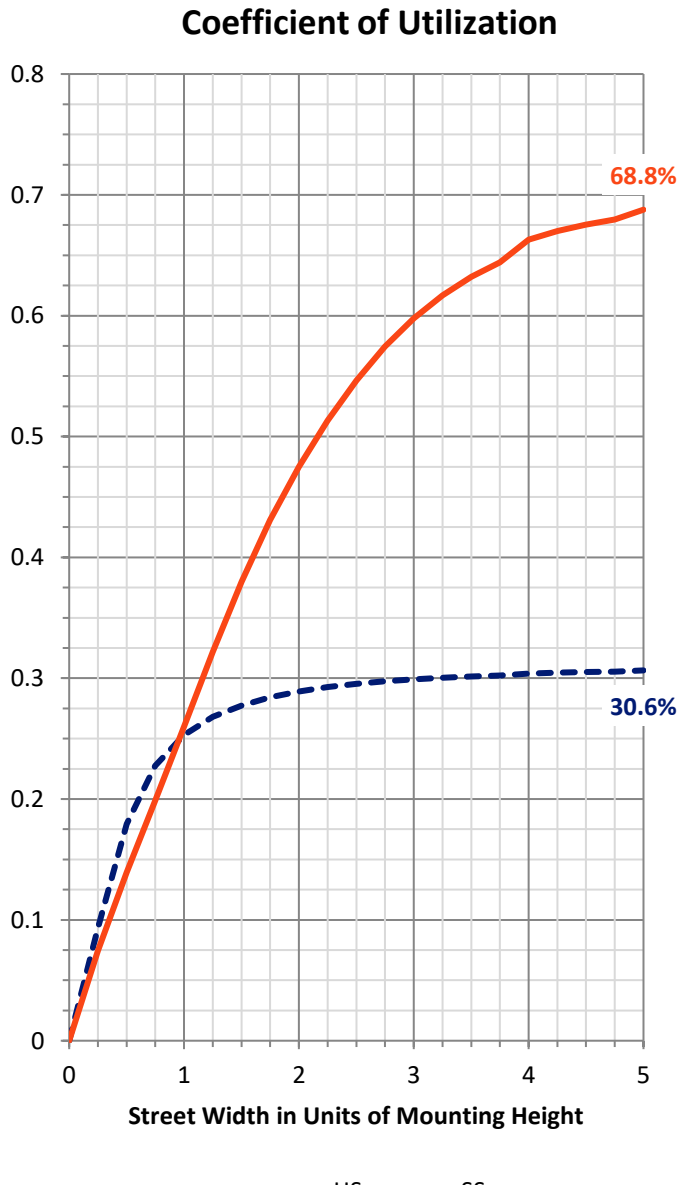
REPORT NUMBER: P1201991
CATALOG NUMBER: GWC-SB1C-830-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2077.7	0.0	2077.7
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	4628.3	0.0	4628.3
	% Fixture	69.0	0.0	69.0
Total	Lumens	6706.0	0.0	6706.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.5	1.1
10°-20°	257.0	3.8
20°-30°	469.3	7.0
30°-40°	665.5	9.9
40°-50°	898.7	13.4
50°-60°	1209.0	18.0
60°-70°	1534.4	22.9
70°-80°	1392.6	20.8
80°-90°	203.0	3.0
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°	6706.0	100.0
0°-180°	6706.0	100.0



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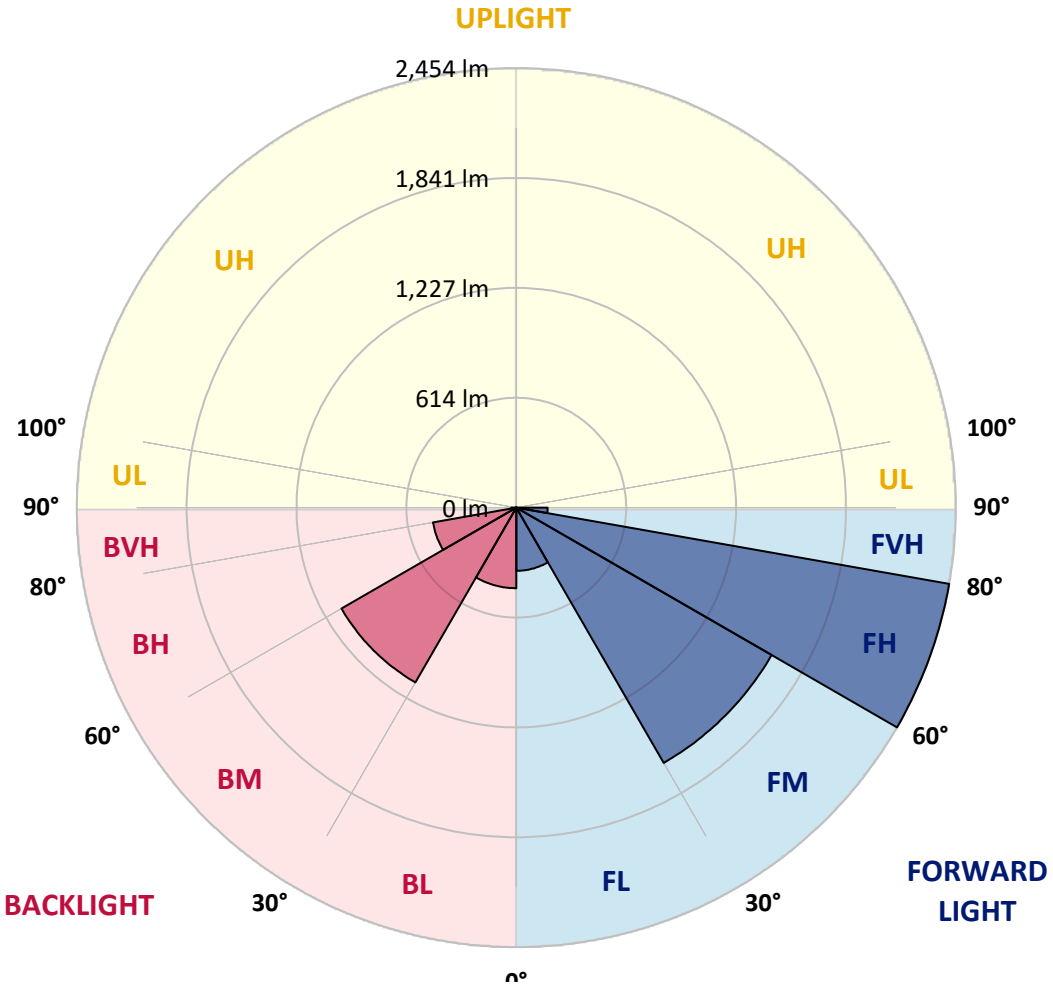
Scaled Data Report

REPORT NUMBER: P1201991
CATALOG NUMBER: GWC-SB1C-830-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	352.7	5.3			
FM	(30°-60°)	1646.2	24.5			
FH	(60°-80°)	2454.3	36.6			G2/5000
FVH	(80°-90°)	175.0	2.6			G2/225
BL	(0°-30°)	450.1	6.7	B1/500		
BM	(30°-60°)	1127.0	16.8	B2/2500		
BH	(60°-80°)	472.7	7.0	B1/500		G1/500
BVH	(80°-90°)	27.9	0.4			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 IV Medium



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Scaled Data Report

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	766.8	766.8	766.8	766.8	766.8	*766.8*	766.8	766.8	766.8	766.8	766.8
2.5°	755.1	759.4	758.3	756.9	756.9	*757.2*	756.9	759.4	761.9	764.4	768.3
5°	762.9	767.2	765.1	763.3	761.9	*761.5*	760.4	760.1	761.5	764.7	770.0
7.5°	778.2	782.5	779.3	776.1	773.2	*771.8*	770.4	768.3	767.2	769.0	776.4
10°	795.3	799.6	795.6	790.0	785.3	*783.6*	782.1	780.0	778.6	779.6	787.8
12.5°	812.4	816.6	811.3	803.5	797.4	*796.4*	794.6	793.9	793.5	793.2	801.3
15°	828.4	831.9	825.2	815.9	809.5	*807.7*	806.0	807.0	808.8	810.9	820.2
17.5°	840.8	844.4	834.4	822.3	816.3	*815.6*	814.5	818.1	823.0	828.4	839.8
20°	852.2	855.8	843.0	826.6	819.5	*819.5*	819.8	827.3	834.4	842.2	857.9
22.5°	868.2	871.1	855.4	833.0	822.7	*823.4*	826.2	833.7	842.6	853.3	875.0
25°	892.0	894.2	875.0	845.1	833.4	*835.5*	838.0	841.5	850.1	862.5	891.7
27.5°	930.5	932.2	907.0	866.4	848.6	*852.2*	855.8	853.3	857.2	867.9	905.2
30°	984.5	985.6	953.6	899.9	874.6	*876.4*	877.1	866.8	859.3	867.9	914.8
32.5°	1048.5	1048.2	1010.1	940.4	904.1	*902.4*	896.3	876.0	858.6	866.1	923.3
35°	1147.8	1143.9	1094.8	997.3	937.6	*926.5*	912.3	886.3	862.2	864.3	930.8
37.5°	1312.1	1300.0	1232.1	1090.5	987.4	*959.3*	938.3	903.1	870.0	863.6	939.7
40°	1497.4	1482.1	1407.4	1218.2	1062.1	*1016.9*	983.1	926.9	882.8	866.8	952.9
42.5°	1717.2	1695.5	1615.1	1368.6	1156.7	*1091.2*	1040.4	957.1	901.6	877.1	970.6
45°	1987.2	1958.4	1844.5	1538.3	1275.8	*1188.7*	1120.7	1003.0	930.5	897.0	997.3
47.5°	2260.0	2267.1	2105.3	1732.5	1418.8	*1308.9*	1221.4	1072.0	972.4	929.0	1040.4
50°	2549.8	2554.8	2364.5	1947.7	1581.0	*1444.8*	1334.5	1149.2	1030.8	974.6	1104.7
52.5°	2776.1	2776.8	2600.0	2172.8	1749.9	*1594.1*	1456.5	1237.4	1098.3	1035.0	1190.5
55°	2917.6	2915.8	2765.0	2385.9	1944.1	*1751.0*	1591.7	1337.7	1180.8	1106.2	1298.2
57.5°	3020.4	3015.1	2878.9	2569.1	2151.1	*1936.3*	1744.6	1451.5	1278.3	1190.8	1440.1
60°	3059.5	3056.3	2956.0	2727.3	2368.8	*2141.2*	1921.0	1578.9	1388.9	1290.8	1622.6
62.5°	3074.5	3080.5	3031.8	2880.6	2601.8	*2368.1*	2114.9	1731.1	1513.4	1403.9	1815.0
65°	3127.1	3138.1	3128.2	3081.2	2865.0	*2633.8*	2372.0	1912.1	1649.3	1525.1	2016.0
67.5°	3231.3	3242.4	3246.6	3321.3	3186.5	*2964.9*	2692.8	2137.6	1808.3	1651.1	2167.1
70°	3228.8	3225.6	3301.0	3512.3	3589.1	*3423.4*	3125.3	2415.0	1997.8	1755.6	2186.3
72.5°	2939.0	2913.4	3091.5	3510.2	3924.2	*3902.1*	3653.5	2772.9	2161.5	1768.4	1897.2
75°	*2204.8*	*2136.6*	*2451.3*	*3163.4*	*3980.0*	*4173.9*	*3989.3*	*2994.8*	*2122.7*	*1562.5*	*1320.3*
77.5°	942.9	874.3	1245.2	2341.8	3562.1	*3901.8*	3681.3	2612.8	1694.4	1033.2	648.4
80°	246.8	246.5	376.3	1061.7	2422.5	*2881.3*	2527.8	1687.3	968.2	369.2	178.9
82.5°	102.1	99.6	138.4	412.9	1183.7	*1616.9*	1319.6	752.6	349.6	99.9	59.4
85°	38.1	37.7	67.2	142.6	417.6	*666.9*	482.7	192.4	87.1	48.7	26.7
87.5°	10.7	10.3	14.6	49.4	101.7	*154.4*	82.5	31.7	24.5	19.2	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: P1201991
CATALOG NUMBER: GWC-SB1C-830-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8	766.8
2.5°	769.3	771.1	774.3	776.8	780.0	783.6	788.5	791.7	794.9	797.1	795.6
5°	772.5	776.4	784.6	792.8	802.4	811.3	821.6	829.1	835.1	836.9	837.6
7.5°	779.6	786.0	799.9	813.8	829.1	843.7	858.6	871.4	881.7	885.6	886.0
10°	792.1	800.6	820.2	839.8	860.0	882.4	901.6	920.1	934.7	940.8	941.1
12.5°	807.7	818.4	844.0	871.1	899.2	930.1	955.0	977.8	995.9	1004.1	1004.1
15°	828.0	841.9	874.6	910.9	952.1	995.2	1026.8	1052.1	1072.4	1082.3	1081.6
17.5°	850.1	868.6	909.8	964.6	1023.6	1080.2	1117.2	1135.7	1156.7	1166.3	1165.9
20°	871.4	894.2	953.2	1032.9	1111.5	1171.6	1201.5	1206.5	1207.9	1208.9	1211.8
22.5°	893.5	924.0	1007.6	1119.0	1203.3	1244.9	1249.1	1227.8	1197.9	1184.0	1188.0
25°	917.6	958.2	1078.8	1213.9	1282.2	1287.2	1254.5	1202.5	1146.0	1120.0	1123.9
27.5°	941.1	997.7	1164.1	1304.6	1339.1	1295.4	1225.0	1151.3	1083.0	1055.6	1058.9
30°	964.6	1042.8	1258.4	1383.9	1365.1	1275.1	1178.4	1096.2	1027.6	998.7	1001.9
32.5°	988.4	1095.5	1366.9	1441.2	1360.5	1232.1	1120.4	1034.3	973.8	943.6	947.5
35°	1015.5	1160.2	1469.7	1472.5	1329.5	1168.8	1043.9	960.3	907.7	883.5	888.8
37.5°	1050.7	1242.4	1560.4	1480.3	1275.5	1075.9	948.9	872.8	829.4	818.4	826.2
40°	1094.4	1341.3	1629.7	1467.9	1195.4	963.2	845.1	784.3	759.7	762.2	770.8
42.5°	1151.3	1451.9	1678.4	1435.9	1084.1	846.9	754.0	727.0	738.7	748.7	757.9
45°	1225.3	1566.8	1708.7	1381.5	958.2	748.3	700.3	706.7	715.6	716.7	723.8
47.5°	1319.9	1683.1	1728.6	1299.3	829.8	679.0	666.2	667.6	665.8	658.4	664.0
50°	1438.0	1796.2	1746.4	1190.5	720.6	635.6	618.5	613.5	589.0	564.8	568.0
52.5°	1572.4	1900.0	1753.8	1055.3	635.6	599.3	571.6	540.3	494.4	486.9	489.4
55°	1721.8	1996.1	1734.6	889.2	564.1	552.7	510.8	473.1	468.1	461.7	462.7
57.5°	1900.4	2099.6	1695.5	703.9	490.8	498.3	457.4	461.7	452.8	442.8	441.0
60°	2095.7	2206.6	1626.9	534.9	415.1	430.4	443.5	443.2	440.7	432.5	429.7
62.5°	2271.4	2277.0	1491.7	409.7	348.6	377.7	413.7	413.3	411.2	406.5	404.8
65°	2375.9	2266.4	1266.2	322.6	293.8	334.3	373.1	376.0	376.3	376.0	376.0
67.5°	2357.4	2141.5	956.8	256.8	248.6	290.2	332.9	336.8	339.7	340.4	341.1
70°	2148.3	1867.3	623.9	204.9	208.4	251.5	294.9	298.8	301.3	304.1	305.5
72.5°	1674.5	1372.9	357.1	165.7	173.2	218.0	257.2	261.8	263.2	268.5	270.7
75°	*1020.4*	*807.4*	*192.8*	*130.5*	*142.3*	*186.4*	*219.8*	*225.1*	*227.6*	*234.0*	*234.7*
77.5°	485.1	349.6	109.9	101.7	114.5	152.2	185.7	191.7	185.0	188.5	185.7
80°	164.0	129.8	69.4	77.5	87.5	118.8	148.7	154.7	140.5	139.8	138.4
82.5°	57.3	52.6	44.1	51.6	56.6	85.0	112.4	120.2	104.6	104.2	99.2
85°	22.4	21.3	24.5	28.1	33.8	52.3	74.0	77.9	64.4	51.9	51.2
87.5°	4.6	5.0	6.0	6.4	10.3	18.1	26.7	32.7	26.0	22.1	20.3
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

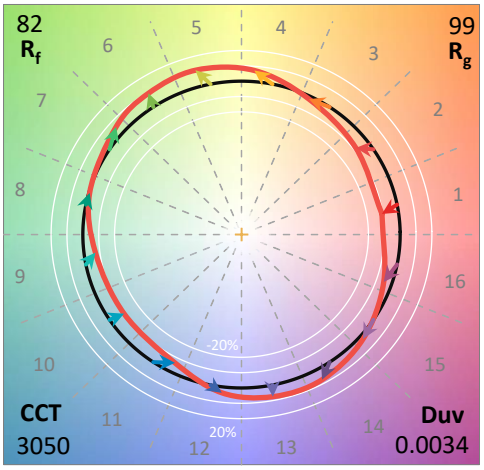
Test Information

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

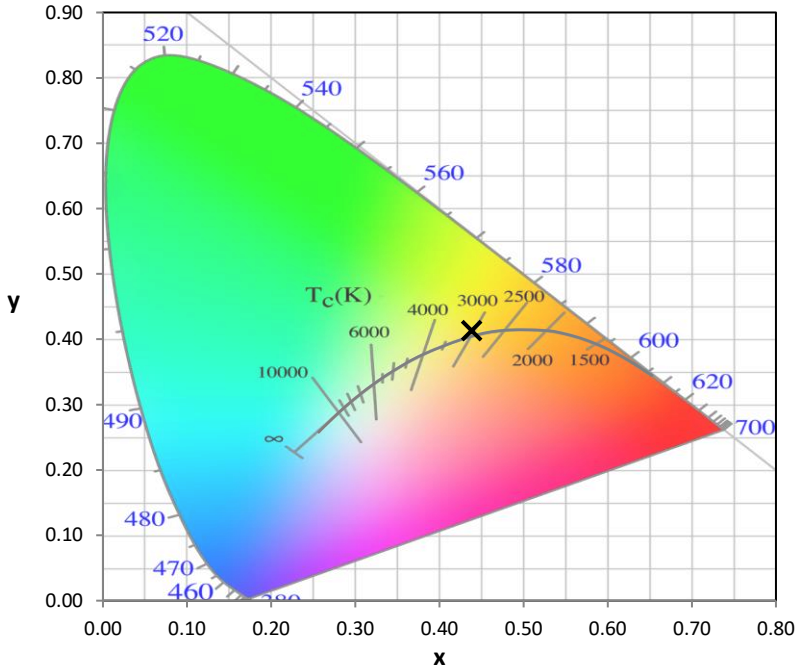
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

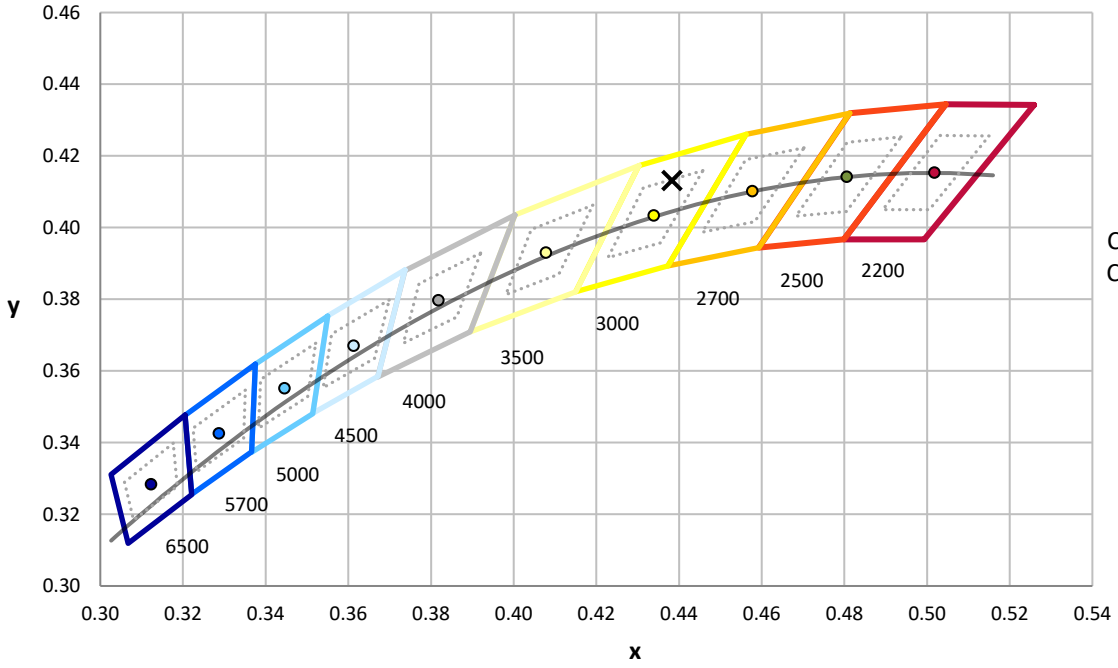
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

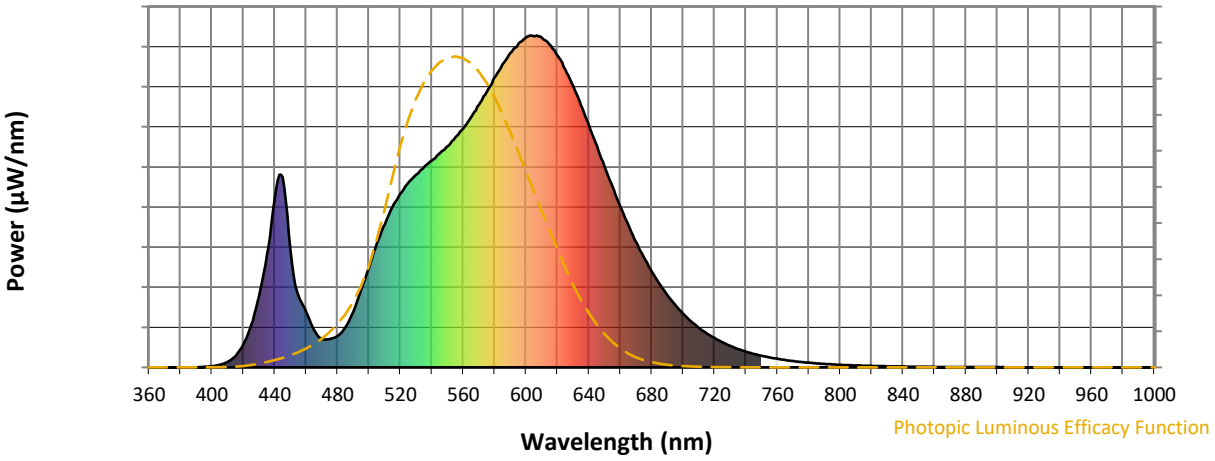


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

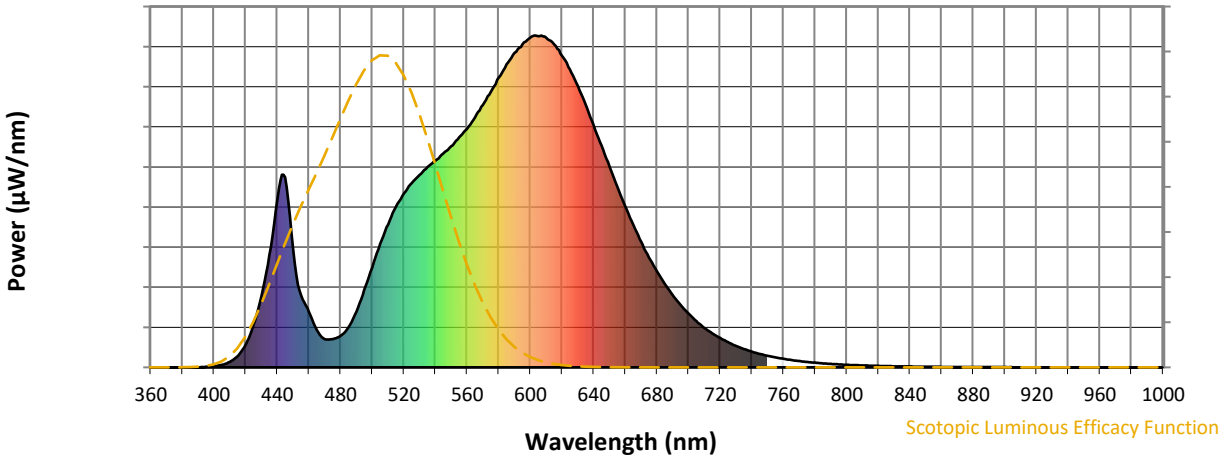


Photopic Lumens: NR

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

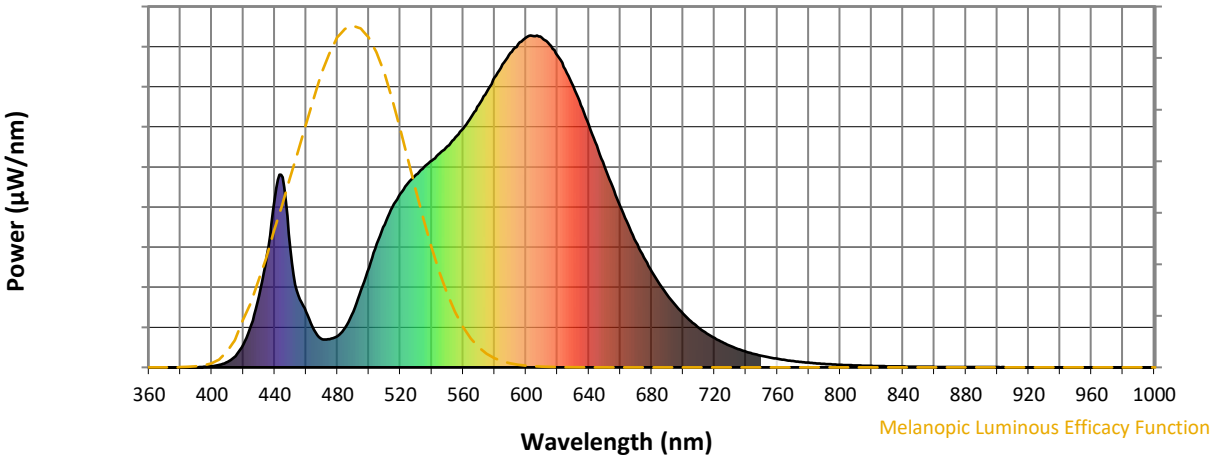


Scotopic Lumens: NR **S/P: 1.27**

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			

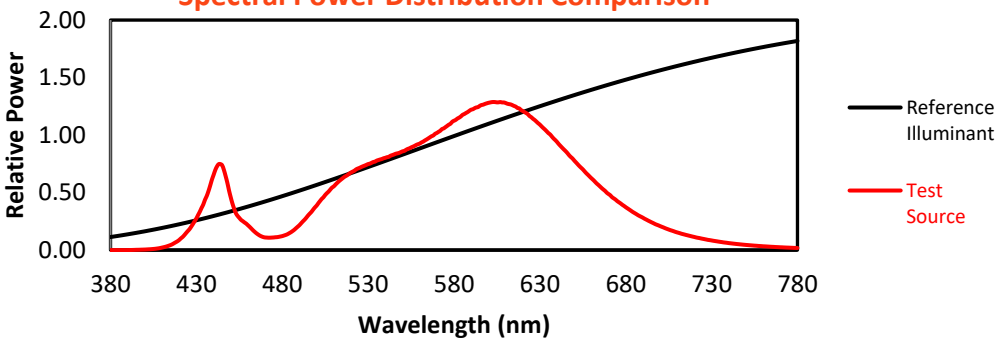
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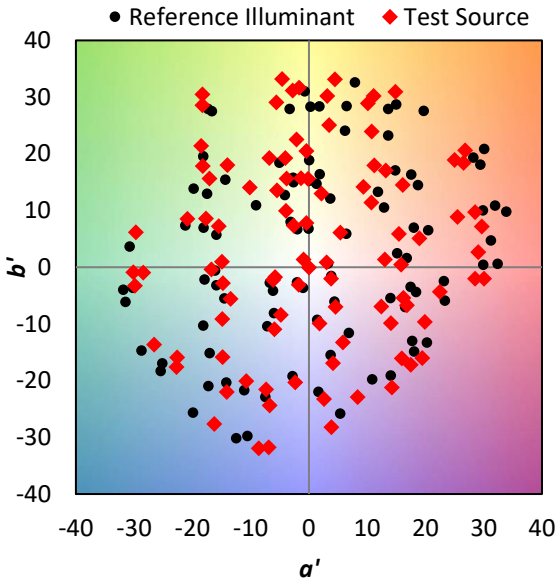
Summary

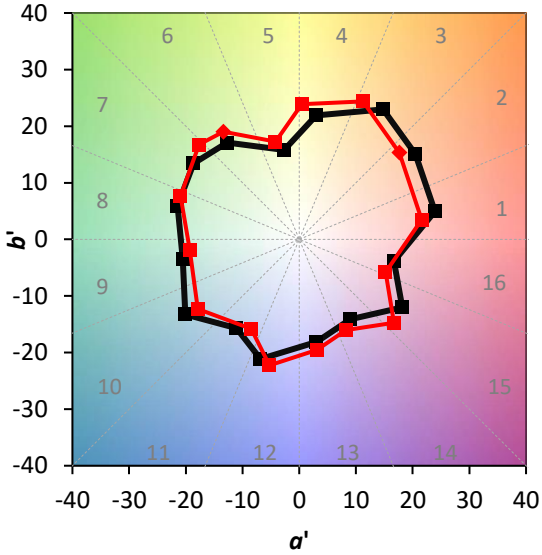
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

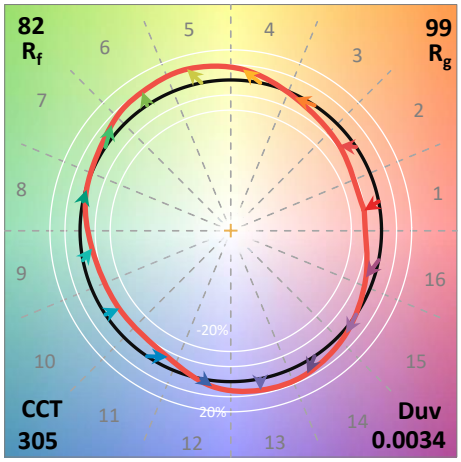
Spectral Power Distribution Comparison

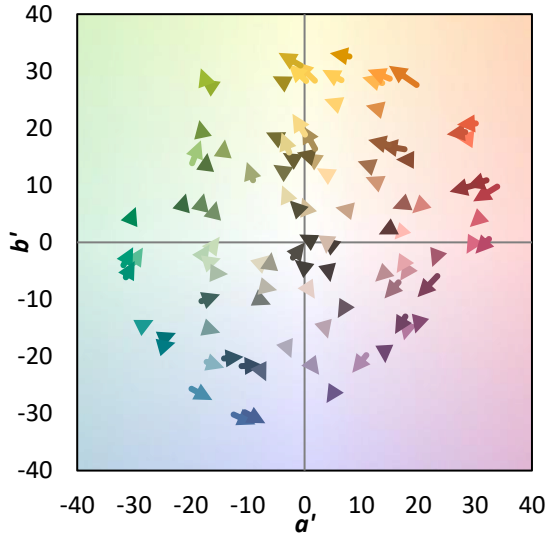


Color Vector Graphics







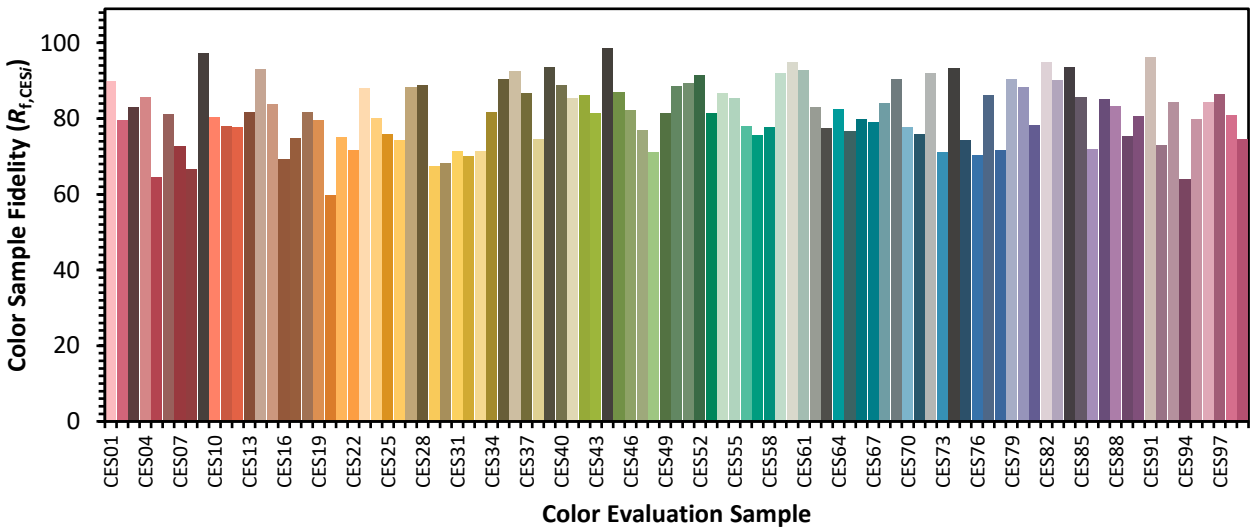


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Individual Sample Fidelity Index ($R_{f,i}$)

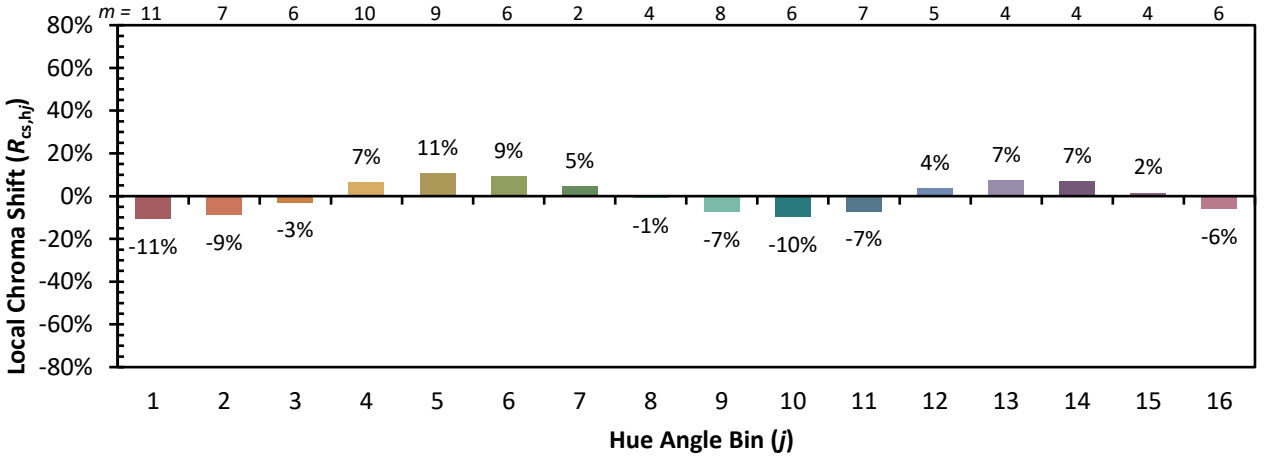
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

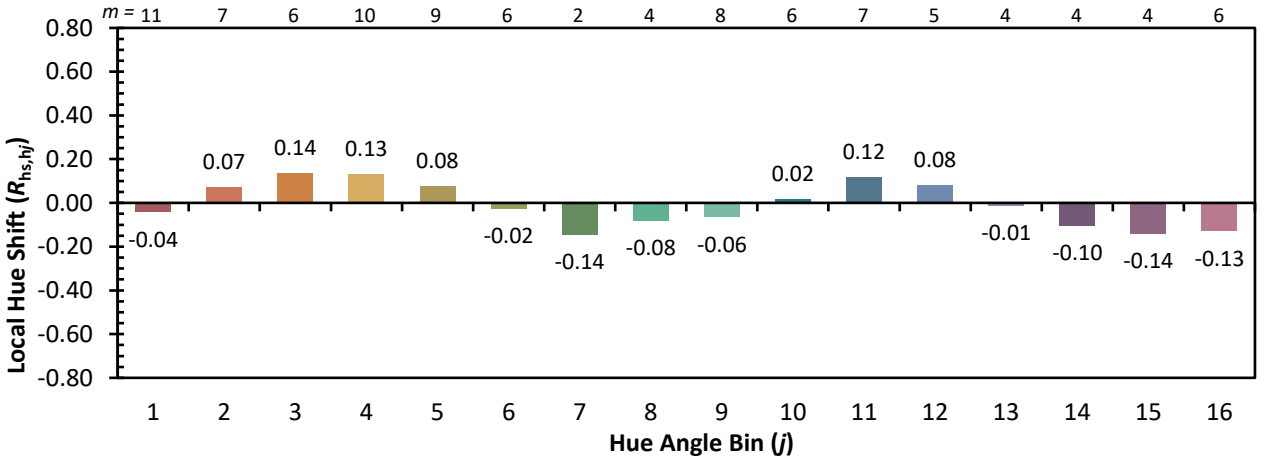


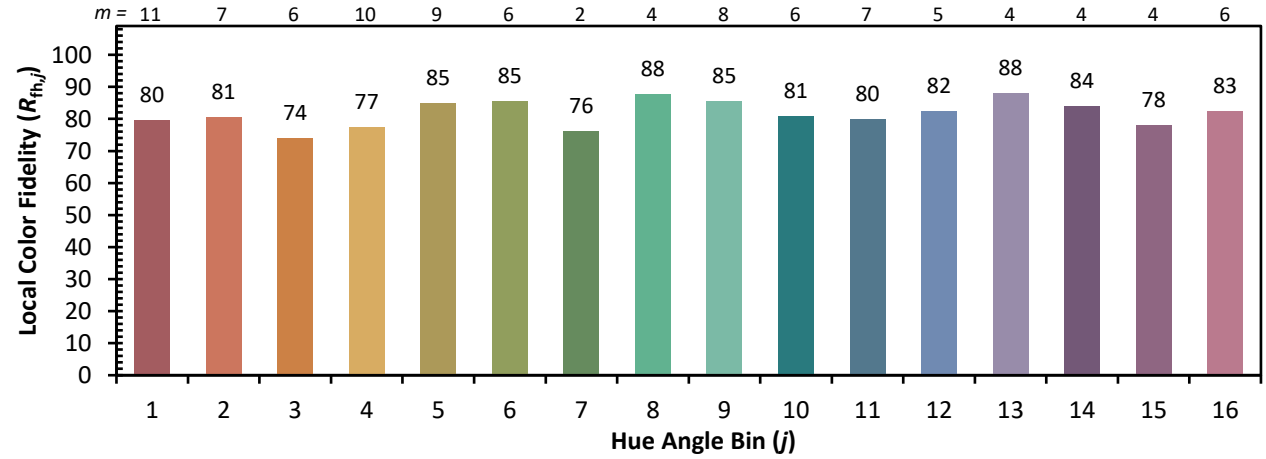
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Color Rendition by Hue-Angle Bin



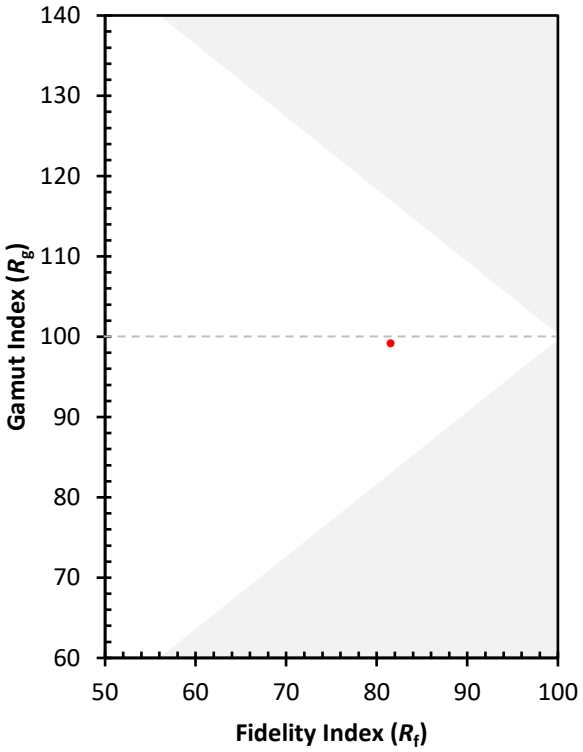


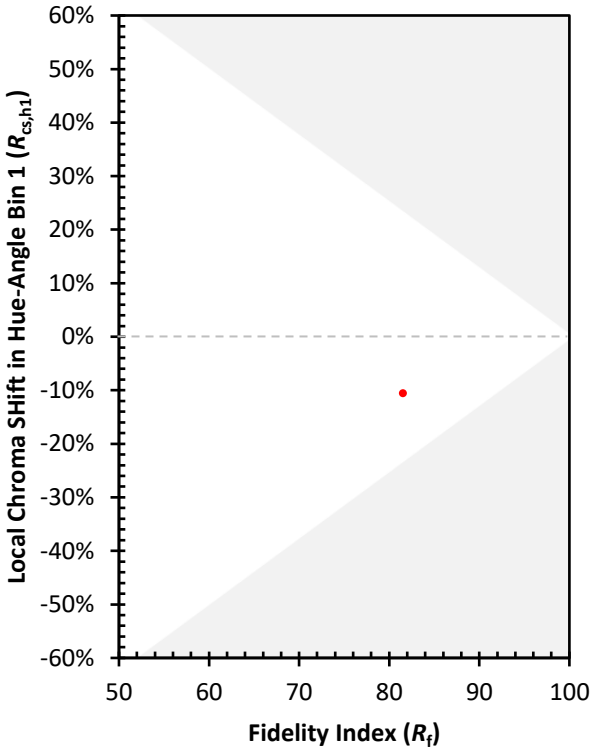


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Measure Comparisons





(END OF REPORT)