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: P1199881

Luminaire Tested: GPC-SB2B-830-U-T4W

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:	P1199881
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2B-830-U-T4W
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10097 lumens
Efficiency:	N/A
Efficacy:	136.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
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

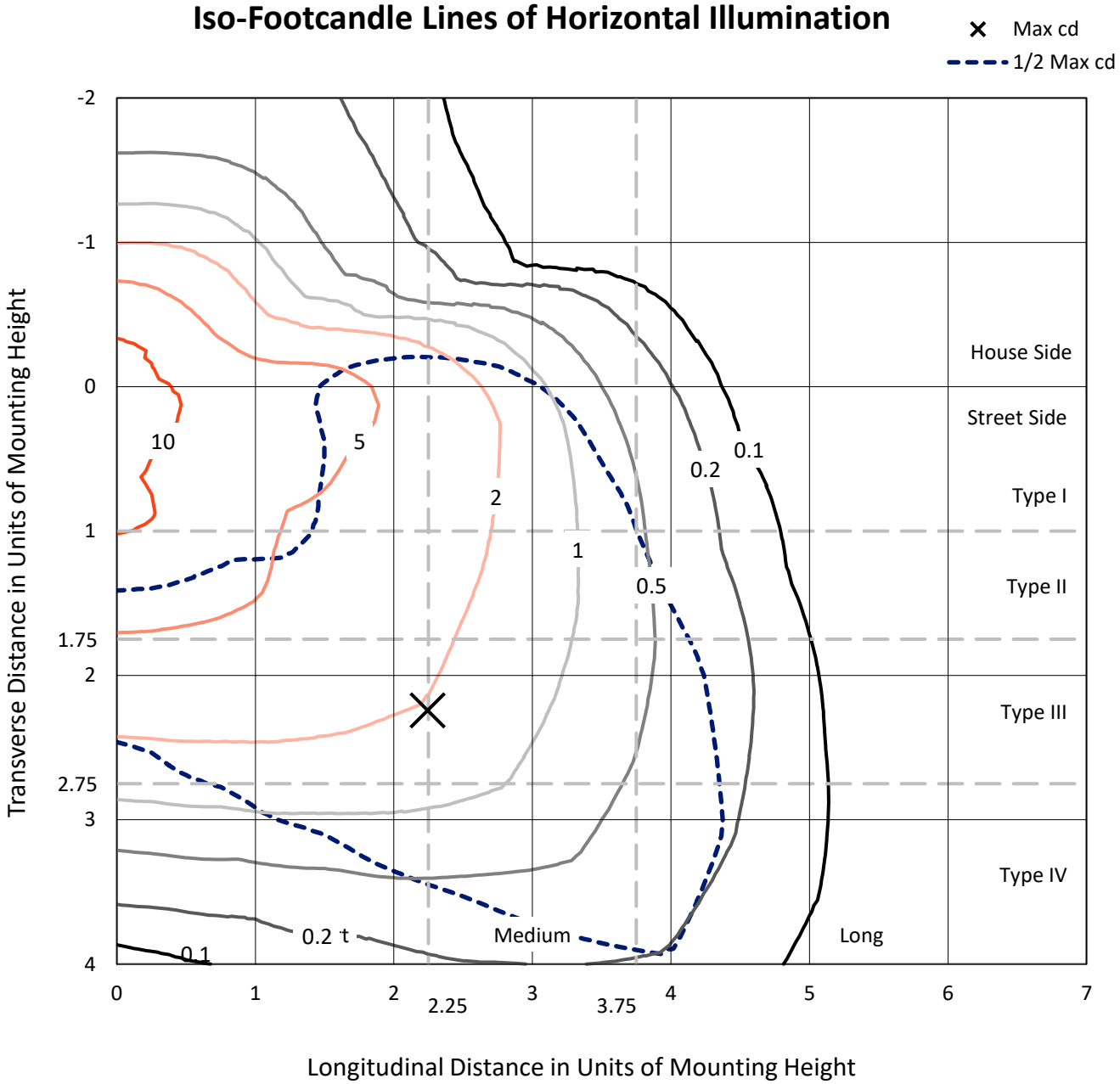


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Scaled Data Report

REPORT NUMBER: P1199881
CATALOG NUMBER: GPC-SB2B-830-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



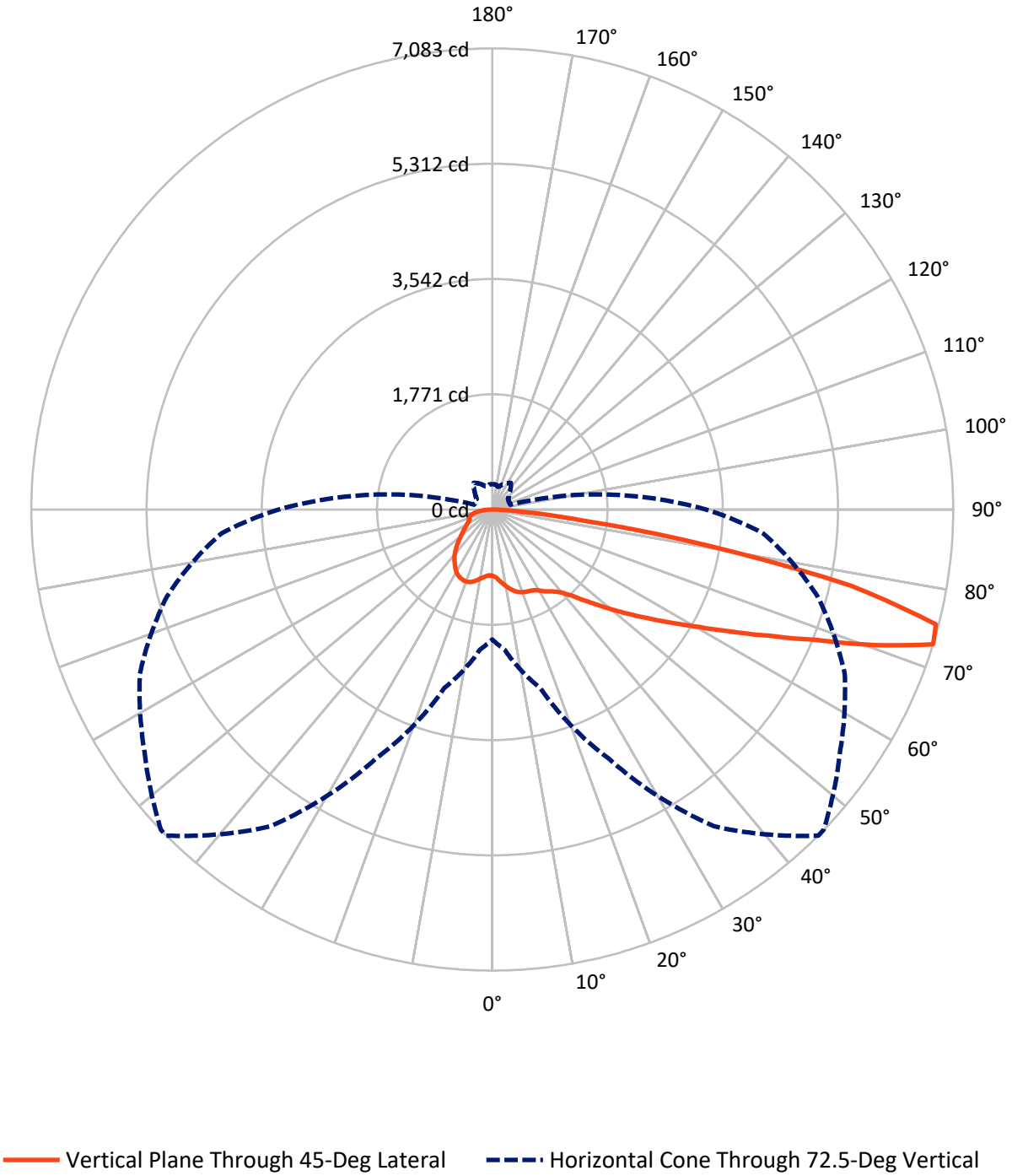
Based on 10 foot mounting height. Maximum calculated value = 12.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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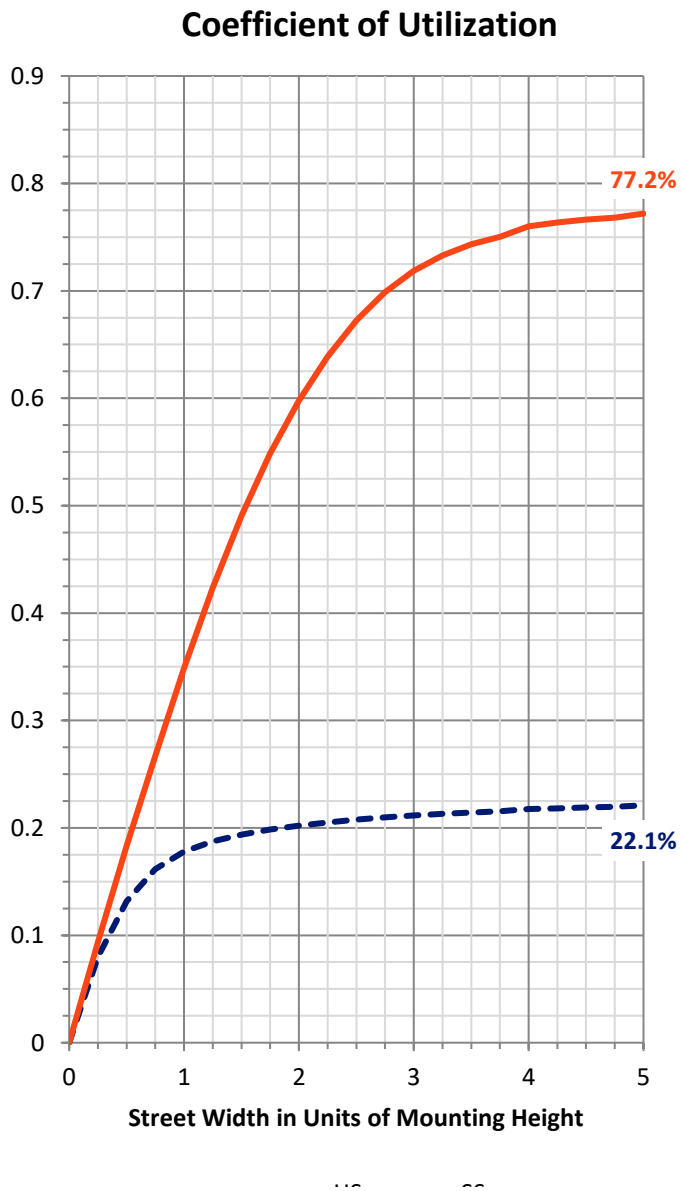
REPORT NUMBER: P1199881
CATALOG NUMBER: GPC-SB2B-830-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2282.6	0.0	2282.6
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	7814.4	0.0	7814.4
	% Fixture	77.4	0.0	77.4
Total	Lumens	10097.0	0.0	10097.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.7	1.0
10°-20°	345.7	3.4
20°-30°	601.3	6.0
30°-40°	862.0	8.5
40°-50°	1213.7	12.0
50°-60°	1859.1	18.4
60°-70°	2693.1	26.7
70°-80°	2150.6	21.3
80°-90°	267.9	2.7
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°	10097.0	100.0
0°-180°	10097.0	100.0



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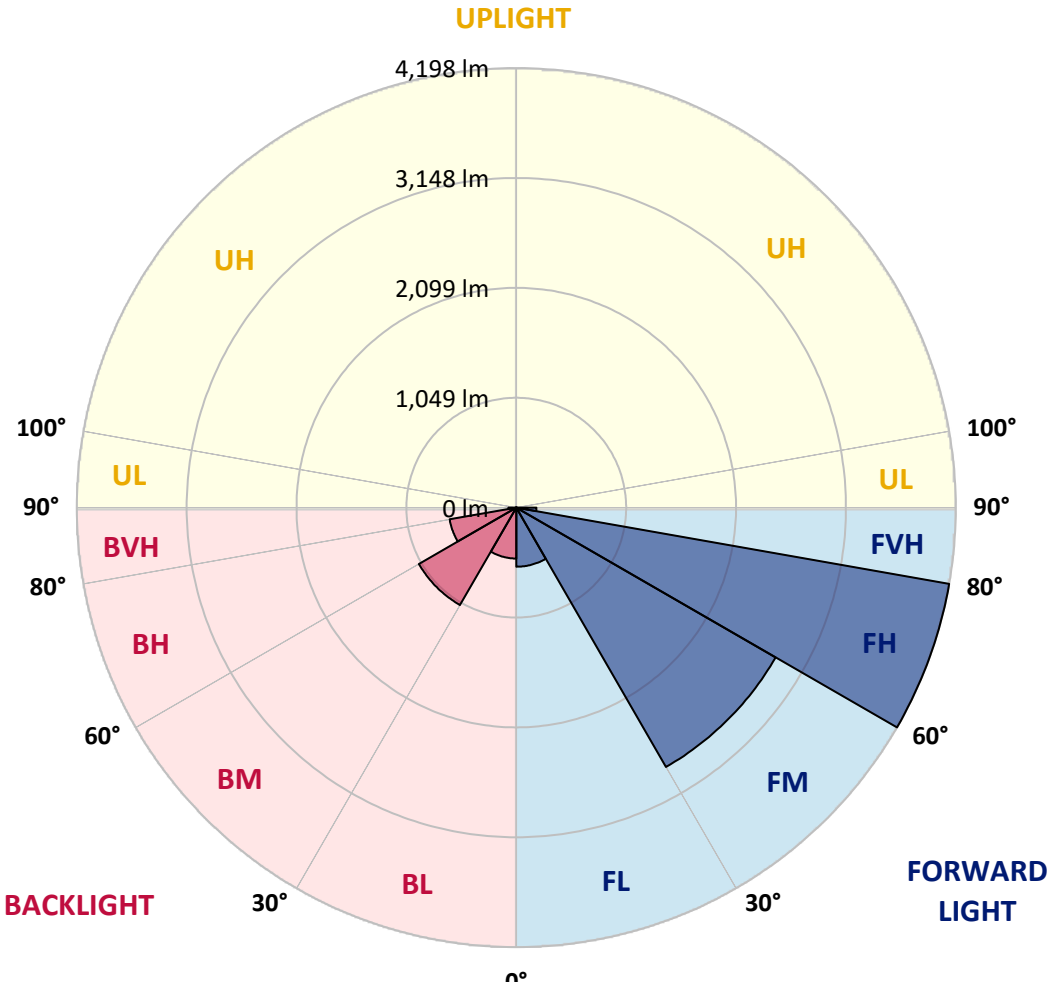
Scaled Data Report

REPORT NUMBER: P1199881
CATALOG NUMBER: GPC-SB2B-830-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	564.6	5.6			
FM	(30°-60°)	2860.0	28.3			
FH	(60°-80°)	4197.6	41.6			G2/5000
FVH	(80°-90°)	192.2	1.9			G2/225
BL	(0°-30°)	486.0	4.8	B1/500		
BM	(30°-60°)	1074.8	10.6	B2/2500		
BH	(60°-80°)	646.1	6.4	B2/1000		G2/1000
BVH	(80°-90°)	75.7	0.7			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 Short



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REPORT NUMBER: P1199881
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1018.6	1018.6	1018.6	1018.6	1018.6	*1018.6*	1018.6	1018.6	1018.6	1018.6	1018.6
2.5°	1058.5	1065.4	1059.0	1053.2	1050.5	*1043.6*	1043.1	1038.8	1036.1	1028.7	1026.6
5°	1132.4	1141.5	1130.8	1119.1	1108.5	*1091.5*	1089.3	1077.1	1063.3	1047.3	1038.3
7.5°	1215.9	1223.9	1211.7	1194.1	1175.5	*1147.3*	1146.8	1124.4	1102.6	1075.5	1060.1
10°	1288.8	1299.4	1282.9	1259.0	1235.6	*1203.7*	1200.0	1174.4	1146.8	1111.7	1088.3
12.5°	1353.2	1360.6	1344.6	1315.4	1288.3	*1256.4*	1251.6	1223.4	1192.5	1152.6	1122.8
15°	1404.2	1413.8	1392.5	1361.1	1332.4	*1301.0*	1296.8	1271.2	1240.4	1198.4	1160.1
17.5°	1437.7	1445.7	1423.9	1388.8	1361.1	*1335.1*	1331.9	1310.6	1283.5	1240.9	1200.0
20°	1450.5	1459.0	1436.1	1400.5	1375.0	*1354.8*	1353.2	1337.7	1319.1	1280.3	1238.8
22.5°	1463.3	1471.2	1441.5	1404.2	1381.9	*1369.1*	1368.6	1358.5	1351.0	1319.1	1278.7
25°	1514.9	1517.0	1477.1	1423.4	1391.5	*1380.3*	1379.8	1379.2	1382.4	1357.4	1321.8
27.5°	1559.5	1559.0	1525.0	1474.4	1425.0	*1401.6*	1401.0	1406.3	1416.5	1395.7	1366.5
30°	1625.0	1619.1	1578.7	1526.0	1480.8	*1444.6*	1441.5	1436.7	1444.6	1428.2	1411.1
32.5°	1763.8	1745.2	1679.7	1586.1	1527.1	*1499.4*	1495.2	1465.4	1468.6	1458.5	1450.0
35°	1962.7	1938.2	1851.0	1700.0	1584.5	*1545.2*	1543.0	1505.3	1498.9	1489.9	1493.0
37.5°	2199.4	2169.1	2067.5	1864.8	1683.5	*1598.4*	1595.2	1561.1	1535.1	1525.5	1543.6
40°	2437.2	2398.9	2314.8	2065.9	1829.2	*1687.2*	1677.1	1625.5	1595.7	1579.7	1618.0
42.5°	2668.0	2636.1	2564.3	2291.4	2009.0	*1817.0*	1794.6	1706.3	1684.0	1669.1	1738.3
45°	2872.3	2843.5	2790.9	2532.4	2219.6	*1993.6*	1971.8	1827.6	1820.7	1820.7	1920.7
47.5°	3038.2	3031.8	2976.0	2778.1	2468.0	*2194.6*	2156.9	1996.2	2014.8	2043.6	2179.7
50°	3222.3	3204.7	3145.1	3020.1	2760.0	*2424.9*	2394.1	2203.1	2272.8	2351.5	2554.2
52.5°	3391.4	3401.0	3334.5	3272.3	3089.8	*2681.8*	2627.6	2447.3	2597.8	2728.1	2993.0
55°	3565.3	3565.9	3547.2	3538.7	3435.5	*2965.9*	2906.3	2740.9	2980.2	3141.9	3504.7
57.5°	3728.6	3729.7	3757.3	3832.3	3836.6	*3293.5*	3226.0	3101.5	3405.2	3570.1	4032.3
60°	3874.4	3881.8	3957.3	4132.9	4189.3	*3669.1*	3605.2	3527.6	3844.6	4010.5	4587.1
62.5°	3923.3	3950.4	4118.5	4368.0	4537.6	*4129.7*	4066.9	4020.6	4306.3	4460.5	5050.9
65°	3840.3	3902.6	4227.6	4562.1	4896.2	*4677.0*	4614.8	4564.2	4786.0	4931.3	5431.8
67.5°	3636.6	3716.9	4221.2	4765.8	5331.2	*5335.5*	5277.5	5158.9	5300.4	5356.2	5555.7
70°	3099.9	3220.1	3849.4	4841.9	5830.7	*6236.0*	6180.2	5874.8	5813.7	5543.5	5206.8
72.5°	*1997.3*	*2159.0*	*2834.5*	*4215.8*	*5941.9*	*7083.3*	*7080.1*	*6521.1*	*5975.9*	*5179.7*	*4176.0*
75°	728.7	827.6	1317.0	2646.2	4987.6	*7040.2*	7061.0	6410.5	5455.2	4001.0	2601.5
77.5°	265.4	290.4	429.8	1017.0	3067.5	*5648.8*	5691.9	5124.9	3882.9	2007.9	1030.8
80°	139.4	153.2	220.2	394.7	1314.3	*3354.7*	3422.3	3045.7	1825.0	604.8	309.0
82.5°	77.1	83.5	123.4	214.4	592.0	*1434.5*	1475.0	1203.2	642.0	256.4	127.7
85°	41.5	44.1	58.0	117.0	289.4	*497.3*	508.5	359.6	255.8	150.5	61.7
87.5°	12.2	14.9	19.1	37.2	113.3	*111.7*	114.4	71.3	101.1	76.1	20.2
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: P1199881
CATALOG NUMBER: GPC-SB2B-830-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1018.6	1018.6	1018.6	1018.6	1018.6	1018.6	1018.6	1018.6	1018.6	1018.6	1018.6
2.5°	1023.4	1021.8	1015.9	1013.3	1010.1	1009.5	1012.2	1012.7	1013.3	1013.8	1015.9
5°	1033.0	1027.6	1022.3	1019.1	1020.2	1020.7	1026.0	1029.8	1032.4	1034.5	1035.6
7.5°	1051.6	1047.3	1038.3	1037.7	1039.3	1044.1	1051.0	1059.5	1064.3	1068.1	1069.1
10°	1079.2	1071.2	1060.6	1062.2	1065.4	1072.3	1086.7	1093.6	1101.6	1108.5	1106.9
12.5°	1107.4	1100.5	1088.3	1089.3	1094.7	1106.9	1120.7	1129.2	1134.5	1139.9	1142.0
15°	1144.1	1131.9	1118.6	1118.6	1128.2	1141.5	1147.8	1154.8	1157.9	1163.8	1165.9
17.5°	1181.9	1165.9	1148.4	1147.3	1159.0	1165.4	1169.1	1170.2	1171.2	1177.6	1179.8
20°	1219.6	1202.1	1177.1	1175.0	1177.6	1176.6	1176.0	1175.0	1176.6	1184.5	1187.7
22.5°	1256.9	1236.7	1202.1	1192.5	1185.1	1175.0	1174.4	1173.9	1175.0	1182.9	1188.3
25°	1300.5	1276.0	1229.8	1201.0	1176.0	1162.2	1163.8	1164.3	1165.4	1171.8	1180.3
27.5°	1347.8	1320.7	1255.3	1198.4	1153.2	1143.6	1140.9	1142.5	1146.2	1156.4	1166.5
30°	1395.2	1363.3	1278.7	1187.7	1124.4	1111.1	1102.6	1106.4	1118.1	1128.2	1139.3
32.5°	1438.3	1406.3	1297.3	1164.3	1087.7	1067.0	1055.8	1060.6	1072.3	1076.0	1089.3
35°	1488.8	1452.6	1305.3	1127.1	1047.8	1015.9	1001.0	994.1	1000.0	996.3	1008.0
37.5°	1545.2	1507.4	1304.2	1078.2	1001.0	964.3	943.6	917.5	905.3	892.5	900.5
40°	1628.7	1574.4	1291.5	1019.1	943.1	909.6	872.3	828.2	800.5	775.5	777.1
42.5°	1742.5	1667.5	1268.1	954.2	877.6	846.3	795.7	744.1	700.5	659.0	655.3
45°	1912.2	1789.3	1238.8	885.1	806.9	776.0	721.3	663.3	613.8	560.6	554.2
47.5°	2156.9	1953.1	1211.1	806.4	732.4	704.2	654.8	601.0	542.5	490.9	485.1
50°	2493.0	2188.2	1185.6	729.8	659.0	637.7	598.4	543.6	484.6	443.1	440.4
52.5°	2920.7	2507.9	1175.0	655.8	590.4	582.4	551.0	500.0	444.1	409.0	406.4
55°	3411.6	2890.4	1175.0	585.1	530.3	533.0	511.2	463.8	415.4	384.0	380.8
57.5°	3912.7	3277.6	1153.7	519.7	479.2	490.4	476.6	435.1	391.5	359.0	353.7
60°	4374.4	3602.0	1067.5	460.1	434.0	451.6	442.5	406.9	353.7	326.6	322.3
62.5°	4729.1	3785.0	901.6	412.8	396.8	417.0	412.2	369.7	346.8	335.6	331.9
65°	4906.8	3755.2	689.3	370.7	365.4	396.8	386.7	385.1	367.0	354.2	350.0
67.5°	4797.7	3498.8	500.0	339.9	347.3	378.2	417.0	423.4	389.9	364.9	360.6
70°	4319.6	3035.0	372.3	310.6	324.5	378.7	475.5	443.1	382.4	353.2	348.4
72.5°	*3286.1*	*2263.2*	*288.8*	*279.8*	*294.7*	*381.4*	*501.6*	*434.0*	*361.2*	*390.4*	*387.2*
75°	1879.2	1242.5	231.9	242.0	257.4	356.4	488.3	410.6	344.7	358.5	358.5
77.5°	716.5	477.6	191.5	204.8	206.9	311.2	467.0	409.0	328.2	320.2	292.0
80°	248.4	186.7	158.5	162.8	160.1	276.6	447.9	355.8	268.6	240.4	232.4
82.5°	101.6	93.1	125.5	120.2	113.8	214.9	361.7	290.9	219.7	194.1	192.0
85°	44.1	59.0	83.0	72.9	66.0	148.9	289.9	246.3	185.6	160.1	159.6
87.5°	9.0	22.3	35.1	33.0	34.0	99.5	205.8	175.0	131.4	98.4	77.1
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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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

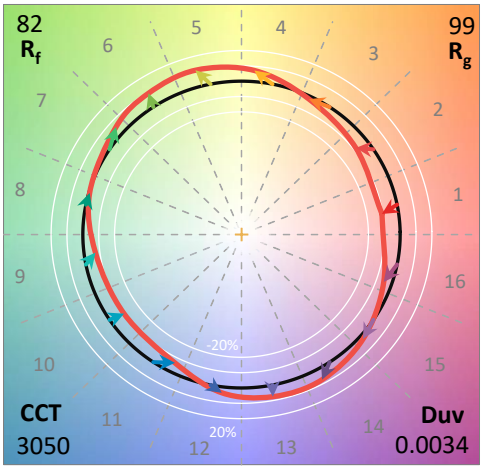
Test Information

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

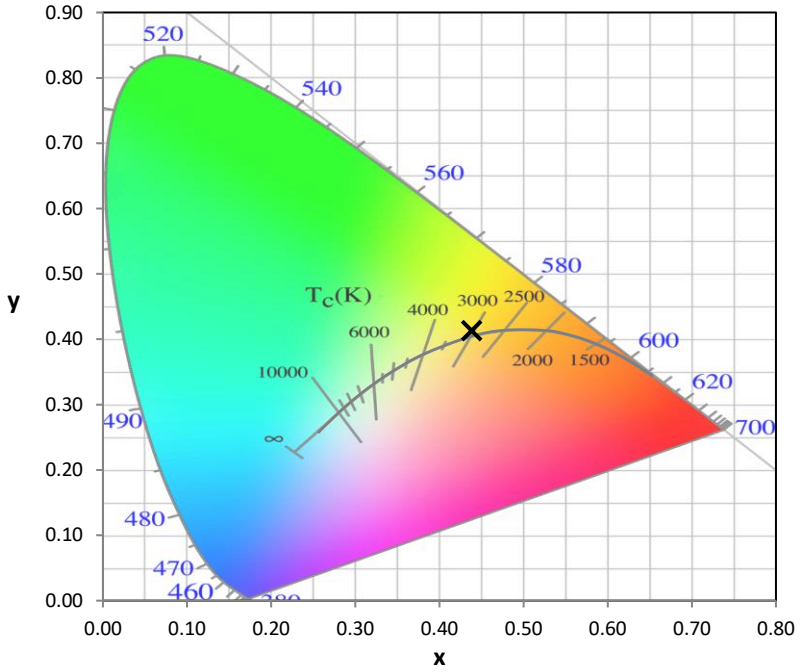
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

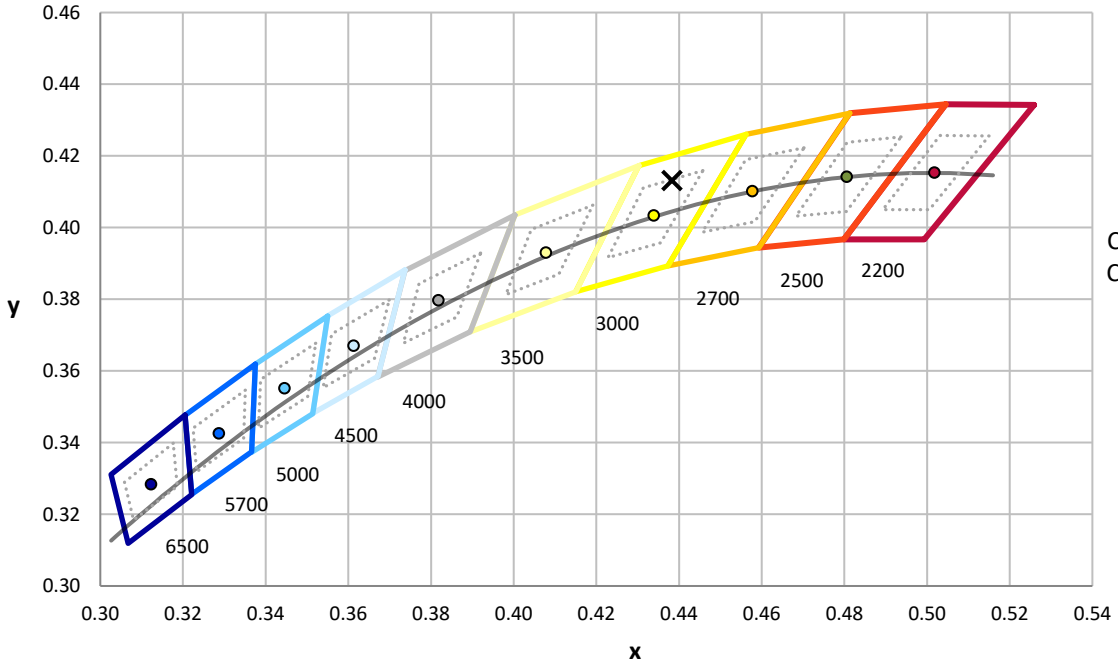
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

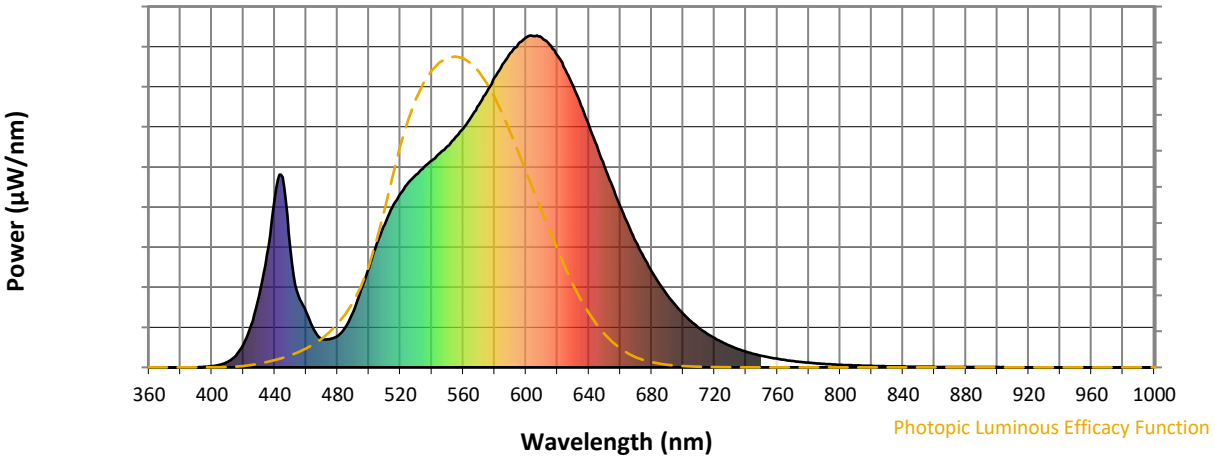


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

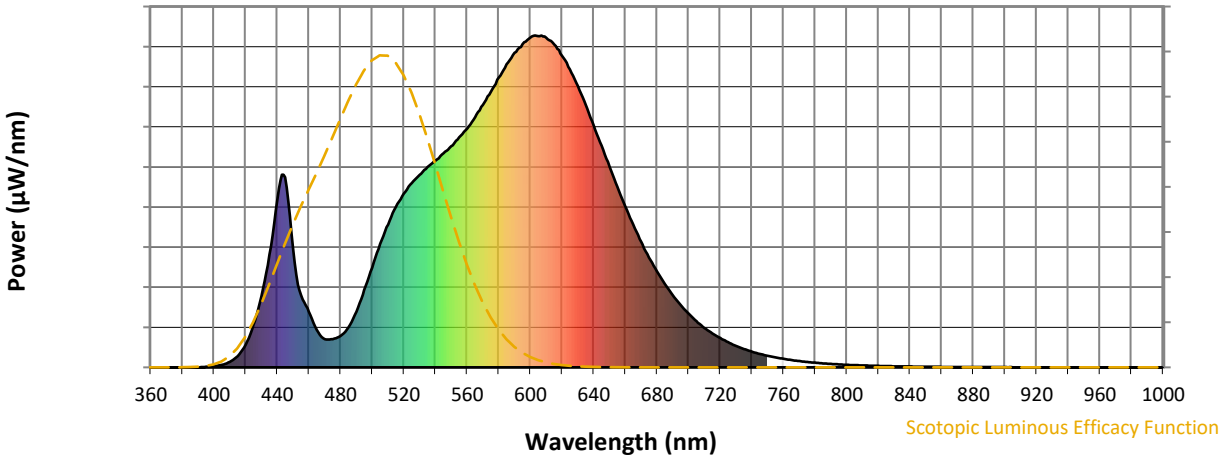


Photopic Lumens: NR

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

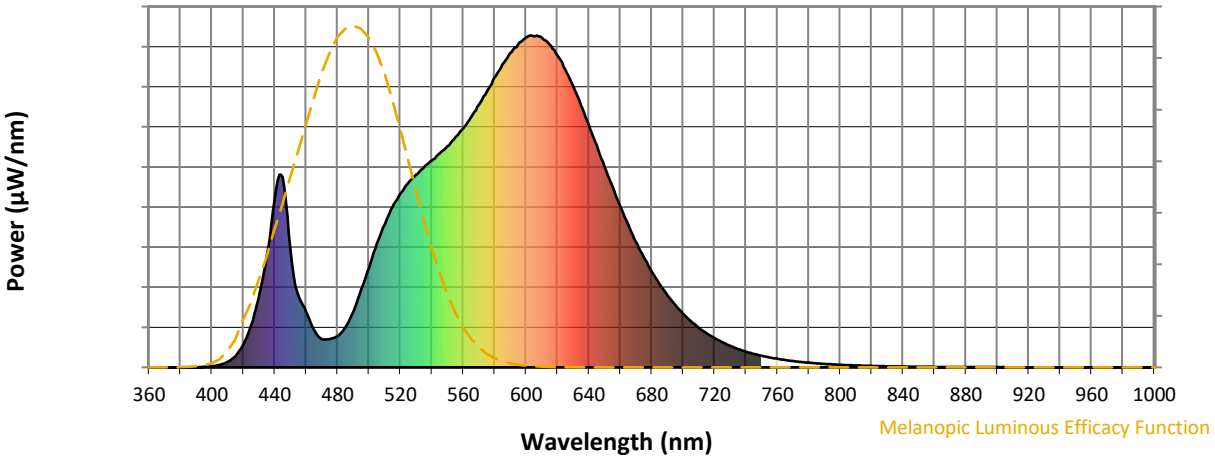


Scotopic Lumens: NR **S/P: 1.27**

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			

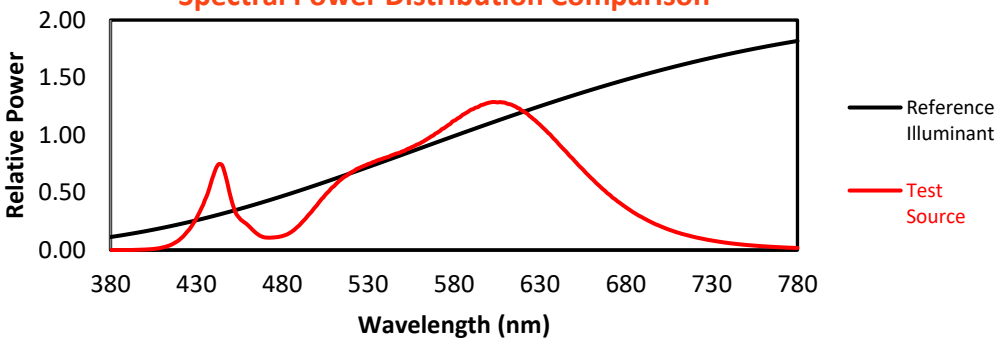
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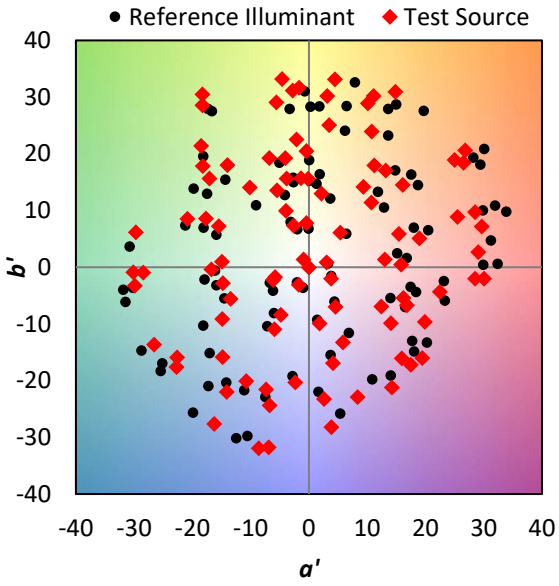
Summary

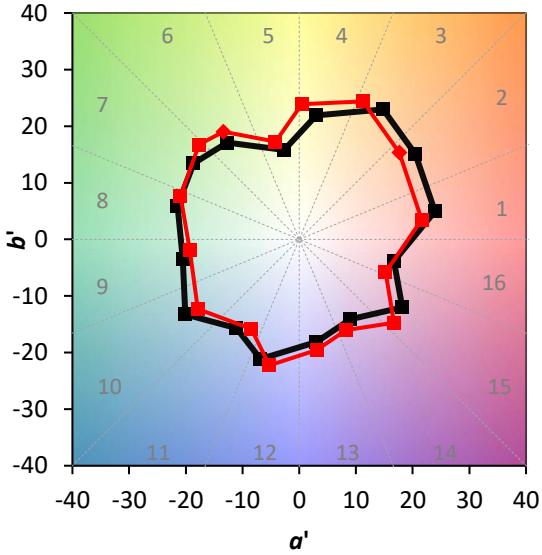
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

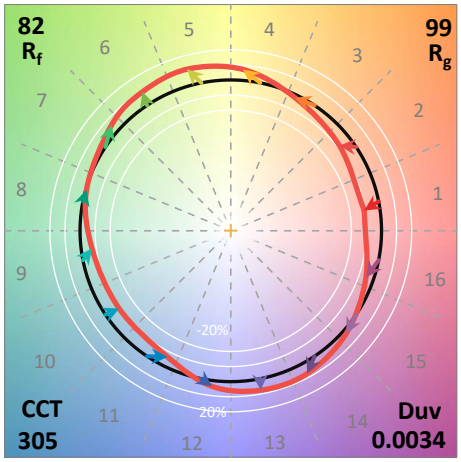
Spectral Power Distribution Comparison

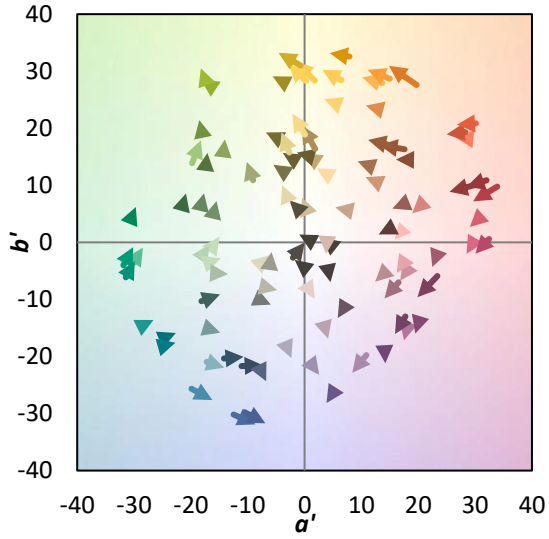


Color Vector Graphics







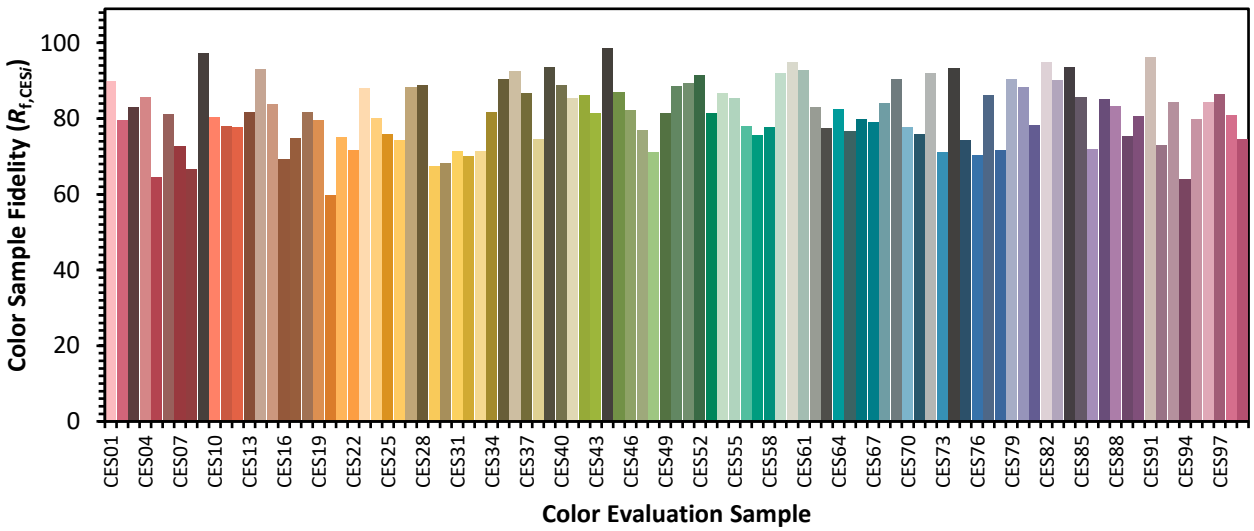


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Individual Sample Fidelity Index ($R_{f,i}$)

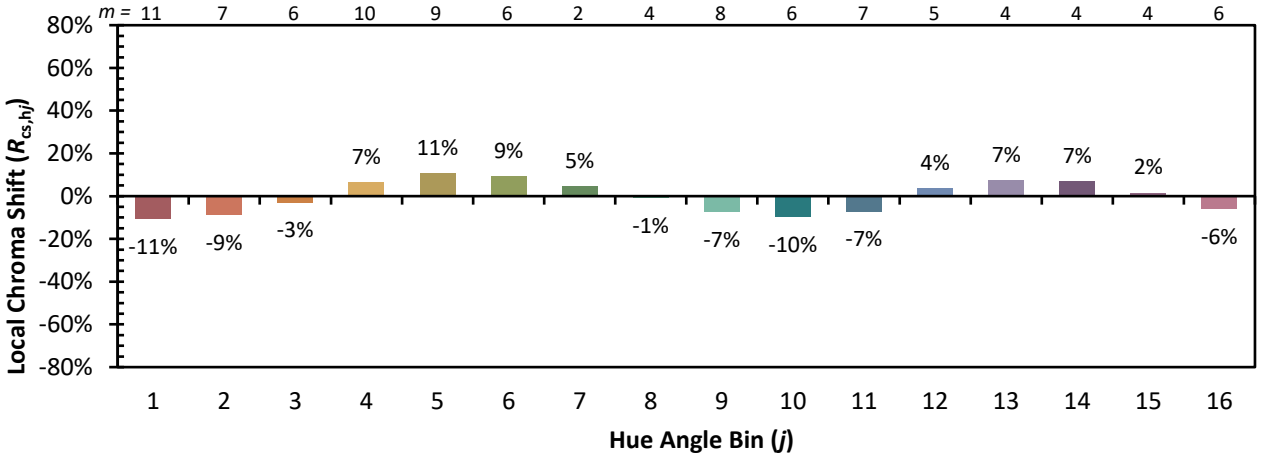
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

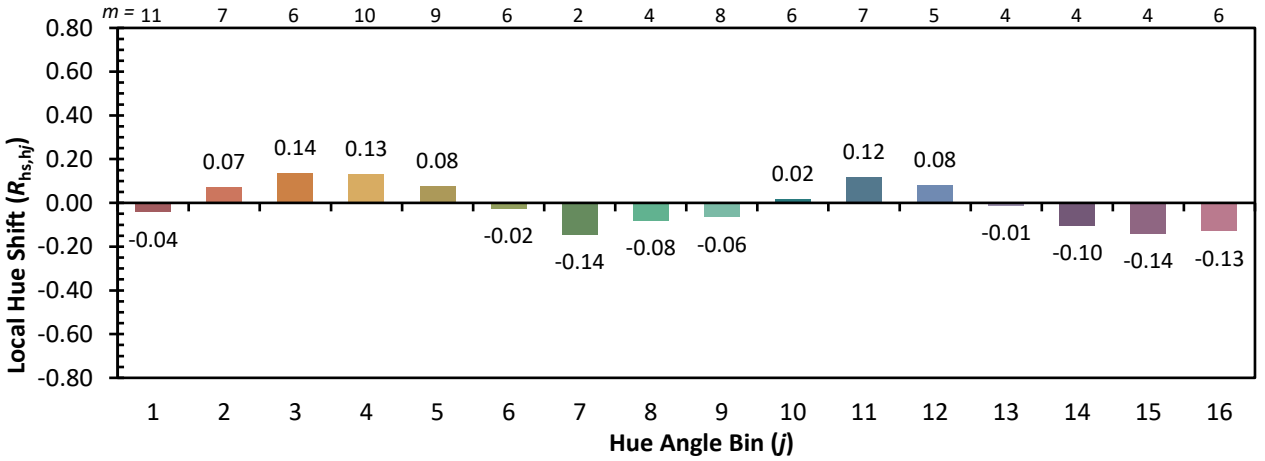


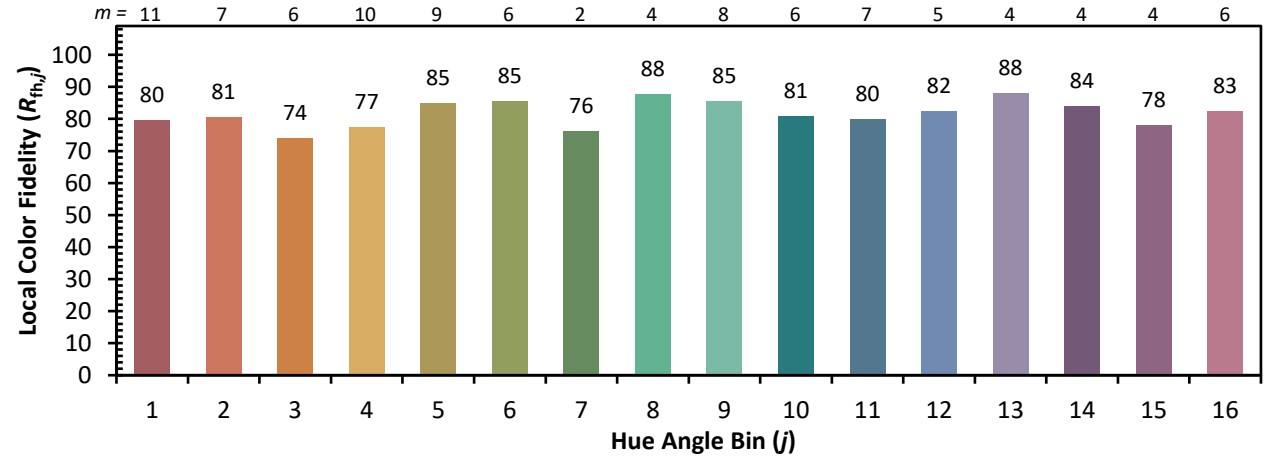
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Color Rendition by Hue-Angle Bin



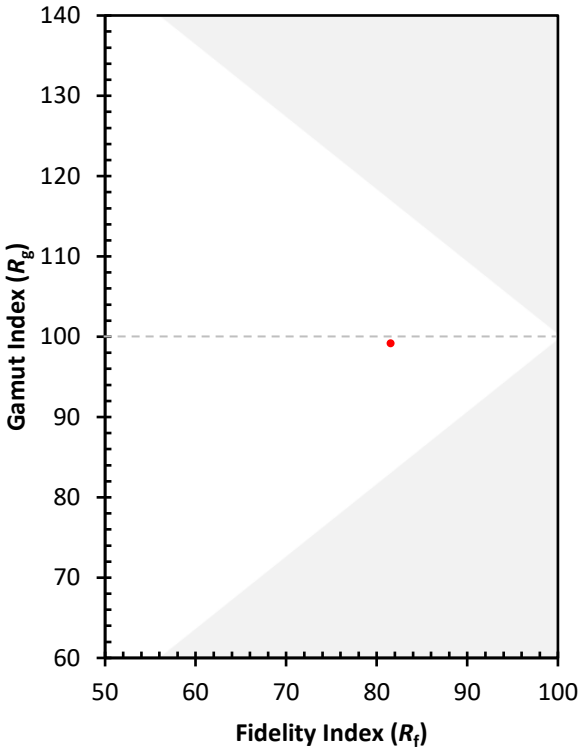


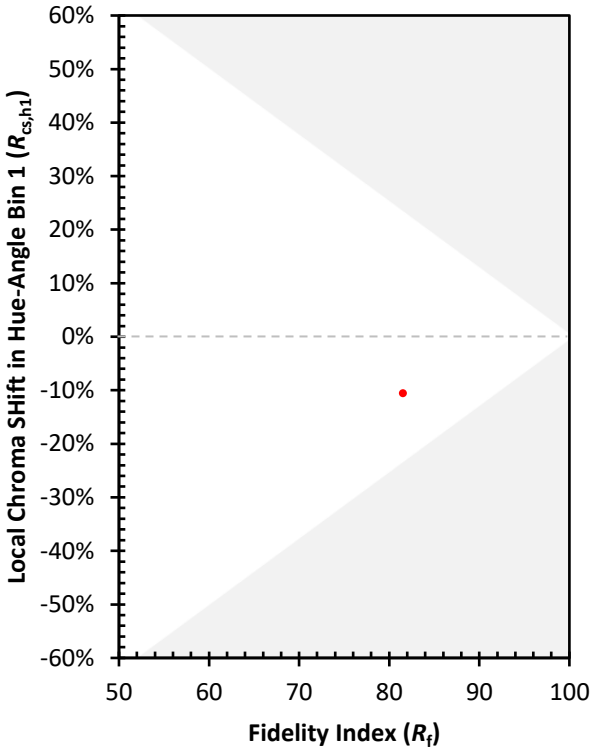


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Measure Comparisons





(END OF REPORT)