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: P1198924

Luminaire Tested: GPC-SB1D-830-U-T3R

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:	P1198924
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-830-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9437 lumens
Efficiency:	N/A
Efficacy:	118.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

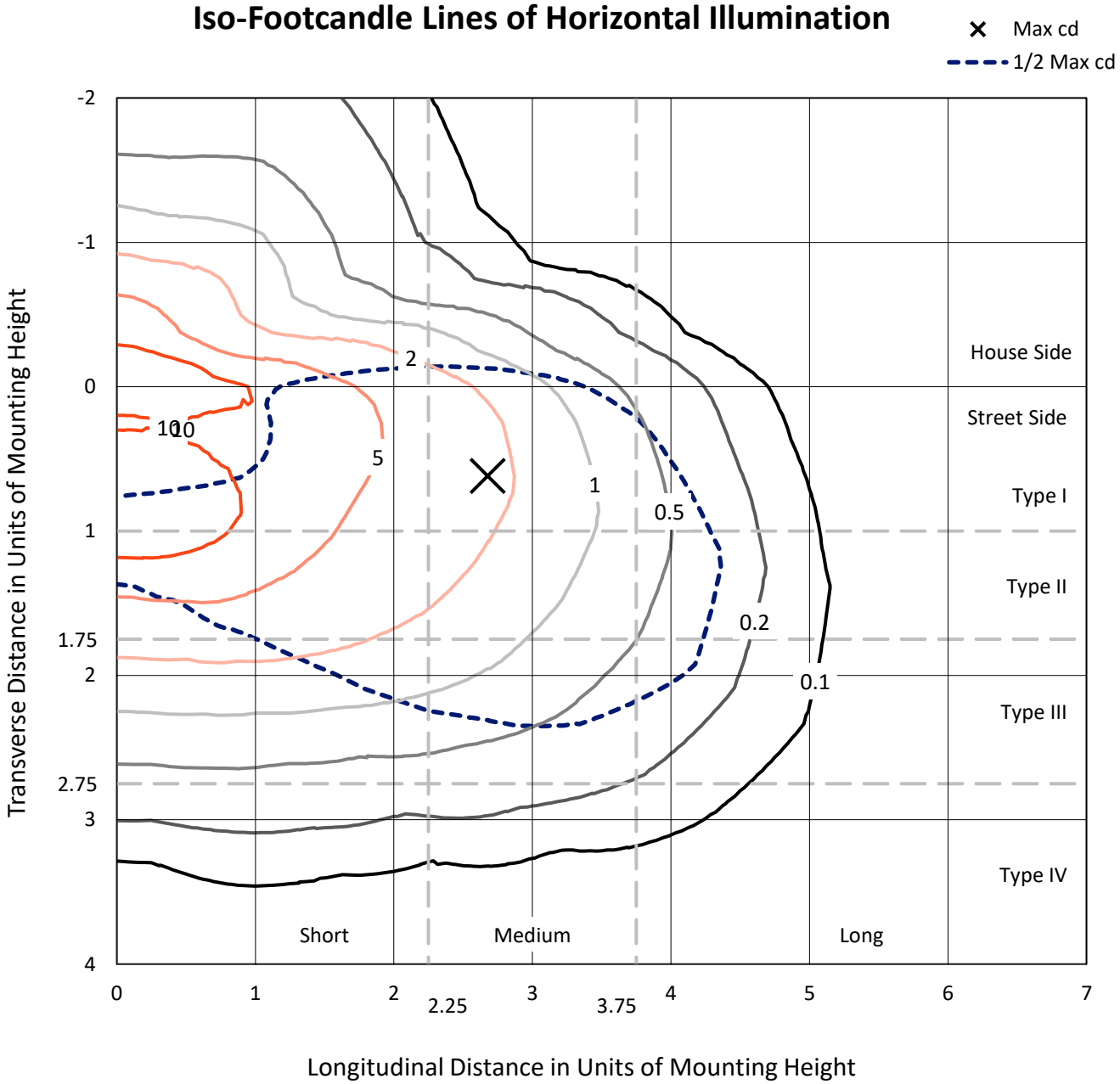


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Scaled Data Report

REPORT NUMBER: P1198924
CATALOG NUMBER: GPC-SB1D-830-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



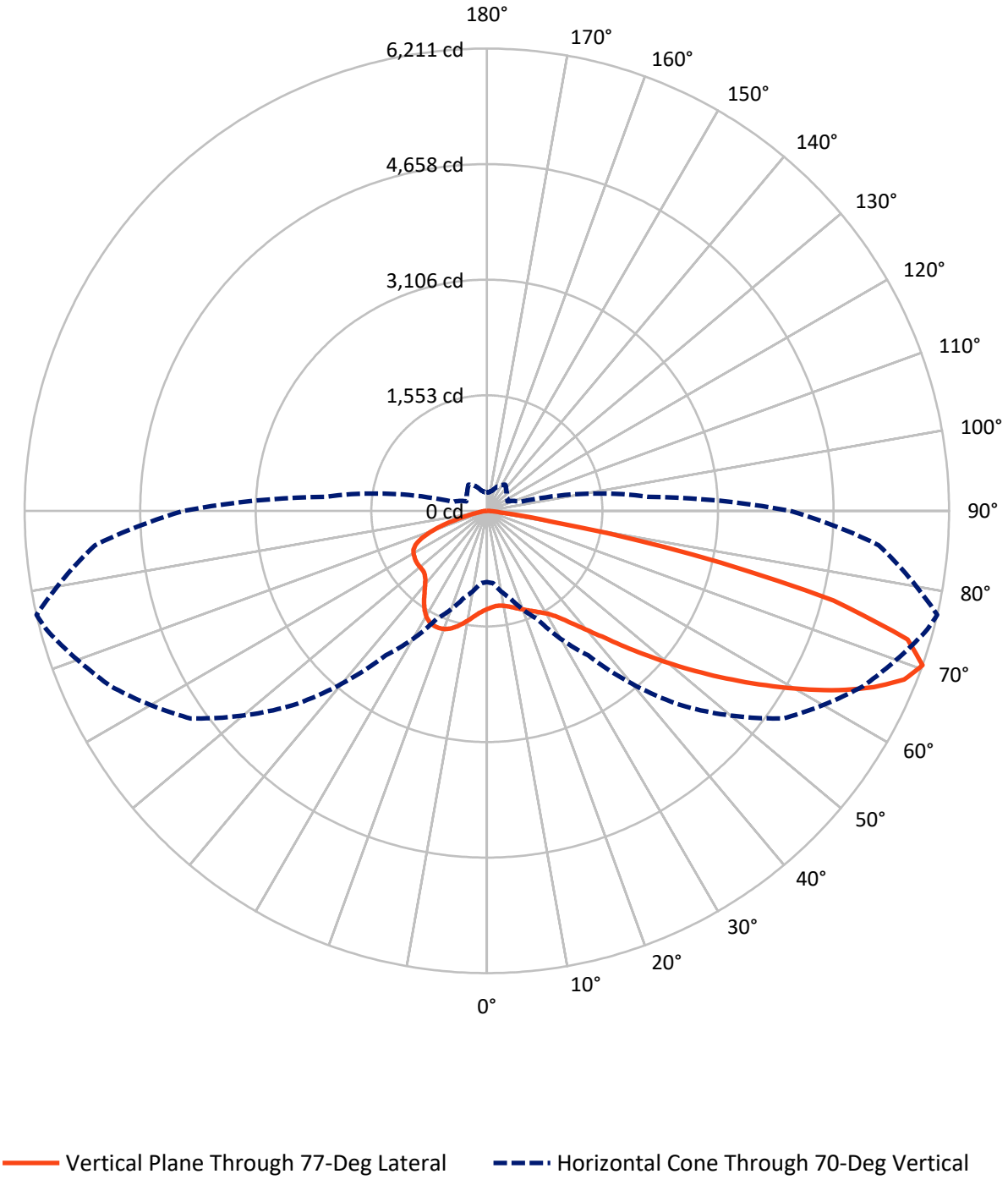
Based on 10 foot mounting height. Maximum calculated value = 15.6 fc
Type III - Medium - N/A

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REPORT NUMBER: P1198924
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Luminous Intensity Polar Plot



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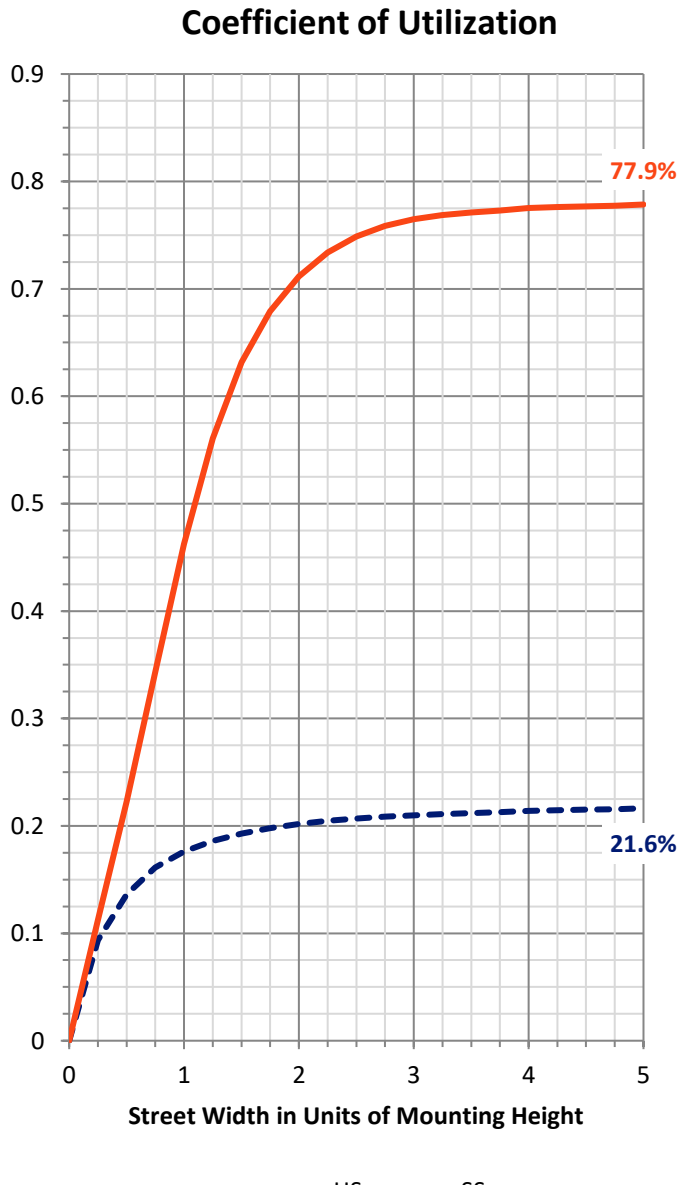
REPORT NUMBER: P1198924
CATALOG NUMBER: GPC-SB1D-830-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2066.5	0.0	2066.5
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	7370.4	0.0	7370.4
	% Fixture	78.1	0.0	78.1
Total	Lumens	9437.0	0.0	9437.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.6	1.3
10°-20°	362.4	3.8
20°-30°	619.7	6.6
30°-40°	996.6	10.6
40°-50°	1555.9	16.5
50°-60°	2078.4	22.0
60°-70°	2215.2	23.5
70°-80°	1363.7	14.5
80°-90°	119.5	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°	9437.0	100.0
0°-180°	9437.0	100.0



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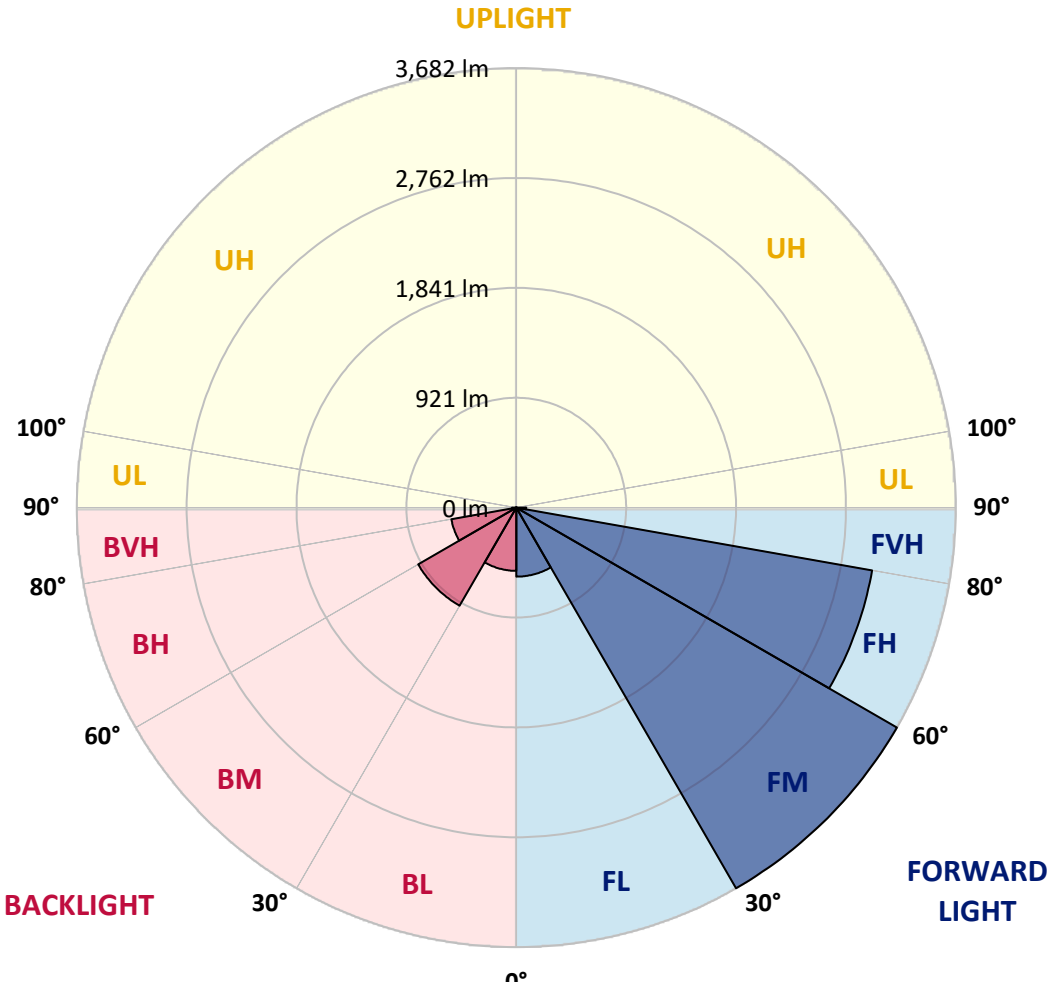
Scaled Data Report

REPORT NUMBER: P1198924
CATALOG NUMBER: GPC-SB1D-830-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	578.2	6.1			
FM	(30°-60°)	3682.1	39.0			
FH	(60°-80°)	3026.6	32.1			G2/5000
FVH	(80°-90°)	83.6	0.9			G1/100
BL	(0°-30°)	529.5	5.6	B2/1000		
BM	(30°-60°)	948.8	10.1	B1/1000		
BH	(60°-80°)	552.3	5.9	B2/1000		G2/1000
BVH	(80°-90°)	35.9	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5
2.5°	1213.6	1213.1	1219.4	1221.3	1232.9	1241.2	1256.6	1273.0	1294.3	1296.7	1309.8
5°	1143.5	1143.5	1150.8	1158.5	1173.5	1189.9	1213.6	1242.1	1278.8	1284.6	1317.0
7.5°	1084.1	1087.9	1094.2	1109.2	1126.6	1150.3	1186.5	1227.1	1275.5	1284.6	1336.8
10°	1036.2	1040.6	1048.3	1060.4	1086.5	1119.4	1166.7	1218.9	1283.7	1298.2	1365.8
12.5°	1021.2	1025.6	1029.9	1039.1	1063.3	1102.0	1158.5	1222.8	1303.5	1318.0	1405.5
15°	1056.0	1061.4	1058.0	1055.6	1068.1	1103.4	1162.4	1236.8	1328.1	1348.9	1454.3
17.5°	1136.3	1138.2	1130.5	1107.8	1105.8	1124.7	1180.7	1256.1	1359.1	1381.8	1503.6
20°	1265.8	1262.4	1246.5	1201.5	1175.9	1172.0	1212.2	1285.1	1391.0	1415.1	1556.8
22.5°	1441.7	1437.9	1406.0	1334.9	1277.9	1240.2	1257.6	1322.8	1426.7	1453.8	1608.5
25°	1661.2	1655.8	1609.0	1512.3	1423.8	1330.6	1319.4	1372.6	1470.7	1495.9	1662.6
27.5°	1917.3	1913.0	1862.2	1734.6	1607.0	1454.3	1396.3	1431.1	1516.6	1545.2	1723.5
30°	2192.8	2205.4	2115.5	1978.2	1816.8	1615.7	1499.7	1503.1	1576.1	1601.7	1797.4
32.5°	2516.6	2538.4	2430.1	2256.1	2035.7	1791.2	1630.2	1603.6	1662.6	1683.9	1890.7
35°	2837.5	2862.2	2772.3	2579.9	2326.2	1998.0	1766.5	1719.1	1777.6	1800.8	2014.5
37.5°	3115.0	3147.8	3101.4	2934.2	2637.0	2247.4	1944.4	1855.0	1919.2	1948.2	2180.7
40°	3333.9	3384.2	3380.8	3276.4	3003.3	2550.0	2170.1	2022.7	2095.2	2126.6	2382.3
42.5°	3511.8	3555.3	3593.0	3587.6	3385.6	2893.6	2435.4	2240.6	2295.7	2332.0	2608.9
45°	3634.5	3680.9	3762.1	3849.6	3753.4	3261.4	2739.4	2499.2	2549.5	2604.1	2879.1
47.5°	3744.2	3796.9	3902.3	4041.0	4065.6	3630.7	3072.4	2800.3	2846.2	2902.8	3150.2
50°	3753.9	3799.3	3962.7	4159.4	4287.5	3985.4	3430.1	3138.2	3181.2	3241.6	3440.7
52.5°	3520.5	3592.0	3877.1	4156.0	4389.5	4282.2	3785.3	3489.5	3537.9	3610.4	3741.3
55°	2732.7	2837.5	3626.3	4026.5	4353.2	4474.0	4123.2	3863.1	3925.0	4000.9	4043.9
57.5°	2353.7	2399.7	2878.6	3790.6	4187.9	4523.8	4408.3	4240.6	4340.2	4423.3	4363.8
60°	2115.5	2153.6	2436.9	3423.8	3970.4	4445.0	4628.7	4592.5	4764.5	4863.6	4691.0
62.5°	1860.3	1896.5	2154.1	2858.8	3692.0	4314.1	4767.9	4917.2	5199.5	5307.8	4999.4
65°	1607.0	1638.0	1884.9	2402.1	3338.3	4183.1	4839.9	5198.0	5602.1	5714.2	5255.6
67.5°	1324.8	1350.4	1583.8	2026.5	2908.1	4003.8	4875.7	5418.9	5952.5	6048.7	5382.2
70°	956.0	975.8	1217.0	1602.7	2368.2	3695.4	4861.2	5575.5	6134.2	6211.1	5286.5
72.5°	451.9	469.8	753.0	1040.6	1672.8	3095.1	4567.8	5451.3	5949.6	5911.4	4700.7
75°	241.2	256.6	432.6	570.8	883.5	2121.7	3738.0	4695.9	4996.0	4810.4	3474.1
77.5°	163.4	175.4	267.8	342.7	403.6	1007.2	2402.6	3251.3	3128.0	2821.6	1739.9
80°	129.5	142.1	219.4	232.0	195.3	363.9	992.7	1505.0	1081.2	864.6	494.9
82.5°	99.6	113.6	184.6	168.2	106.3	149.3	289.0	476.1	276.9	210.7	119.9
85°	60.9	75.9	145.0	107.3	59.9	68.1	98.1	132.4	84.6	70.6	43.0
87.5°	30.9	43.5	73.5	39.1	27.1	15.9	26.1	26.1	22.2	19.3	11.1
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: P1198924
CATALOG NUMBER: GPC-SB1D-830-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5	1316.5
2.5°	1321.4	1331.0	1347.5	1362.9	1375.0	1386.6	1398.2	1404.5	1406.4	1414.2	1418.5
5°	1336.8	1354.7	1386.6	1416.6	1435.4	1447.0	1455.3	1460.1	1461.1	1463.5	1467.3
7.5°	1365.4	1393.9	1438.3	1468.3	1482.3	1481.4	1478.0	1465.9	1461.1	1456.7	1457.7
10°	1405.5	1443.2	1497.8	1518.6	1509.9	1486.7	1456.7	1421.4	1405.0	1389.0	1384.2
12.5°	1455.3	1503.1	1556.8	1555.8	1512.8	1453.3	1383.7	1329.6	1295.3	1270.6	1264.8
15°	1515.7	1570.8	1611.9	1579.0	1484.7	1377.9	1275.9	1205.4	1174.5	1147.4	1144.5
17.5°	1578.0	1637.0	1655.8	1571.7	1414.2	1266.3	1150.8	1095.2	1064.7	1050.2	1054.6
20°	1638.9	1697.4	1681.9	1530.2	1306.9	1139.7	1036.7	1006.3	1000.0	1003.4	1001.9
22.5°	1703.2	1755.4	1687.2	1449.9	1170.1	1010.1	953.6	954.5	968.6	978.7	981.1
25°	1768.9	1804.2	1673.2	1333.9	1023.2	914.9	900.9	916.4	943.9	963.7	969.0
27.5°	1832.2	1847.7	1642.8	1190.4	897.0	846.8	849.2	881.1	922.6	950.2	957.0
30°	1903.8	1886.4	1584.3	1029.0	809.6	788.3	808.6	845.8	887.4	912.0	917.8
32.5°	1984.5	1919.7	1491.5	879.6	747.7	741.4	774.8	798.9	817.3	824.5	828.4
35°	2085.0	1966.6	1372.6	774.8	692.1	707.1	739.0	726.9	719.7	715.8	719.7
37.5°	2215.5	2029.9	1233.4	706.6	647.2	682.4	695.5	657.8	629.3	615.3	618.6
40°	2372.6	2122.7	1099.5	653.9	618.6	661.2	638.5	593.0	556.8	537.0	538.4
42.5°	2547.1	2219.9	986.9	614.3	602.7	643.8	596.4	542.3	483.8	477.5	483.8
45°	2730.2	2319.9	910.1	583.8	595.0	628.8	572.2	484.8	443.2	468.8	482.3
47.5°	2913.4	2411.7	863.7	561.1	591.1	611.9	551.0	452.9	423.4	460.6	478.0
50°	3117.4	2493.9	842.9	544.7	586.7	605.1	519.1	444.6	402.6	427.2	445.6
52.5°	3319.9	2557.7	827.4	528.3	580.5	599.8	503.6	435.0	377.5	378.9	389.1
55°	3521.9	2599.3	810.5	506.5	566.4	588.2	502.2	424.3	358.6	351.9	356.7
57.5°	3737.5	2622.9	789.7	482.3	542.3	558.7	500.7	416.1	352.8	341.7	343.2
60°	3956.9	2657.7	762.7	452.9	509.9	523.4	497.3	413.2	349.4	330.6	332.0
62.5°	4153.6	2669.8	730.3	424.8	468.3	488.6	490.1	410.8	340.3	307.9	307.9
65°	4282.6	2617.6	673.7	392.9	423.4	452.9	476.1	402.6	323.8	291.4	291.4
67.5°	4277.3	2468.8	585.3	351.9	379.9	413.2	455.8	388.6	304.0	271.1	272.6
70°	*4078.2*	*2174.9*	*473.2*	*304.0*	*332.0*	*370.7*	*429.7*	*367.8*	*280.3*	*248.9*	*251.8*
72.5°	3497.7	1702.2	343.6	247.9	276.5	326.7	395.8	342.7	256.2	229.1	227.6
75°	2498.7	1077.3	233.0	190.4	215.1	276.9	353.8	313.2	233.9	230.1	217.0
77.5°	1276.4	514.7	154.2	139.2	149.8	218.5	297.2	279.8	237.3	189.9	169.2
80°	415.2	189.9	97.1	94.7	99.6	145.5	230.1	229.6	179.8	129.0	114.1
82.5°	132.4	81.7	63.3	60.9	58.5	91.3	160.5	181.7	121.3	81.7	81.2
85°	52.7	48.8	37.2	34.3	24.6	43.0	84.1	120.8	90.4	59.0	60.4
87.5°	19.3	19.3	10.1	7.2	5.3	14.5	22.7	36.2	51.7	30.4	30.0
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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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

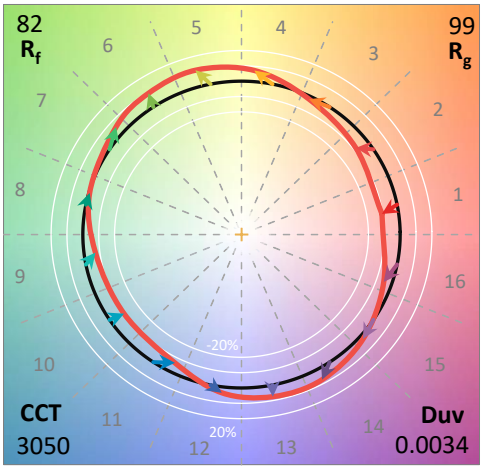
Test Information

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

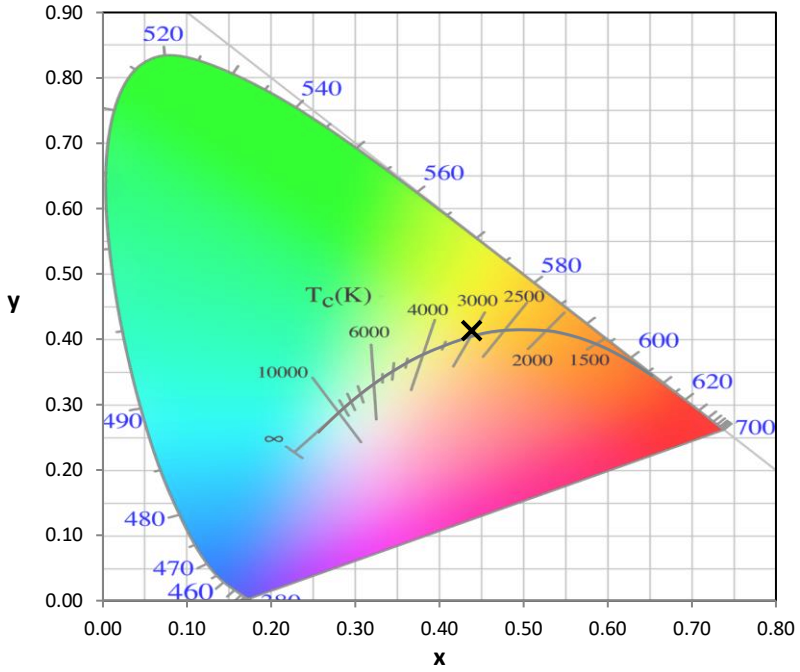
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

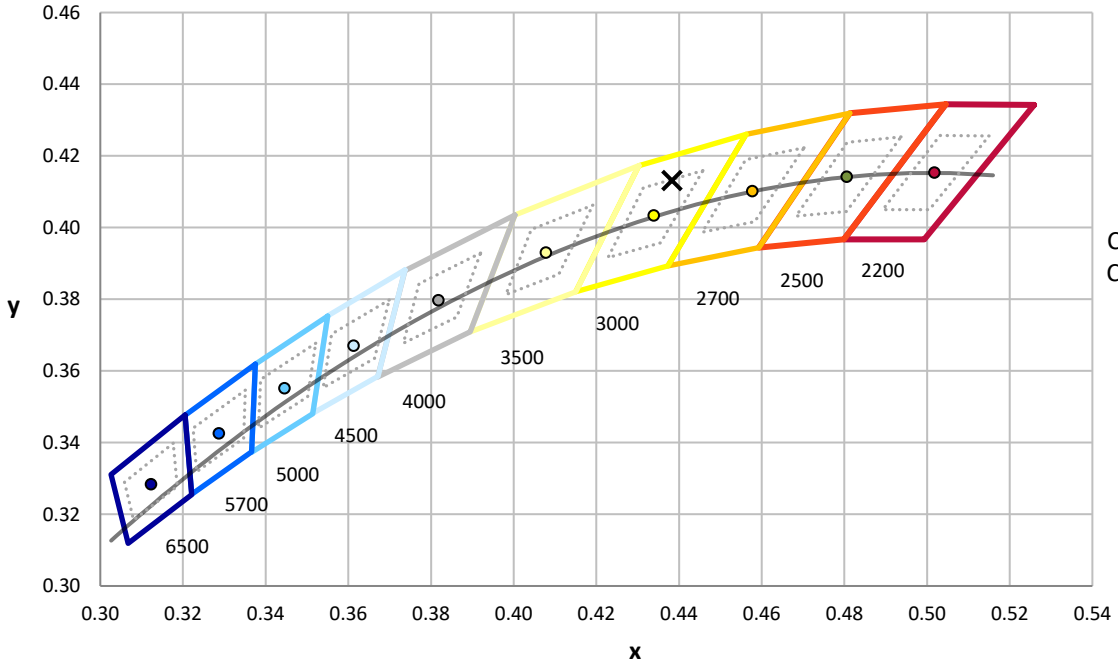
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

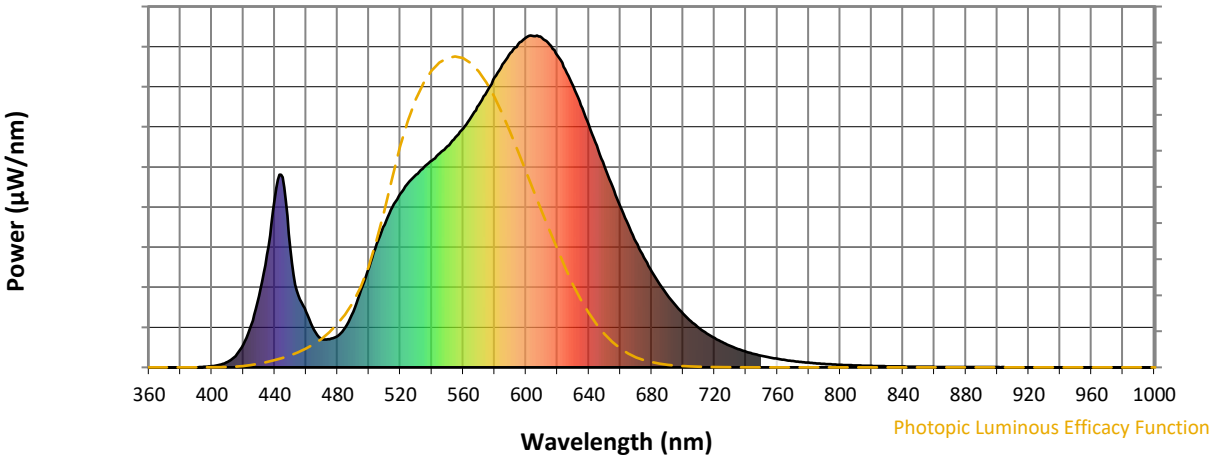


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

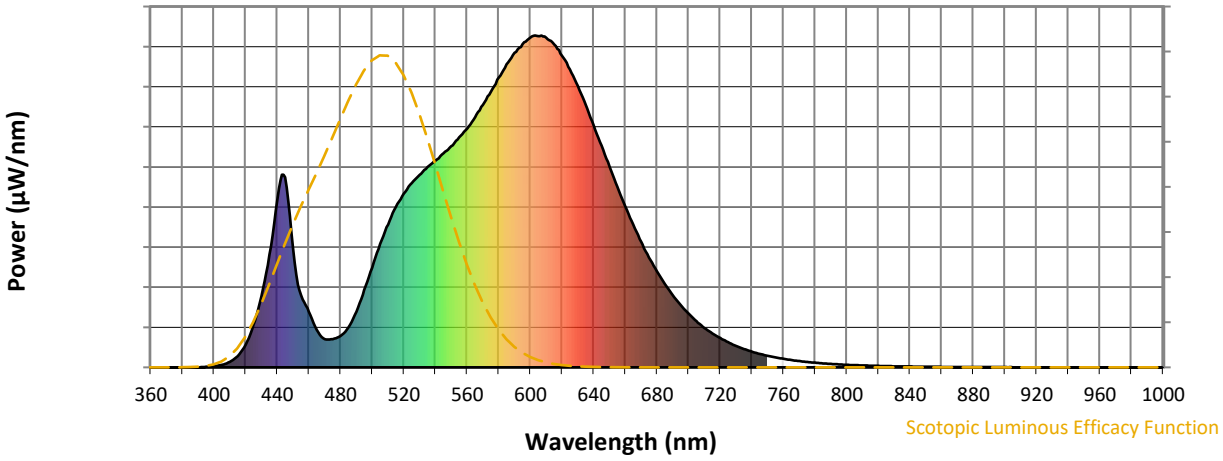


Photopic Lumens: NR

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

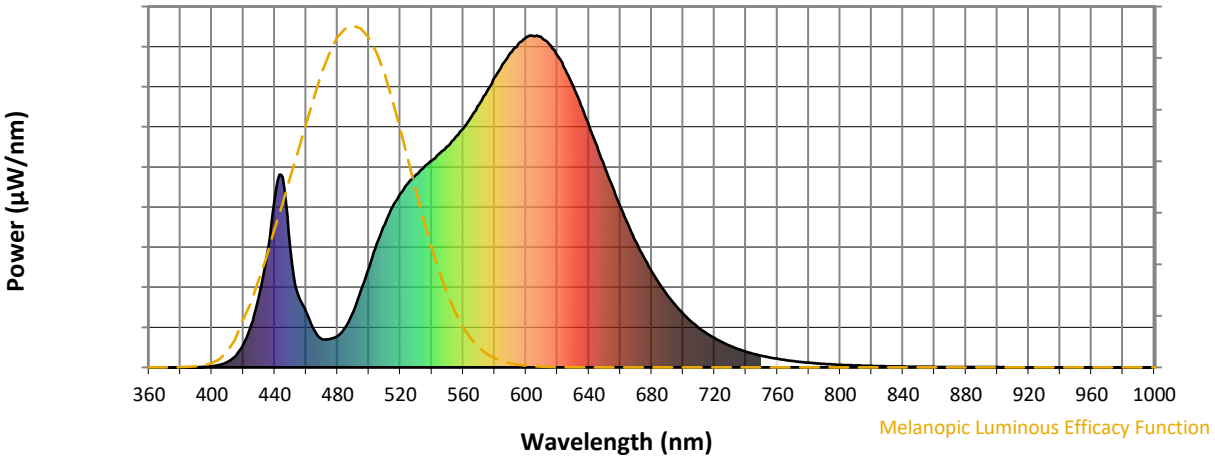


Scotopic Lumens: NR **S/P: 1.27**

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			

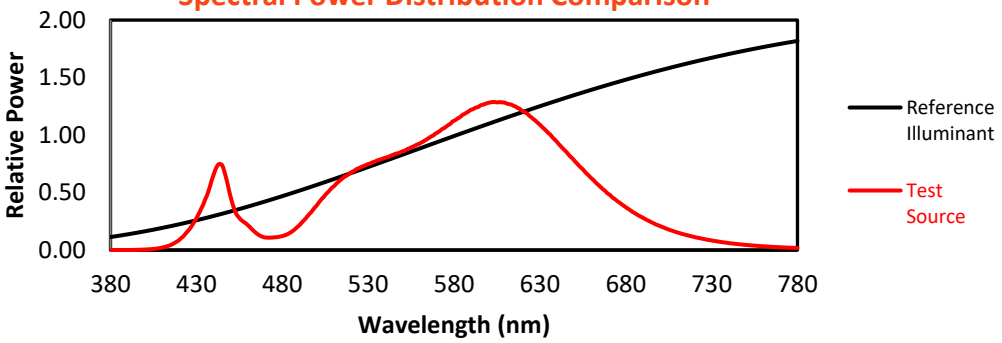
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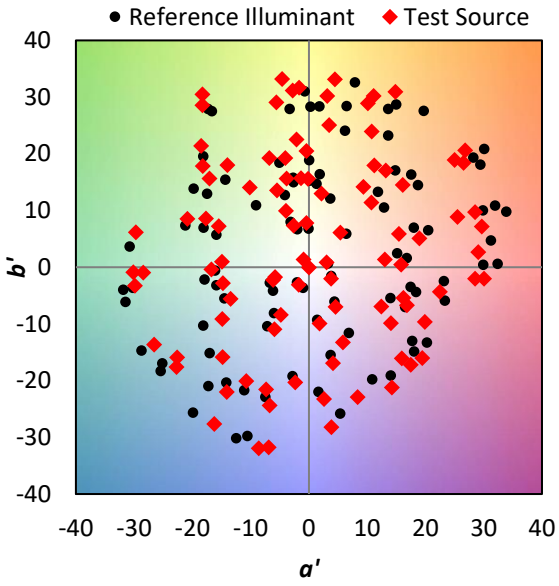
Summary

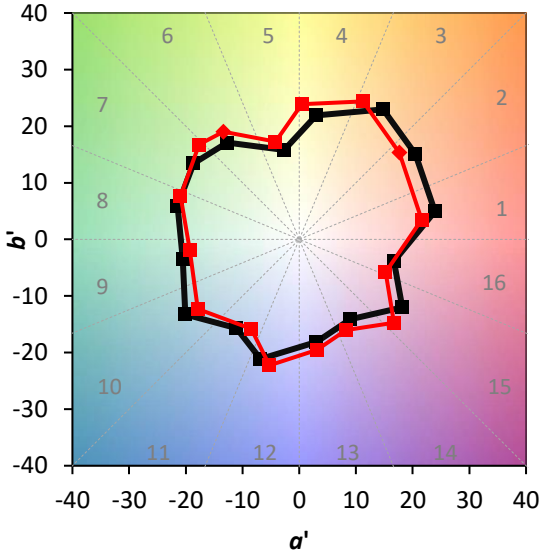
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

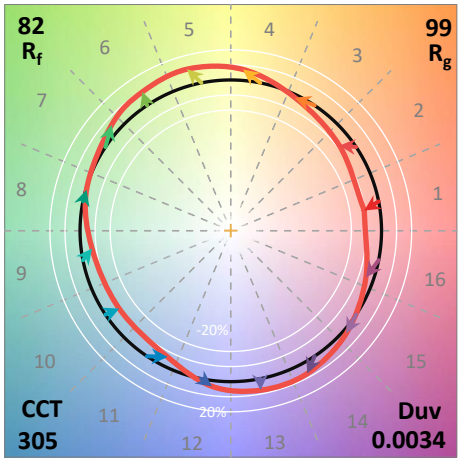
Spectral Power Distribution Comparison

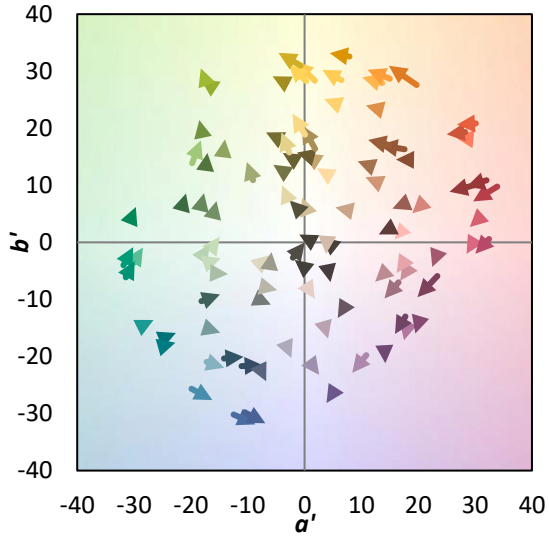


Color Vector Graphics







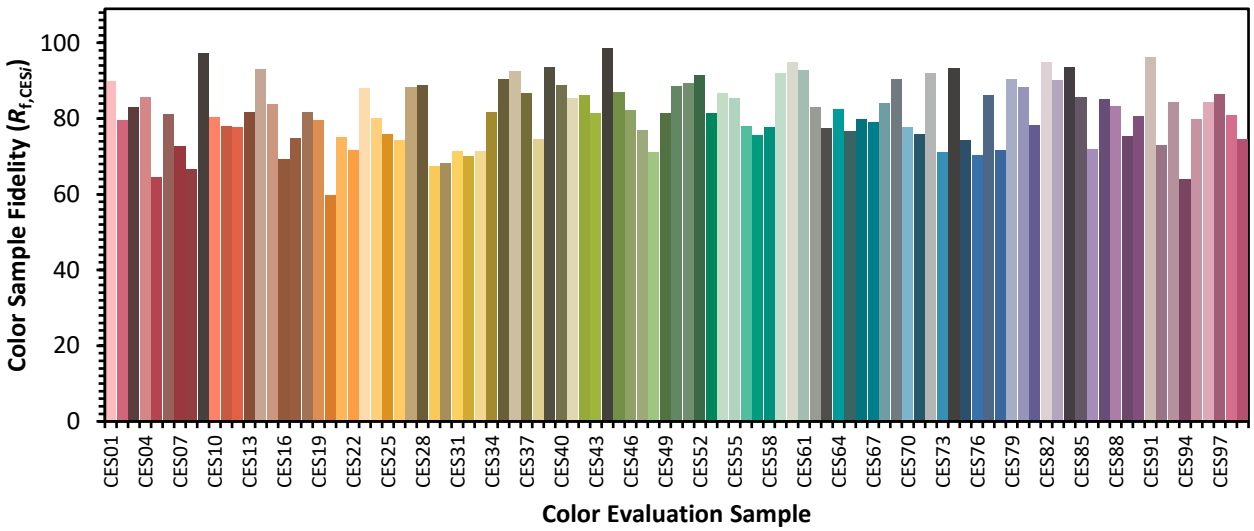


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Individual Sample Fidelity Index ($R_{f,i}$)

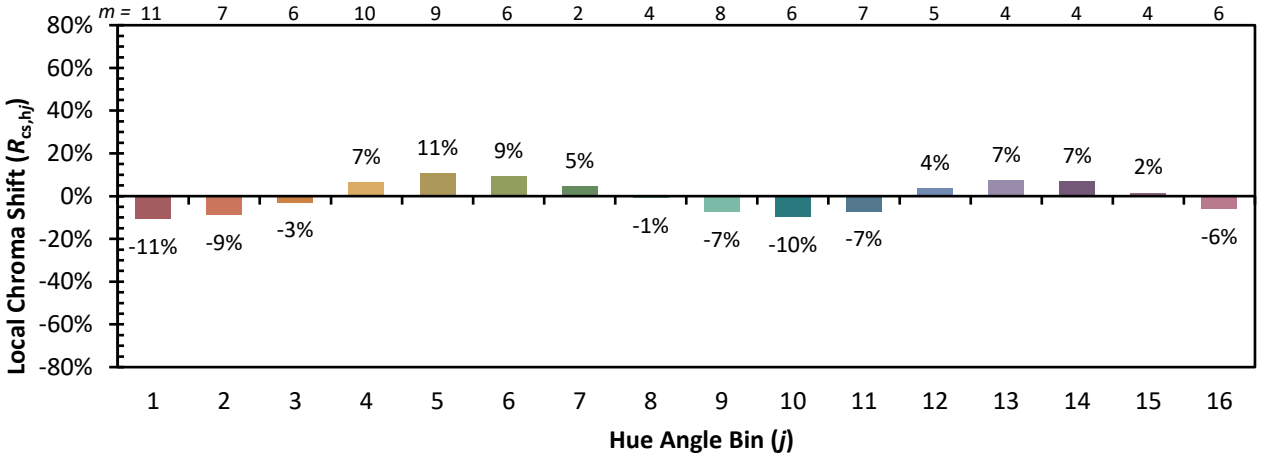
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

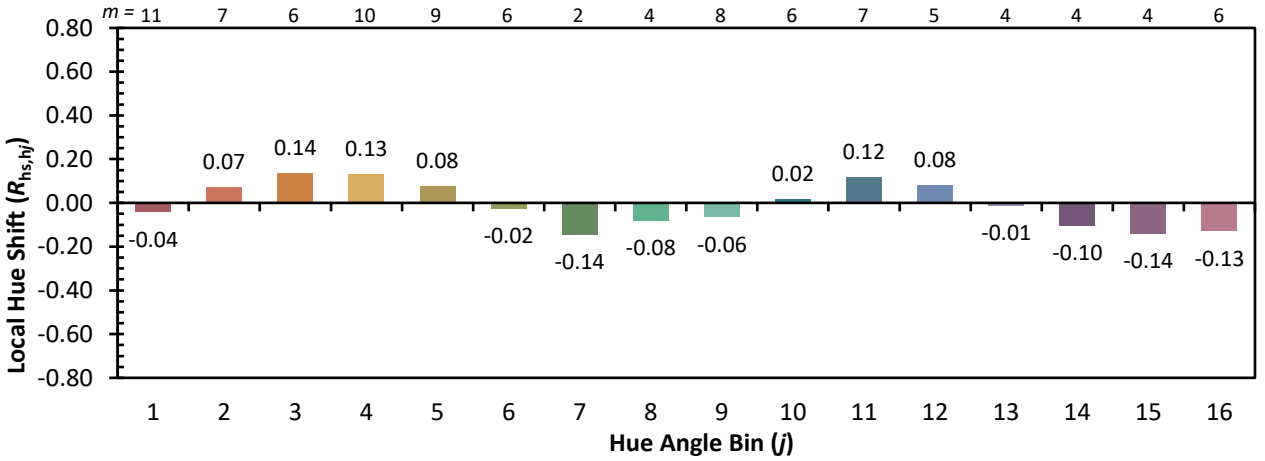


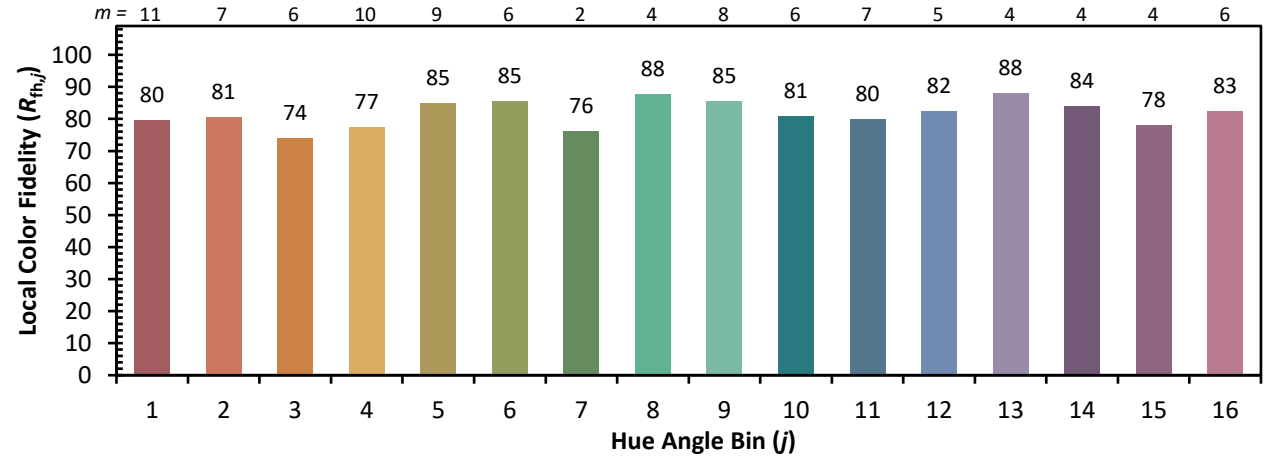
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Color Rendition by Hue-Angle Bin



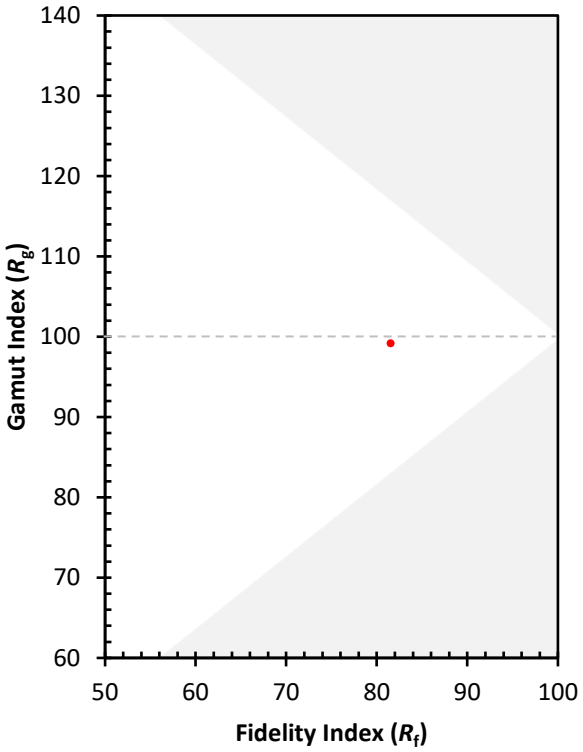


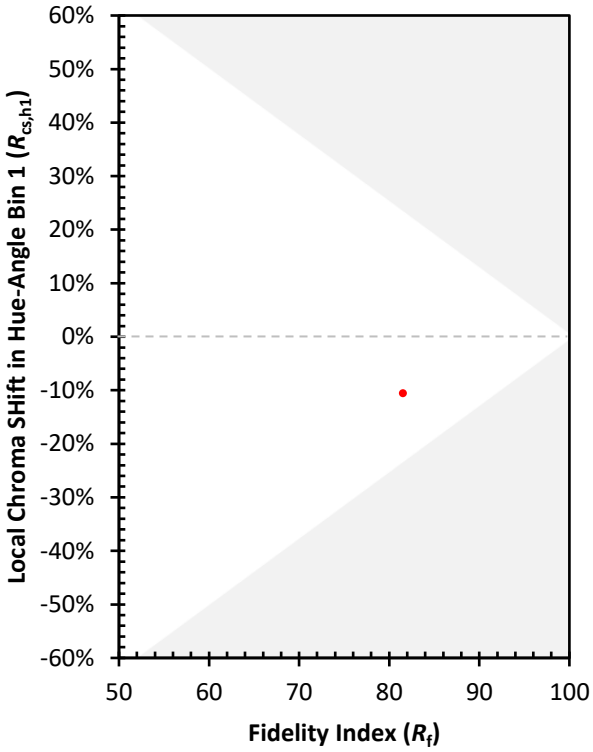


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Measure Comparisons





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