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: P1203118

Luminaire Tested: GWC-SB2B-830-U-T2-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:	P1203118
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-830-U-T2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7388 lumens
Efficiency:	N/A
Efficacy:	100.0 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):	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

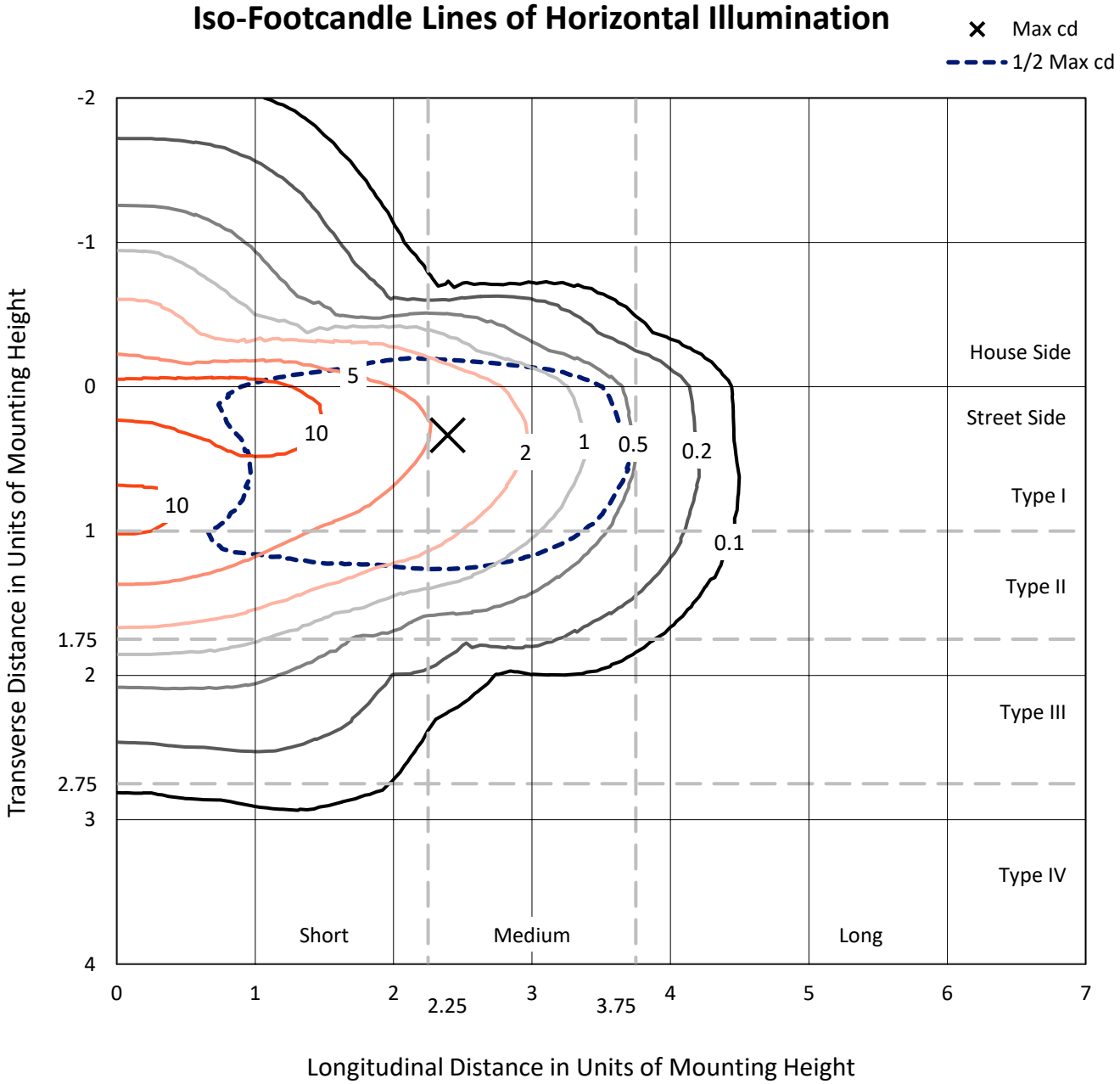


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Scaled Data Report

REPORT NUMBER: P1203118
CATALOG NUMBER: GWC-SB2B-830-U-T2-HSS

Iso-Footcandle Lines of Horizontal Illumination



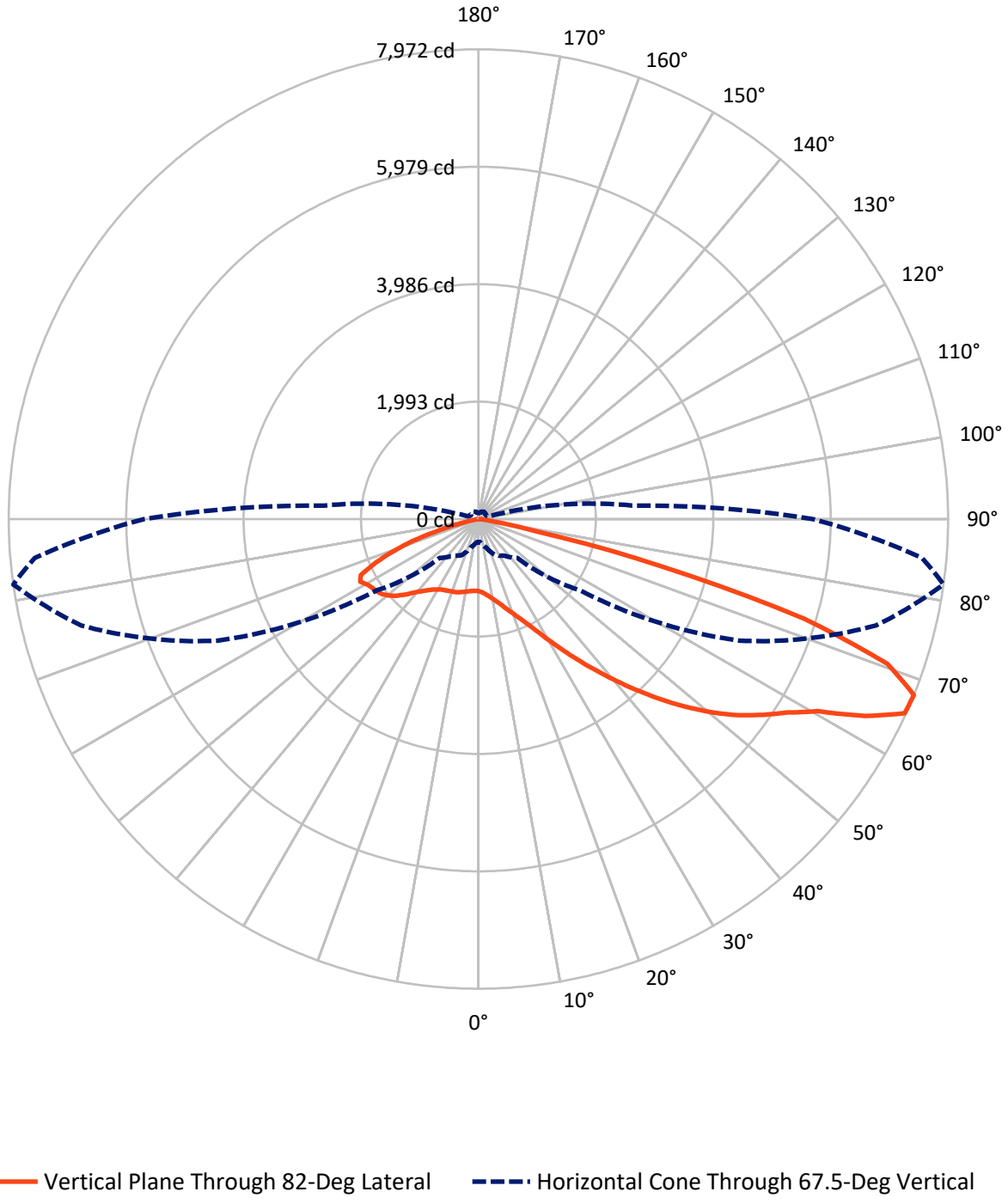
Based on 10 foot mounting height. Maximum calculated value = 17.1 fc
Type II - Medium - N/A

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Scaled Data Report

REPORT NUMBER: P1203118
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Luminous Intensity Polar Plot



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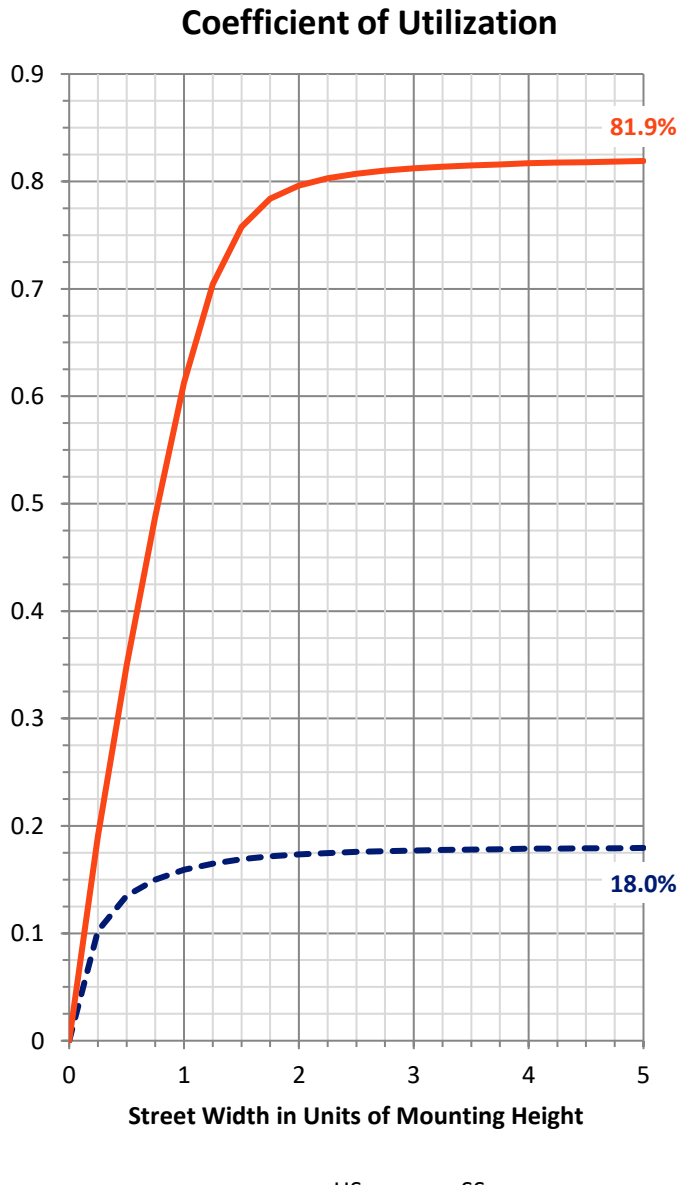
REPORT NUMBER: P1203118
CATALOG NUMBER: GWC-SB2B-830-U-T2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1338.3	0.0	1338.3
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	6049.7	0.0	6049.7
	% Fixture	81.9	0.0	81.9
Total	Lumens	7388.0	0.0	7388.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.0	1.5
10°-20°	283.4	3.8
20°-30°	453.9	6.1
30°-40°	802.6	10.9
40°-50°	1406.2	19.0
50°-60°	1875.4	25.4
60°-70°	1745.9	23.6
70°-80°	670.1	9.1
80°-90°	41.6	0.6
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°	7388.0	100.0
0°-180°	7388.0	100.0



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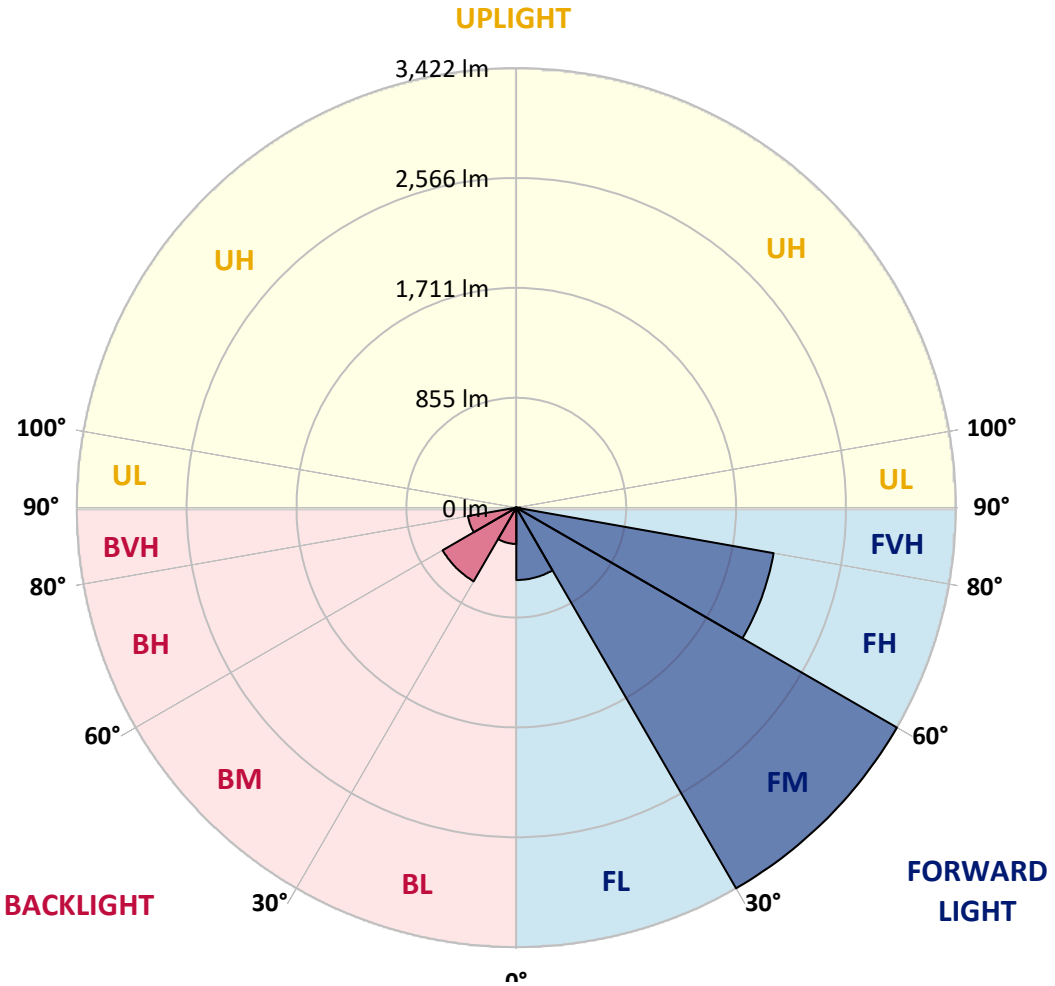
Scaled Data Report

REPORT NUMBER: P1203118
CATALOG NUMBER: GWC-SB2B-830-U-T2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	563.6	7.6			
FM	(30°-60°)	3421.8	46.3			
FH	(60°-80°)	2034.0	27.5			G2/5000
FVH	(80°-90°)	30.3	0.4			G1/100
BL	(0°-30°)	282.6	3.8	B1/500		
BM	(30°-60°)	662.3	9.0	B1/1000		
BH	(60°-80°)	382.0	5.2	B1/500		G1/500
BVH	(80°-90°)	11.4	0.2			G1/100
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: P1203118
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	*1223.9*	1223.9
2.5°	1293.6	1301.1	1296.8	1294.7	1291.0	1285.6	1281.4	1268.1	1254.3	*1245.2*	1242.0
5°	1319.7	1327.1	1326.6	1328.7	1331.4	1333.0	1331.9	1317.0	1297.3	*1281.9*	1272.9
7.5°	1297.3	1305.9	1312.8	1323.4	1342.0	1361.7	1371.3	1368.1	1347.9	*1326.6*	1315.4
10°	1234.0	1243.1	1259.6	1284.6	1323.9	1366.5	1402.1	1418.6	1405.9	*1382.5*	1367.0
12.5°	1118.1	1127.1	1159.6	1213.8	1279.8	1353.7	1421.8	1466.0	1469.2	*1445.8*	1427.7
15°	987.8	996.8	1031.4	1099.5	1200.0	1318.6	1432.5	1516.0	1544.2	*1523.9*	1502.1
17.5°	906.9	914.9	941.0	995.7	1100.5	1248.4	1428.7	1569.2	1633.5	*1617.6*	1591.5
20°	882.5	889.4	901.6	939.9	1027.1	1175.5	1404.3	1619.2	1729.8	*1720.8*	1691.5
22.5°	908.5	914.9	918.6	935.6	990.4	1127.7	1373.4	1670.2	1841.5	*1842.6*	1806.9
25°	968.6	975.0	970.7	981.4	1005.3	1112.8	1361.7	1730.3	1981.9	*1993.6*	1953.2
27.5°	1067.6	1068.1	1058.0	1057.5	1061.2	1135.1	1373.9	1794.7	2159.1	*2180.9*	2130.9
30°	1266.0	1258.0	1219.2	1177.1	1158.0	1202.1	1408.0	1870.8	2368.1	*2406.9*	2344.2
32.5°	1571.8	1560.1	1488.8	1388.3	1287.2	1310.1	1469.2	1957.5	2595.8	*2666.0*	2589.4
35°	1903.7	1900.5	1826.1	1676.6	1500.0	1463.8	1568.6	2071.3	2844.2	*2955.9*	2864.9
37.5°	2212.2	2210.6	2168.1	1992.0	1777.1	1678.2	1728.2	2220.2	3110.1	*3271.8*	3164.4
40°	2494.2	2498.9	2456.4	2298.9	2082.5	1953.2	1945.2	2404.3	3405.9	*3616.0*	3488.3
42.5°	2737.8	2743.1	2700.0	2583.5	2384.1	2257.5	2211.7	2629.8	3694.7	*3985.7*	3834.6
45°	2903.2	2936.2	2929.8	2836.7	2693.6	2562.2	2531.9	2912.8	4024.0	*4377.7*	4200.6
47.5°	2950.0	2980.3	3028.2	3041.0	2953.7	2824.5	2860.7	3253.7	4356.9	*4770.2*	4568.6
50°	2834.6	2862.8	2962.2	3094.7	3155.3	3115.4	3180.3	3619.2	4697.9	*5161.7*	4929.8
52.5°	2606.9	2635.6	2761.2	2970.8	3218.1	3343.6	3501.1	3979.3	5028.2	*5532.5*	5271.8
55°	2277.7	2308.0	2469.2	2706.4	3098.4	3437.8	3768.6	4338.8	5330.9	*5866.0*	5580.3
57.5°	1829.8	1852.1	2019.7	2351.6	2797.4	3344.2	3966.0	4731.4	5616.0	*6193.6*	5886.2
60°	1192.6	1212.2	1406.9	1777.1	2298.4	3031.4	4005.3	5169.2	5994.7	*6619.7*	6298.4
62.5°	793.1	806.4	921.8	1193.6	1618.6	2430.9	3775.0	5518.6	6550.0	*7361.2*	7005.4
65°	544.2	557.4	672.9	862.2	1045.7	1608.0	3112.8	5472.4	7053.2	*7950.0*	7529.3
67.5°	*388.3*	*399.5*	*497.3*	*676.1*	*756.9*	*934.0*	*2110.1*	*4880.9*	*6980.9*	*7972.4*	*7557.5*
70°	278.2	284.6	365.4	526.6	601.6	561.2	1173.4	3733.0	6112.3	*7361.7*	6981.9
72.5°	194.7	196.8	253.7	401.1	484.6	409.6	558.5	2488.8	4622.9	*5778.2*	5412.8
75°	131.9	134.6	170.7	294.2	388.8	312.8	295.7	1334.6	2713.8	*3198.4*	2867.0
77.5°	80.9	81.9	110.1	201.1	291.0	238.3	190.4	565.4	1050.0	*1030.9*	878.7
80°	45.7	45.7	70.2	125.0	198.4	153.7	133.5	240.4	332.4	*292.0*	257.4
82.5°	25.5	26.1	51.1	77.7	131.4	91.0	73.4	111.2	143.6	*127.1*	110.6
85°	10.6	11.7	31.4	36.7	62.8	45.2	29.8	46.8	53.2	*47.3*	34.6
87.5°	1.1	1.6	9.6	6.9	7.4	9.0	4.3	9.0	7.4	*7.4*	5.3
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: P1203118
CATALOG NUMBER: GWC-SB2B-830-U-T2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9	1223.9
2.5°	1231.9	1223.9	1203.7	1180.3	1149.5	1134.6	1114.4	1100.5	1088.8	1089.9	1079.3
5°	1255.9	1235.6	1190.4	1134.0	1063.8	1013.8	960.6	923.9	894.2	887.8	873.4
7.5°	1288.8	1256.9	1177.7	1076.1	957.5	867.6	787.2	735.6	698.9	687.2	675.5
10°	1331.4	1285.1	1161.2	1003.2	832.5	718.1	631.9	591.5	566.5	558.0	551.6
12.5°	1380.9	1317.6	1139.4	914.4	703.7	593.6	538.8	518.6	510.6	508.0	506.4
15°	1443.1	1358.0	1106.4	809.0	594.7	517.6	494.2	491.5	492.6	491.5	491.0
17.5°	1517.0	1402.1	1052.7	700.5	521.3	478.7	470.2	472.3	475.0	474.5	473.4
20°	1597.9	1445.8	984.0	604.3	471.3	451.1	446.3	448.4	450.5	449.5	448.9
22.5°	1689.9	1492.6	908.0	529.3	437.8	425.5	420.2	420.7	420.7	418.6	417.6
25°	1800.0	1544.2	828.2	476.1	412.2	402.7	396.3	394.2	391.0	384.6	383.5
27.5°	1931.4	1598.9	751.6	438.8	392.0	383.0	375.5	370.2	362.2	351.6	350.5
30°	2079.3	1665.4	686.7	415.4	376.1	367.0	358.5	350.5	338.8	325.5	324.5
32.5°	2253.2	1736.7	639.4	400.0	361.7	352.1	342.0	332.4	319.7	306.4	306.9
35°	2460.6	1822.9	611.7	389.4	350.5	337.8	326.6	316.0	306.4	294.7	293.6
37.5°	2685.7	1914.4	603.2	384.0	343.1	323.4	310.6	303.2	302.1	295.2	294.7
40°	2931.9	2022.9	609.6	380.9	335.1	309.6	295.7	294.2	296.8	284.6	285.1
42.5°	3192.6	2151.6	620.2	377.1	323.9	295.7	282.4	282.4	280.3	263.3	263.3
45°	3474.5	2300.0	630.9	368.1	310.6	281.9	271.8	268.1	259.0	242.6	242.0
47.5°	3758.5	2451.1	638.8	351.6	294.7	270.2	261.2	252.7	239.4	224.5	223.9
50°	4028.2	2586.7	630.3	327.1	276.6	259.0	249.5	237.8	223.4	213.3	211.7
52.5°	4269.2	2704.3	594.2	298.4	257.4	247.3	238.8	226.6	214.9	204.3	203.2
55°	4478.7	2799.5	530.3	271.3	240.4	237.2	228.7	213.3	197.3	188.3	187.2
57.5°	4679.8	2871.8	450.5	248.9	225.0	226.1	213.3	199.5	184.6	175.0	173.9
60°	4947.4	2968.6	369.7	228.2	208.5	211.7	197.9	187.8	169.1	156.9	155.3
62.5°	5375.0	3119.2	293.6	202.7	189.4	190.4	184.6	172.3	150.0	135.6	134.6
65°	5714.4	3063.8	231.4	175.0	167.6	169.1	169.1	155.9	131.9	115.4	113.8
67.5°	*5676.1*	*2623.4*	*184.6*	*147.9*	*146.8*	*147.9*	*151.6*	*140.4*	*117.0*	*103.7*	*101.6*
70°	5228.7	2086.7	147.9	122.9	127.7	125.0	135.6	128.2	105.3	92.0	90.4
72.5°	4266.5	1503.2	112.8	101.6	97.9	102.1	122.3	115.4	87.8	72.9	71.3
75°	2493.1	802.1	84.0	80.3	70.7	85.1	108.5	98.4	67.0	53.7	52.1
77.5°	811.7	279.8	61.7	59.0	52.7	68.6	92.6	83.0	54.8	42.6	41.0
80°	217.6	84.6	42.0	38.8	34.0	51.1	73.4	66.0	39.4	27.7	27.1
82.5°	87.2	35.6	24.5	21.8	18.6	35.1	58.0	53.2	29.3	17.6	17.6
85°	28.2	11.7	9.0	6.9	8.5	21.8	34.6	36.2	20.7	9.0	6.9
87.5°	3.7	1.6	1.6	2.1	1.6	3.7	10.6	10.1	5.9	1.1	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

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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

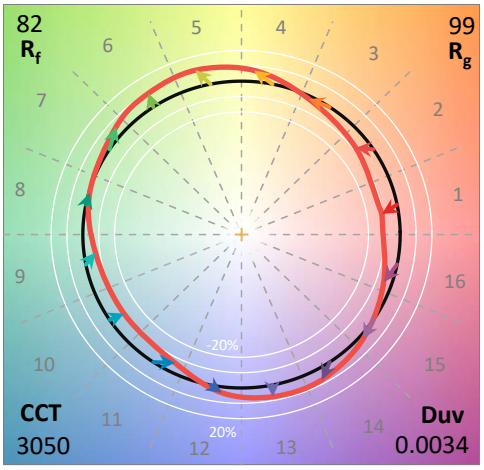
Test Information

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

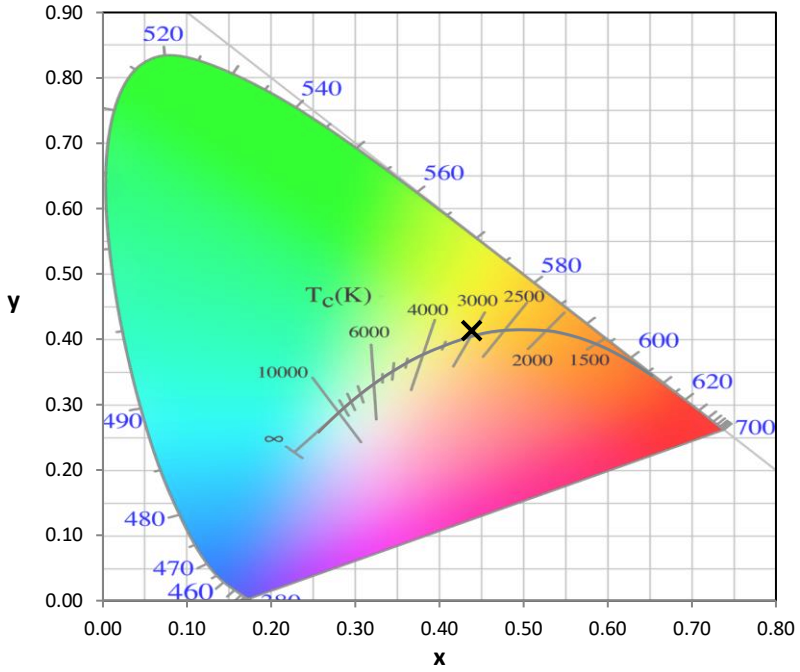
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

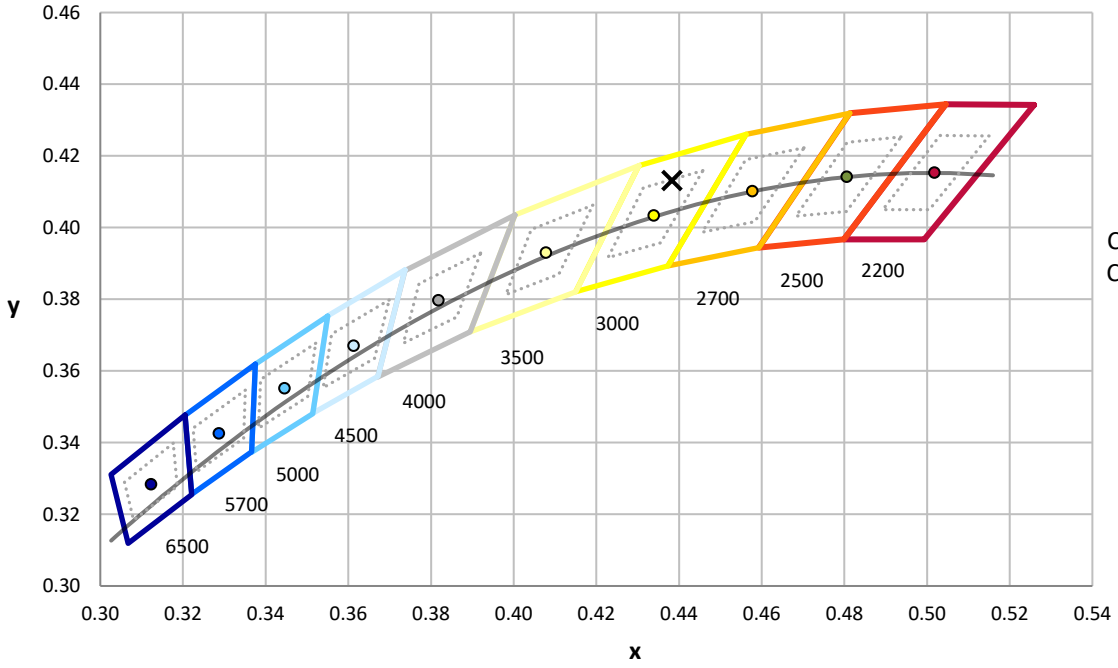
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

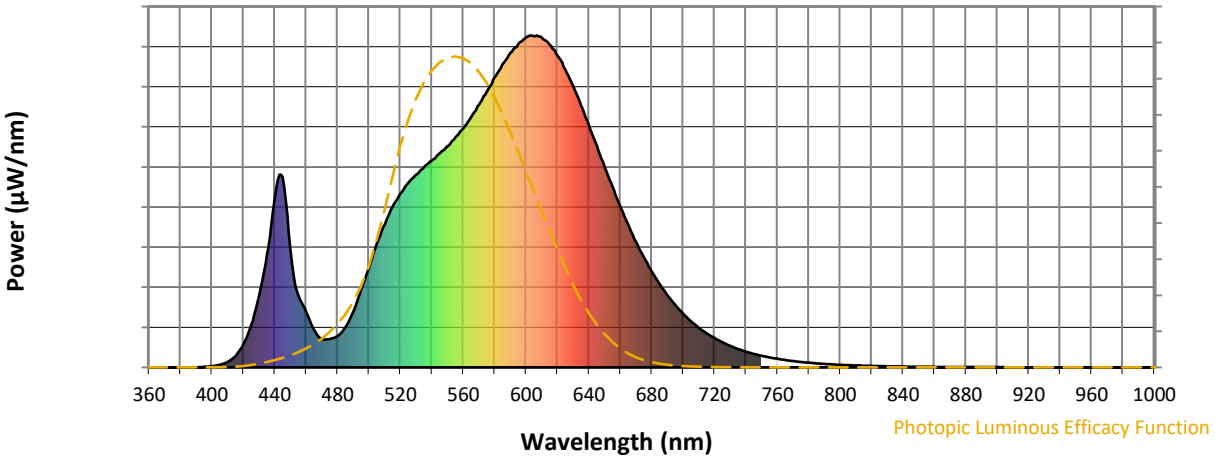


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

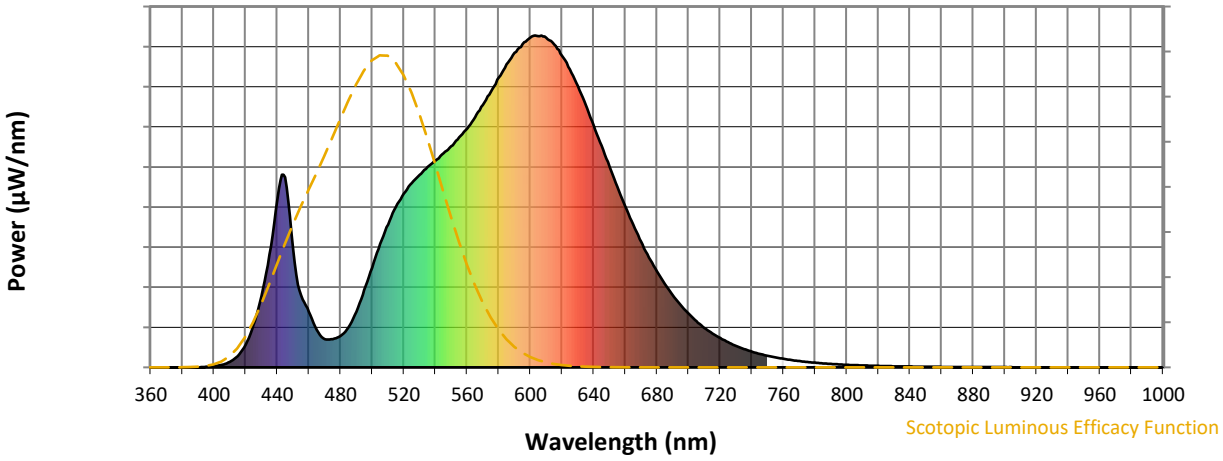


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2408-195-9

Scotopic Flux vs. Wavelength

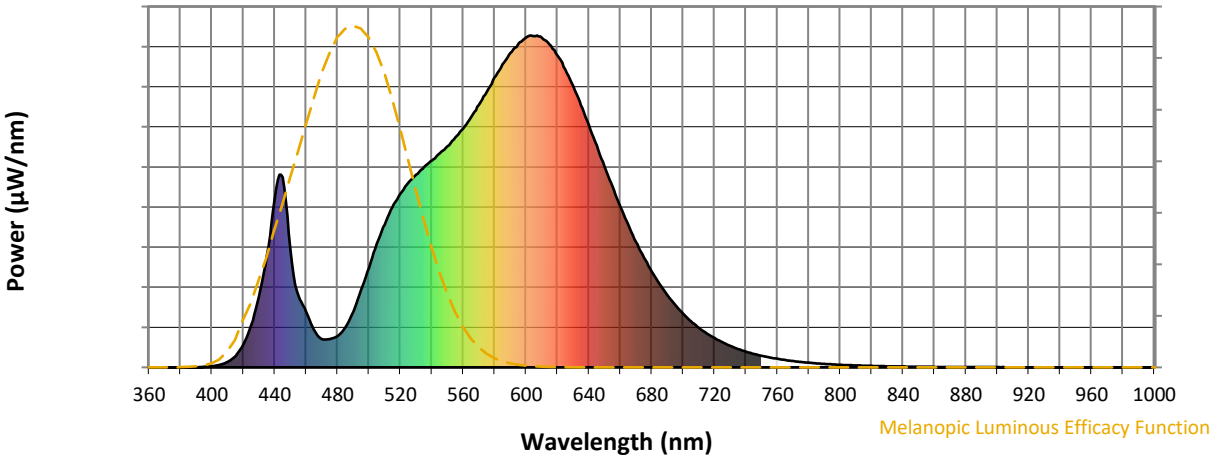


Scotopic Lumens: NR **S/P: 1.27**

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			

REPORT NUMBER: SP1-2408-195-9

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			

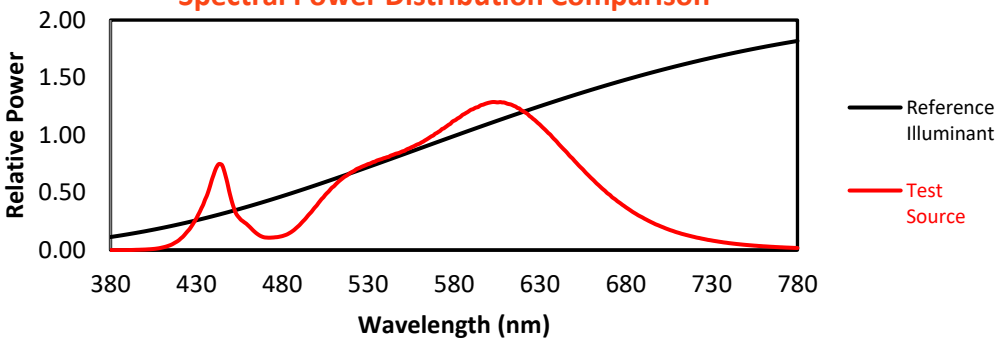
REPORT NUMBER: SP1-2408-195-9

TM-30-18

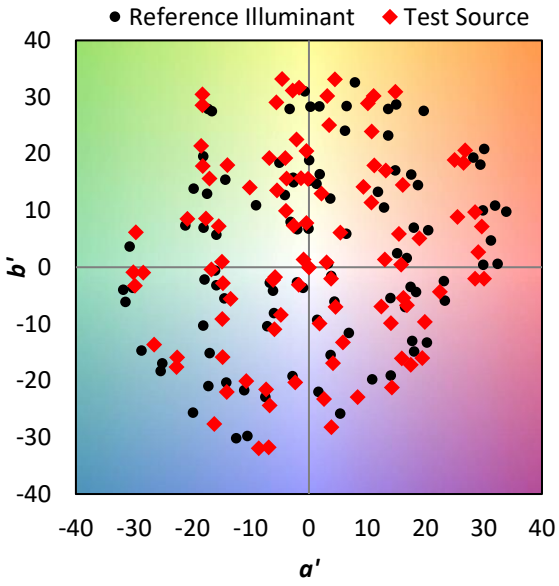
Summary

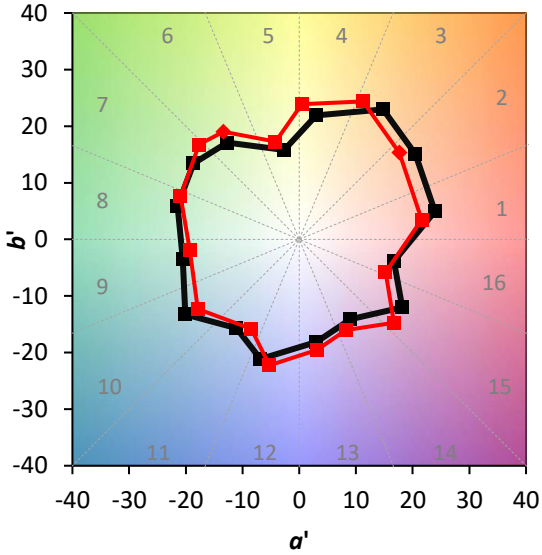
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

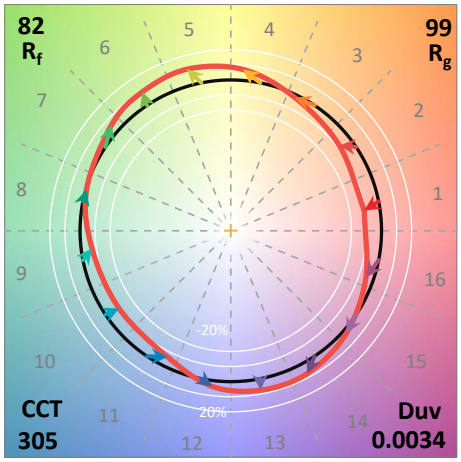
Spectral Power Distribution Comparison

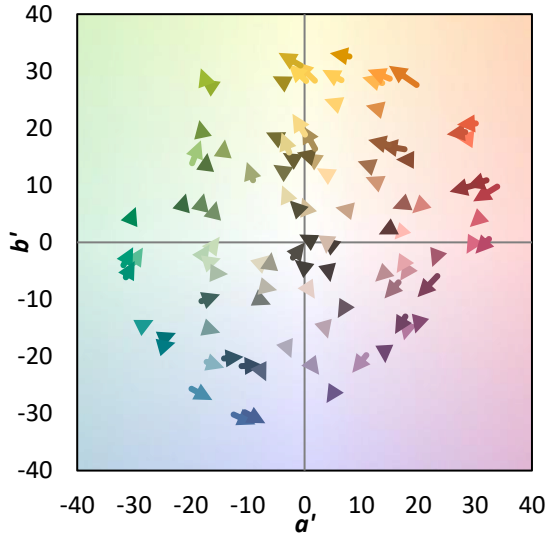


Color Vector Graphics







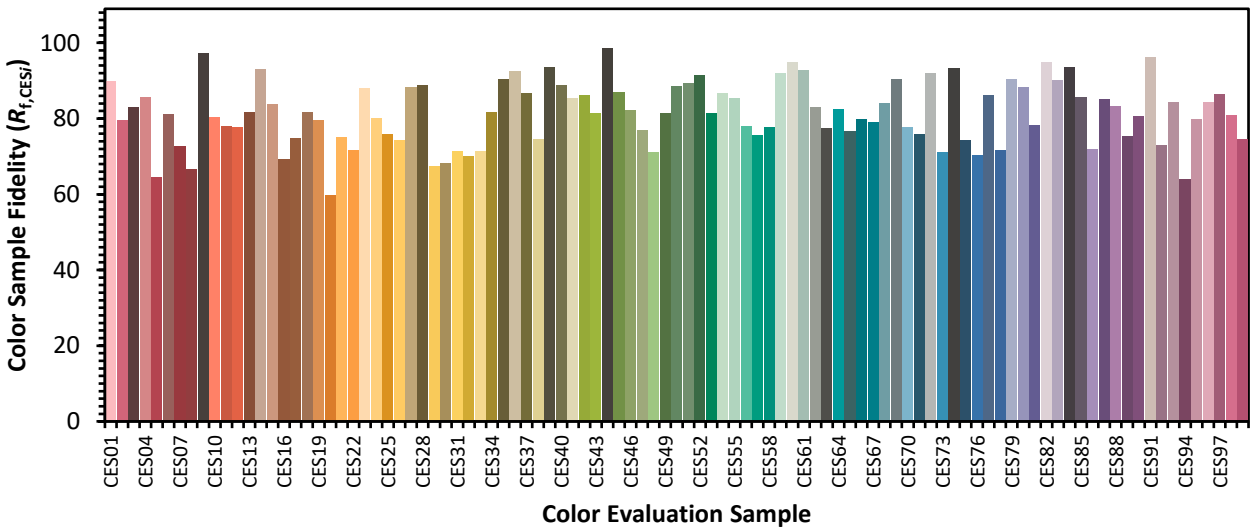


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

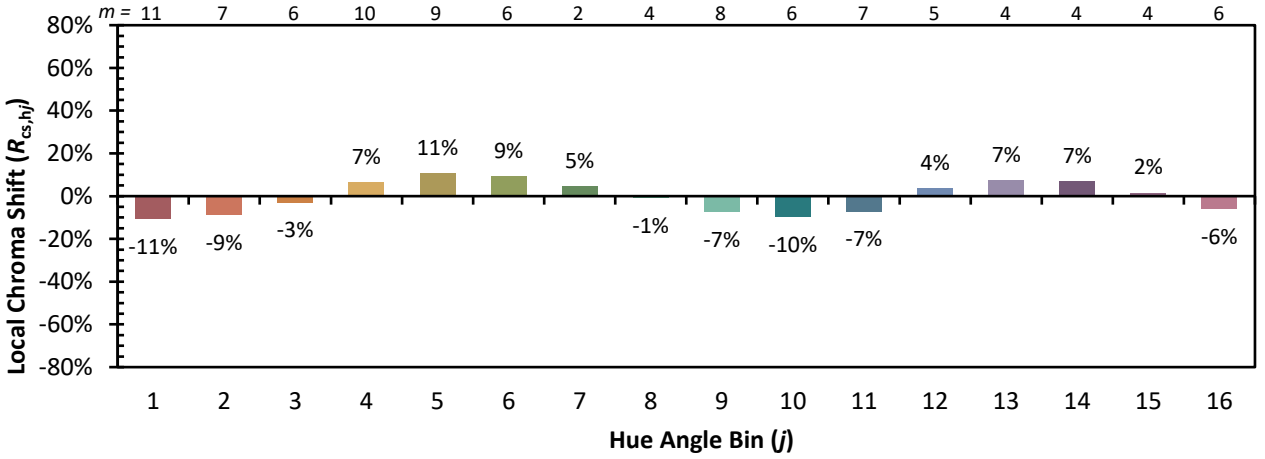
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

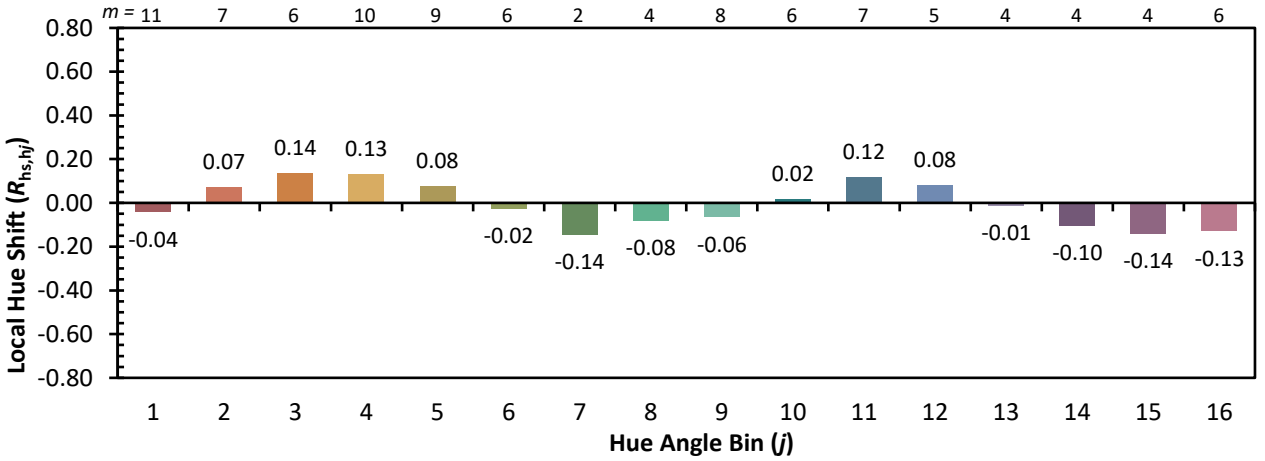


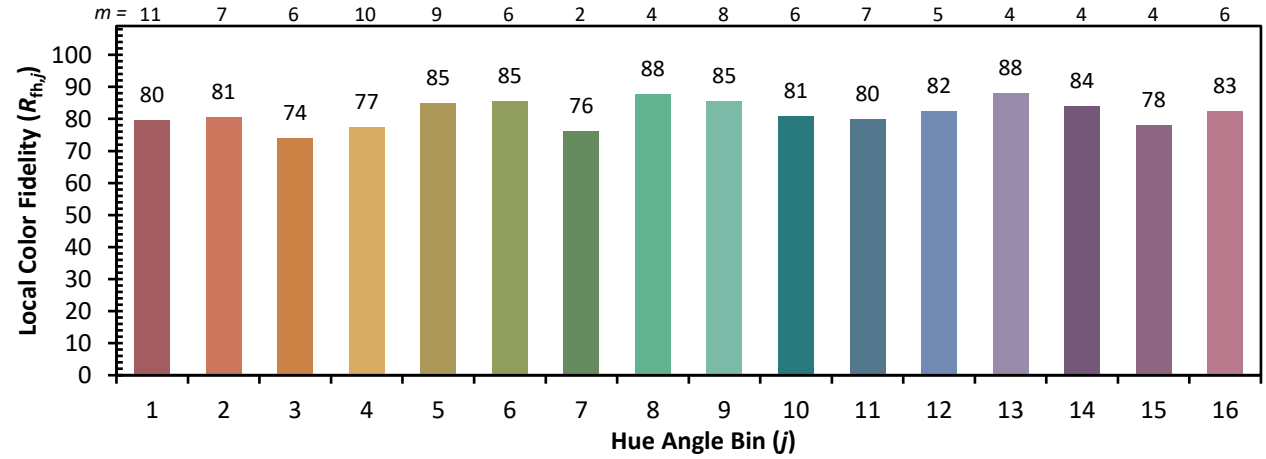
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



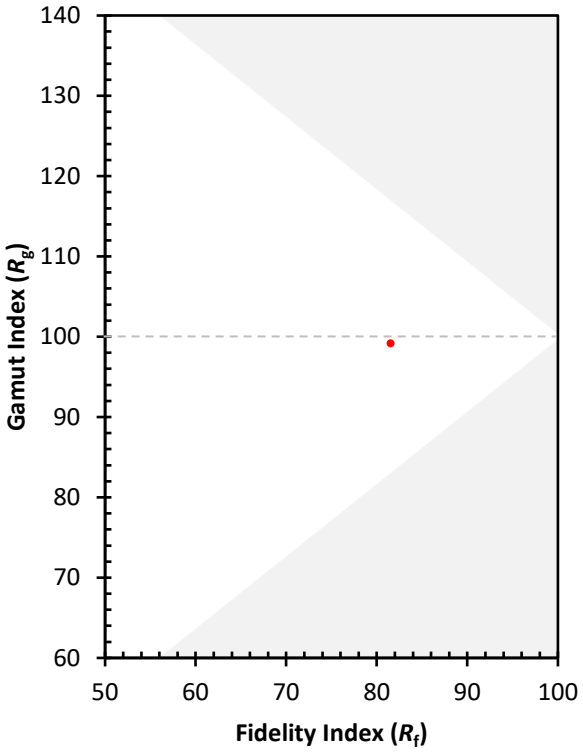


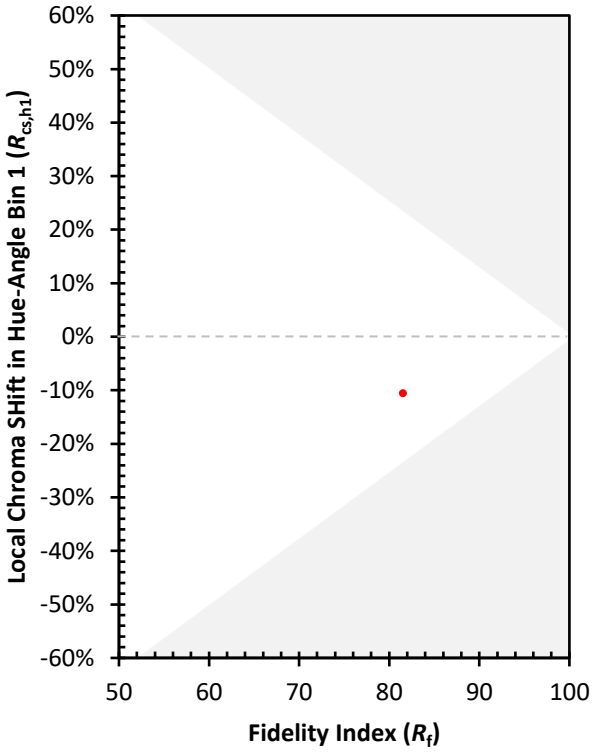


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





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