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: P1202371

Luminaire Tested: GWC-SB1D-830-U-T2

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:	P1202371
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-830-U-T2
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9108 lumens
Efficiency:	N/A
Efficacy:	114.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - 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

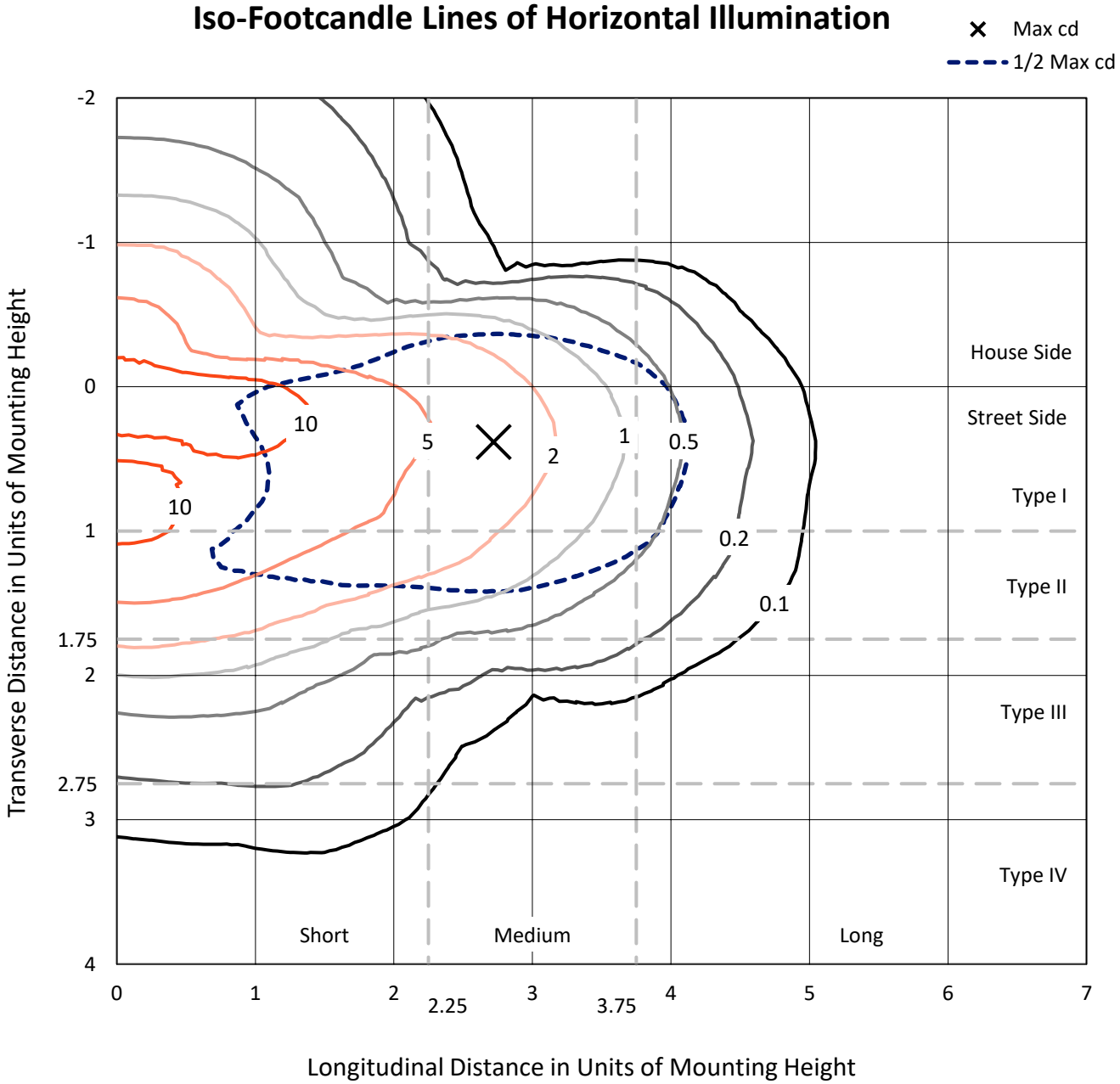


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Scaled Data Report

REPORT NUMBER: P1202371
CATALOG NUMBER: GWC-SB1D-830-U-T2

Iso-Footcandle Lines of Horizontal Illumination



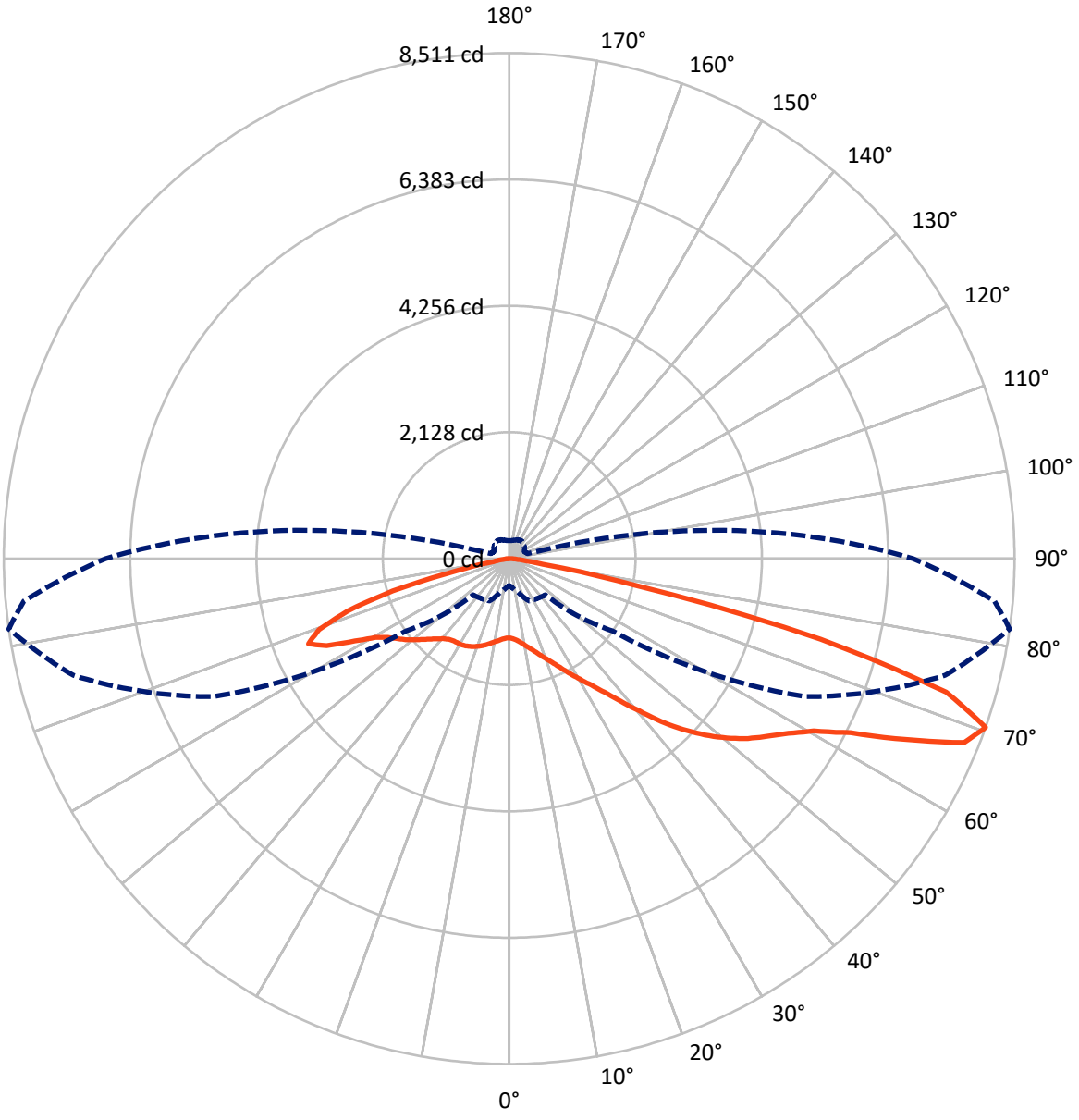
Based on 10 foot mounting height. Maximum calculated value = 14.7 fc
Type II - Medium - N/A

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REPORT NUMBER: P1202371
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Luminous Intensity Polar Plot



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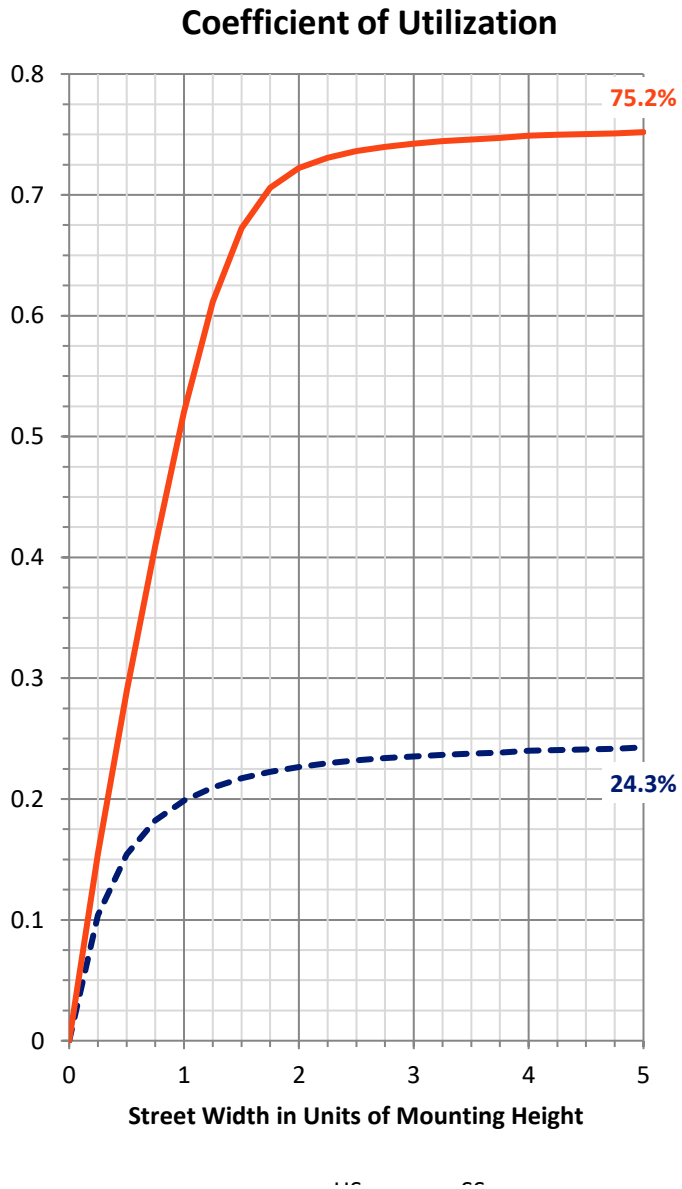
REPORT NUMBER: P1202371
CATALOG NUMBER: GWC-SB1D-830-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2245.3	0.0	2245.3
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	6862.6	0.0	6862.6
	% Fixture	75.3	0.0	75.3
Total	Lumens	9108.0	0.0	9108.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.1	1.4
10°-20°	362.2	4.0
20°-30°	606.0	6.7
30°-40°	946.7	10.4
40°-50°	1507.7	16.6
50°-60°	2098.2	23.0
60°-70°	2194.8	24.1
70°-80°	1147.1	12.6
80°-90°	119.1	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°	9108.0	100.0
0°-180°	9108.0	100.0



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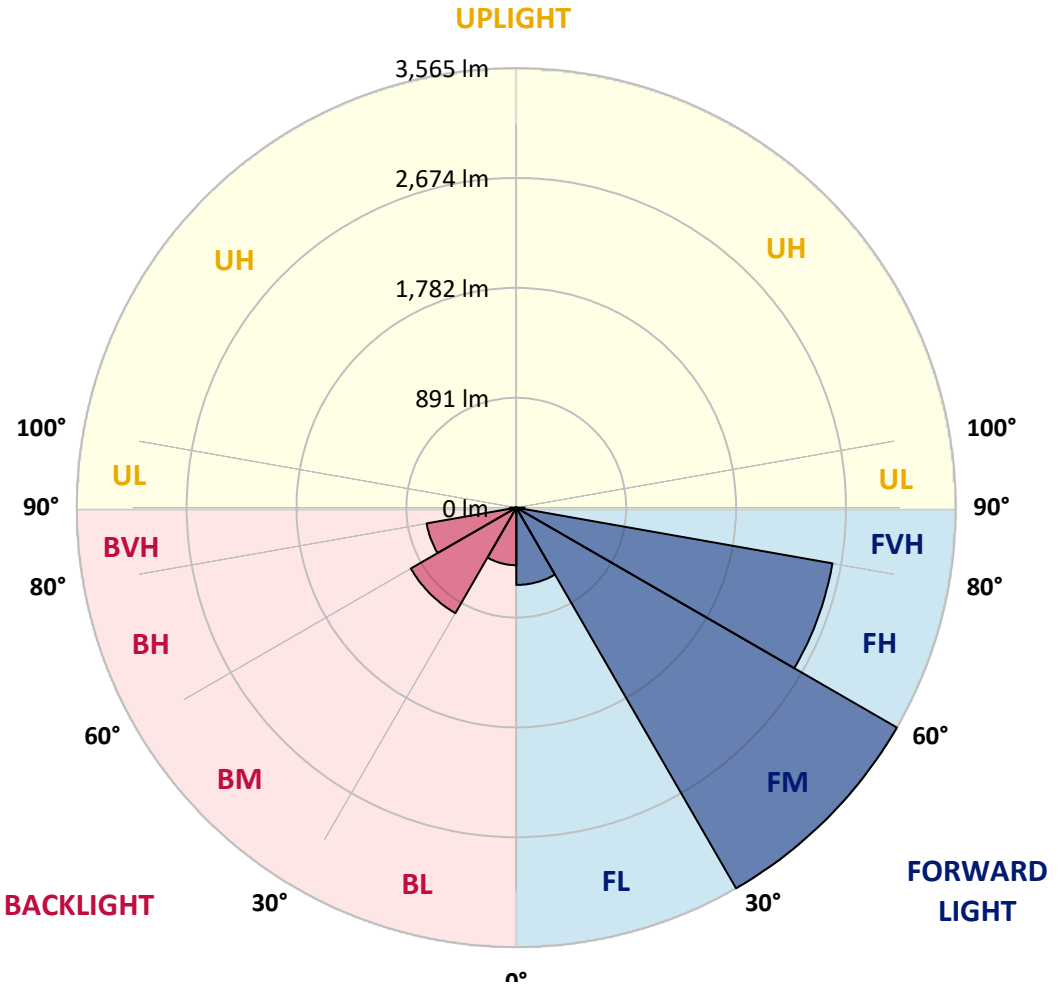
Scaled Data Report

REPORT NUMBER: P1202371
CATALOG NUMBER: GWC-SB1D-830-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	627.2	6.9			
FM	(30°-60°)	3564.8	39.1			
FH	(60°-80°)	2604.0	28.6			G2/5000
FVH	(80°-90°)	66.7	0.7			G1/100
BL	(0°-30°)	467.1	5.1	B1/500		
BM	(30°-60°)	987.9	10.8	B1/1000		
BH	(60°-80°)	737.9	8.1	B2/1000		G2/1000
BVH	(80°-90°)	52.4	0.6			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 II Medium



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Scaled Data Report

REPORT NUMBER: P1202371
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	*1335.3*	1335.3
2.5°	1367.2	1375.0	1372.6	1370.1	1370.1	1366.8	1366.3	1361.4	1357.6	*1351.3*	1349.8
5°	1384.6	1392.9	1391.9	1393.8	1400.1	1401.6	1403.0	1400.1	1392.4	*1384.6*	1381.3
7.5°	1369.2	1378.4	1381.3	1392.9	1412.2	1429.6	1442.6	1448.0	1440.7	*1429.6*	1424.3
10°	1317.0	1327.1	1337.3	1364.8	1399.1	1440.2	1475.0	1495.8	1494.4	*1483.7*	1474.5
12.5°	1211.1	1221.8	1243.5	1297.2	1360.0	1432.5	1497.3	1540.7	1555.7	*1548.0*	1532.0
15°	1126.6	1135.7	1152.2	1207.3	1289.0	1399.1	1505.5	1590.0	1628.2	*1623.9*	1604.5
17.5°	1124.1	1128.0	1138.2	1164.3	1227.1	1346.9	1496.8	1638.4	1711.4	*1710.9*	1686.7
20°	1166.7	1168.1	1173.9	1179.2	1215.0	1307.3	1474.5	1678.5	1804.6	*1804.6*	1778.5
22.5°	1225.6	1224.7	1230.5	1225.6	1243.0	1303.9	1460.5	1713.8	1908.5	*1916.3*	1883.4
25°	1314.1	1309.2	1307.8	1296.7	1300.1	1335.3	1476.0	1753.9	2031.8	*2047.7*	2006.6
27.5°	1432.0	1424.3	1419.0	1393.3	1384.6	1400.1	1523.3	1802.2	2169.0	*2196.6*	2144.4
30°	1585.7	1571.7	1563.9	1519.5	1488.1	1490.5	1594.9	1866.5	2312.6	*2357.0*	2290.8
32.5°	1795.4	1773.7	1752.9	1679.9	1622.4	1603.6	1687.2	1955.4	2468.2	*2539.2*	2454.2
35°	2030.3	2012.9	1990.7	1878.1	1789.6	1746.1	1811.9	2079.6	2650.4	*2763.0*	2652.3
37.5°	2256.5	2241.5	2252.2	2100.4	1986.3	1923.0	1975.2	2246.4	2875.1	*3041.4*	2900.7
40°	2490.4	2478.8	2480.3	2335.3	2202.4	2131.3	2173.4	2455.6	3132.7	*3372.4*	3199.4
42.5°	2744.6	2735.9	2706.9	2578.4	2429.0	2362.8	2401.5	2697.3	3409.2	*3749.4*	3527.1
45°	3029.3	3024.0	2996.9	2849.5	2678.4	2604.0	2656.2	2964.1	3687.1	*4104.1*	3856.2
47.5°	3275.3	3279.6	3276.3	3152.1	2974.7	2865.5	2927.8	3242.4	3945.6	*4437.6*	4171.8
50°	3393.7	3416.4	3449.8	3411.1	3300.9	3189.8	3201.8	3511.1	4192.1	*4750.3*	4474.4
52.5°	3331.8	3374.9	3465.7	3527.6	3570.1	3546.9	3514.5	3777.9	4424.1	*5032.6*	4760.5
55°	3101.3	3161.7	3312.5	3461.8	3678.8	3847.5	3890.0	4073.7	4650.3	*5281.0*	5031.1
57.5°	2681.3	2779.4	2914.8	3216.8	3582.2	3993.0	4327.9	4484.0	4890.0	*5546.3*	5314.3
60°	1961.2	2092.7	2260.9	2710.3	3243.9	3915.2	4700.5	5114.2	5230.7	*5889.9*	5683.1
62.5°	1255.1	1336.3	1491.0	1914.3	2527.6	3516.5	4814.6	5902.0	5808.3	*6453.5*	6236.0
65°	859.3	911.5	1053.1	1290.9	1634.0	2617.5	4509.2	6492.6	6725.5	*7346.6*	7181.3
67.5°	624.4	664.0	784.9	993.2	1064.7	1549.0	3499.1	6465.5	7617.2	*8266.8*	8009.7
70°	*455.3*	*483.3*	*584.8*	*784.9*	*819.2*	*861.7*	*2119.7*	*5496.0*	*7597.9*	*8511.3*	*8203.5*
72.5°	337.3	356.7	424.8	609.0	663.1	581.9	1049.2	3994.4	6528.8	*7698.4*	7451.5
75°	244.1	258.6	308.8	465.9	530.7	443.2	523.4	2334.3	4554.1	*5415.3*	5458.8
77.5°	186.6	197.7	230.5	341.2	424.8	332.5	324.8	1073.9	2159.4	*2170.0*	2291.8
80°	149.8	157.1	175.0	240.2	325.7	248.9	211.7	433.5	682.4	*577.5*	606.1
82.5°	110.2	122.3	147.9	168.7	232.9	171.6	129.0	218.9	259.5	*223.3*	225.2
85°	62.8	71.0	89.4	120.8	148.9	104.9	73.9	97.1	120.8	*99.1*	88.4
87.5°	22.2	29.0	31.4	47.4	64.8	43.5	28.5	28.0	39.6	*29.5*	24.6
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: P1202371
CATALOG NUMBER: GWC-SB1D-830-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1345.0	1342.6	1332.9	1319.9	1306.3	1293.3	1289.0	1279.8	1273.5	1270.1	1274.0
5°	1372.1	1364.3	1341.6	1312.6	1282.2	1249.3	1226.1	1204.9	1189.4	1174.9	1180.7
7.5°	1410.7	1397.2	1358.1	1307.3	1253.2	1198.6	1158.0	1127.0	1106.3	1092.7	1095.6
10°	1455.7	1434.9	1375.0	1299.1	1215.5	1137.2	1089.3	1062.8	1049.7	1042.5	1044.4
12.5°	1507.4	1477.9	1392.4	1280.3	1158.0	1068.6	1035.7	1028.0	1028.5	1028.9	1029.9
15°	1571.2	1530.1	1406.4	1239.2	1083.1	1015.9	1010.1	1022.7	1035.7	1042.0	1041.5
17.5°	1643.2	1585.2	1408.8	1171.5	1009.6	982.1	1000.4	1027.5	1047.3	1056.0	1057.9
20°	1720.5	1641.3	1391.4	1075.8	949.2	954.5	987.4	1022.2	1043.9	1055.0	1057.9
22.5°	1809.0	1701.2	1349.8	975.3	899.9	924.5	963.2	997.0	1019.8	1030.9	1033.8
25°	1910.0	1768.4	1284.6	890.7	857.4	890.7	929.4	957.4	975.8	985.9	988.8
27.5°	2022.1	1838.5	1197.6	823.5	820.2	855.9	887.8	909.6	919.2	927.0	929.9
30°	2134.7	1902.3	1092.2	772.8	787.8	821.6	844.3	854.0	856.9	858.3	861.7
32.5°	2256.5	1957.3	981.6	730.7	756.8	788.3	801.8	806.1	792.6	783.4	786.3
35°	2403.9	2016.3	873.3	697.4	726.4	753.5	757.8	753.9	738.0	719.1	720.1
37.5°	2586.1	2089.8	786.8	673.7	697.9	715.8	710.4	709.5	710.9	688.7	690.1
40°	2809.4	2185.5	723.5	655.3	674.7	678.5	663.6	671.8	679.0	645.2	646.2
42.5°	3057.3	2301.0	683.4	642.8	655.3	646.2	623.0	632.2	631.2	586.7	586.2
45°	3310.1	2426.6	669.4	633.6	637.5	619.1	593.5	595.9	575.6	535.5	536.9
47.5°	3561.4	2561.5	678.1	625.9	615.2	594.5	574.6	564.0	534.0	504.1	504.1
50°	3807.9	2703.1	710.0	610.4	584.8	572.7	558.2	539.4	507.5	481.8	479.9
52.5°	4036.5	2845.6	745.7	584.8	546.6	553.9	544.7	522.9	491.5	465.4	465.9
55°	4253.0	2988.2	759.7	549.5	510.8	537.4	532.1	492.0	454.3	433.0	431.1
57.5°	4488.9	3159.8	744.3	504.6	481.8	518.6	498.3	453.8	432.1	416.1	414.7
60°	4815.6	3429.0	710.9	449.0	454.3	490.5	455.7	437.4	413.7	395.8	394.9
62.5°	5358.3	3931.1	657.3	393.9	421.9	449.0	435.4	417.1	392.9	375.5	375.5
65°	6160.6	4629.0	556.3	350.9	385.7	408.4	413.7	395.3	370.2	351.8	352.8
67.5°	6837.2	5066.9	421.0	315.1	348.5	375.5	390.5	372.6	346.0	328.2	328.6
70°	*6800.0*	*4748.9*	*321.4*	*279.8*	*315.6*	*343.1*	*362.5*	*348.5*	*319.9*	*303.0*	*304.5*
72.5°	6039.7	3972.7	260.0	244.1	282.2	309.3	332.5	321.9	292.9	276.4	276.4
75°	4437.1	2820.0	207.8	207.8	240.7	274.0	299.6	292.9	266.3	254.7	251.3
77.5°	1870.4	1183.1	162.9	172.5	200.1	235.4	267.3	269.7	246.5	261.0	236.8
80°	497.3	326.2	124.2	135.8	157.1	194.3	232.5	231.5	206.4	192.8	179.3
82.5°	189.5	128.6	88.4	95.7	113.6	148.9	184.1	189.9	164.8	142.6	142.6
85°	73.0	55.1	54.6	57.5	66.2	98.6	139.2	144.0	124.2	105.4	108.7
87.5°	18.8	16.4	20.3	19.3	30.4	52.7	79.7	82.6	75.9	44.0	62.8
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

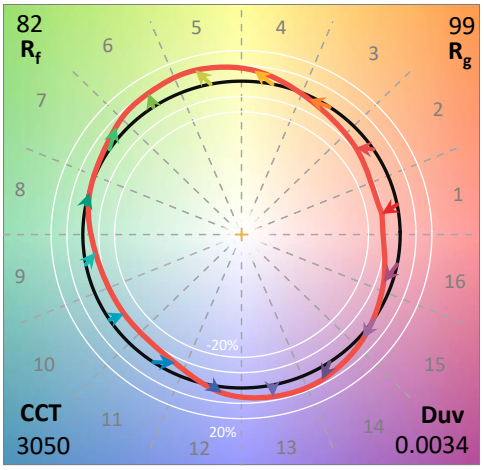
Test Information

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

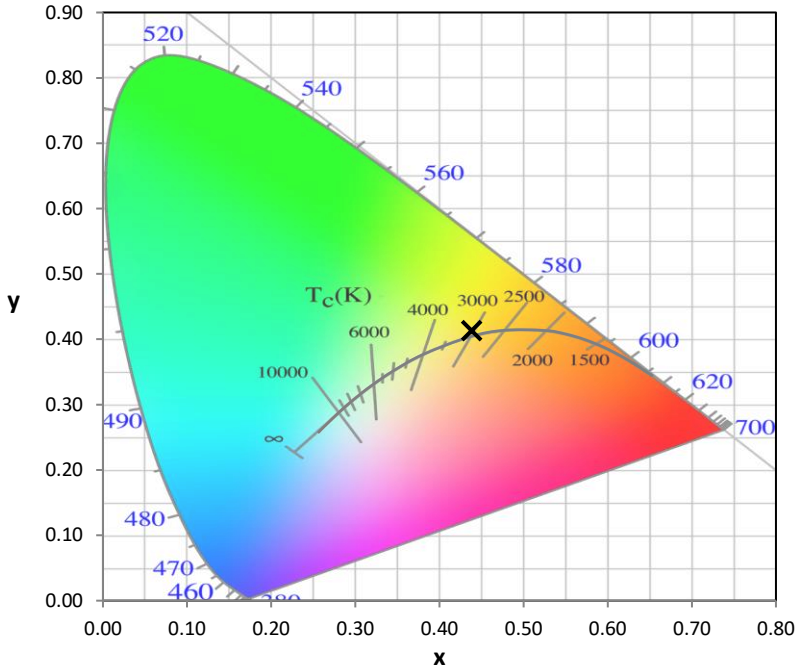
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

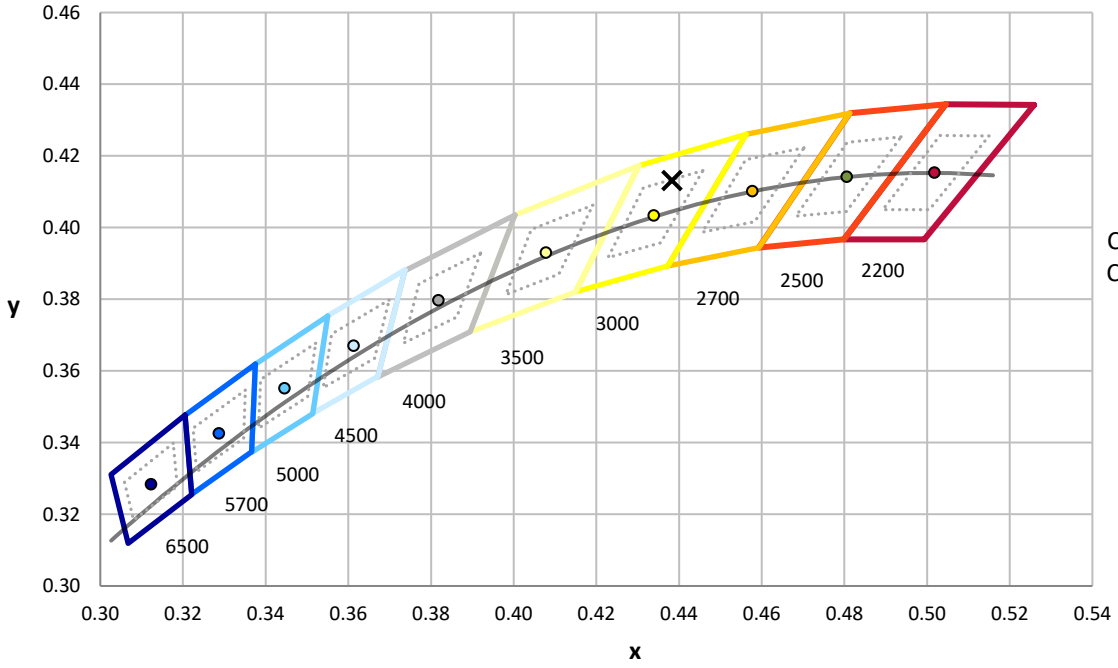
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

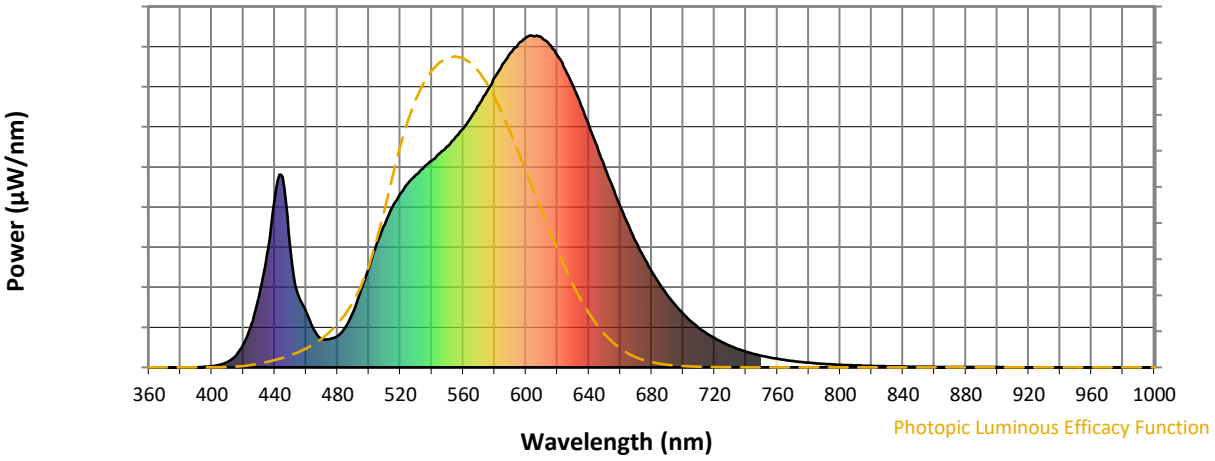


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

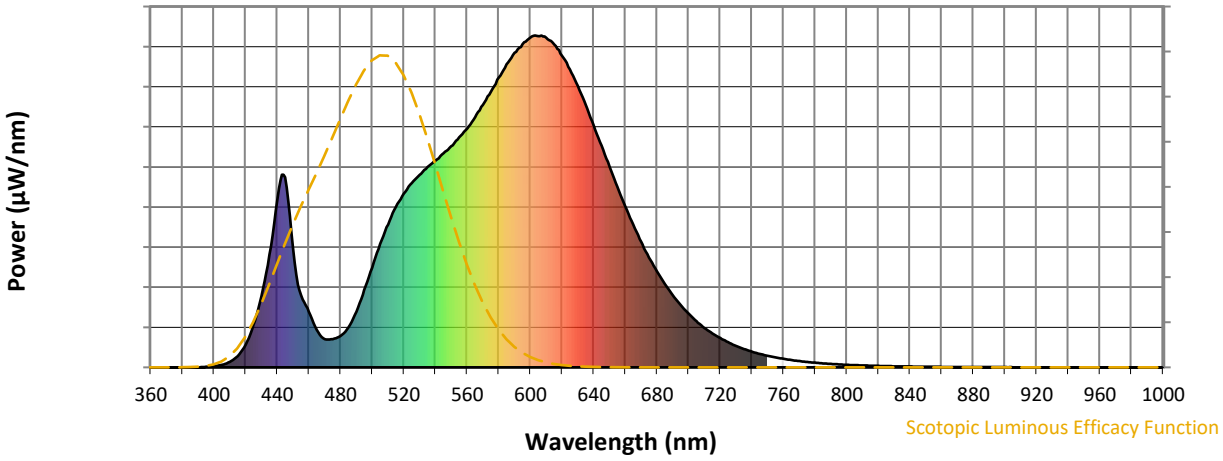


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2408-195-9

Scotopic Flux vs. Wavelength

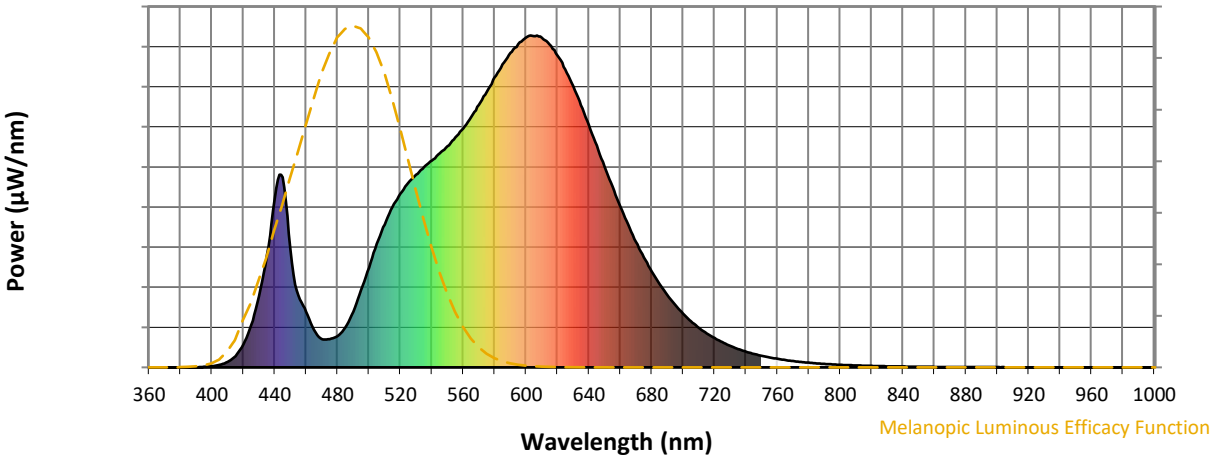


Scotopic Lumens: NR **S/P: 1.27**

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			

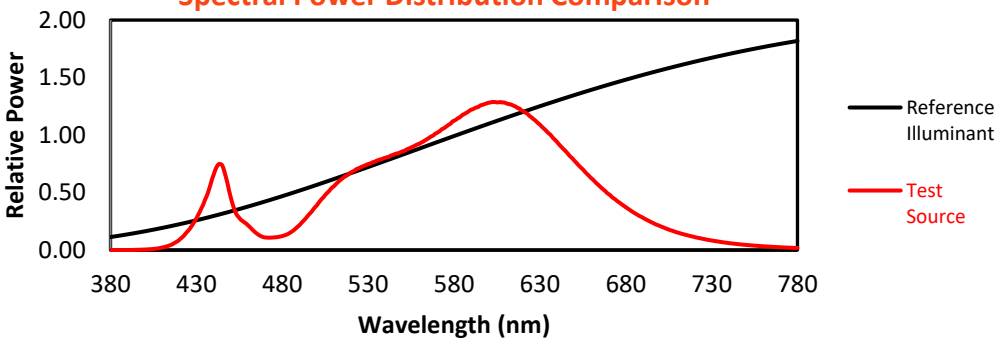
REPORT NUMBER: SP1-2408-195-9

TM-30-18

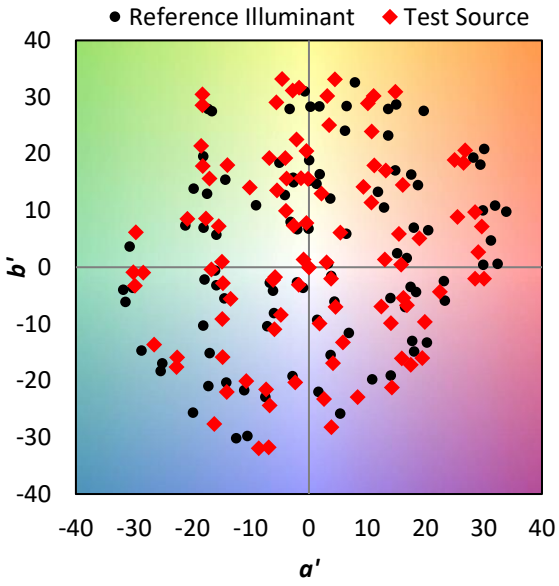
Summary

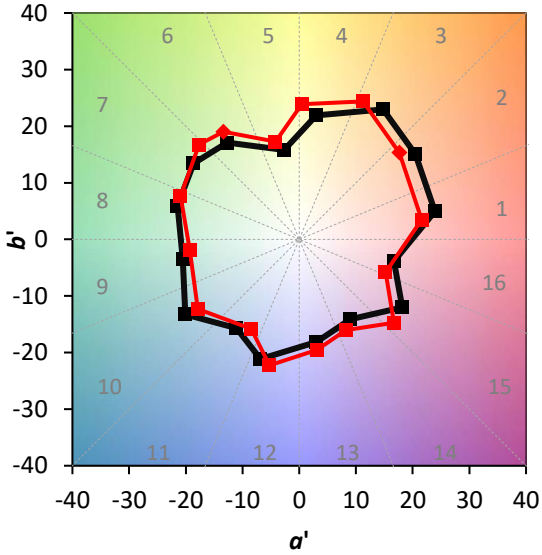
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

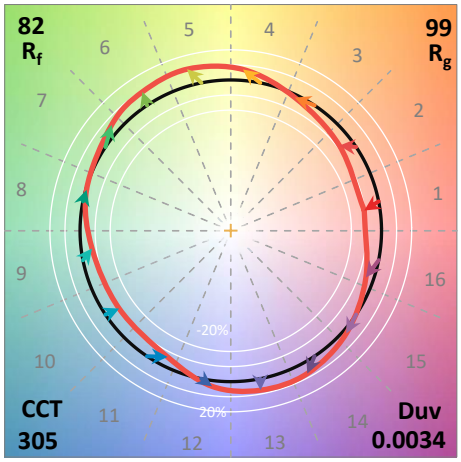
Spectral Power Distribution Comparison

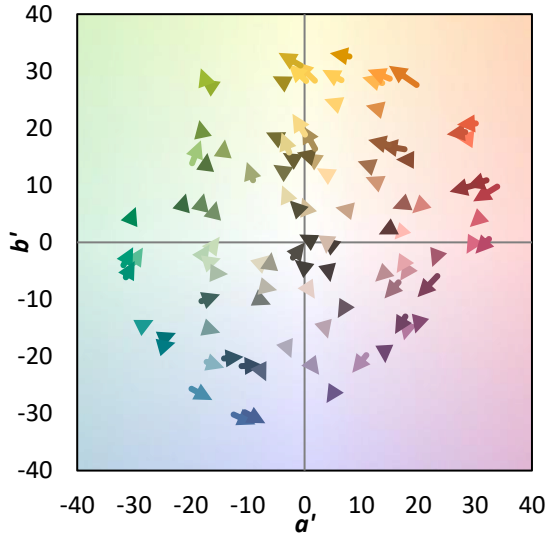


Color Vector Graphics







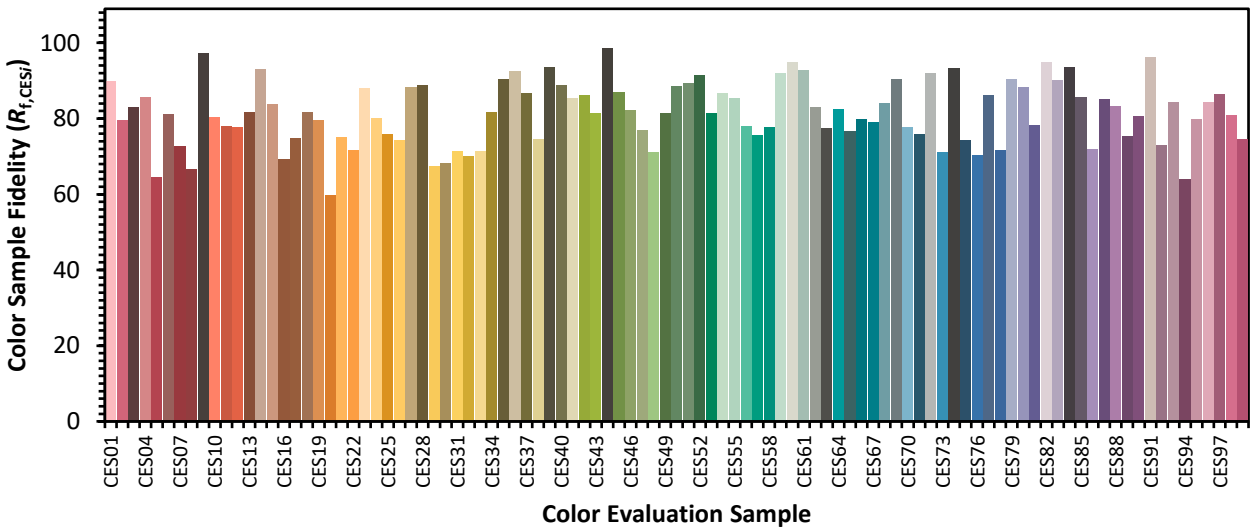


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

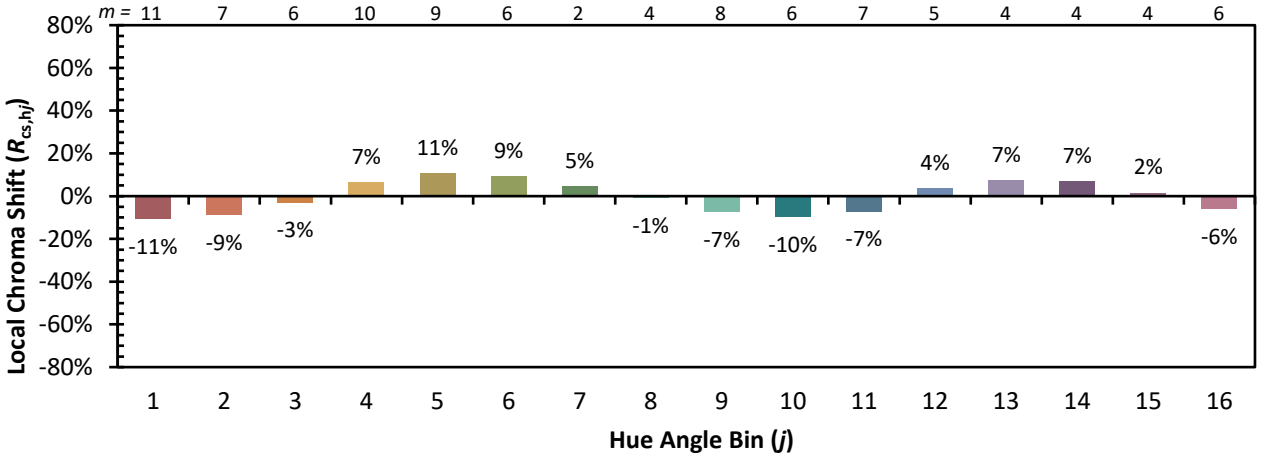
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

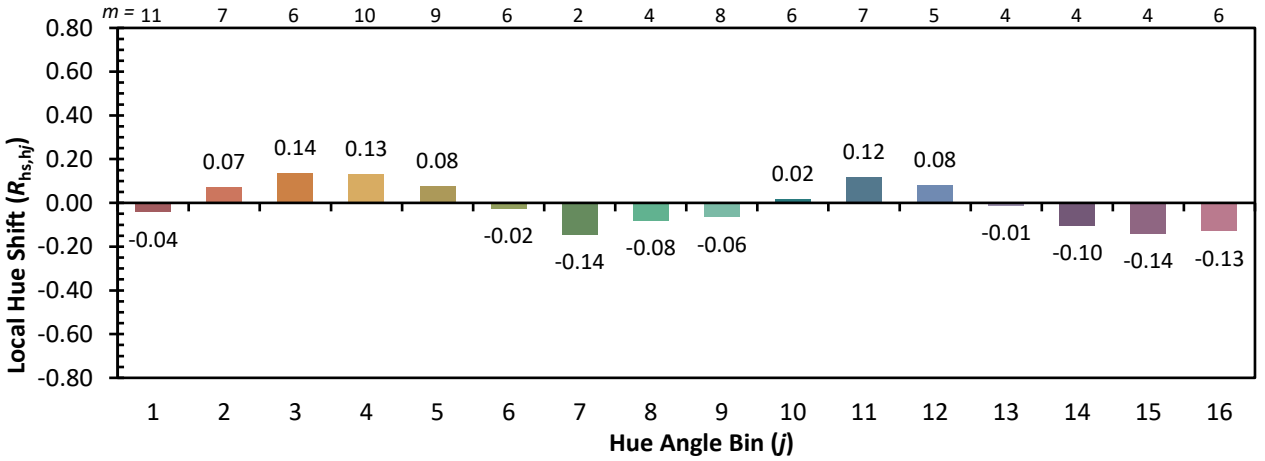


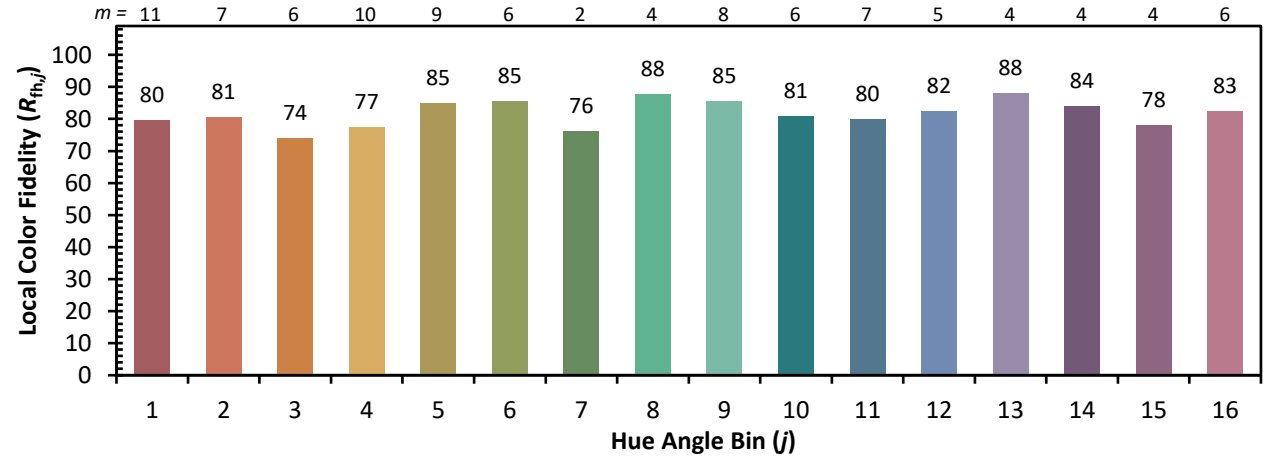
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



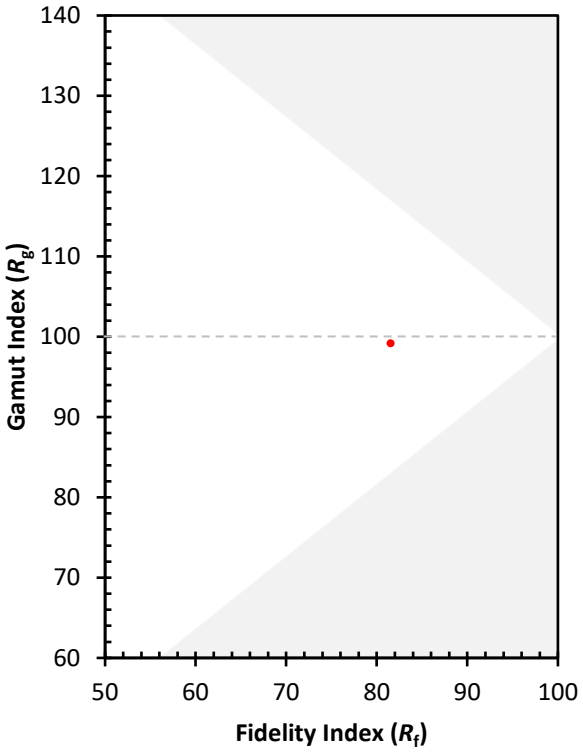


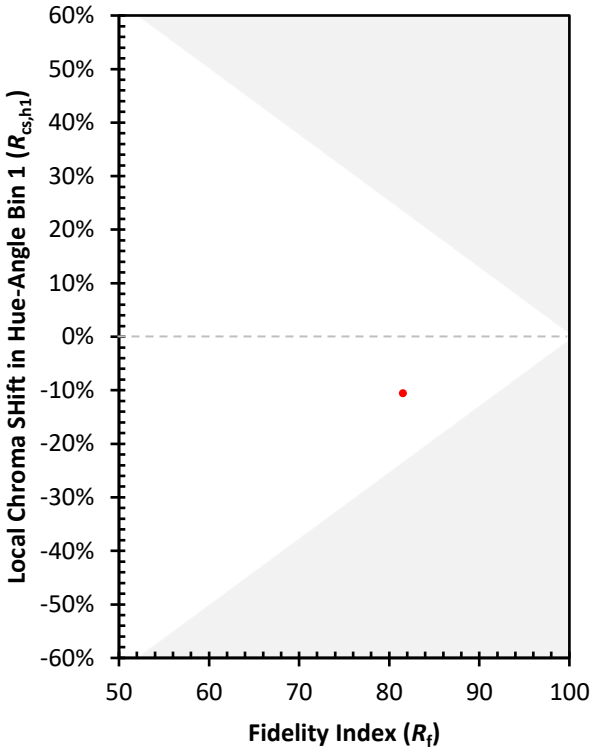


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





(END OF REPORT)