Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1202001

Luminaire Tested: GWC-SB1C-830-U-T4FT

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:	P1202001
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-830-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6686 lumens
Efficiency:	N/A
Efficacy:	122.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - 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

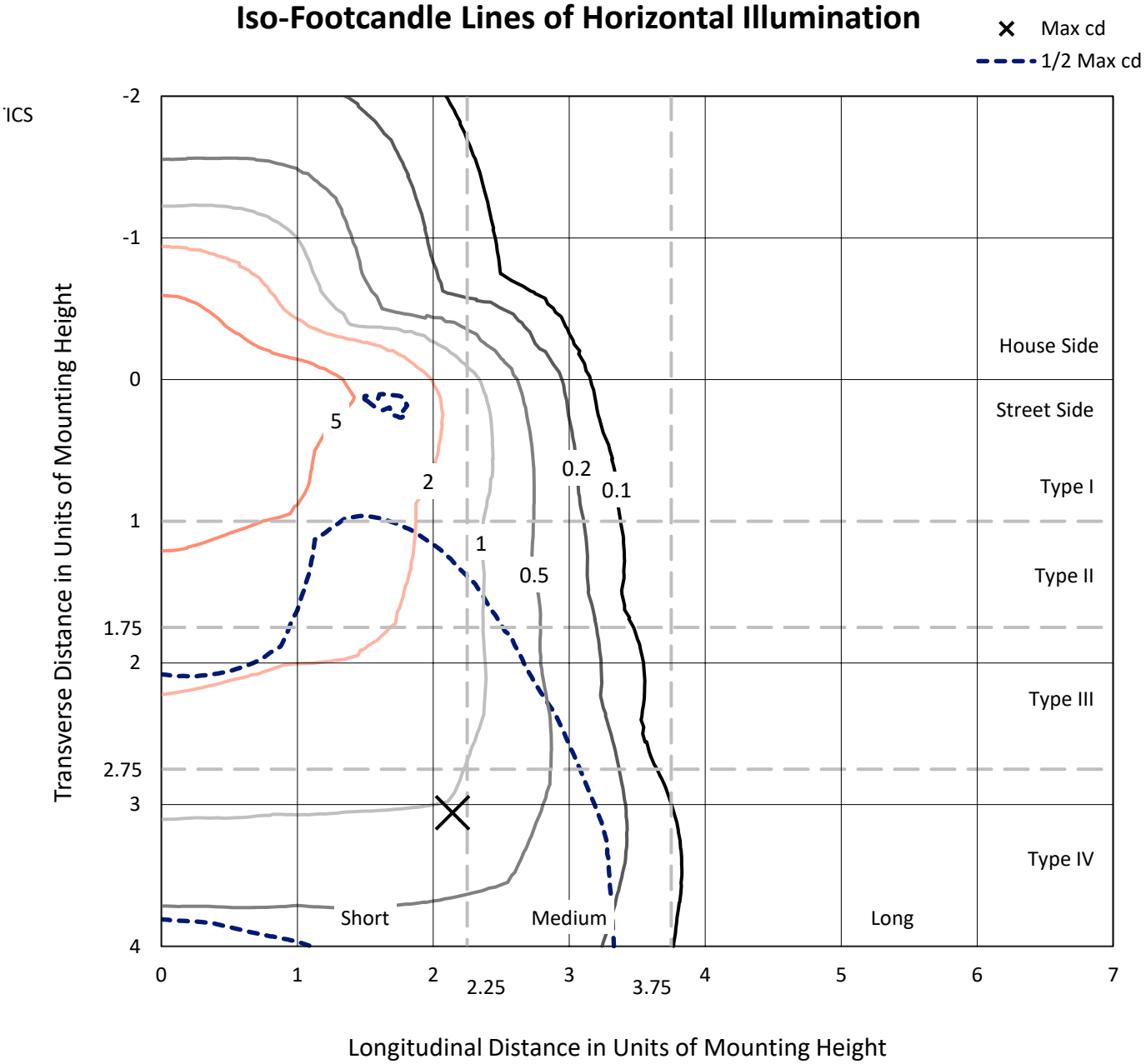


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Scaled Data Report

REPORT NUMBER: P1202001
CATALOG NUMBER: GWC-SB1C-830-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



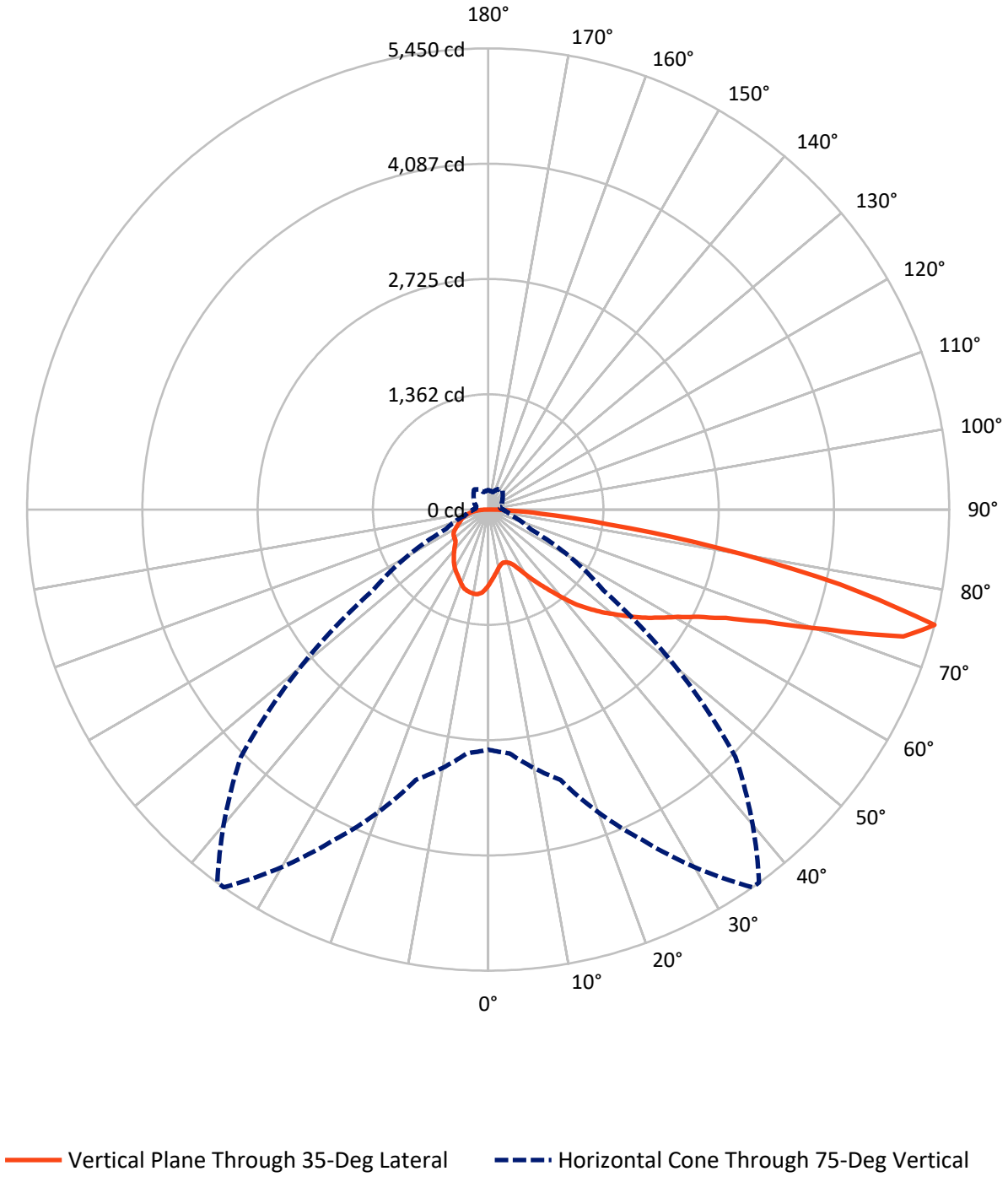
Based on 10 foot mounting height. Maximum calculated value = 7.4 fc
Type IV - Short - N/A

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REPORT NUMBER: P1202001
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Luminous Intensity Polar Plot



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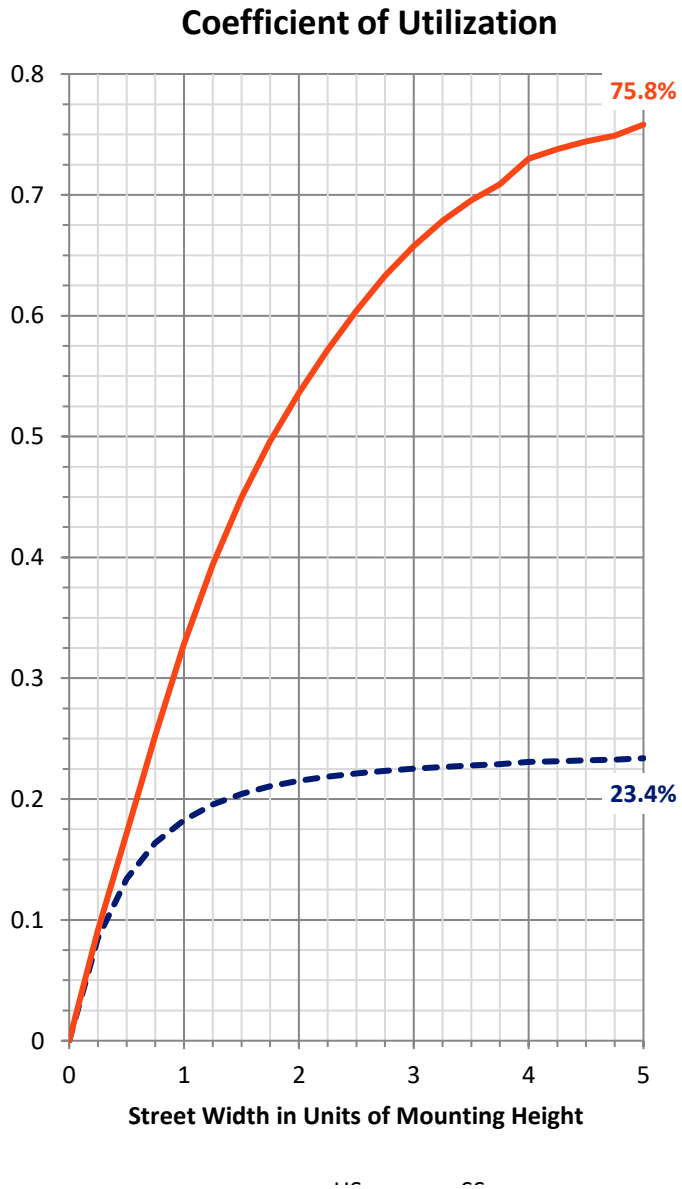
REPORT NUMBER: P1202001
CATALOG NUMBER: GWC-SB1C-830-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1591.1	0.0	1591.1
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	5094.9	0.0	5094.9
	% Fixture	76.2	0.0	76.2
Total	Lumens	6686.0	0.0	6686.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.4	1.3
10°-20°	243.3	3.6
20°-30°	408.6	6.1
30°-40°	635.0	9.5
40°-50°	942.5	14.1
50°-60°	1301.2	19.5
60°-70°	1578.7	23.6
70°-80°	1304.6	19.5
80°-90°	187.7	2.8
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°	6686.0	100.0
0°-180°	6686.0	100.0



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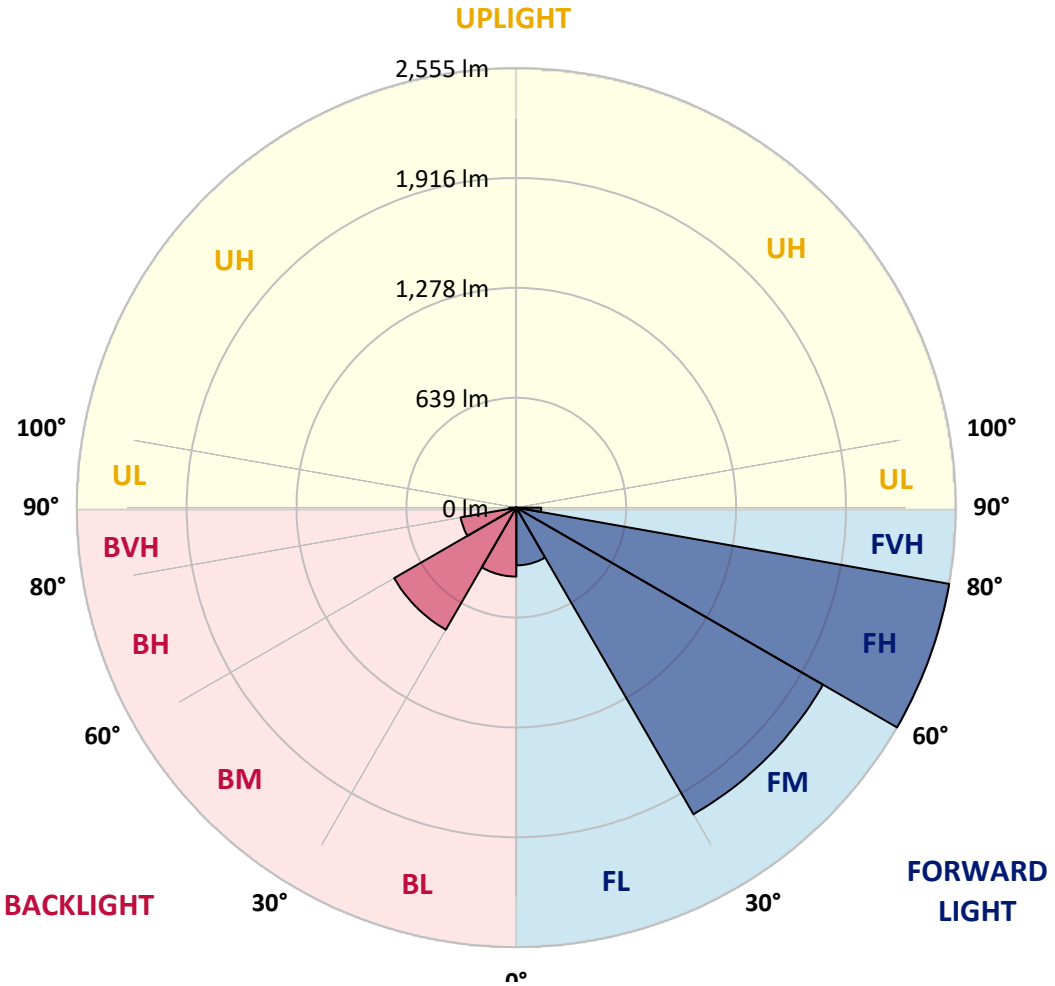
Scaled Data Report

REPORT NUMBER: P1202001
CATALOG NUMBER: GWC-SB1C-830-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	335.3	5.0			
FM	(30°-60°)	2058.9	30.8			
FH	(60°-80°)	2555.3	38.2			G2/5000
FVH	(80°-90°)	145.4	2.2			G2/225
BL	(0°-30°)	401.0	6.0	B1/500		
BM	(30°-60°)	819.8	12.3	B1/1000		
BH	(60°-80°)	328.0	4.9	B1/500		G1/500
BVH	(80°-90°)	42.3	0.6			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 IV Short



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Scaled Data Report

REPORT NUMBER: P1202001
CATALOG NUMBER: GWC-SB1C-830-U-T4FT

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0
2.5°	821.6	826.6	828.8	827.7	833.1	832.4	840.0	849.4	862.4	875.1	893.5
5°	758.3	763.7	768.4	772.8	783.2	786.5	798.4	816.5	840.4	864.6	894.9
7.5°	699.4	704.1	711.3	719.3	737.0	740.2	760.1	788.3	821.6	857.0	898.9
10°	651.3	656.0	663.6	672.6	694.7	698.7	724.0	761.6	804.9	849.8	903.2
12.5°	630.7	632.2	636.5	645.5	664.7	667.2	695.1	738.1	788.7	844.3	909.7
15°	629.6	632.5	632.9	637.6	653.5	654.6	680.2	722.9	778.5	843.2	919.5
17.5°	640.5	642.6	639.4	642.3	655.7	657.5	677.7	715.7	775.3	847.9	936.1
20°	669.4	671.2	661.4	657.5	667.2	668.7	688.5	720.4	778.5	857.7	958.9
22.5°	730.8	731.9	708.1	691.8	692.5	693.2	710.6	739.5	791.2	875.4	987.8
25°	826.6	825.9	787.9	756.5	738.4	734.5	746.0	770.6	812.5	898.9	1025.0
27.5°	938.7	933.2	895.3	848.3	808.9	803.1	800.6	811.1	842.9	930.0	1070.6
30°	1065.2	1060.1	1019.3	957.8	903.2	893.8	870.0	864.6	888.1	972.3	1133.8
32.5°	1204.0	1200.7	1151.9	1077.5	1004.4	993.6	953.5	939.0	957.5	1036.3	1222.0
35°	1320.3	1317.5	1277.0	1200.3	1111.1	1097.7	1056.9	1040.6	1050.0	1118.3	1337.3
37.5°	1425.5	1424.1	1389.4	1329.0	1236.9	1220.6	1174.7	1169.3	1167.5	1226.4	1477.2
40°	1523.1	1519.5	1483.4	1451.6	1383.2	1368.4	1327.9	1323.2	1309.5	1359.4	1635.5
42.5°	1631.2	1621.8	1569.4	1554.6	1536.1	1523.8	1499.6	1500.3	1470.0	1509.4	1803.2
45°	1719.4	1714.0	1660.1	1651.4	1671.3	1666.2	1687.2	1692.6	1633.7	1666.6	1977.4
47.5°	1814.1	1809.0	1763.5	1757.3	1811.2	1812.6	1886.7	1888.5	1793.5	1830.0	2152.0
50°	1930.8	1923.6	1878.4	1886.0	1946.4	1951.8	2087.3	2075.0	1940.6	1995.9	2325.2
52.5°	2007.8	2012.1	2002.4	2014.7	2097.1	2102.1	2284.7	2253.2	2086.2	2159.6	2495.0
55°	2064.6	2073.2	2103.6	2131.8	2256.1	2261.2	2470.8	2422.7	2207.0	2311.4	2654.8
57.5°	2137.6	2125.3	2182.0	2237.0	2407.2	2420.6	2651.9	2586.1	2314.0	2442.3	2764.3
60°	2242.4	2233.7	2277.8	2359.1	2576.4	2597.7	2843.5	2733.2	2392.4	2546.0	2785.6
62.5°	2454.9	2433.2	2440.1	2512.0	2789.6	2817.8	3059.6	2861.5	2431.4	2586.5	2671.4
65°	2772.6	2735.4	2700.7	2750.6	3090.0	3117.8	3303.6	2962.4	2417.0	2508.0	2368.2
67.5°	3172.7	3135.9	3093.2	3140.2	3532.4	3554.4	3604.7	3019.1	2303.1	2205.9	1832.1
70°	3502.7	3489.0	3540.0	3733.3	4239.0	4239.7	3990.7	2972.1	1991.2	1564.0	1060.1
72.5°	3459.0	3450.7	3719.2	4317.1	5129.6	5110.4	4356.1	2616.5	1341.3	705.5	397.2
75°	2837.7	2891.5	3307.6	4306.6	5449.5	5446.9	4132.4	1663.4	554.8	292.4	205.3
77.5°	1521.7	1607.0	2147.3	3179.6	4254.2	4318.1	2905.3	581.9	238.2	187.2	142.0
80°	496.3	570.7	855.9	1618.9	2764.3	2752.4	1245.2	228.4	163.0	132.6	98.3
82.5°	210.7	219.4	382.4	764.5	1418.7	1396.6	396.5	131.2	114.6	90.7	60.7
85°	82.4	92.2	168.8	353.5	614.5	601.1	143.1	65.1	73.4	59.3	36.1
87.5°	27.1	32.9	60.4	121.1	191.2	184.3	35.1	22.4	31.8	27.1	13.0
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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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1202001
CATALOG NUMBER: GWC-SB1C-830-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0
2.5°	898.5	904.3	911.2	921.3	930.0	937.2	944.8	949.5	951.3	956.7	956.4
5°	905.1	917.7	934.7	951.3	967.6	977.3	986.0	990.4	994.3	997.2	997.9
7.5°	915.9	932.2	958.9	980.6	994.3	1002.3	1008.1	1006.6	1008.1	1008.8	1009.9
10°	925.3	948.1	979.9	1000.5	1011.0	1011.3	1009.9	1004.8	1002.3	1002.6	1003.4
12.5°	936.5	961.8	996.1	1013.5	1016.4	1008.4	1002.3	993.6	990.4	988.9	988.2
15°	951.7	980.6	1013.8	1020.4	1013.1	1003.0	992.5	978.4	971.2	965.4	967.2
17.5°	970.1	1001.9	1027.6	1022.9	1007.3	990.7	973.7	952.4	937.6	931.4	931.8
20°	995.8	1024.3	1038.1	1017.5	994.0	968.7	939.7	913.7	900.0	893.8	893.1
22.5°	1026.9	1054.3	1048.2	1008.1	974.8	934.3	898.2	879.0	872.2	867.8	868.5
25°	1064.1	1087.6	1055.4	994.3	943.4	888.8	861.0	854.8	851.6	848.3	848.3
27.5°	1112.5	1125.2	1060.8	974.1	894.2	840.4	830.2	831.3	830.2	824.8	825.9
30°	1176.5	1174.0	1065.9	941.2	837.8	796.6	797.3	802.0	802.8	799.1	801.0
32.5°	1260.7	1235.0	1068.4	898.5	784.0	758.3	759.0	764.1	767.7	761.6	764.5
35°	1362.6	1306.3	1064.4	845.1	742.4	721.8	716.4	717.8	718.9	713.1	717.1
37.5°	1481.6	1386.1	1046.7	785.8	708.1	686.0	674.5	664.7	658.9	653.5	657.1
40°	1612.0	1473.2	1014.2	727.9	669.8	648.1	630.7	612.3	592.8	585.5	588.8
42.5°	1748.7	1562.9	974.8	672.6	625.7	607.9	589.5	562.8	533.5	518.7	520.5
45°	1890.3	1654.7	936.1	618.1	580.5	572.9	551.6	519.4	487.6	468.8	467.3
47.5°	2029.1	1741.4	879.4	563.1	538.2	546.5	529.9	500.2	464.8	435.2	431.9
50°	2161.8	1822.8	786.5	507.5	503.9	538.5	522.6	480.0	439.5	401.6	398.3
52.5°	2293.4	1888.5	667.6	456.9	485.4	536.4	513.2	466.3	416.7	377.0	372.6
55°	2405.0	1922.5	553.0	413.5	458.7	517.9	502.0	450.0	384.6	342.3	338.7
57.5°	2468.6	1895.0	457.6	370.8	421.8	487.6	482.9	415.3	346.3	313.7	309.4
60°	2441.2	1783.7	379.5	333.6	386.7	454.7	449.6	381.0	317.0	286.3	281.9
62.5°	2289.7	1571.6	317.7	301.1	354.9	421.1	416.4	354.6	294.6	264.9	260.2
65°	1984.7	1278.4	269.6	274.0	322.8	380.6	387.5	332.5	276.9	247.9	243.3
67.5°	1513.7	926.0	232.0	250.5	291.3	340.8	360.7	316.6	262.0	234.6	230.2
70°	862.8	525.9	200.2	227.7	263.5	304.0	340.1	304.0	246.1	223.4	220.5
72.5°	327.1	241.4	173.1	204.9	236.7	272.9	317.3	284.1	227.7	210.7	207.8
75°	*174.6*	*147.1*	*145.7*	*178.2*	*206.0*	*242.5*	*288.8*	*264.6*	*214.0*	*222.6*	*229.9*
77.5°	118.9	104.1	121.8	152.5	172.4	208.9	258.4	234.9	185.4	184.7	170.2
80°	82.4	73.7	99.0	122.9	133.4	175.7	225.5	201.7	151.1	141.0	134.8
82.5°	49.5	48.1	74.1	91.8	94.3	135.5	186.9	169.2	123.6	107.7	108.4
85°	27.1	28.6	47.3	53.9	54.9	94.7	146.4	130.8	95.1	79.9	80.6
87.5°	7.6	9.8	17.3	21.3	26.4	49.2	87.1	77.7	47.7	33.3	33.3
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

0

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

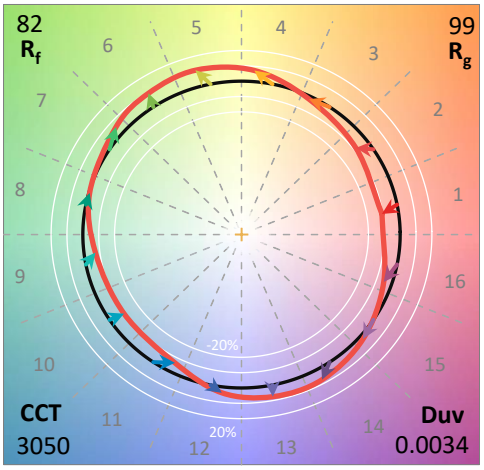
Test Information

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

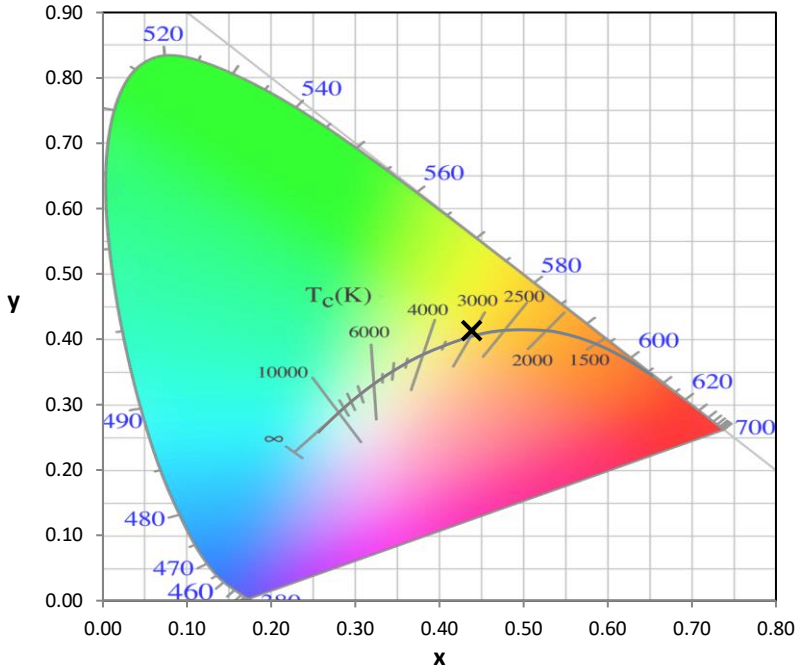
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

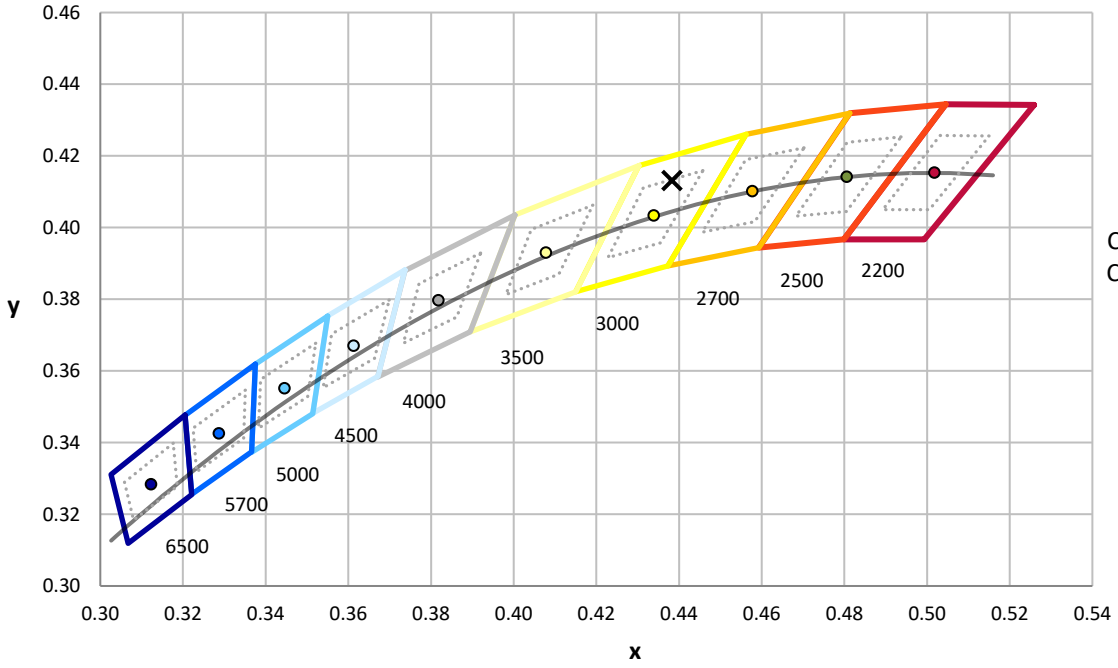
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

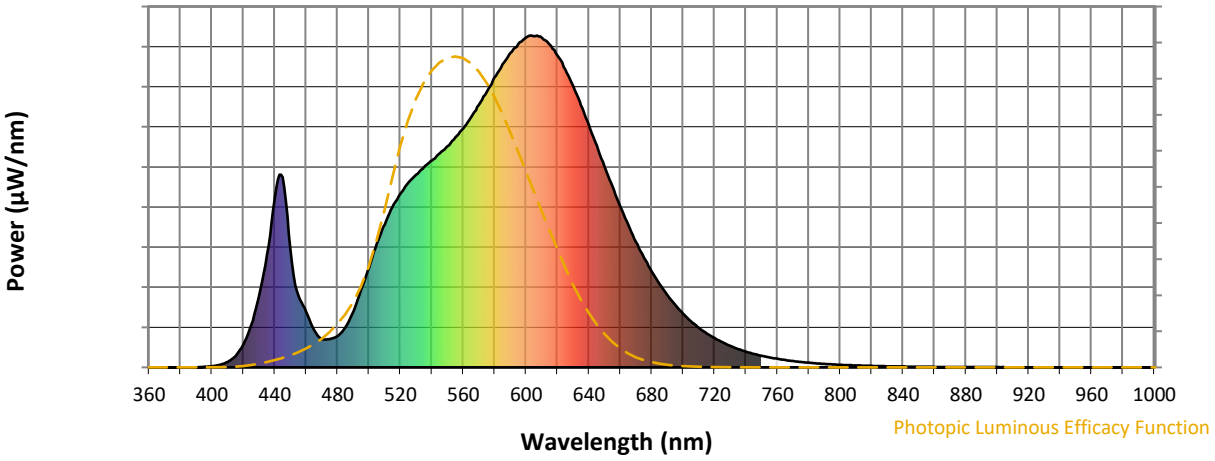


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

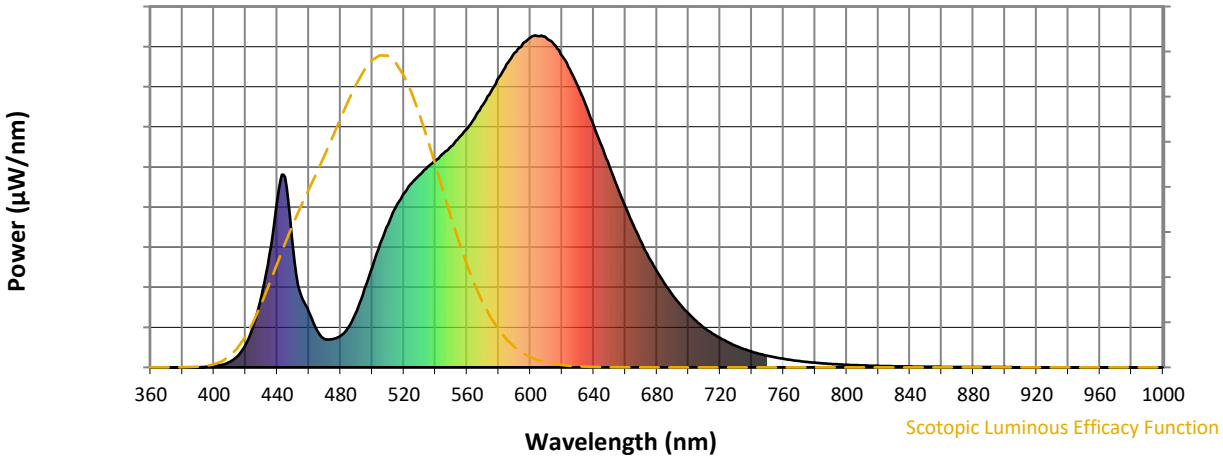


Photopic Lumens: NR

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

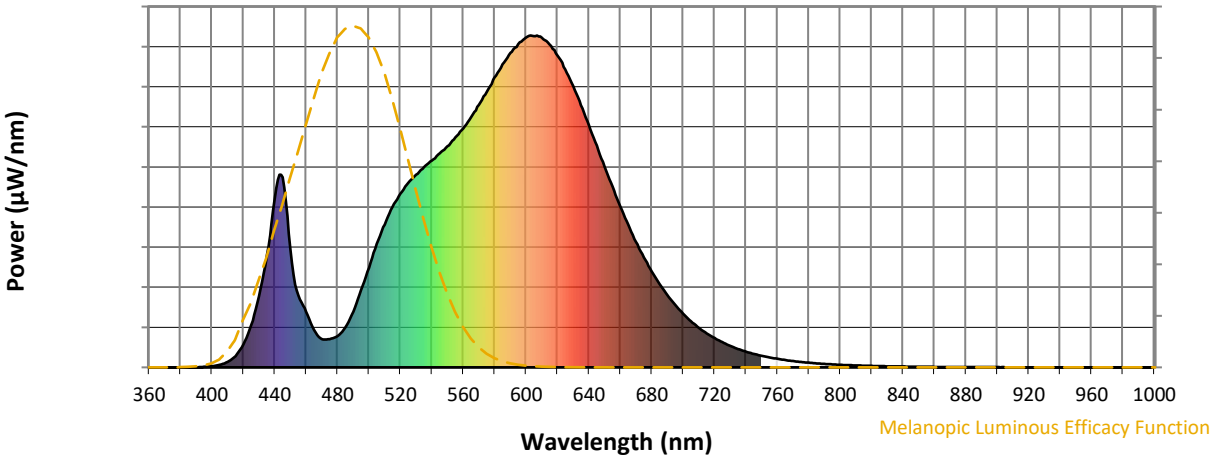


Scotopic Lumens: NR **S/P: 1.27**

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			

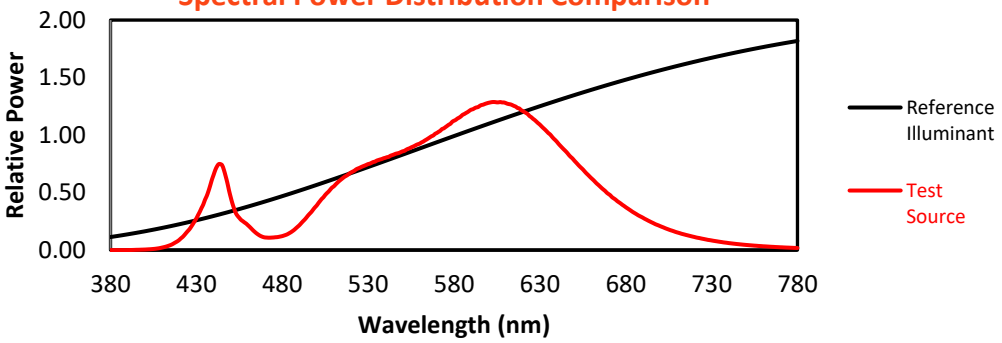
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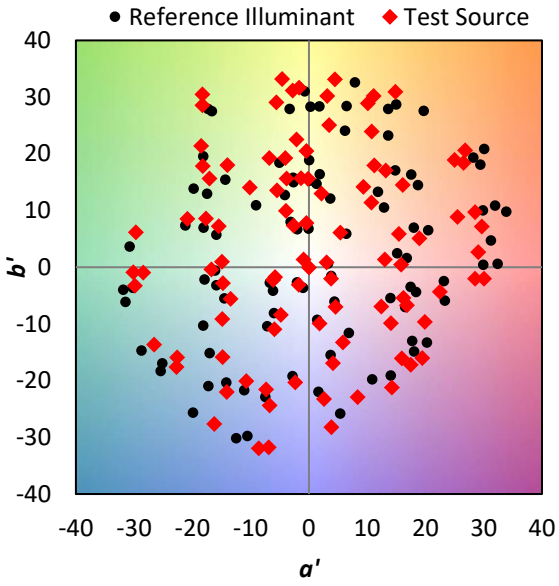
Summary

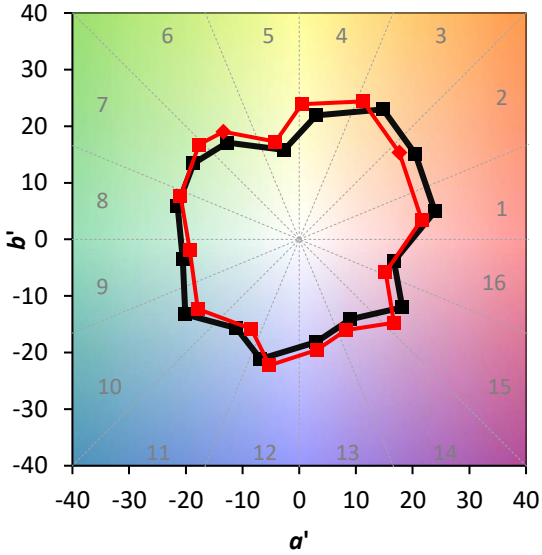
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

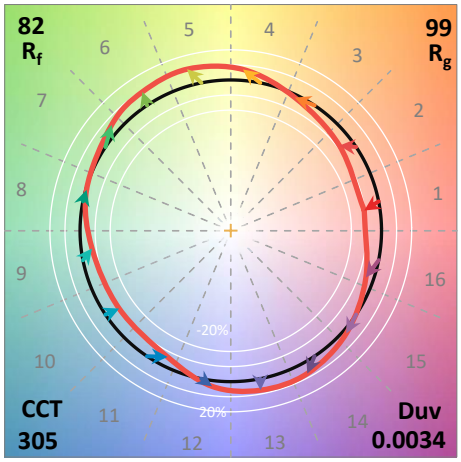
Spectral Power Distribution Comparison

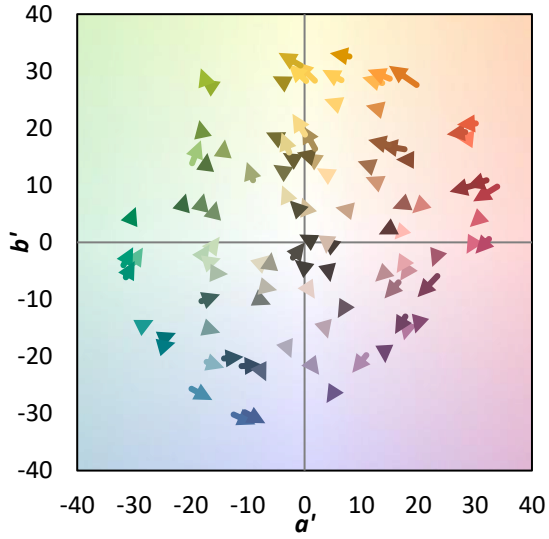


Color Vector Graphics







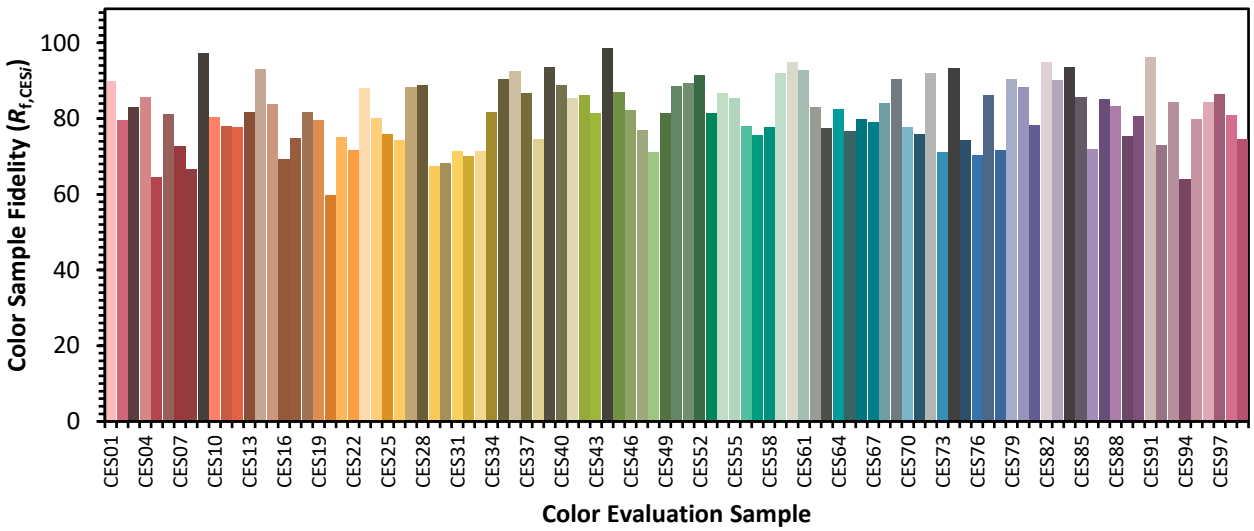


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Individual Sample Fidelity Index ($R_{f,i}$)

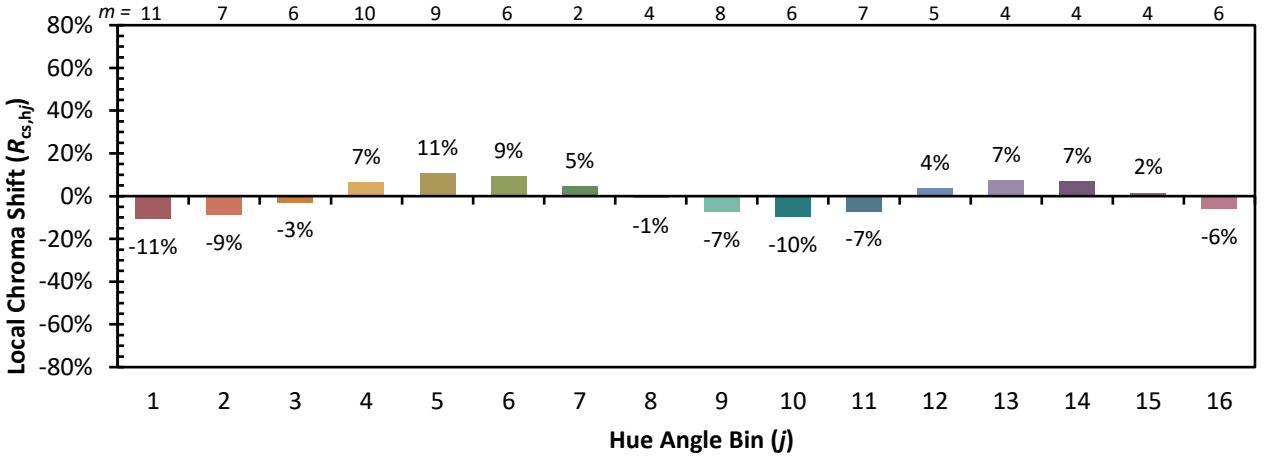
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

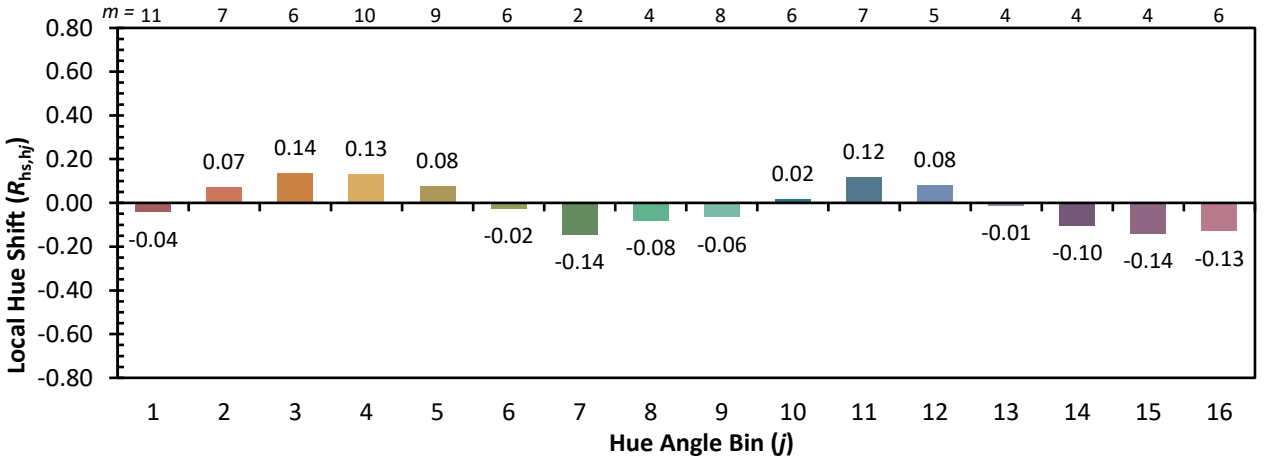


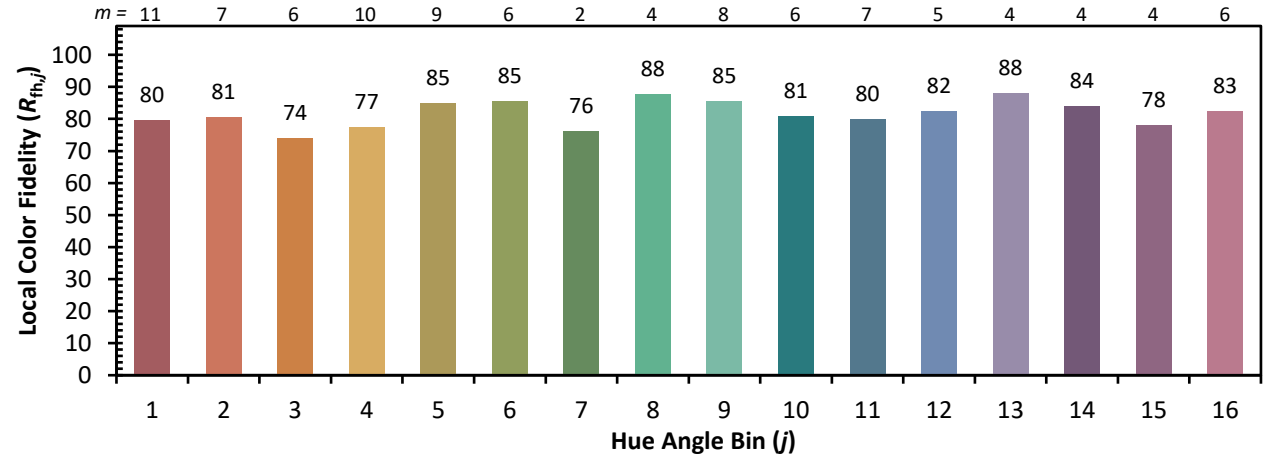
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Color Rendition by Hue-Angle Bin



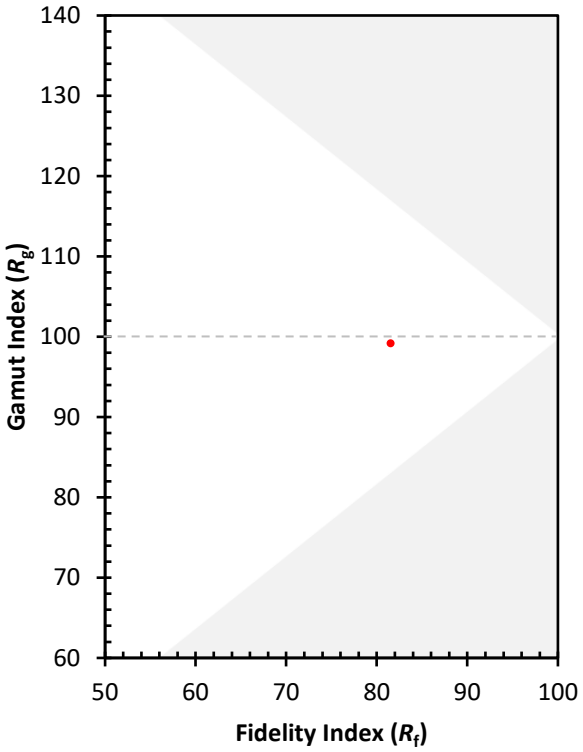


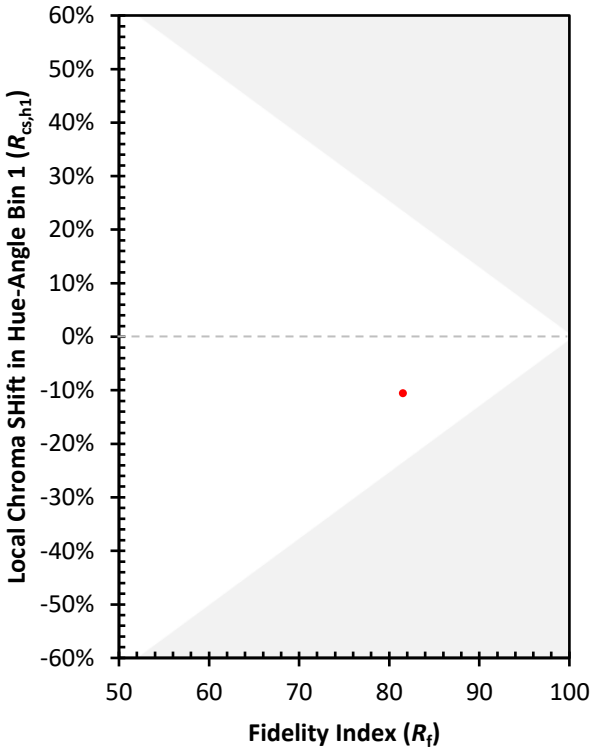


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Measure Comparisons





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