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: P1203122

Luminaire Tested: GWC-SB2B-830-U-T4FT-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:	P1203122
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2B-830-U-T4FT-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV FORWARD THRC OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7659 lumens
Efficiency:	N/A
Efficacy:	103.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
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

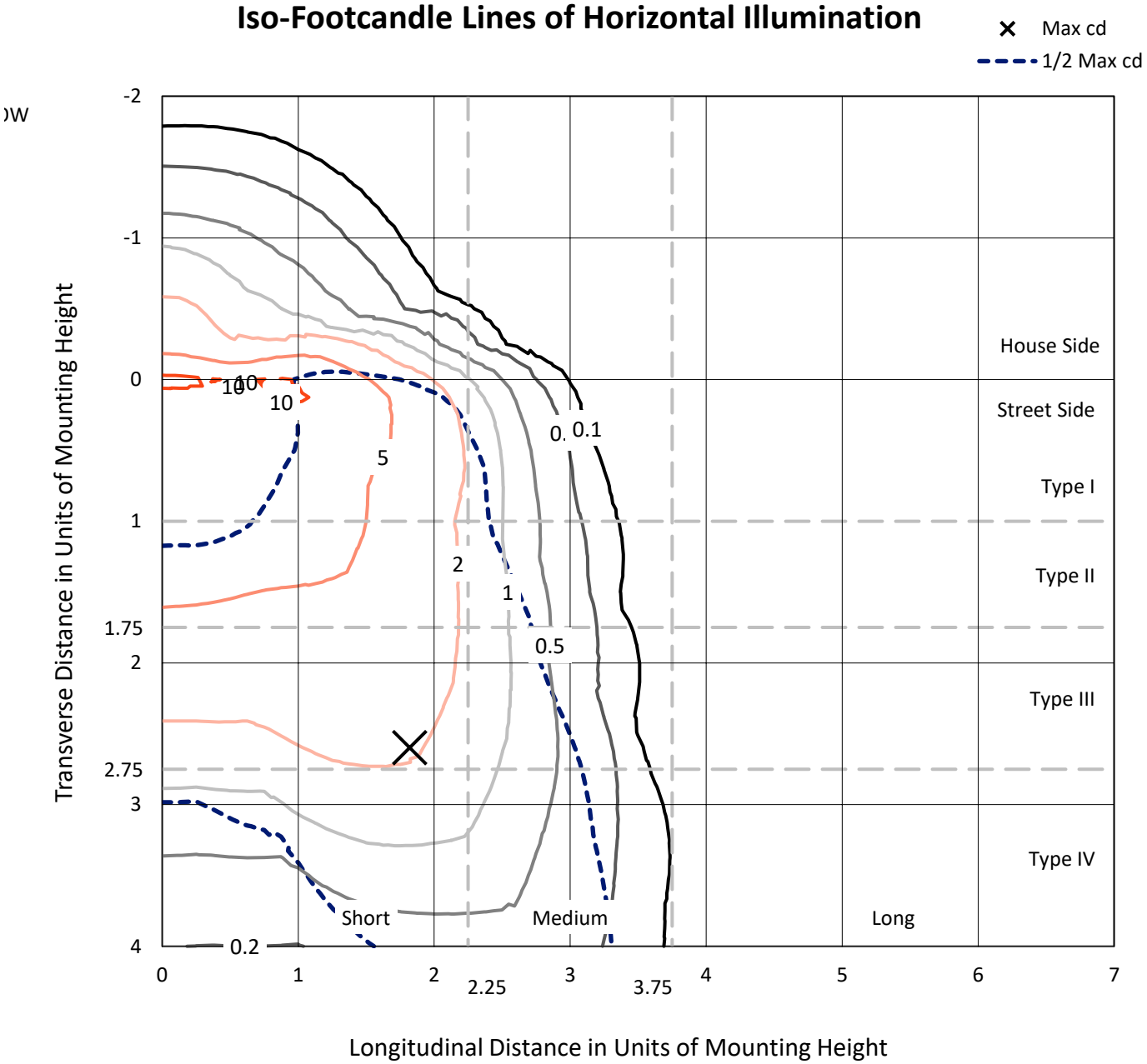


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REPORT NUMBER: P1203122
CATALOG NUMBER: GWC-SB2B-830-U-T4FT-HSS

Iso-Footcandle Lines of Horizontal Illumination



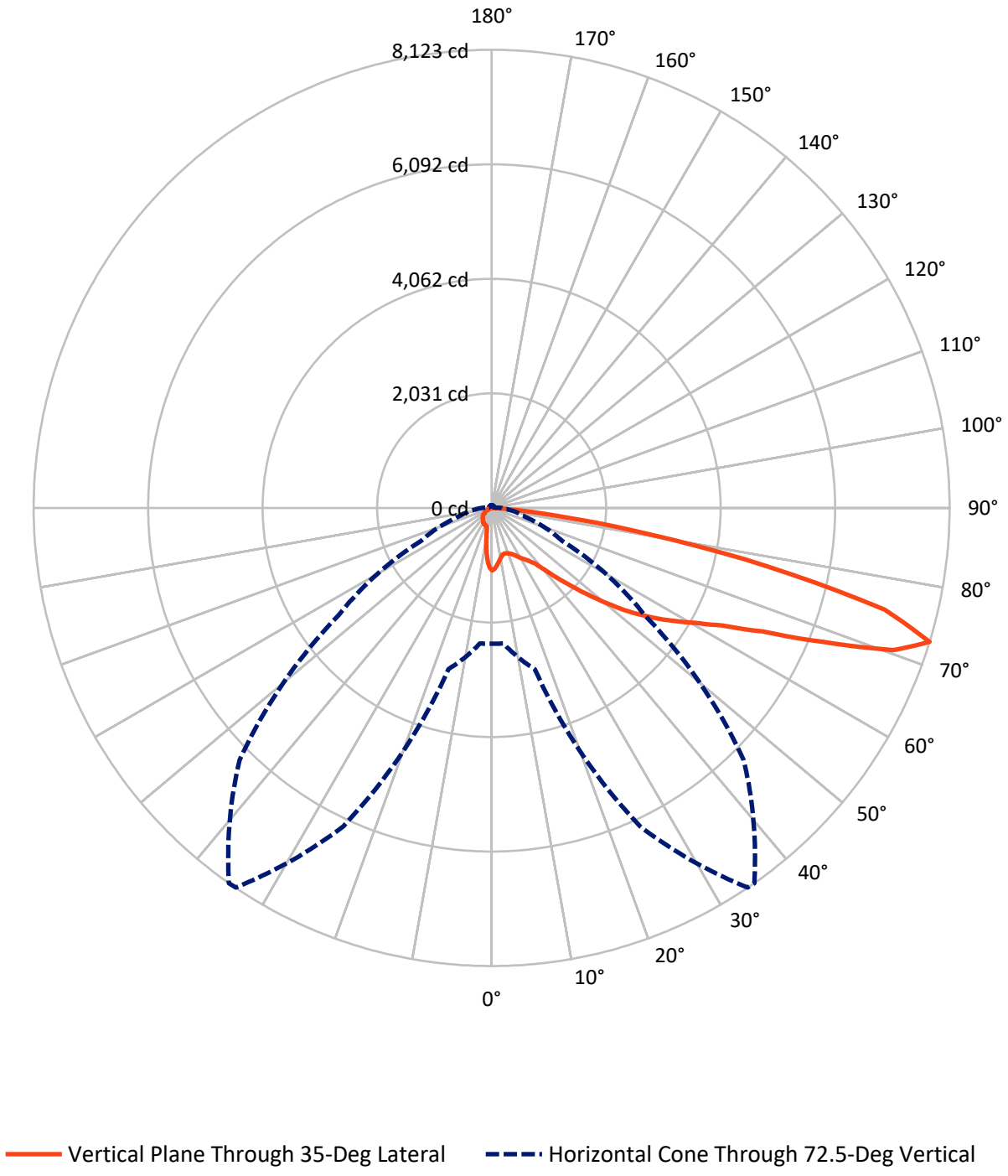
Based on 10 foot mounting height. Maximum calculated value = 15.9 fc
Type IV - Short - N/A

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REPORT NUMBER: P1203122
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Luminous Intensity Polar Plot



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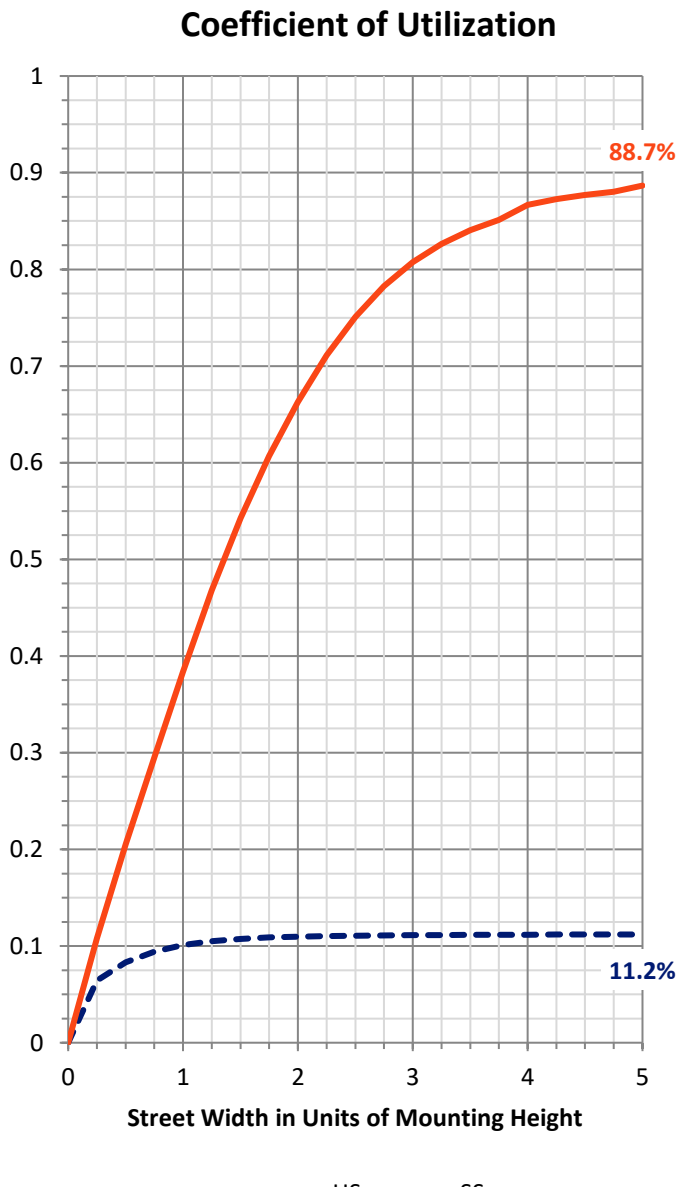
REPORT NUMBER: P1203122
CATALOG NUMBER: GWC-SB2B-830-U-T4FT-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	862.0	0.0	862.0
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	6797.0	0.0	6797.0
	% Fixture	88.7	0.0	88.7
Total	Lumens	7659.0	0.0	7659.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.2	1.2
10°-20°	213.4	2.8
20°-30°	346.6	4.5
30°-40°	578.4	7.6
40°-50°	1094.3	14.3
50°-60°	1738.8	22.7
60°-70°	2151.1	28.1
70°-80°	1337.1	17.5
80°-90°	108.1	1.4
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°	7659.0	100.0
0°-180°	7659.0	100.0



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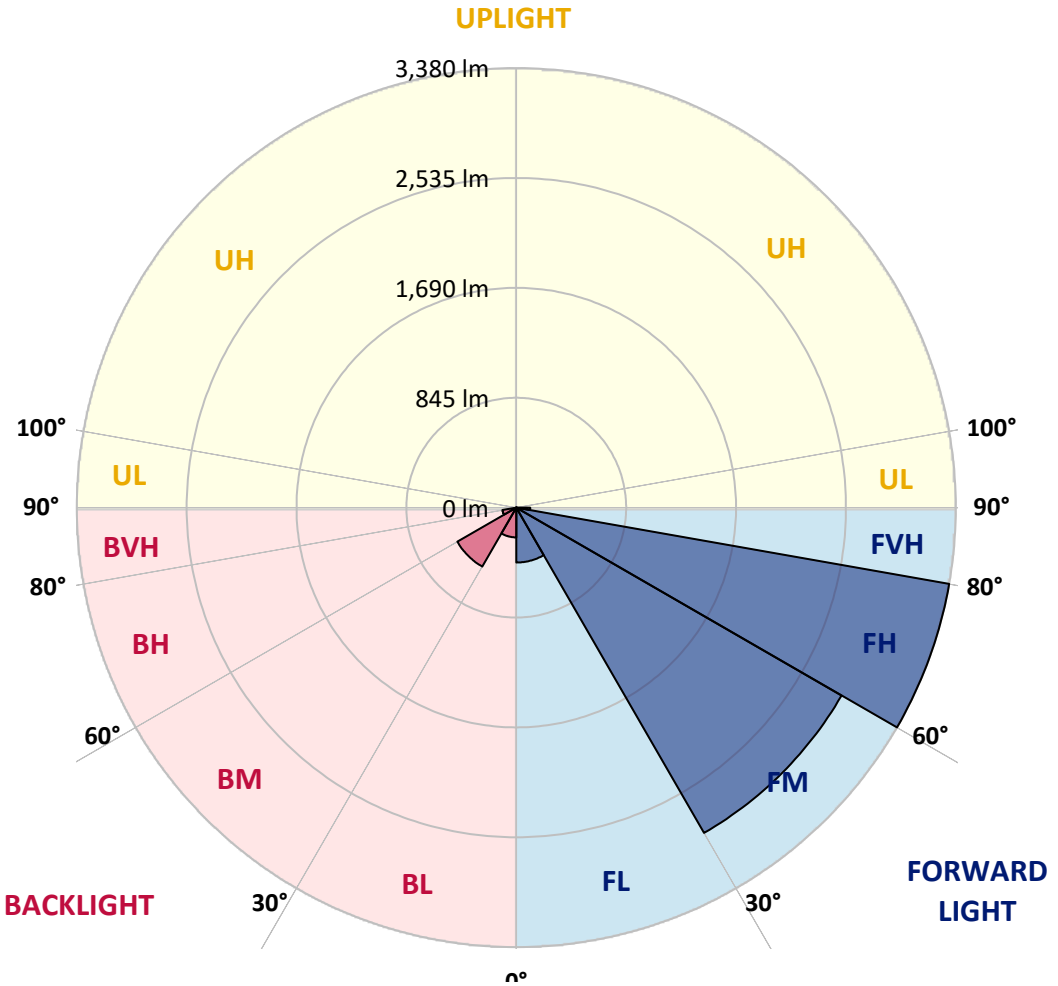
Scaled Data Report

REPORT NUMBER: P1203122
CATALOG NUMBER: GWC-SB2B-830-U-T4FT-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	422.2	5.5			
FM	(30°-60°)	2888.2	37.7			
FH	(60°-80°)	3380.0	44.1			G2/5000
FVH	(80°-90°)	106.6	1.4			G2/225
BL	(0°-30°)	229.0	3.0	B1/500		
BM	(30°-60°)	523.3	6.8	B1/1000		
BH	(60°-80°)	108.2	1.4	B0/110		G0/110
BVH	(80°-90°)	1.5	0.0			G0/10
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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REPORT NUMBER: P1203122
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1110.0	1110.0	1110.0	1110.0	1110.0	*1110.0*	1110.0	1110.0	1110.0	1110.0	1110.0
2.5°	1060.7	1069.6	1071.3	1074.1	1074.1	*1077.5*	1083.1	1091.0	1103.9	1110.6	1115.1
5°	977.6	984.3	992.8	999.5	1012.4	*1014.1*	1036.0	1057.3	1087.0	1109.5	1125.2
7.5°	894.0	901.8	913.1	929.3	946.2	*951.2*	984.3	1020.3	1067.4	1109.5	1135.9
10°	835.1	835.6	845.7	862.0	888.9	*895.1*	935.5	986.6	1045.5	1102.8	1146.0
12.5°	801.9	805.9	810.4	822.7	848.5	*852.5*	895.7	955.7	1023.6	1098.8	1157.7
15°	801.9	804.8	807.6	813.7	834.5	*837.9*	876.0	936.1	1012.4	1100.5	1176.8
17.5°	810.4	814.9	812.6	819.9	841.8	*844.0*	877.7	930.5	1011.8	1111.2	1206.0
20°	830.6	833.9	829.4	833.9	855.8	*860.3*	895.1	941.1	1021.4	1129.7	1242.5
22.5°	862.6	864.2	853.6	856.9	879.4	*885.0*	925.4	971.4	1044.4	1159.4	1291.3
25°	903.0	906.3	890.1	894.0	915.3	*922.0*	968.6	1016.9	1080.9	1200.4	1353.6
27.5°	949.5	951.2	937.2	936.6	964.1	*973.7*	1020.8	1073.0	1129.7	1252.0	1432.2
30°	1002.9	1007.9	994.4	992.2	1027.0	*1034.8*	1081.4	1142.0	1201.5	1329.5	1543.9
32.5°	1044.9	1048.9	1041.0	1046.6	1082.0	*1088.2*	1154.9	1239.7	1314.3	1439.5	1695.9
35°	1105.6	1107.8	1089.8	1099.9	1140.4	*1156.1*	1255.4	1376.6	1456.3	1577.5	1894.6
37.5°	1325.0	1325.0	1248.7	1198.7	1237.4	*1251.5*	1392.9	1548.9	1631.4	1762.7	2144.9
40°	1628.6	1623.5	1511.9	1409.7	1404.7	*1432.2*	1588.7	1766.1	1857.6	1985.0	2426.6
42.5°	1952.4	1944.5	1792.5	1691.4	1674.6	*1684.1*	1814.9	2033.8	2126.9	2256.0	2729.7
45°	2239.7	2237.5	2098.3	1962.5	1932.2	*1962.5*	2097.2	2346.9	2413.7	2549.5	3032.1
47.5°	2480.5	2480.5	2378.9	2290.2	2274.5	*2292.5*	2479.4	2694.3	2688.1	2862.1	3326.8
50°	2757.7	2755.5	2658.9	2620.8	2637.1	*2662.3*	2919.3	3060.2	2972.1	3169.1	3590.0
52.5°	2951.9	2965.4	2932.2	2926.1	3009.1	*3052.9*	3366.1	3418.2	3226.3	3460.3	3787.0
55°	3105.7	3121.4	3159.5	3202.7	3362.7	*3419.9*	3798.7	3757.8	3439.0	3712.9	3900.3
57.5°	3323.4	3301.0	3359.9	3445.2	3703.9	*3772.9*	4217.9	4078.2	3610.2	3917.7	3912.7
60°	3587.7	3591.1	3601.2	3708.9	4044.5	*4133.2*	4631.0	4381.3	3720.2	4043.4	3775.7
62.5°	3905.4	3910.4	3931.2	4096.7	4501.9	*4585.5*	5071.0	4629.3	3770.7	4008.1	3422.2
65°	3883.5	3904.8	4136.6	4702.8	5197.2	*5279.7*	5584.5	4803.3	3694.4	3684.8	2786.3
67.5°	3537.8	3572.6	3960.4	5426.8	6245.6	*6337.6*	6205.1	4837.5	3364.9	2865.5	1817.7
70°	3084.3	3096.7	3563.0	6077.8	7459.4	*7552.6*	6760.7	4460.9	2553.4	1598.3	814.3
72.5°	*2408.7*	*2411.5*	*2958.6*	*6228.7*	*8118.3*	*8123.3*	*6324.7*	*3311.6*	*1373.2*	*613.9*	*282.8*
75°	1720.6	1703.8	1981.6	5051.3	7142.3	*7199.6*	4741.5	1553.4	524.7	290.1	140.9
77.5°	922.6	941.1	1121.3	2995.7	4934.0	*5031.7*	2587.1	447.8	267.1	197.5	93.2
80°	285.1	300.8	459.6	1371.6	2794.8	*2853.7*	959.1	199.2	186.3	140.9	61.2
82.5°	89.8	93.2	214.4	576.3	1160.0	*1186.9*	277.8	112.8	127.4	93.2	35.9
85°	25.8	26.4	95.4	214.9	286.8	*292.4*	78.0	43.8	73.0	57.8	18.5
87.5°	2.8	9.0	35.9	35.9	25.3	*24.7*	8.4	9.5	20.8	7.3	3.4
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: P1203122
CATALOG NUMBER: GWC-SB2B-830-U-T4FT-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1110.0	1110.0	1110.0	1110.0	1110.0	1110.0	1110.0	1110.0	1110.0	1110.0	1110.0
2.5°	1112.3	1112.9	1105.6	1093.2	1079.7	1068.5	1054.5	1043.3	1035.4	1033.2	1037.1
5°	1120.1	1116.2	1095.5	1057.9	1013.0	974.2	931.0	896.8	874.3	864.8	868.2
7.5°	1131.9	1120.7	1075.3	1001.2	915.3	839.0	761.5	701.5	663.3	644.3	647.1
10°	1142.0	1119.6	1041.6	919.2	787.9	672.3	567.9	495.5	455.1	436.0	436.6
12.5°	1151.6	1119.0	997.8	822.2	644.3	502.8	405.7	369.8	358.6	354.7	353.6
15°	1169.5	1120.7	942.8	711.0	501.1	379.9	344.6	344.0	346.3	345.1	344.6
17.5°	1194.2	1122.4	880.5	593.2	386.7	335.0	333.4	338.4	341.8	340.1	339.5
20°	1226.2	1129.1	814.3	476.5	332.2	323.8	327.7	332.2	335.0	332.2	331.7
22.5°	1271.1	1140.9	741.9	382.7	314.8	317.1	320.4	325.5	328.3	324.4	323.8
25°	1326.1	1159.4	670.6	332.8	306.4	309.2	314.3	319.9	323.2	319.3	318.8
27.5°	1397.4	1189.2	605.0	321.6	298.0	299.7	307.0	315.4	319.9	314.8	314.8
30°	1500.6	1238.0	548.3	326.6	292.9	289.0	299.1	310.9	316.0	311.5	310.9
32.5°	1637.6	1307.0	513.5	334.5	290.7	276.7	286.2	301.4	309.8	307.0	307.0
35°	1817.2	1412.0	500.0	343.5	289.0	263.8	270.5	286.8	301.4	304.2	304.2
37.5°	2034.9	1557.9	504.0	347.4	284.0	253.1	256.5	270.5	289.6	298.6	300.8
40°	2282.4	1727.9	526.4	343.5	278.4	244.1	244.7	255.3	272.2	285.6	290.1
42.5°	2537.7	1926.6	567.9	328.9	273.3	236.3	234.6	241.9	253.1	262.6	266.6
45°	2780.7	2130.9	608.9	308.7	267.1	228.4	224.5	227.3	229.5	233.5	235.7
47.5°	2992.9	2274.5	597.1	290.1	258.7	219.4	212.7	211.6	204.8	204.3	203.7
50°	3139.3	2306.0	530.3	271.6	246.4	209.3	198.7	191.9	180.1	174.5	175.1
52.5°	3185.9	2181.9	433.2	253.1	226.2	195.9	180.7	170.0	155.5	150.4	149.8
55°	3124.2	1938.9	346.3	230.7	198.1	177.9	161.1	147.0	135.2	129.1	129.1
57.5°	2973.2	1629.7	273.9	204.3	168.4	157.7	140.9	126.8	116.7	110.6	109.4
60°	2722.9	1294.1	216.6	172.8	143.7	135.8	118.4	109.4	100.5	93.2	91.5
62.5°	2343.0	923.7	170.0	136.9	120.1	111.1	101.0	94.3	83.6	73.5	71.8
65°	1828.4	565.1	131.3	100.5	96.5	92.0	85.9	79.7	66.8	56.7	55.0
67.5°	1153.3	267.7	93.7	75.8	76.3	74.1	71.3	66.2	56.7	47.7	46.6
70°	507.9	129.6	61.7	57.8	56.7	56.7	58.9	57.2	48.3	39.8	38.2
72.5°	*172.8*	*69.6*	*46.0*	*43.8*	*41.0*	*40.4*	*49.4*	*47.7*	*38.7*	*30.9*	*29.2*
75°	90.4	46.6	33.7	31.4	24.7	29.7	39.3	37.0	27.5	20.2	18.5
77.5°	58.9	33.1	23.0	20.2	14.0	19.6	29.2	25.8	16.3	10.1	9.0
80°	37.0	21.9	13.5	9.5	6.7	10.7	15.7	11.2	6.2	2.2	1.7
82.5°	19.6	11.2	5.1	3.4	2.8	3.4	3.9	2.8	1.1	0.0	0.0
85°	7.9	3.9	1.7	1.1	0.6	0.0	1.1	0.6	0.0	0.0	0.0
87.5°	2.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

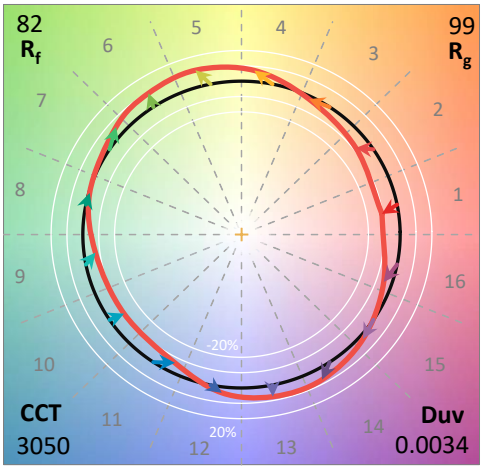
Test Information

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

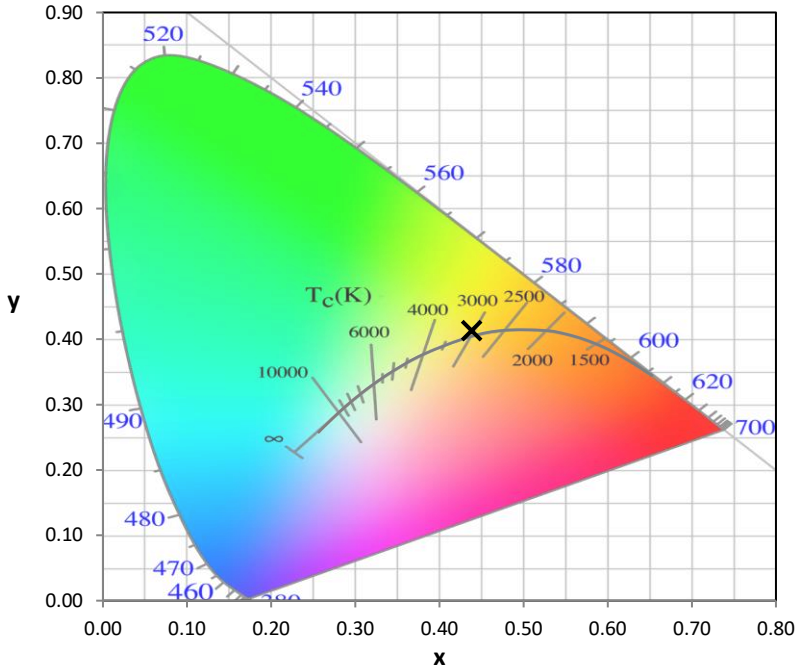
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

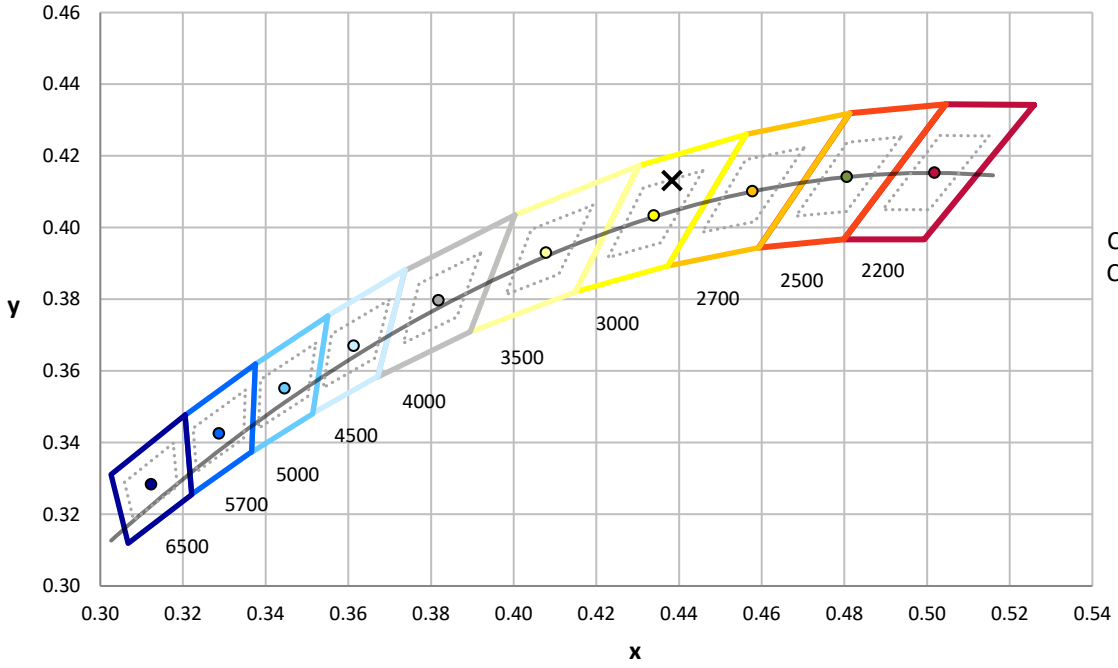
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

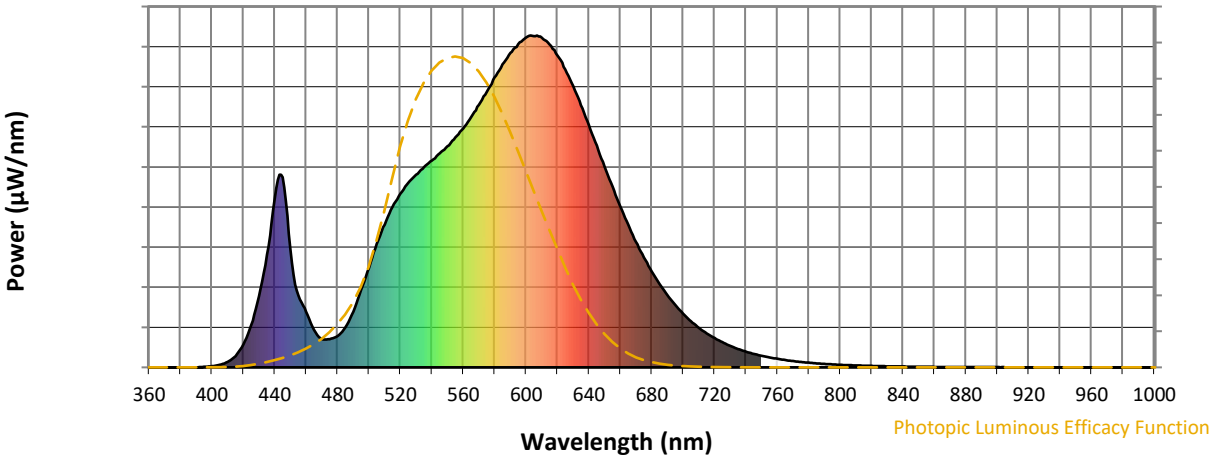


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

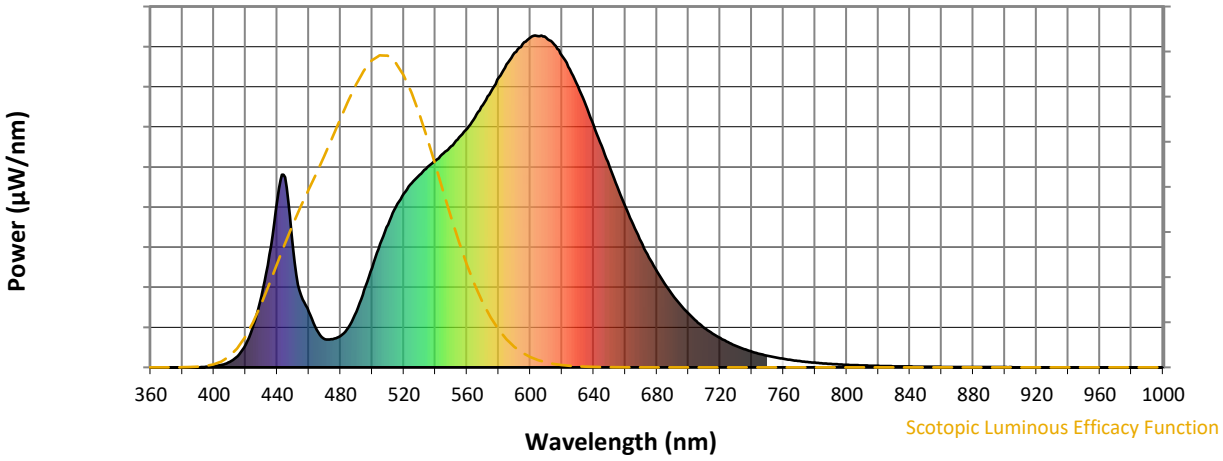


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

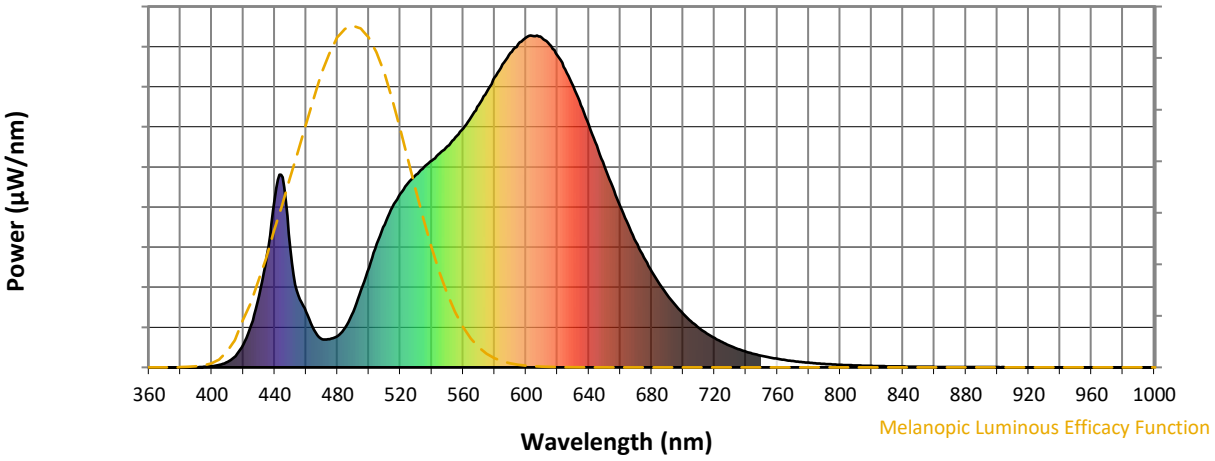


Scotopic Lumens: NR **S/P: 1.27**

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			

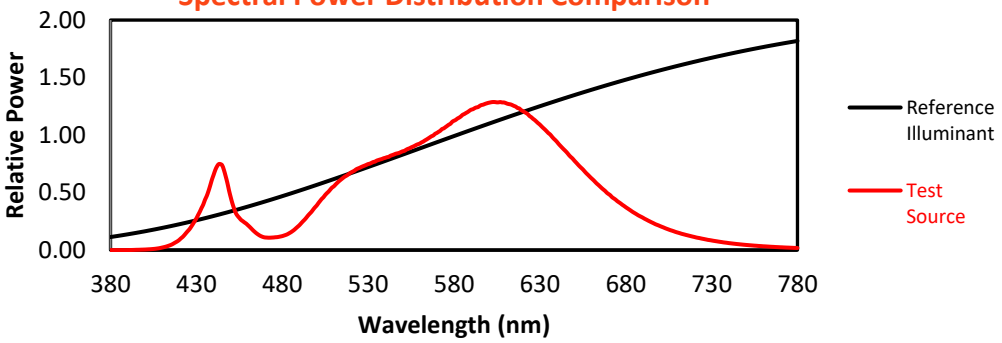
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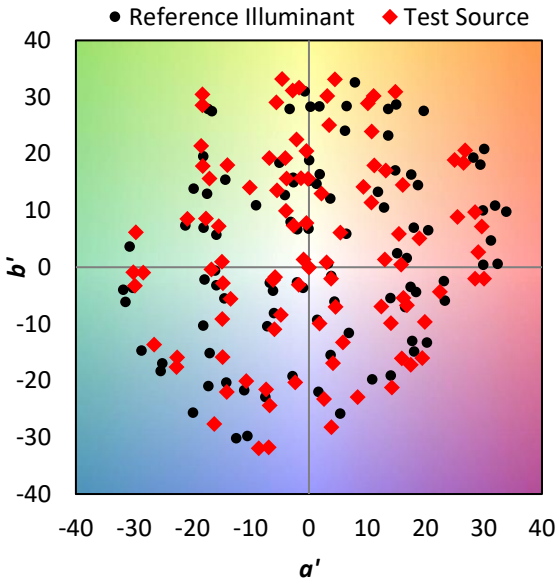
Summary

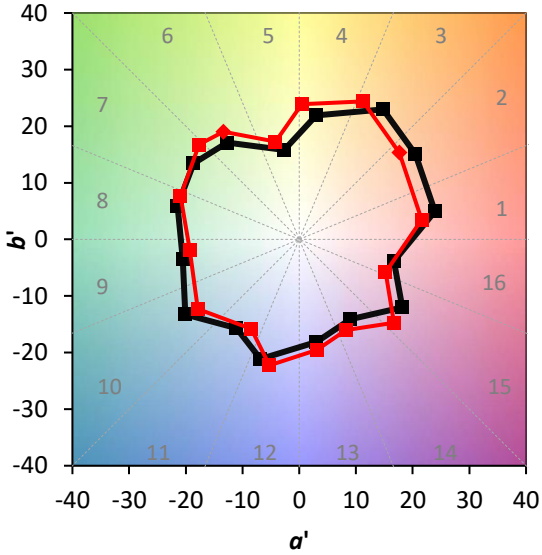
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

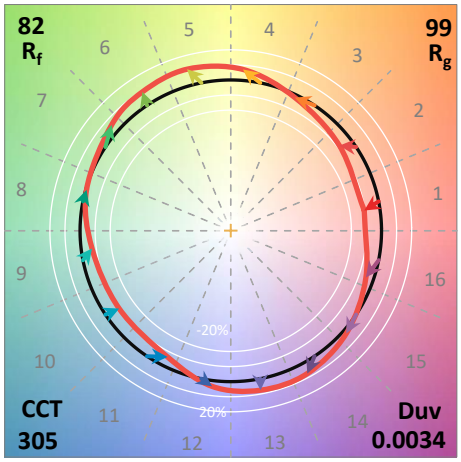
Spectral Power Distribution Comparison

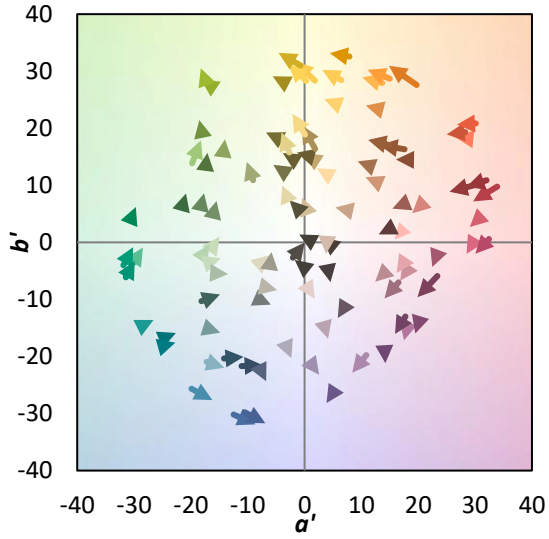


Color Vector Graphics







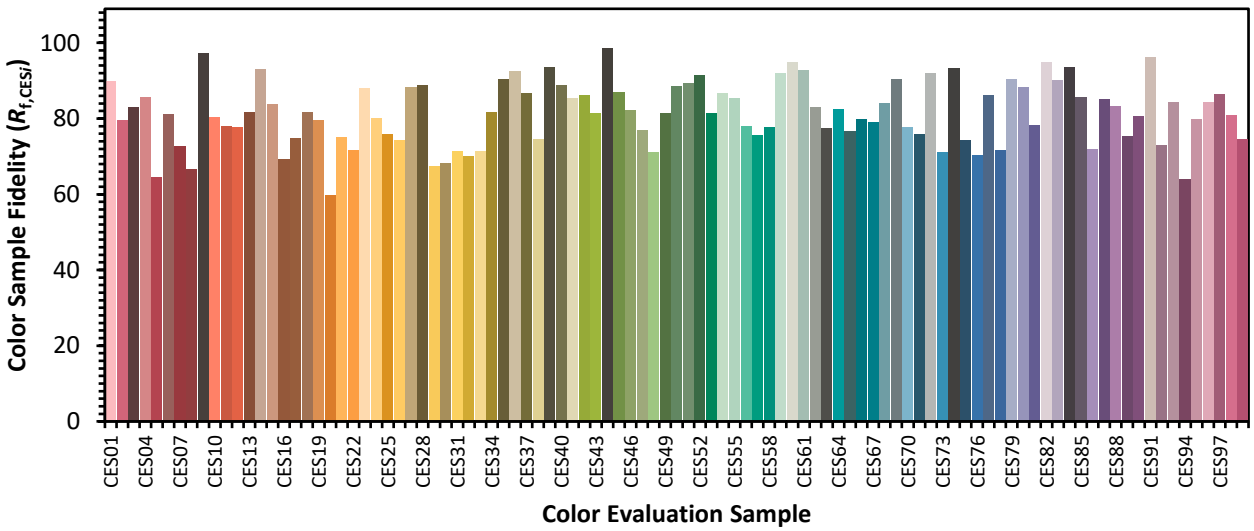


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Individual Sample Fidelity Index ($R_{f,i}$)

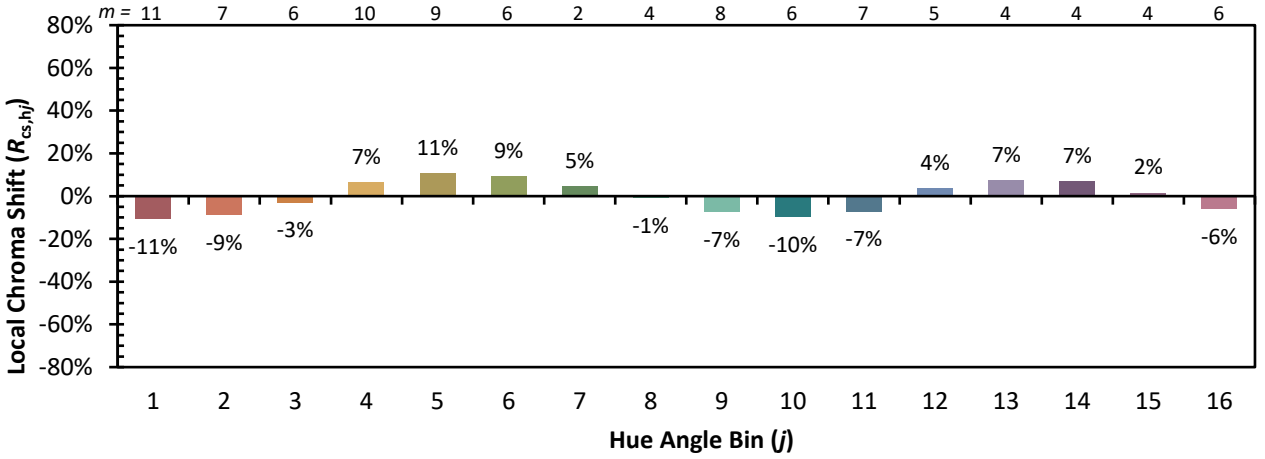
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

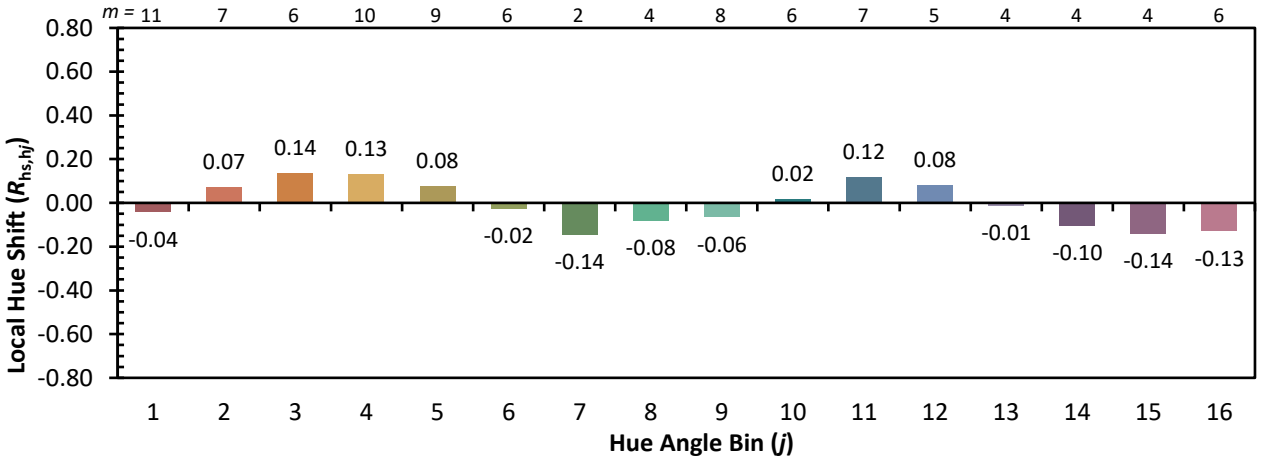


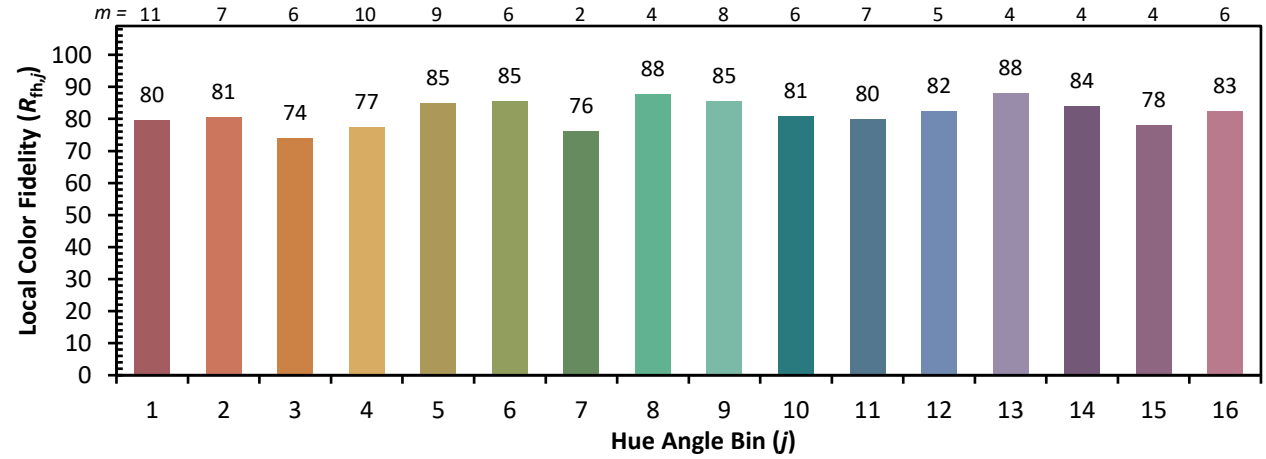
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Color Rendition by Hue-Angle Bin



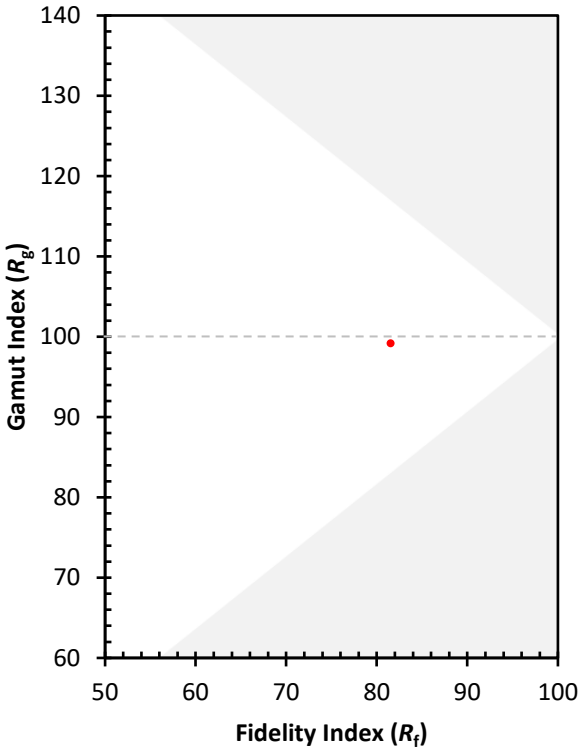


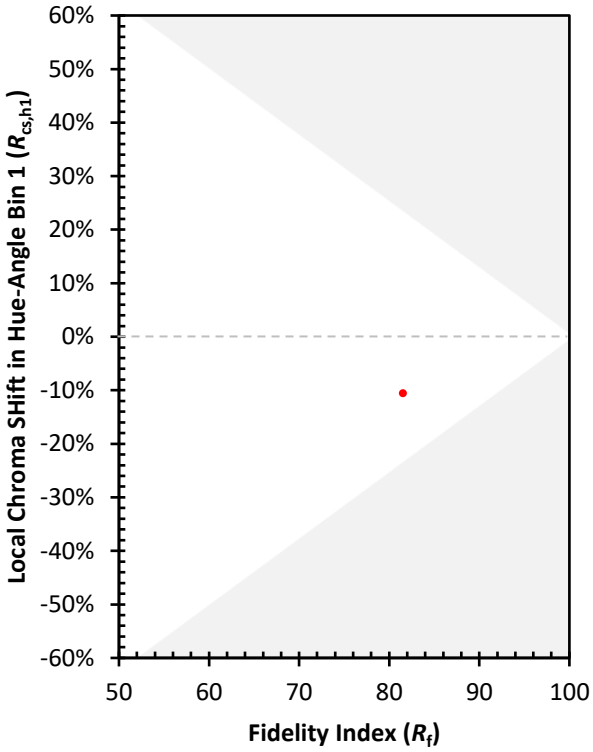


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Measure Comparisons





(END OF REPORT)