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: P1203866

Luminaire Tested: GWC-SB2D-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:	P1203866
	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-SB2D-830-U-T2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 900mA 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:	13350 lumens
Efficiency:	N/A
Efficacy:	90.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

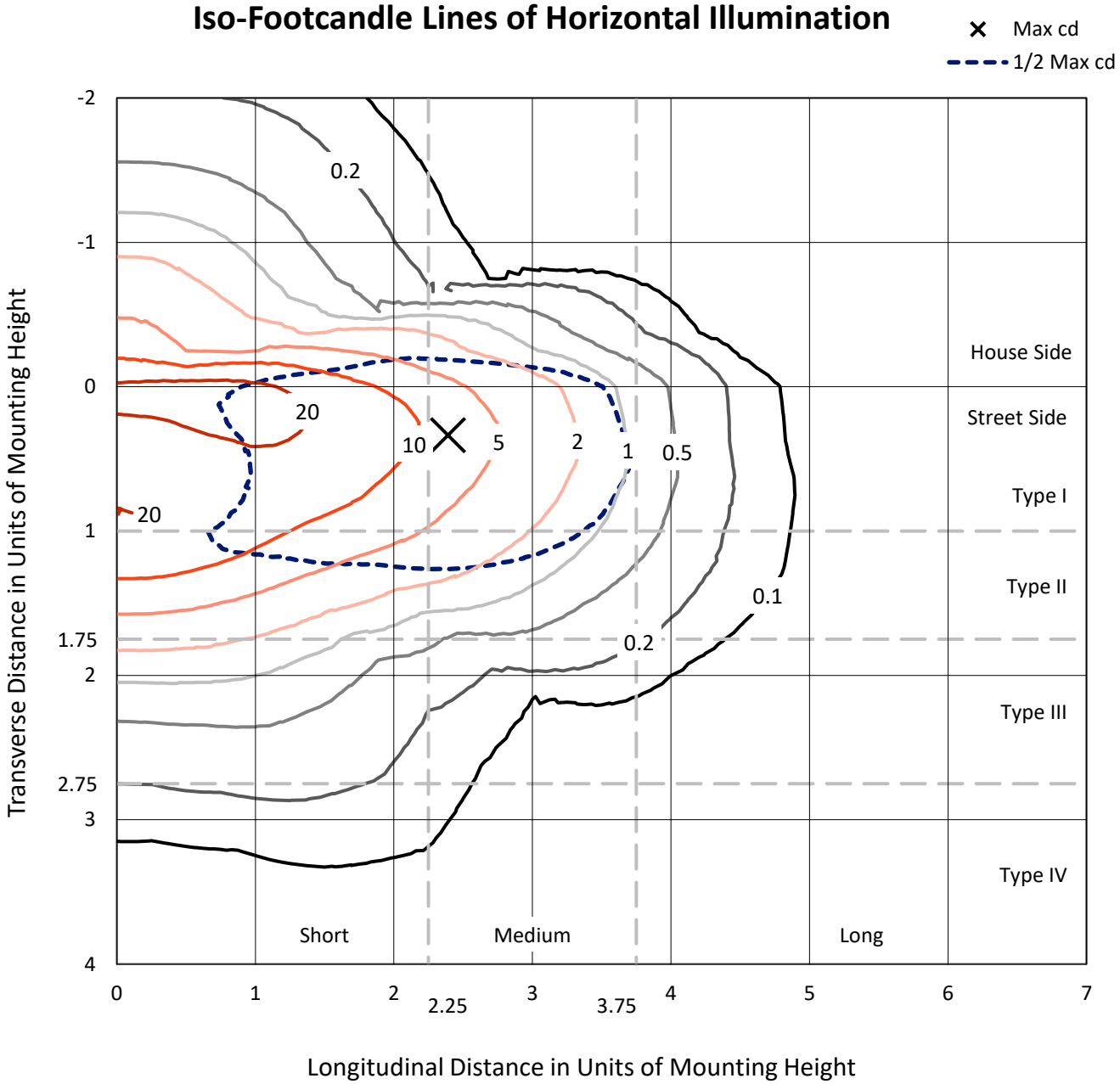


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Scaled Data Report

REPORT NUMBER: P1203866
CATALOG NUMBER: GWC-SB2D-830-U-T2-HSS

Iso-Footcandle Lines of Horizontal Illumination



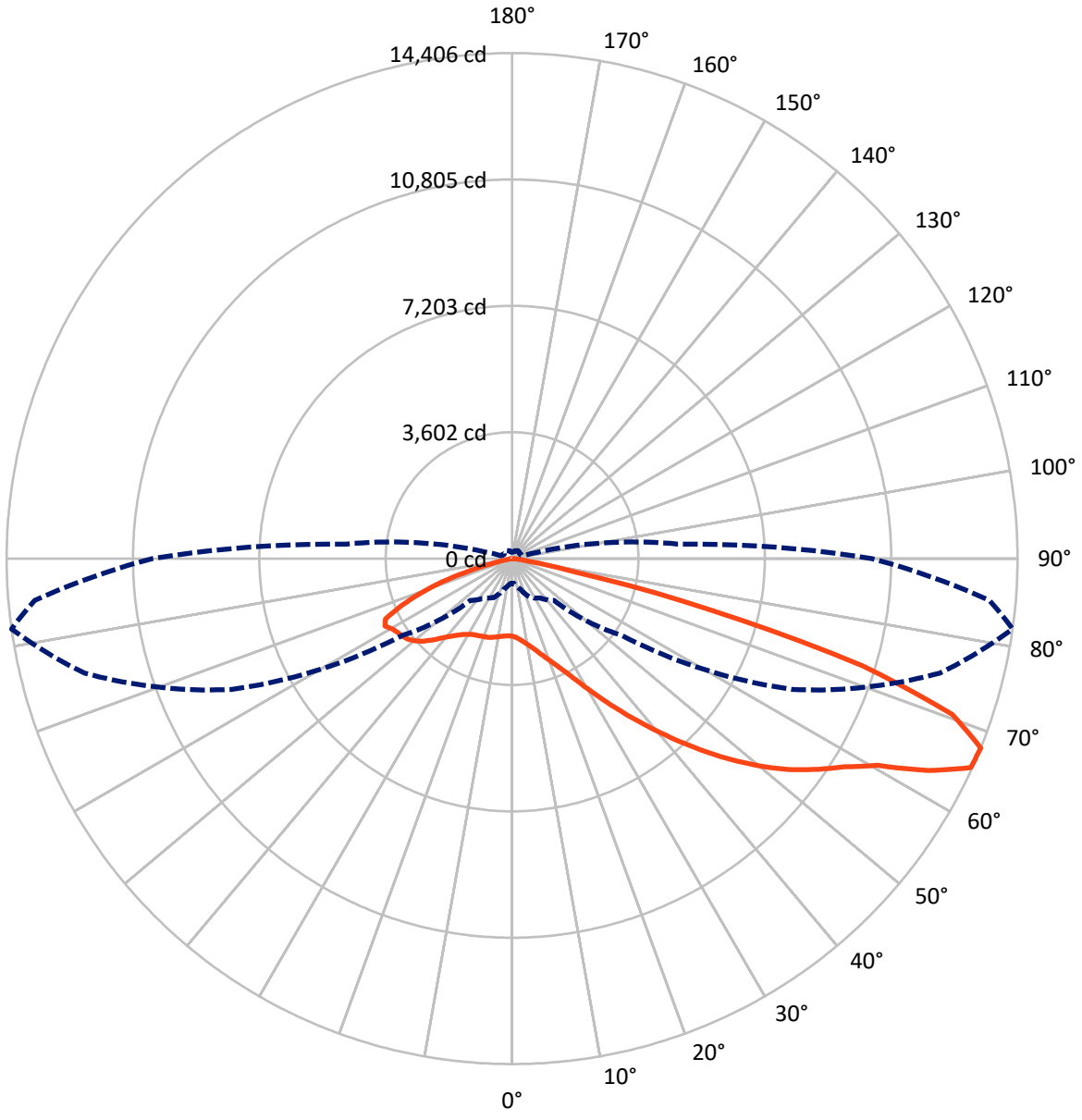
Based on 10 foot mounting height. Maximum calculated value = 30.9 fc
Type II - Medium - N/A

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REPORT NUMBER: P1203866
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Luminous Intensity Polar Plot



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Scaled Data Report

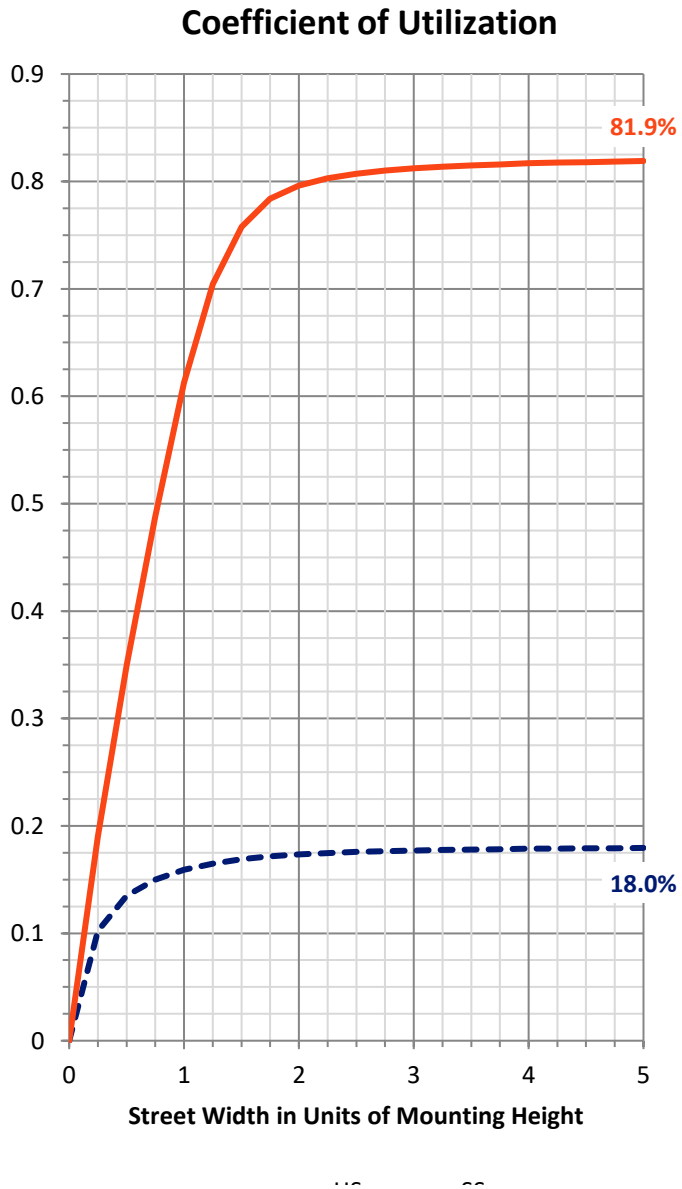
REPORT NUMBER: P1203866
CATALOG NUMBER: GWC-SB2D-830-U-T2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2418.2	0.0	2418.2
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	10931.8	0.0	10931.8
	% Fixture	81.9	0.0	81.9
Total	Lumens	13350.0	0.0	13350.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.0	1.5
10°-20°	512.0	3.8
20°-30°	820.1	6.1
30°-40°	1450.2	10.9
40°-50°	2540.9	19.0
50°-60°	3388.8	25.4
60°-70°	3154.8	23.6
70°-80°	1210.8	9.1
80°-90°	75.2	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°	13350.0	100.0
0°-180°	13350.0	100.0



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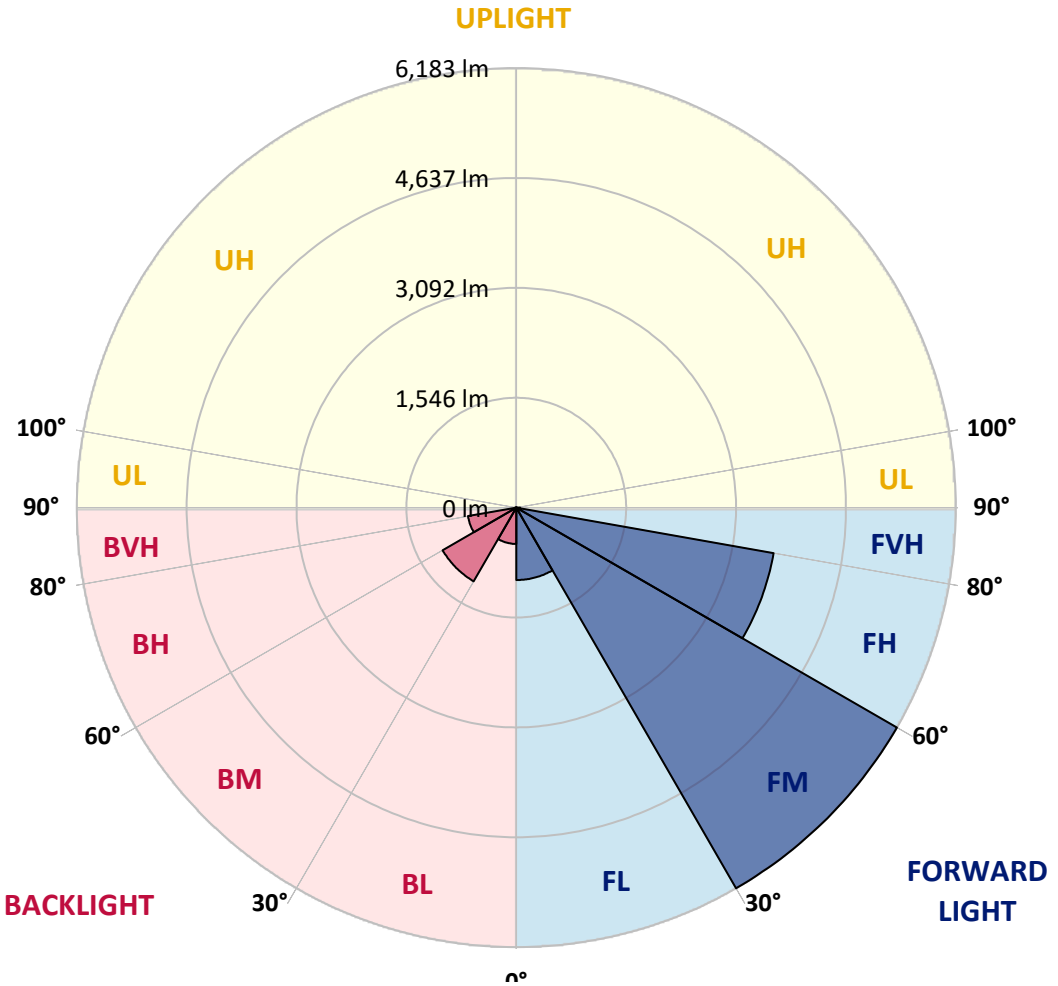
Scaled Data Report

REPORT NUMBER: P1203866
CATALOG NUMBER: GWC-SB2D-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°)	1018.5	7.6			
FM	(30°-60°)	6183.2	46.3			
FH	(60°-80°)	3675.5	27.5			G2/5000
FVH	(80°-90°)	54.7	0.4			G1/100
BL	(0°-30°)	510.7	3.8	B2/1000		
BM	(30°-60°)	1196.8	9.0	B2/2500		
BH	(60°-80°)	690.2	5.2	B2/1000		G2/1000
BVH	(80°-90°)	20.5	0.2			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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REPORT NUMBER: P1203866
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6	*2211.6*	2211.6
2.5°	2337.6	2351.0	2343.3	2339.5	2332.8	2323.1	2315.4	2291.4	2266.4	*2250.1*	2244.3
5°	2384.7	2398.1	2397.1	2401.0	2405.8	2408.7	2406.8	2379.8	2344.3	*2316.4*	2300.1
7.5°	2344.3	2359.7	2372.2	2391.4	2425.0	2460.6	2477.9	2472.1	2435.6	*2397.1*	2377.0
10°	2229.9	2246.2	2276.0	2321.2	2392.3	2469.2	2533.6	2563.4	2540.4	*2498.1*	2470.2
12.5°	2020.4	2036.7	2095.3	2193.4	2312.6	2446.2	2569.2	2649.0	2654.7	*2612.4*	2579.8
15°	1784.9	1801.2	1863.7	1986.7	2168.4	2382.7	2588.4	2739.3	2790.3	*2753.7*	2714.3
17.5°	1638.8	1653.2	1700.3	1799.3	1988.7	2255.9	2581.7	2835.4	2951.7	*2922.9*	2875.8
20°	1594.6	1607.1	1629.2	1698.4	1856.0	2124.2	2537.5	2925.8	3125.7	*3109.4*	3056.5
22.5°	1641.7	1653.2	1659.9	1690.7	1789.7	2037.7	2481.7	3018.1	3327.6	*3329.5*	3265.1
25°	1750.3	1761.8	1754.1	1773.4	1816.6	2010.8	2460.6	3126.7	3581.3	*3602.5*	3529.4
27.5°	1929.1	1930.0	1911.8	1910.8	1917.5	2051.1	2482.7	3243.0	3901.4	*3940.8*	3850.4
30°	2287.6	2273.2	2203.0	2127.1	2092.5	2172.2	2544.2	3380.4	4279.1	*4349.3*	4235.9
32.5°	2840.2	2819.1	2690.3	2508.6	2326.0	2367.4	2654.7	3537.1	4690.5	*4817.4*	4679.0
35°	3440.0	3434.2	3299.7	3029.6	2710.5	2645.1	2834.5	3742.8	5139.4	*5341.2*	5176.8
37.5°	3997.5	3994.6	3917.7	3599.6	3211.3	3032.5	3122.8	4011.9	5619.9	*5912.1*	5718.0
40°	4506.9	4515.6	4438.7	4154.2	3763.0	3529.4	3515.0	4344.5	6154.3	*6534.0*	6303.3
42.5°	4947.1	4956.7	4878.9	4668.4	4307.9	4079.2	3996.5	4752.0	6676.3	*7202.0*	6929.0
45°	5246.0	5305.6	5294.1	5125.9	4867.3	4629.9	4575.2	5263.3	7271.2	*7910.4*	7590.3
47.5°	5330.6	5385.4	5471.9	5495.0	5337.4	5103.8	5169.2	5879.5	7872.9	*8619.7*	8255.5
50°	5122.1	5173.0	5352.7	5592.1	5701.6	5629.5	5746.8	6539.8	8489.0	*9327.2*	8908.1
52.5°	4710.7	4762.6	4989.4	5368.1	5815.1	6041.9	6326.4	7190.5	9085.9	*9997.1*	9526.1
55°	4115.7	4170.5	4461.7	4890.4	5598.8	6212.0	6809.9	7840.2	9632.8	*10599.7*	10083.6
57.5°	3306.4	3346.8	3649.5	4249.3	5054.8	6042.9	7166.5	8549.6	10148.0	*11191.8*	10636.3
60°	2154.9	2190.5	2542.3	3211.3	4153.2	5477.7	7237.6	9340.6	10832.3	*11961.7*	11381.2
62.5°	1433.1	1457.1	1665.7	2156.9	2924.8	4392.5	6821.4	9972.1	11835.8	*13301.6*	12658.6
65°	983.3	1007.3	1215.9	1558.1	1889.7	2905.6	5624.7	9888.5	12745.1	*14365.6*	13605.3
67.5°	*701.7*	*721.8*	*898.7*	*1221.6*	*1367.7*	*1687.8*	*3812.9*	*8819.7*	*12614.3*	*14406.0*	*13656.2*
70°	502.7	514.2	660.3	951.6	1087.1	1014.0	2120.3	6745.5	11044.8	*13302.5*	12616.3
72.5°	351.8	355.6	458.5	724.7	875.6	740.1	1009.2	4497.3	8353.5	*10441.1*	9780.8
75°	238.4	243.2	308.5	531.5	702.6	565.2	534.4	2411.6	4903.9	*5779.5*	5180.7
77.5°	146.1	148.0	199.0	363.3	525.8	430.6	344.1	1021.7	1897.3	*1862.7*	1587.8
80°	82.7	82.7	126.9	225.9	358.5	277.8	241.3	434.4	600.7	*527.7*	465.2
82.5°	46.1	47.1	92.3	140.3	237.4	164.4	132.6	200.9	259.5	*229.7*	199.9
85°	19.2	21.1	56.7	66.3	113.4	81.7	53.8	84.6	96.1	*85.5*	62.5
87.5°	1.9	2.9	17.3	12.5	13.5	16.3	7.7	16.3	13.5	*13.5*	9.6
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: P1203866
CATALOG NUMBER: GWC-SB2D-830-U-T2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6	2211.6
2.5°	2226.1	2211.6	2175.1	2132.8	2077.1	2050.2	2013.6	1988.7	1967.5	1969.4	1950.2
5°	2269.3	2232.8	2151.1	2049.2	1922.3	1832.0	1735.9	1669.5	1615.7	1604.2	1578.2
7.5°	2328.9	2271.2	2128.0	1944.4	1730.1	1567.7	1422.5	1329.3	1263.0	1241.8	1220.7
10°	2405.8	2322.2	2098.2	1812.8	1504.2	1297.6	1141.9	1068.8	1023.6	1008.3	996.7
12.5°	2495.2	2380.8	2058.8	1652.2	1271.6	1072.7	973.7	937.1	922.7	917.9	915.0
15°	2607.6	2453.9	1999.2	1461.9	1074.6	935.2	892.9	888.1	890.0	888.1	887.2
17.5°	2741.2	2533.6	1902.1	1265.9	941.9	865.0	849.7	853.5	858.3	857.4	855.4
20°	2887.3	2612.4	1778.2	1091.9	851.6	815.1	806.4	810.3	814.1	812.2	811.2
22.5°	3053.6	2697.0	1640.7	956.4	791.0	768.9	759.3	760.3	760.3	756.4	754.5
25°	3252.6	2790.3	1496.5	860.2	744.9	727.6	716.1	712.2	706.5	694.9	693.0
27.5°	3490.0	2889.3	1358.1	793.0	708.4	692.0	678.6	669.0	654.6	635.3	633.4
30°	3757.2	3009.4	1240.9	750.7	679.5	663.2	647.8	633.4	612.3	588.2	586.3
32.5°	4071.5	3138.2	1155.3	722.8	653.6	636.3	618.0	600.7	577.7	553.6	554.6
35°	4446.4	3293.9	1105.3	703.6	633.4	610.3	590.2	570.9	553.6	532.5	530.6
37.5°	4852.9	3459.2	1090.0	694.0	620.0	584.4	561.3	547.9	545.9	533.4	532.5
40°	5297.9	3655.3	1101.5	688.2	605.5	559.4	534.4	531.5	536.3	514.2	515.2
42.5°	5768.9	3887.9	1120.7	681.5	585.4	534.4	510.4	510.4	506.5	475.8	475.8
45°	6278.3	4156.1	1139.9	665.1	561.3	509.4	491.2	484.4	468.1	438.3	437.3
47.5°	6791.6	4429.1	1154.4	635.3	532.5	488.3	471.9	456.6	432.5	405.6	404.7
50°	7278.9	4674.2	1139.0	591.1	499.8	468.1	450.8	429.6	403.7	385.4	382.5
52.5°	7714.3	4886.6	1073.6	539.2	465.2	446.9	431.6	409.5	388.3	369.1	367.2
55°	8093.0	5058.6	958.3	490.2	434.4	428.7	413.3	385.4	356.6	340.3	338.3
57.5°	8456.3	5189.3	814.1	449.8	406.6	408.5	385.4	360.4	333.5	316.2	314.3
60°	8939.8	5364.3	668.0	412.3	376.8	382.5	357.6	339.3	305.7	283.5	280.7
62.5°	9712.6	5636.3	530.6	366.2	342.2	344.1	333.5	311.4	271.0	245.1	243.2
65°	10325.8	5536.3	418.1	316.2	302.8	305.7	305.7	281.6	238.4	208.6	205.7
67.5°	*10256.6*	*4740.5*	*333.5*	*267.2*	*265.3*	*267.2*	*273.9*	*253.7*	*211.5*	*187.4*	*183.6*
70°	9448.3	3770.7	267.2	222.0	230.7	225.9	245.1	231.6	190.3	166.3	163.4
72.5°	7709.5	2716.3	203.8	183.6	176.9	184.5	221.1	208.6	158.6	131.7	128.8
75°	4505.0	1449.4	151.9	145.1	127.8	153.8	196.1	177.8	121.1	97.1	94.2
77.5°	1466.7	505.6	111.5	106.7	95.2	124.0	167.2	149.9	99.0	76.9	74.0
80°	393.1	152.8	75.9	70.2	61.5	92.3	132.6	119.2	71.1	50.0	49.0
82.5°	157.6	64.4	44.2	39.4	33.6	63.4	104.8	96.1	52.9	31.7	31.7
85°	50.9	21.1	16.3	12.5	15.4	39.4	62.5	65.4	37.5	16.3	12.5
87.5°	6.7	2.9	2.9	3.8	2.9	6.7	19.2	18.3	10.6	1.9	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

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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

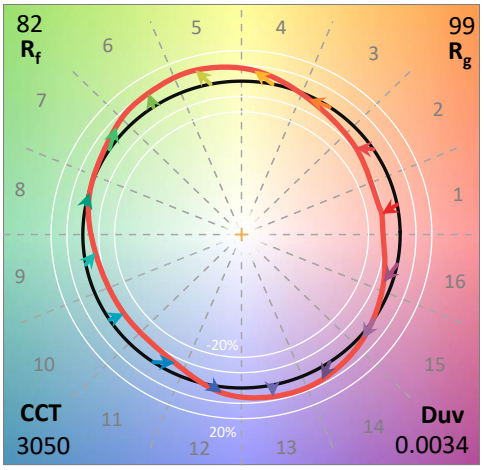
Test Information

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

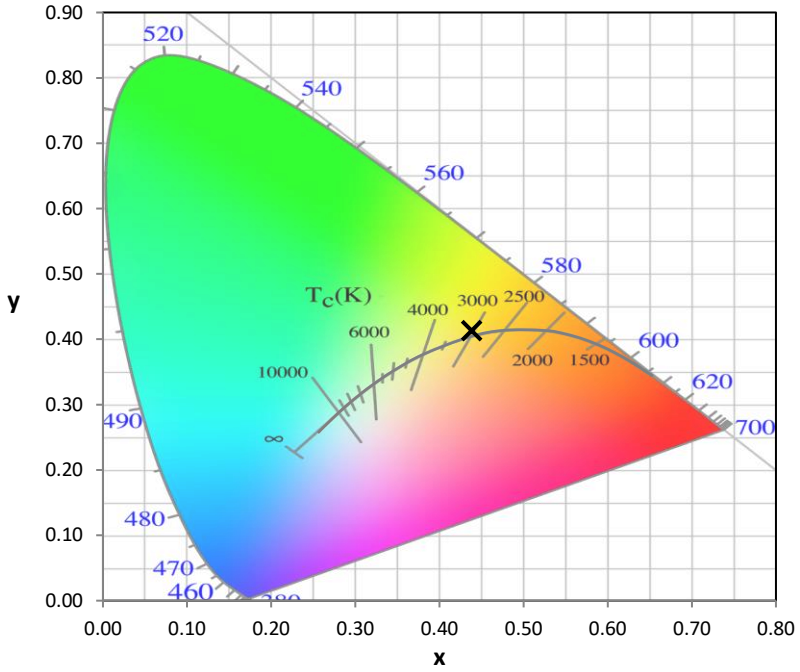
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

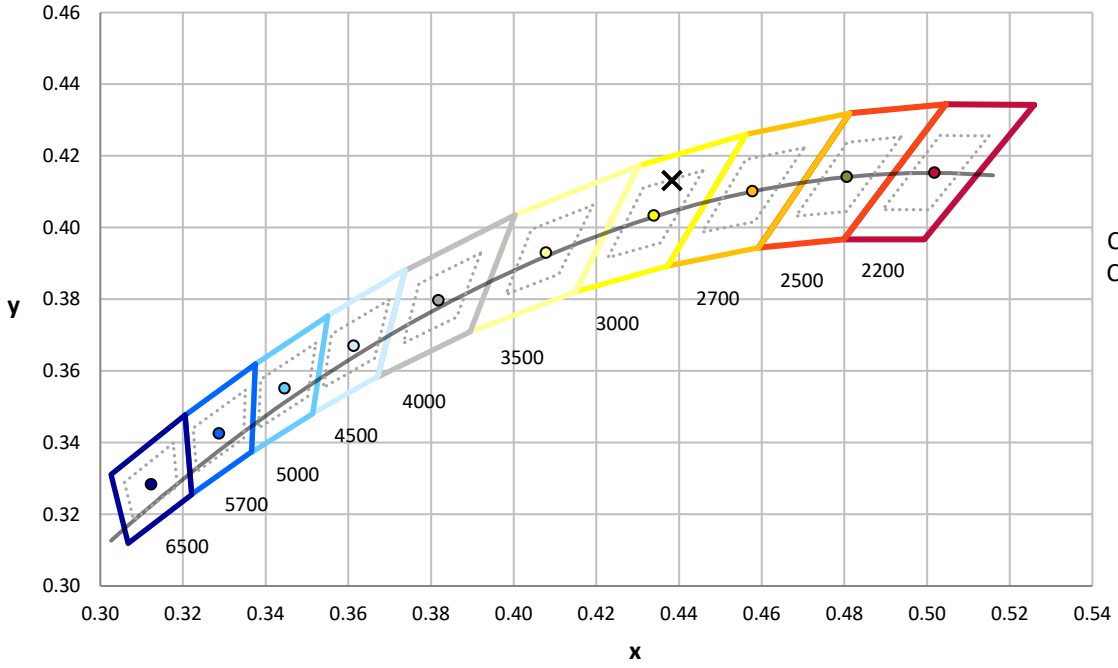
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

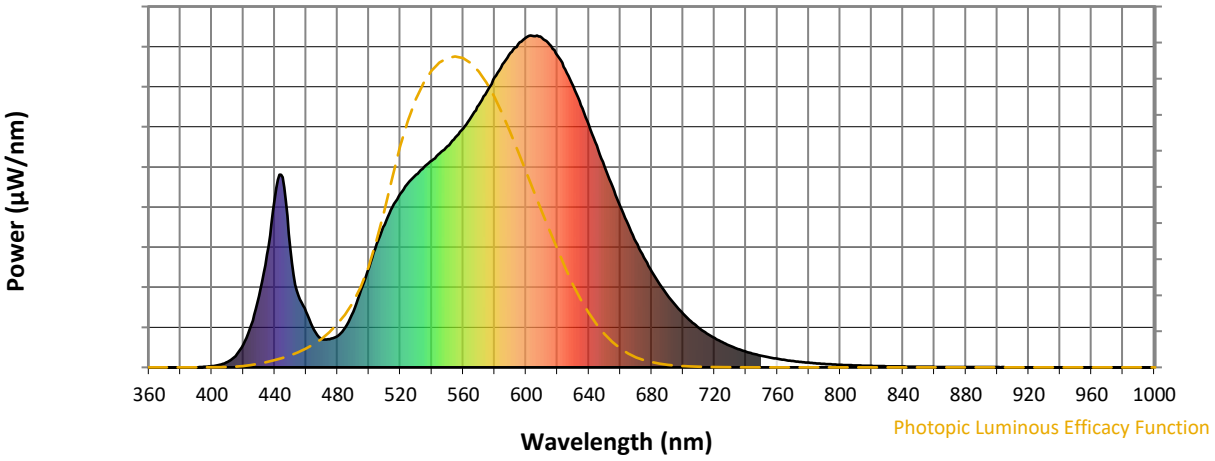


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

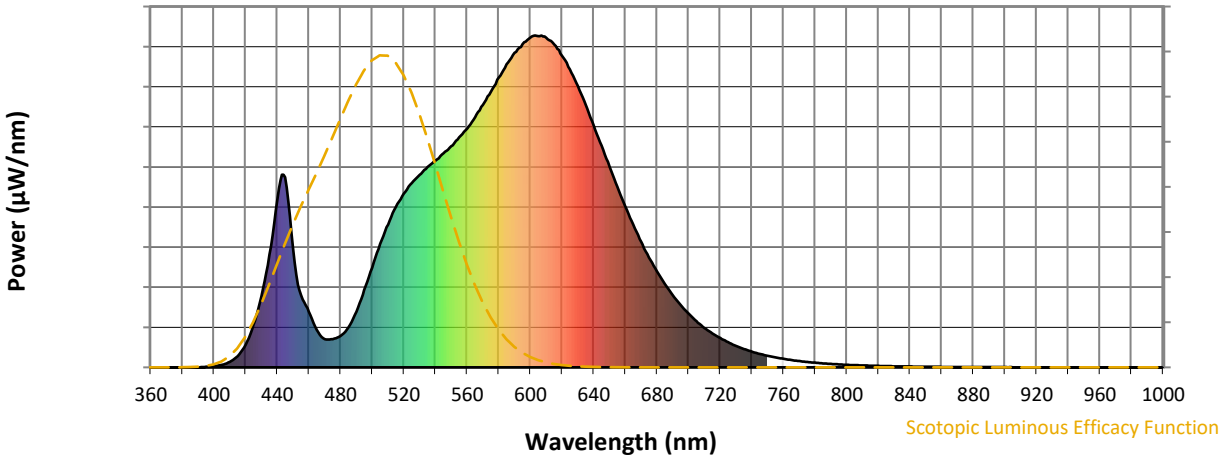


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

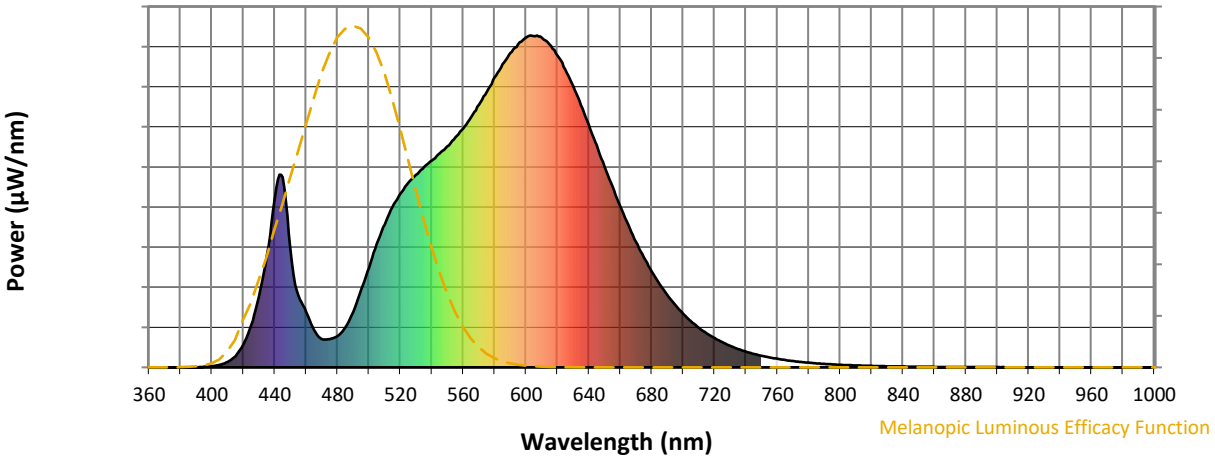


Scotopic Lumens: NR **S/P: 1.27**

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			

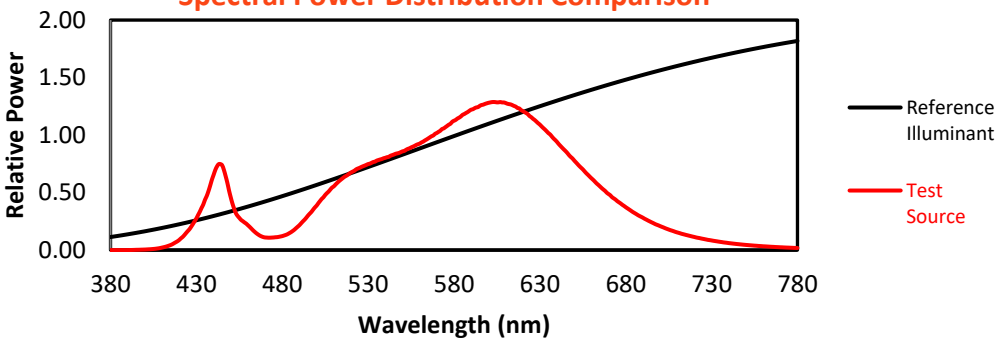
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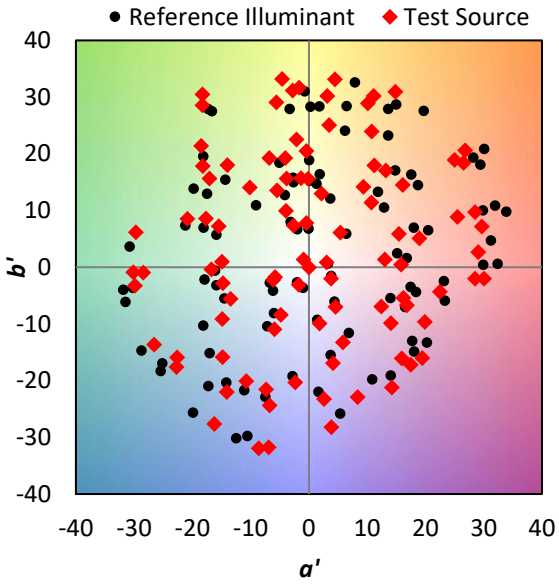
Summary

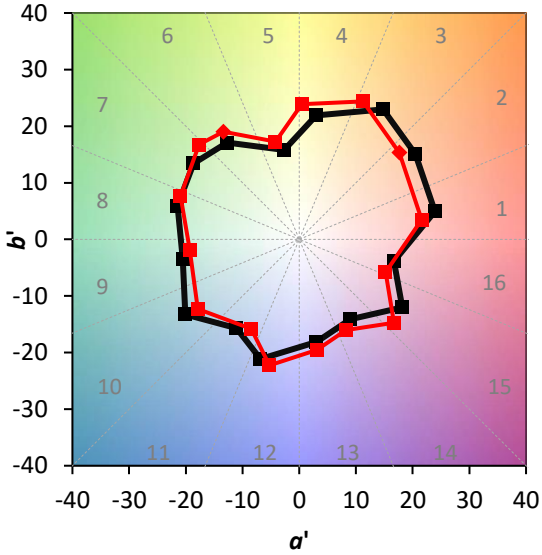
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

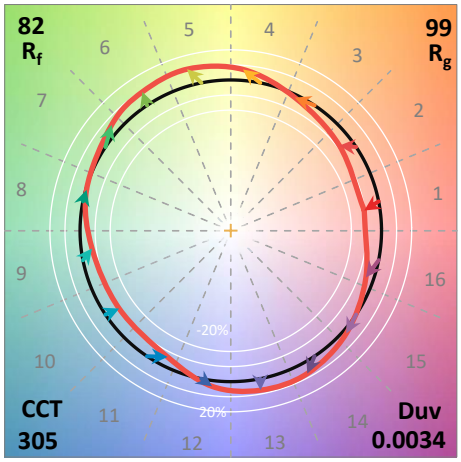
Spectral Power Distribution Comparison

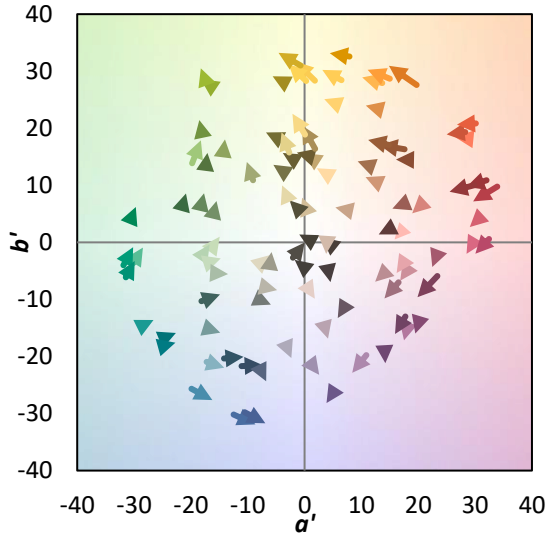


Color Vector Graphics







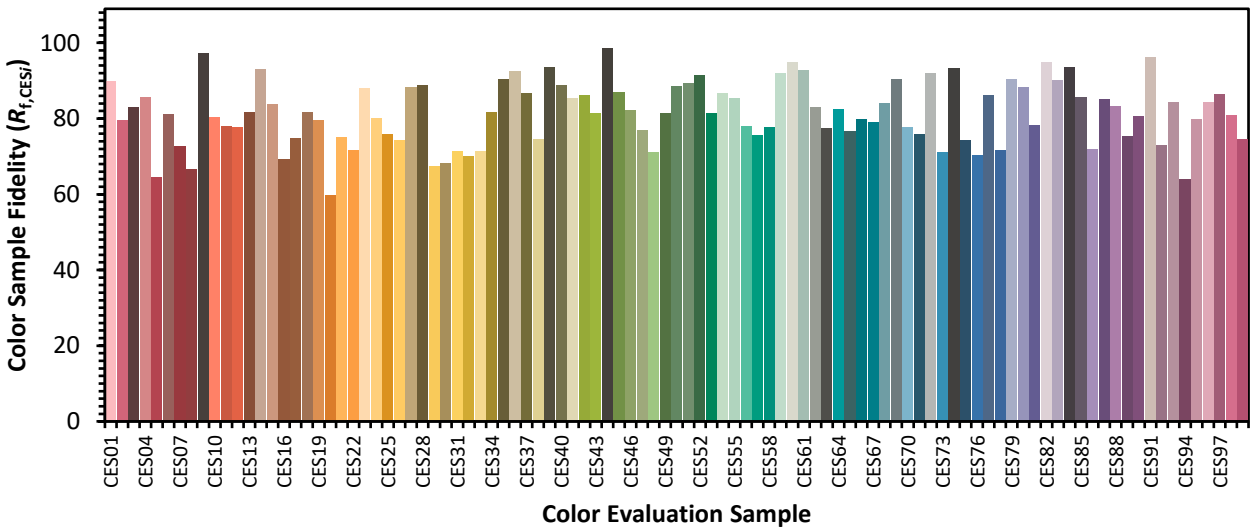


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Individual Sample Fidelity Index ($R_{f,i}$)

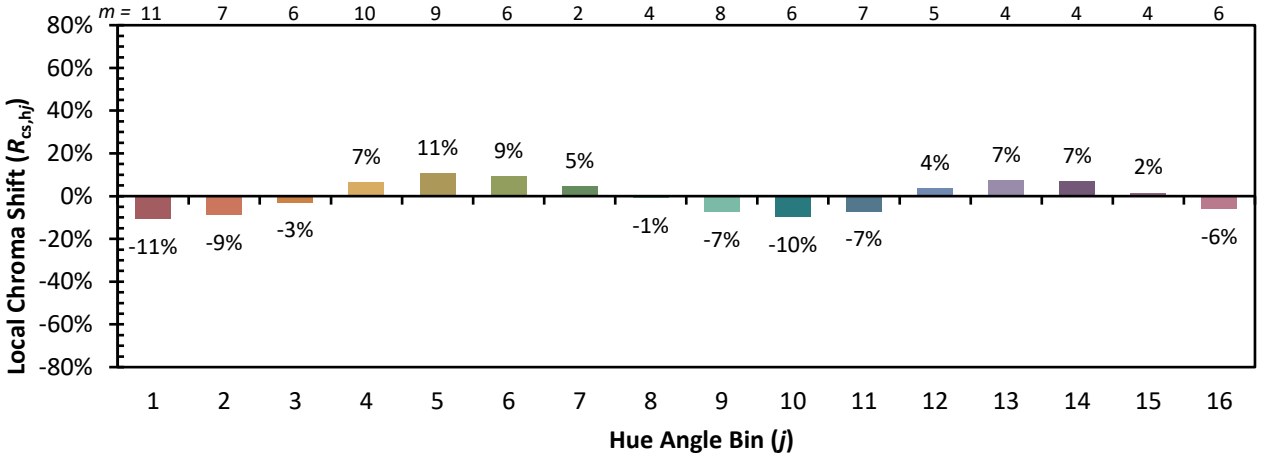
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

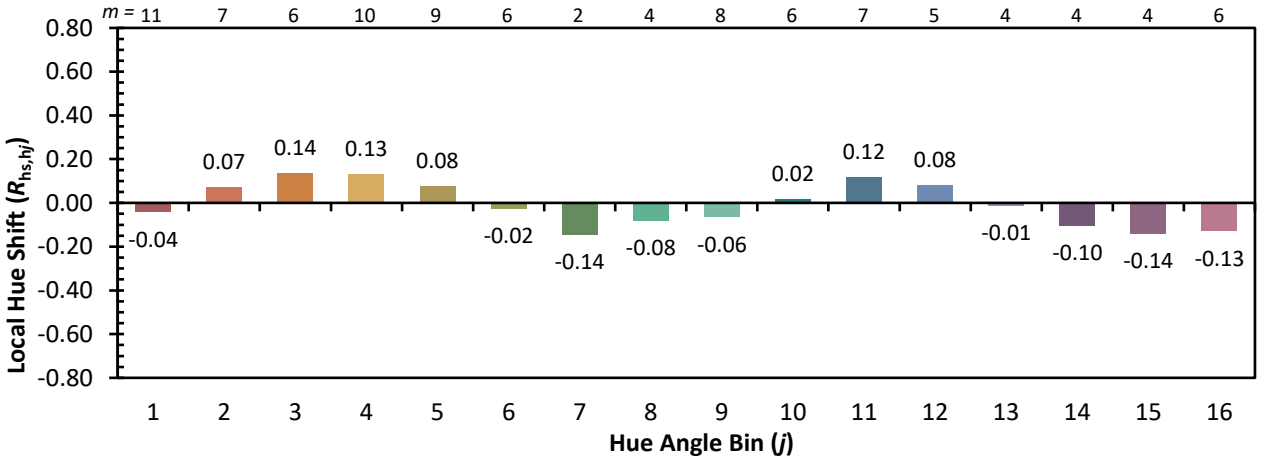


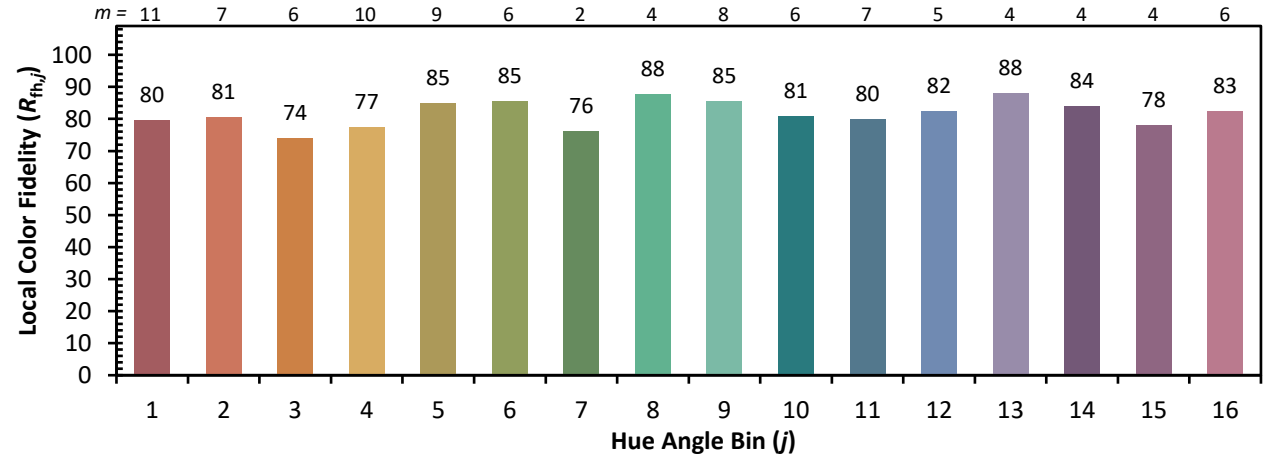
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Color Rendition by Hue-Angle Bin



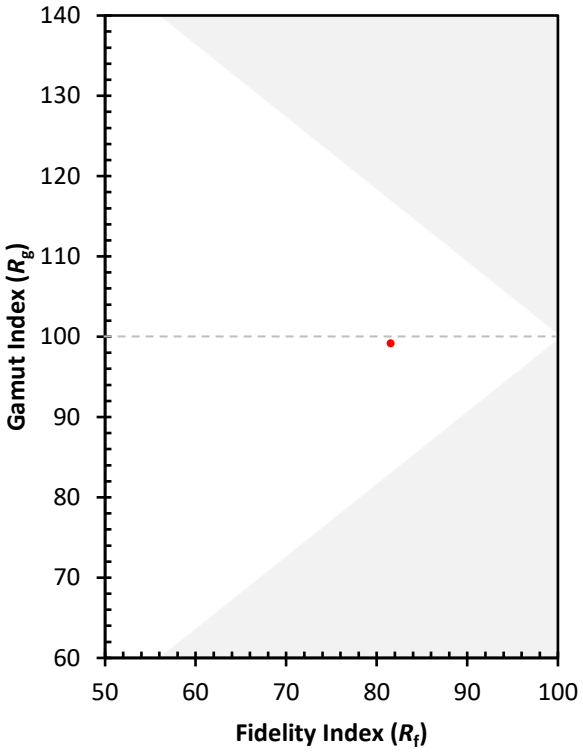


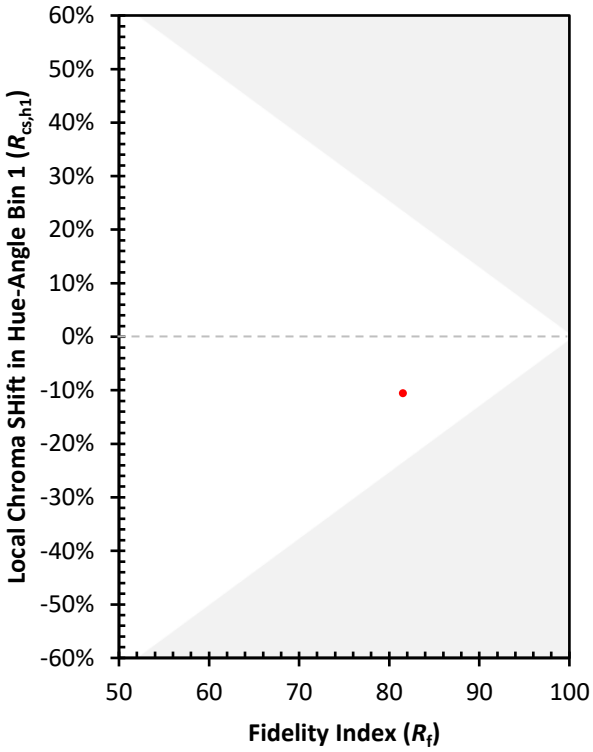


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Measure Comparisons





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