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: P1201629

Luminaire Tested: GWC-SB1B-830-U-T4W

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:	P1201629
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-830-U-T4W
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5077 lumens
Efficiency:	N/A
Efficacy:	127.6 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):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

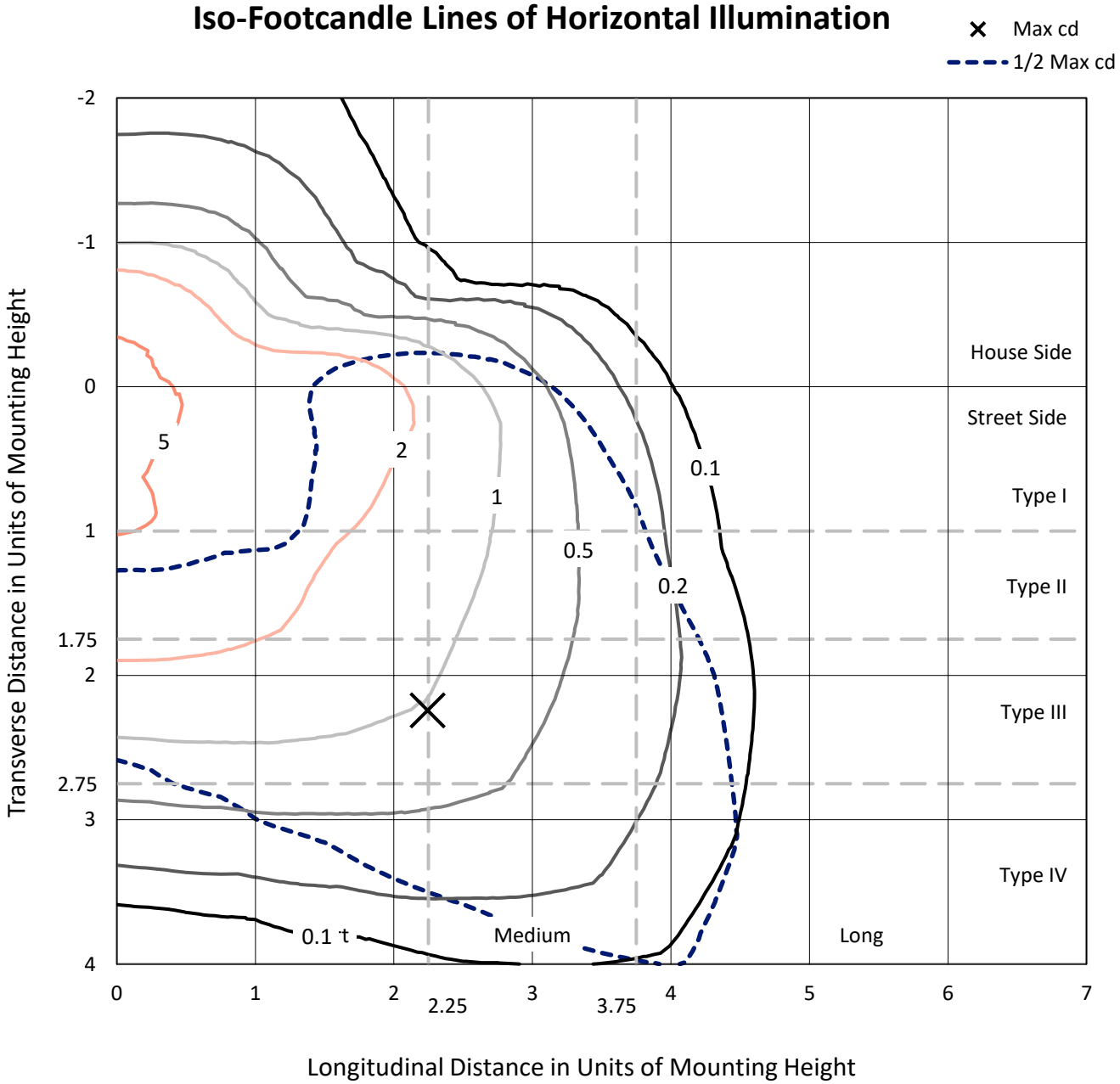


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Scaled Data Report

REPORT NUMBER: P1201629
CATALOG NUMBER: GWC-SB1B-830-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



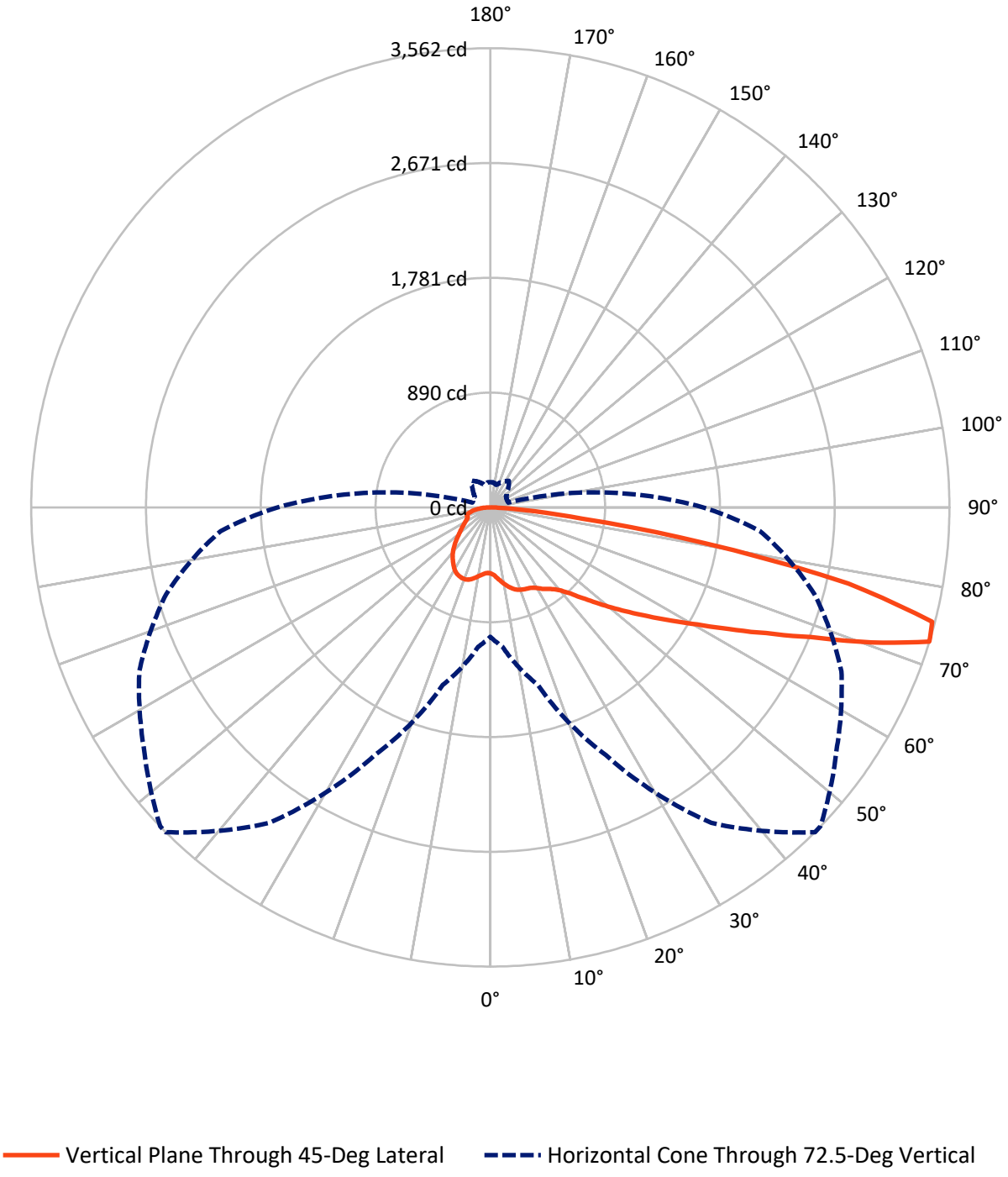
Based on 10 foot mounting height. Maximum calculated value = 5.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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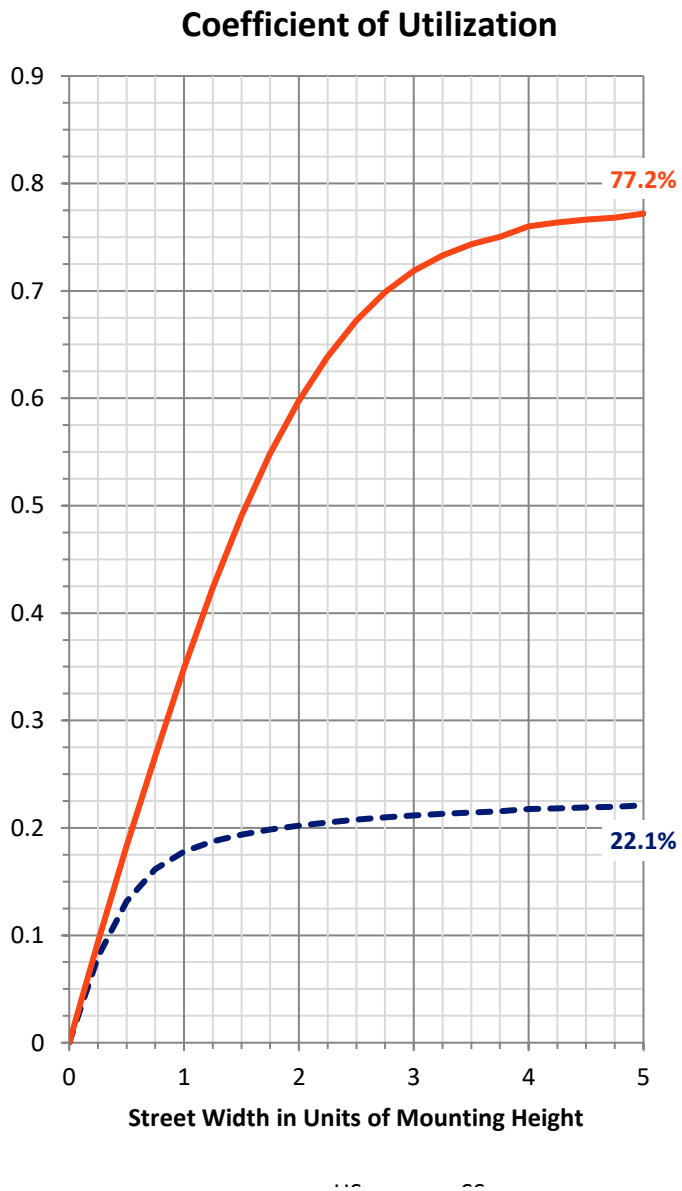
REPORT NUMBER: P1201629
CATALOG NUMBER: GWC-SB1B-830-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1147.7	0.0	1147.7
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	3929.3	0.0	3929.3
	% Fixture	77.4	0.0	77.4
Total	Lumens	5077.0	0.0	5077.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.1	1.0
10°-20°	173.8	3.4
20°-30°	302.3	6.0
30°-40°	433.4	8.5
40°-50°	610.3	12.0
50°-60°	934.8	18.4
60°-70°	1354.2	26.7
70°-80°	1081.4	21.3
80°-90°	134.7	2.7
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°	5077.0	100.0
0°-180°	5077.0	100.0



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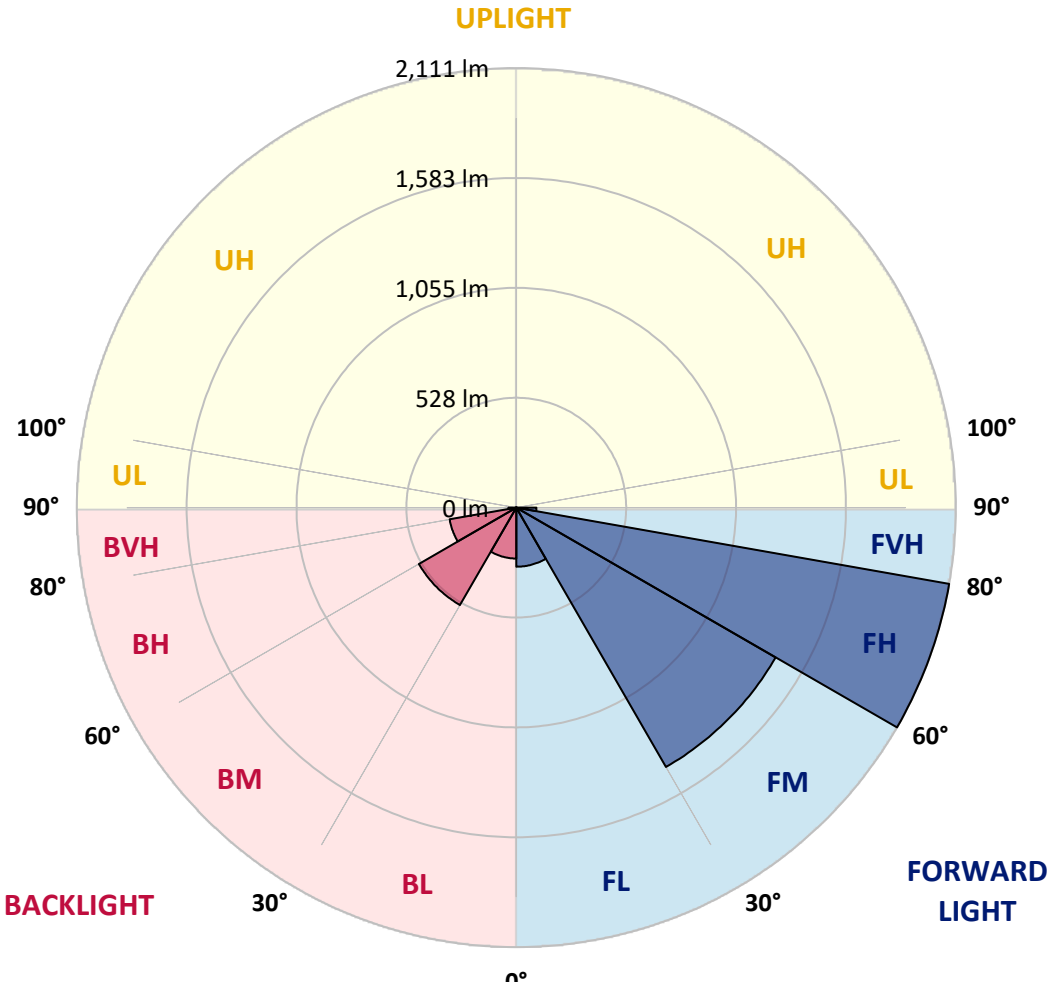
Scaled Data Report

REPORT NUMBER: P1201629
CATALOG NUMBER: GWC-SB1B-830-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	283.9	5.6			
FM	(30°-60°)	1438.1	28.3			
FH	(60°-80°)	2110.7	41.6			G2/5000
FVH	(80°-90°)	96.6	1.9			G1/100
BL	(0°-30°)	244.4	4.8	B1/500		
BM	(30°-60°)	540.4	10.6	B1/1000		
BH	(60°-80°)	324.9	6.4	B1/500		G1/500
BVH	(80°-90°)	38.1	0.7			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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	512.2	512.2	512.2	512.2	512.2	512.2	512.2	512.2	512.2	512.2	512.2
2.5°	532.2	535.7	532.5	529.6	528.2	524.7	524.5	522.3	521.0	517.3	516.2
5°	569.4	574.0	568.6	562.7	557.4	548.8	547.7	541.6	534.6	526.6	522.1
7.5°	611.4	615.4	609.3	600.4	591.1	576.9	576.6	565.4	554.4	540.8	533.0
10°	648.0	653.4	645.1	633.1	621.3	605.2	603.4	590.5	576.6	559.0	547.2
12.5°	680.4	684.1	676.1	661.4	647.8	631.7	629.3	615.1	599.6	579.6	564.6
15°	706.1	710.9	700.2	684.4	670.0	654.2	652.0	639.2	623.7	602.6	583.3
17.5°	722.9	726.9	716.0	698.3	684.4	671.3	669.7	659.0	645.4	624.0	603.4
20°	729.3	733.6	722.1	704.2	691.4	681.2	680.4	672.6	663.3	643.8	622.9
22.5°	735.8	739.8	724.8	706.1	694.8	688.4	688.2	683.1	679.3	663.3	643.0
25°	761.7	762.8	742.7	715.7	699.7	694.0	693.8	693.5	695.1	682.5	664.6
27.5°	784.2	783.9	766.8	741.4	716.5	704.7	704.5	707.1	712.2	701.8	687.1
30°	817.1	814.1	793.8	767.3	744.6	726.4	724.8	722.4	726.4	718.1	709.6
32.5°	886.9	877.5	844.6	797.5	767.9	753.9	751.8	736.8	738.4	733.4	729.1
35°	986.9	974.6	930.7	854.8	796.7	776.9	775.9	756.9	753.7	749.1	750.7
37.5°	1105.9	1090.7	1039.6	937.7	846.5	803.7	802.1	785.0	771.9	767.1	776.1
40°	1225.5	1206.2	1164.0	1038.8	919.8	848.4	843.3	817.3	802.4	794.3	813.6
42.5°	1341.5	1325.5	1289.4	1152.2	1010.2	913.6	902.4	858.0	846.8	839.3	874.0
45°	1444.2	1429.8	1403.3	1273.3	1116.1	1002.4	991.4	919.0	915.5	915.5	965.8
47.5°	1527.7	1524.5	1496.4	1396.9	1241.0	1103.5	1084.5	1003.7	1013.1	1027.6	1096.0
50°	1620.2	1611.4	1581.4	1518.6	1387.8	1219.3	1203.8	1107.8	1142.8	1182.4	1284.3
52.5°	1705.3	1710.1	1676.7	1645.4	1553.6	1348.5	1321.2	1230.5	1306.2	1371.8	1505.0
55°	1792.7	1793.0	1783.6	1779.4	1727.5	1491.3	1461.4	1378.2	1498.5	1579.8	1762.2
57.5°	1874.8	1875.4	1889.3	1927.0	1929.1	1656.1	1622.1	1559.5	1712.2	1795.1	2027.6
60°	1948.1	1951.9	1989.8	2078.1	2106.5	1844.9	1812.8	1773.7	1933.1	2016.6	2306.5
62.5°	1972.7	1986.4	2070.9	2196.3	2281.6	2076.5	2044.9	2021.7	2165.3	2242.9	2539.7
65°	1931.0	1962.3	2125.7	2293.9	2461.9	2351.7	2320.4	2295.0	2406.5	2479.5	2731.2
67.5°	1828.6	1869.0	2122.5	2396.4	2680.7	2682.8	2653.7	2594.0	2665.2	2693.2	2793.5
70°	1558.7	1619.2	1935.5	2434.6	2931.8	3135.6	3107.5	2954.0	2923.2	2787.4	2618.1
72.5°	1004.3	1085.6	1425.3	2119.8	2987.7	3561.7	3560.1	3279.0	3004.8	2604.4	2099.8
75°	366.4	416.2	662.2	1330.6	2507.9	3540.0	3550.4	3223.3	2743.0	2011.8	1308.1
77.5°	133.5	146.0	216.1	511.4	1542.4	2840.3	2862.0	2576.9	1952.4	1009.6	518.3
80°	70.1	77.0	110.7	198.4	660.9	1686.8	1720.8	1531.4	917.6	304.1	155.4
82.5°	38.8	42.0	62.0	107.8	297.7	721.3	741.6	605.0	322.8	128.9	64.2
85°	20.9	22.2	29.2	58.8	145.5	250.1	255.7	180.8	128.6	75.7	31.0
87.5°	6.2	7.5	9.6	18.7	57.0	56.2	57.5	35.8	50.8	38.2	10.2
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: P1201629
CATALOG NUMBER: GWC-SB1B-830-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	512.2	512.2	512.2	512.2	512.2	512.2	512.2	512.2	512.2	512.2	512.2
2.5°	514.6	513.8	510.8	509.5	507.9	507.6	509.0	509.2	509.5	509.8	510.8
5°	519.4	516.7	514.0	512.4	513.0	513.2	515.9	517.8	519.1	520.2	520.7
7.5°	528.8	526.6	522.1	521.8	522.6	525.0	528.5	532.8	535.2	537.0	537.6
10°	542.7	538.6	533.3	534.1	535.7	539.2	546.4	549.9	553.9	557.4	556.6
12.5°	556.8	553.4	547.2	547.7	550.4	556.6	563.5	567.8	570.5	573.1	574.2
15°	575.3	569.1	562.5	562.5	567.3	574.0	577.2	580.6	582.2	585.2	586.3
17.5°	594.3	586.3	577.4	576.9	582.8	586.0	587.9	588.4	588.9	592.1	593.2
20°	613.3	604.4	591.9	590.8	592.1	591.6	591.3	590.8	591.6	595.6	597.2
22.5°	632.0	621.8	604.4	599.6	595.9	590.8	590.5	590.3	590.8	594.8	597.5
25°	653.9	641.6	618.3	603.9	591.3	584.4	585.2	585.5	586.0	589.2	593.5
27.5°	677.7	664.1	631.2	602.6	579.8	575.0	573.7	574.5	576.4	581.4	586.5
30°	701.5	685.5	643.0	597.2	565.4	558.7	554.4	556.3	562.2	567.3	572.9
32.5°	723.2	707.1	652.3	585.5	546.9	536.5	530.9	533.3	539.2	541.1	547.7
35°	748.6	730.4	656.3	566.7	526.9	510.8	503.3	499.9	502.8	500.9	506.8
37.5°	776.9	758.0	655.8	542.1	503.3	484.9	474.5	461.4	455.2	448.8	452.8
40°	818.9	791.7	649.4	512.4	474.2	457.3	438.6	416.4	402.5	389.9	390.7
42.5°	876.2	838.5	637.6	479.8	441.3	425.5	400.1	374.2	352.2	331.4	329.5
45°	961.5	899.7	622.9	445.0	405.7	390.2	362.7	333.5	308.6	281.9	278.7
47.5°	1084.5	982.1	609.0	405.5	368.3	354.1	329.2	302.2	272.8	246.9	243.9
50°	1253.5	1100.3	596.2	366.9	331.4	320.7	300.9	273.3	243.6	222.8	221.5
52.5°	1468.6	1261.0	590.8	329.8	296.9	292.9	277.1	251.4	223.3	205.7	204.3
55°	1715.4	1453.3	590.8	294.2	266.6	268.0	257.0	233.2	208.9	193.1	191.5
57.5°	1967.4	1648.0	580.1	261.3	241.0	246.6	239.6	218.8	196.8	180.5	177.9
60°	2199.5	1811.2	536.8	231.3	218.2	227.1	222.5	204.6	177.9	164.2	162.1
62.5°	2377.9	1903.2	453.3	207.5	199.5	209.7	207.3	185.9	174.4	168.8	166.9
65°	2467.2	1888.2	346.6	186.4	183.7	199.5	194.4	193.6	184.5	178.1	176.0
67.5°	2412.4	1759.3	251.4	170.9	174.6	190.2	209.7	212.9	196.0	183.5	181.3
70°	2172.0	1526.1	187.2	156.2	163.1	190.4	239.1	222.8	192.3	177.6	175.2
72.5°	*1652.3*	*1138.0*	*145.2*	*140.7*	*148.2*	*191.8*	*252.2*	*218.2*	*181.6*	*196.3*	*194.7*
75°	944.9	624.8	116.6	121.7	129.4	179.2	245.5	206.5	173.3	180.3	180.3
77.5°	360.3	240.2	96.3	103.0	104.0	156.5	234.8	205.7	165.0	161.0	146.8
80°	124.9	93.9	79.7	81.8	80.5	139.1	225.2	178.9	135.1	120.9	116.9
82.5°	51.1	46.8	63.1	60.4	57.2	108.1	181.9	146.3	110.5	97.6	96.6
85°	22.2	29.7	41.7	36.6	33.2	74.9	145.8	123.8	93.3	80.5	80.2
87.5°	4.5	11.2	17.7	16.6	17.1	50.0	103.5	88.0	66.1	49.5	38.8
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

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

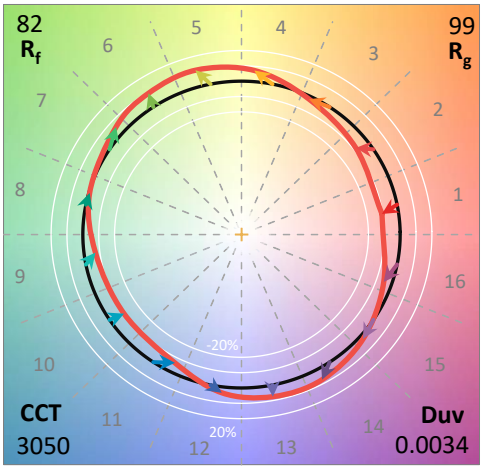
Test Information

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

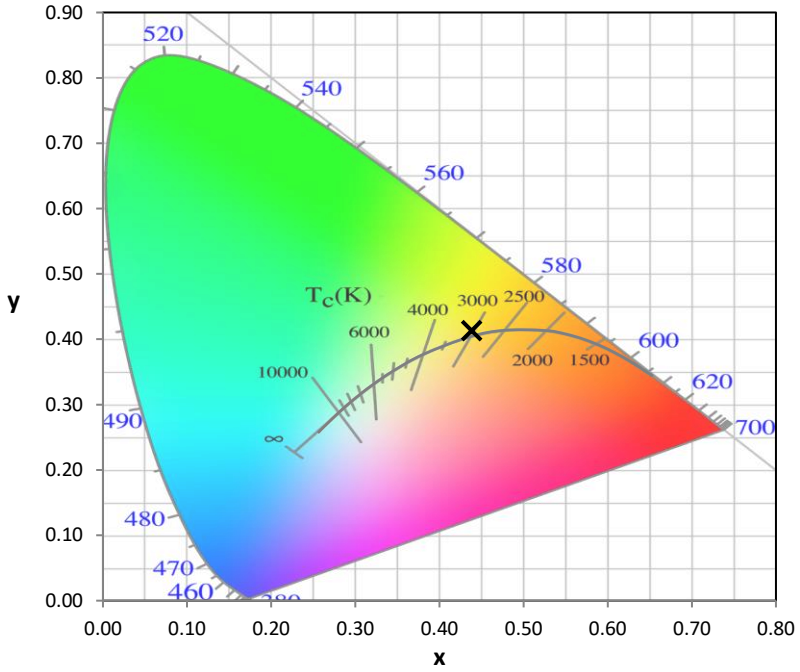
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

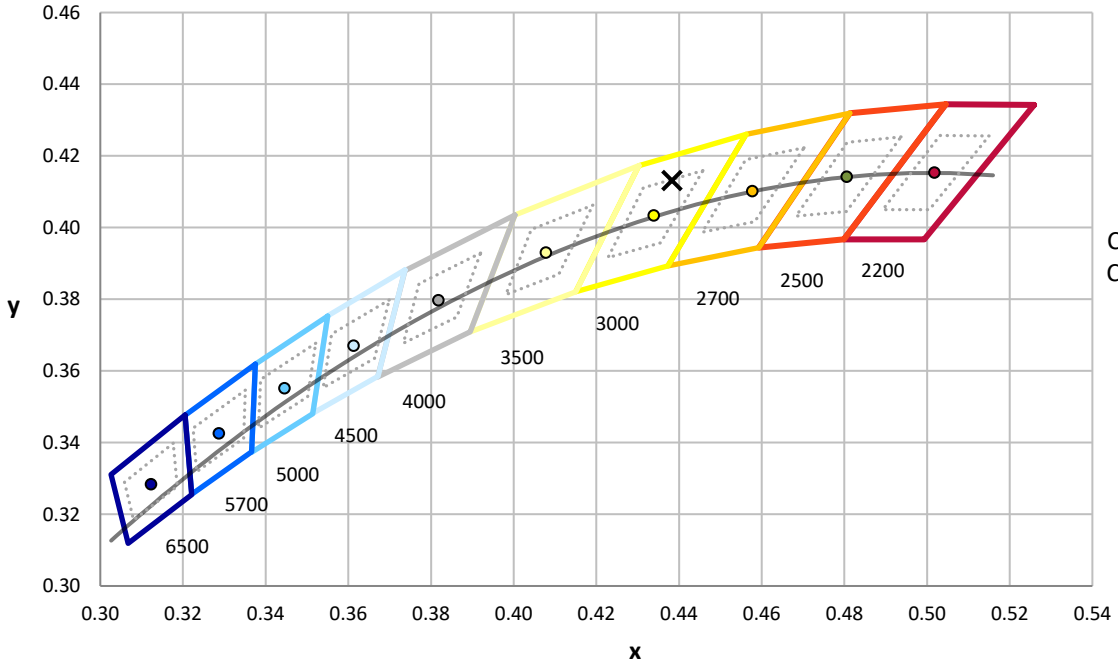
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

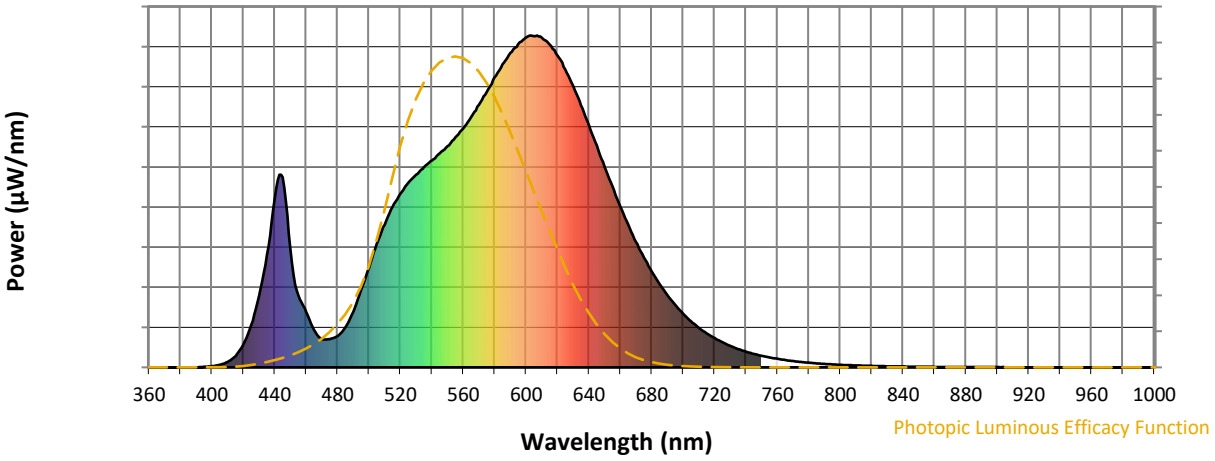


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

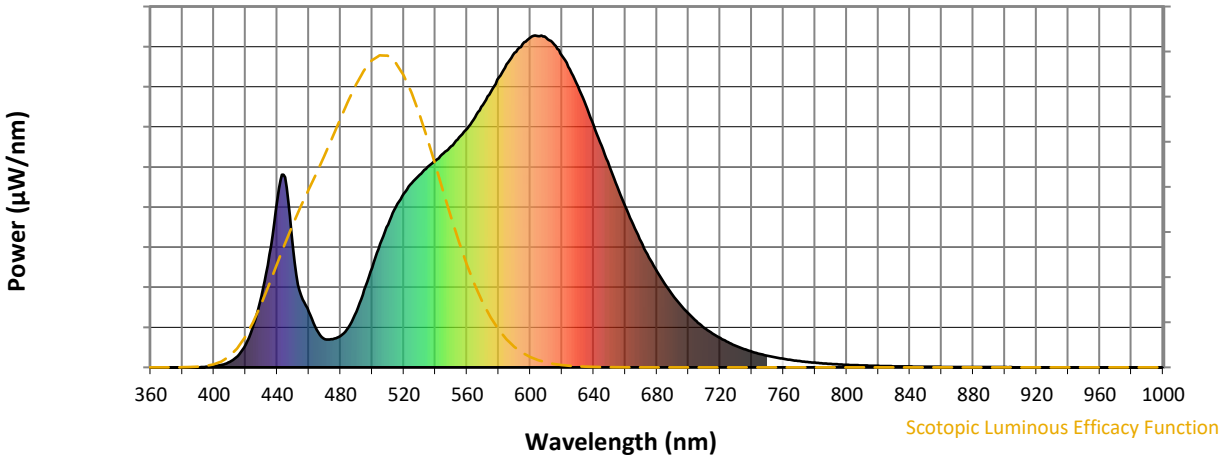


Photopic Lumens: NR

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

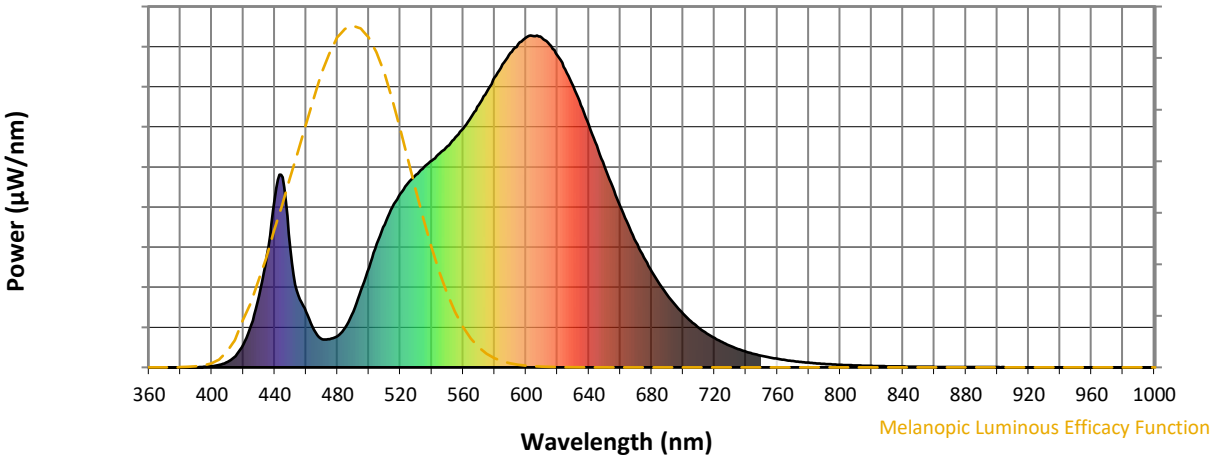


Scotopic Lumens: NR **S/P: 1.27**

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			

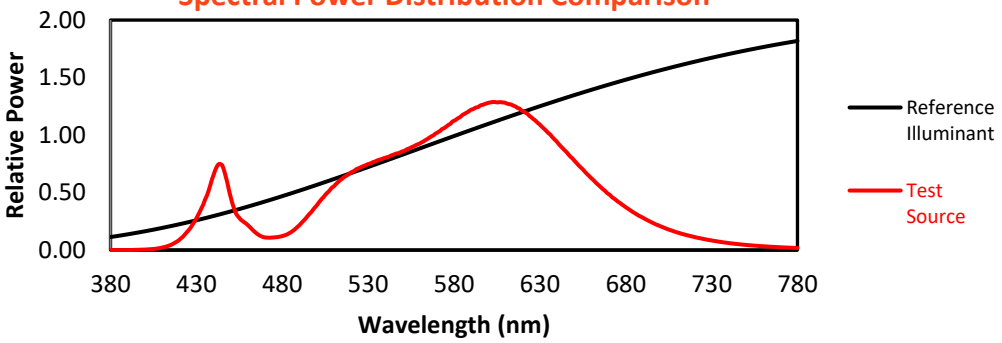
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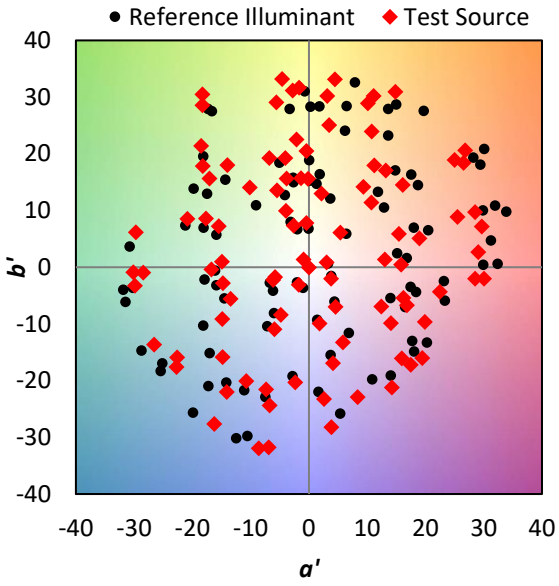
Summary

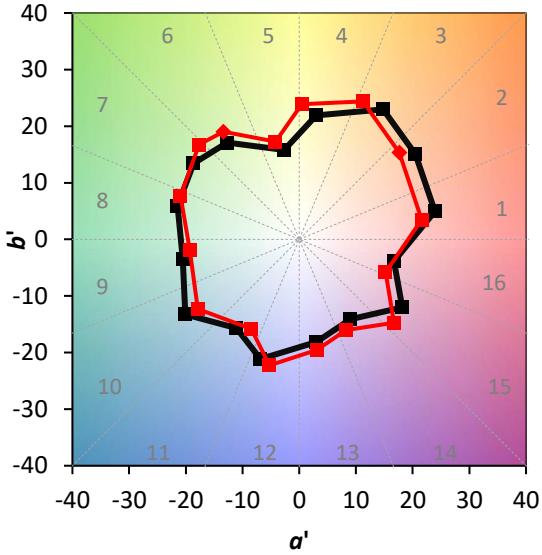
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

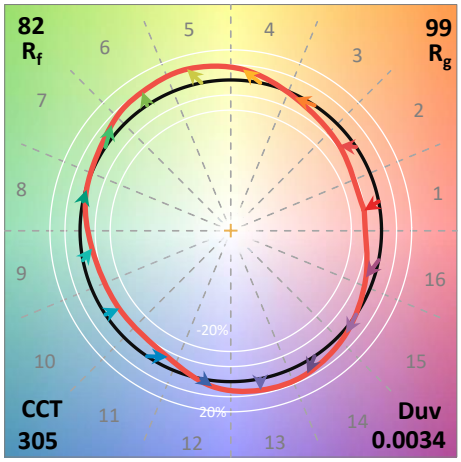
Spectral Power Distribution Comparison

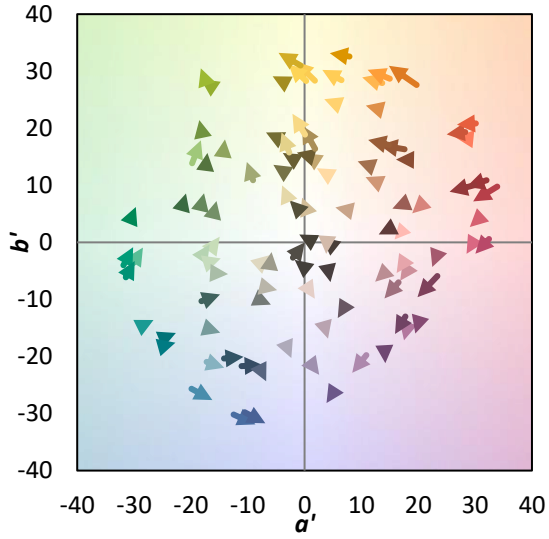


Color Vector Graphics







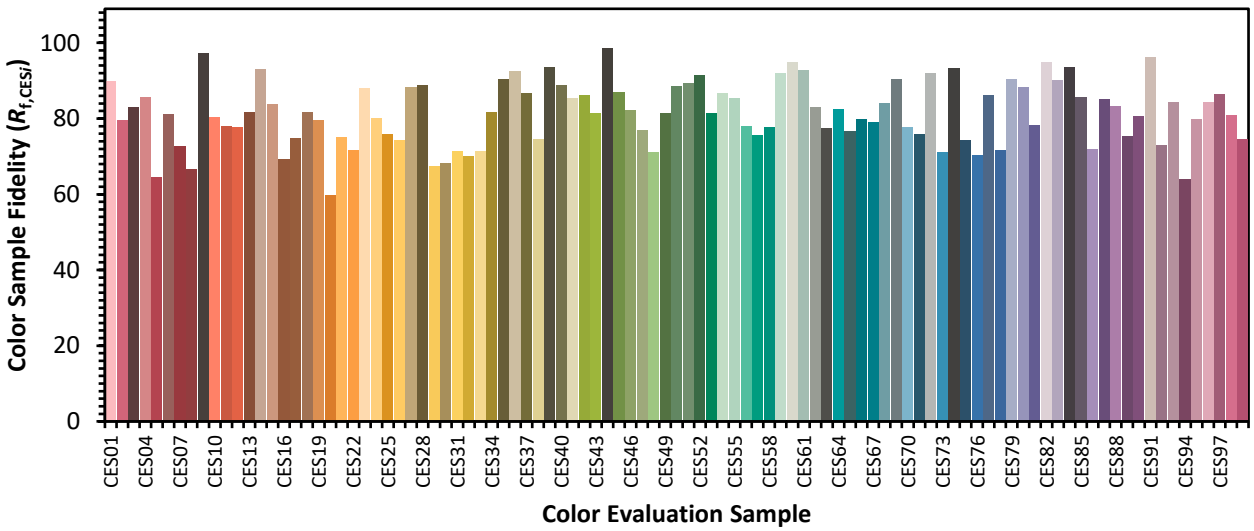


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Individual Sample Fidelity Index ($R_{f,i}$)

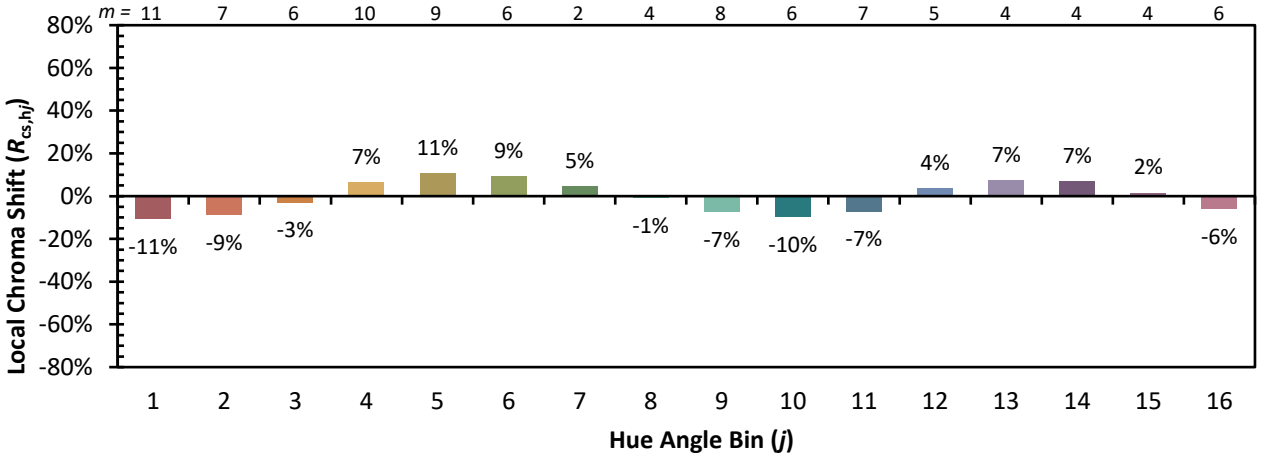
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

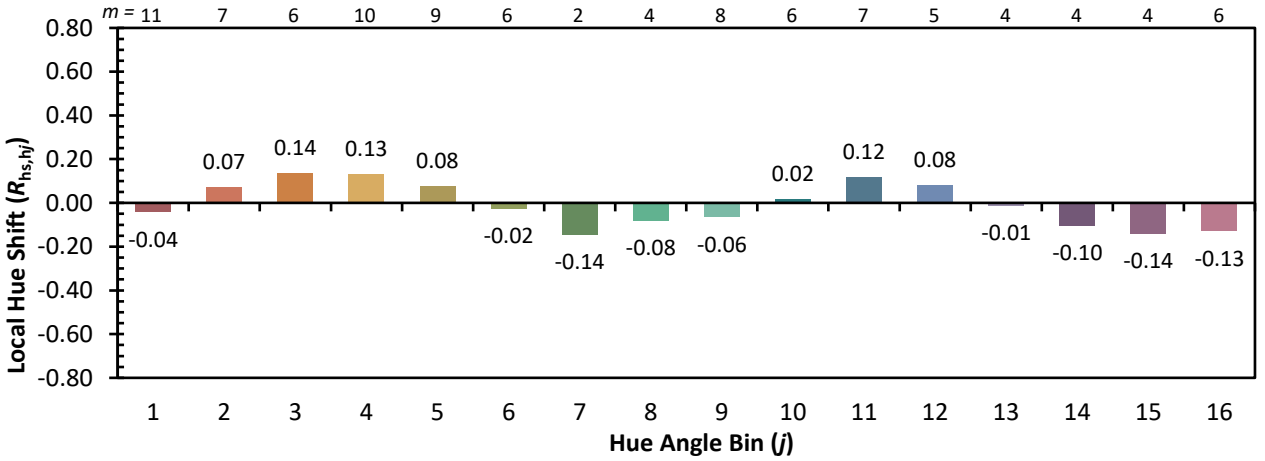


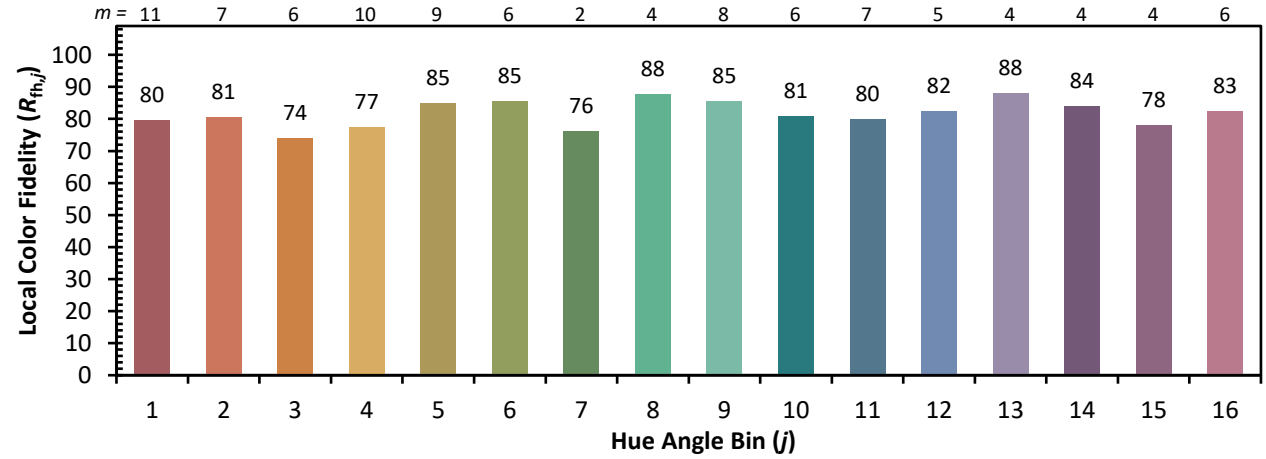
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Color Rendition by Hue-Angle Bin



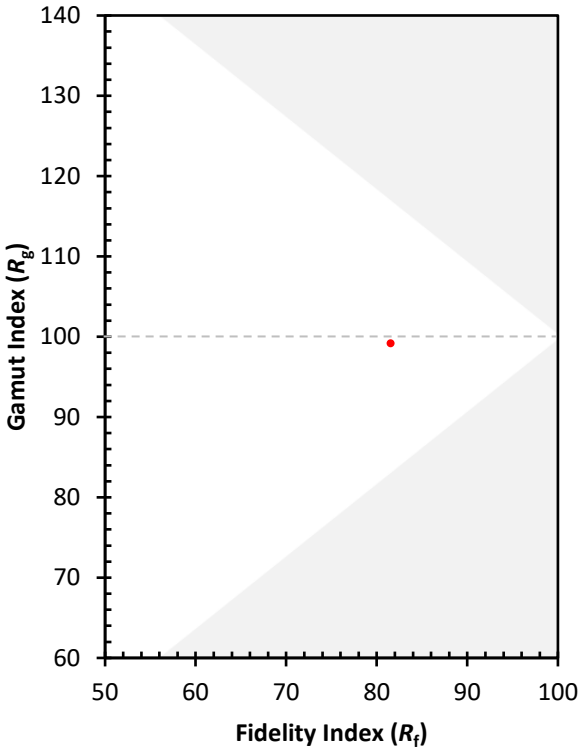


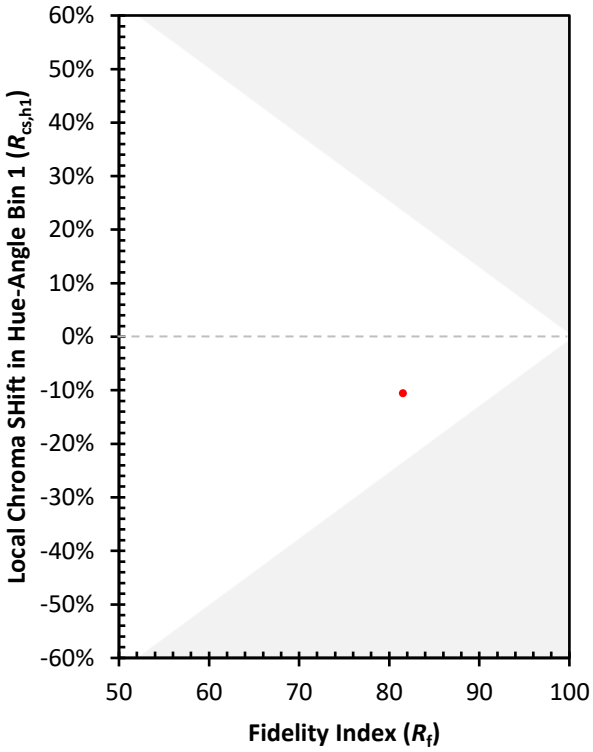


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Measure Comparisons





(END OF REPORT)