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: P1201616

Luminaire Tested: GWC-SB1B-830-U-SL4-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:	P1201616
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-830-U-SL4-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3551 lumens
Efficiency:	N/A
Efficacy:	89.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

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

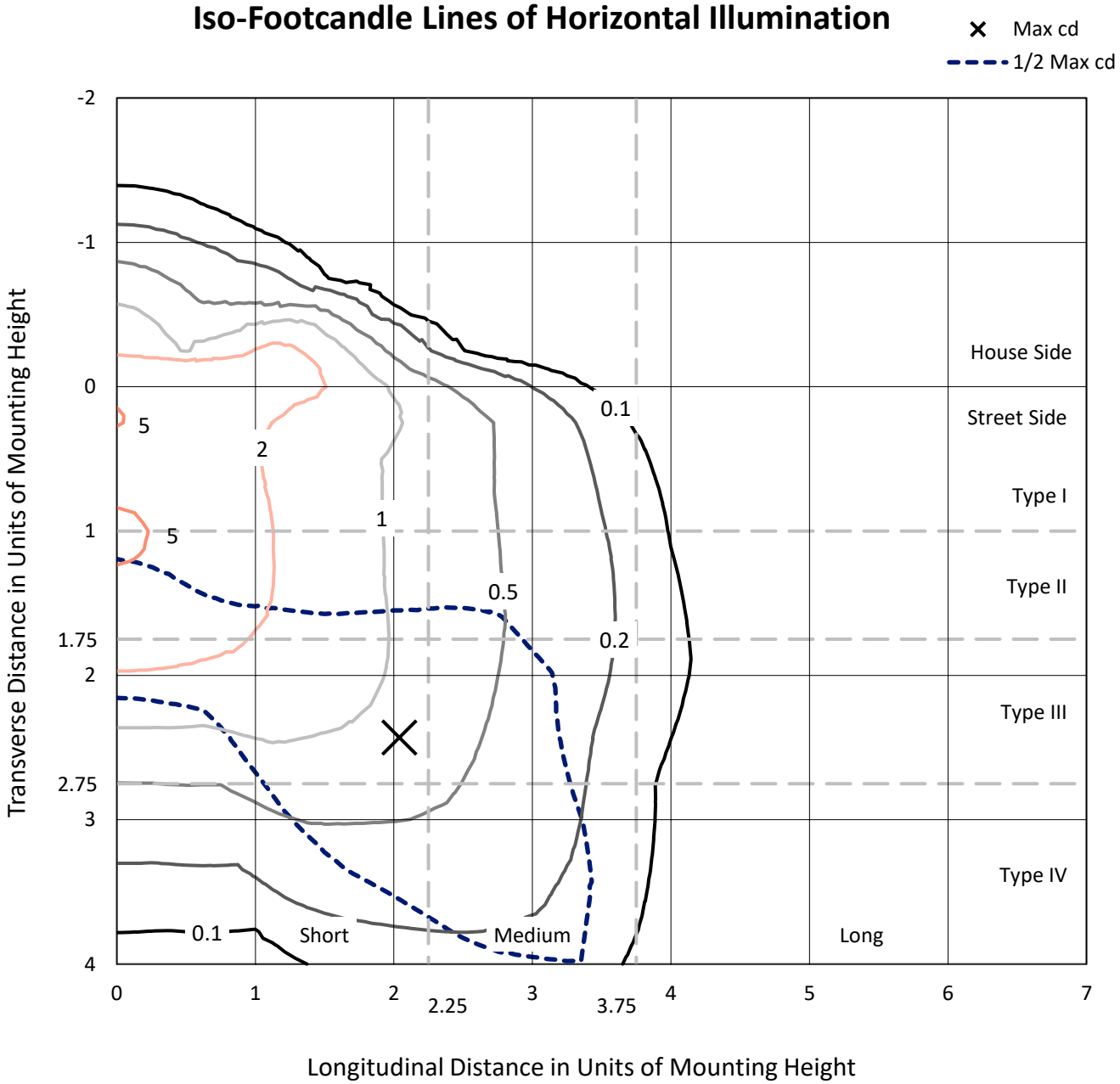


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REPORT NUMBER: P1201616
CATALOG NUMBER: GWC-SB1B-830-U-SL4-HSS

Iso-Footcandle Lines of Horizontal Illumination



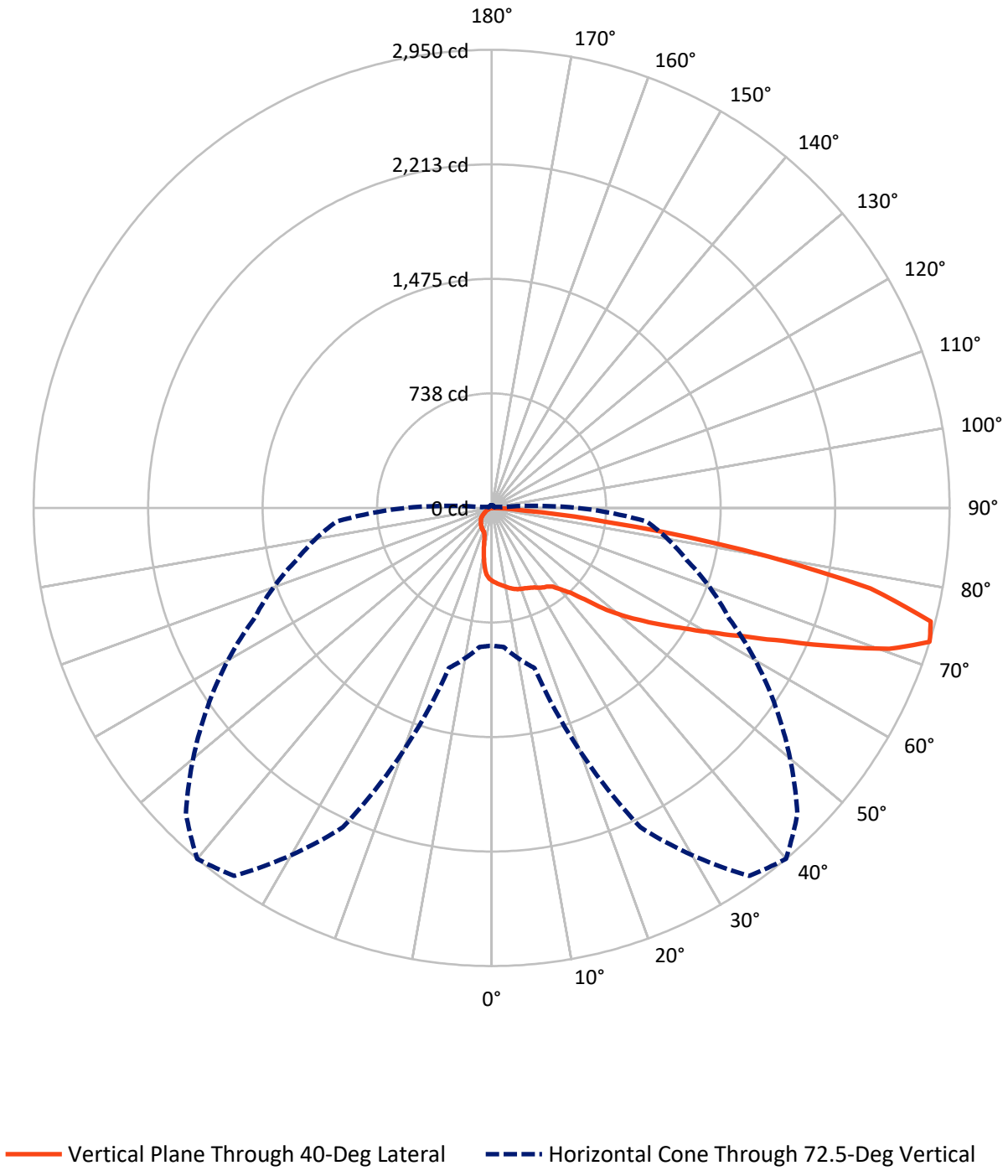
Based on 10 foot mounting height. Maximum calculated value = 9.1 fc
Type IV - Short - N/A

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REPORT NUMBER: P1201616
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Luminous Intensity Polar Plot



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Scaled Data Report

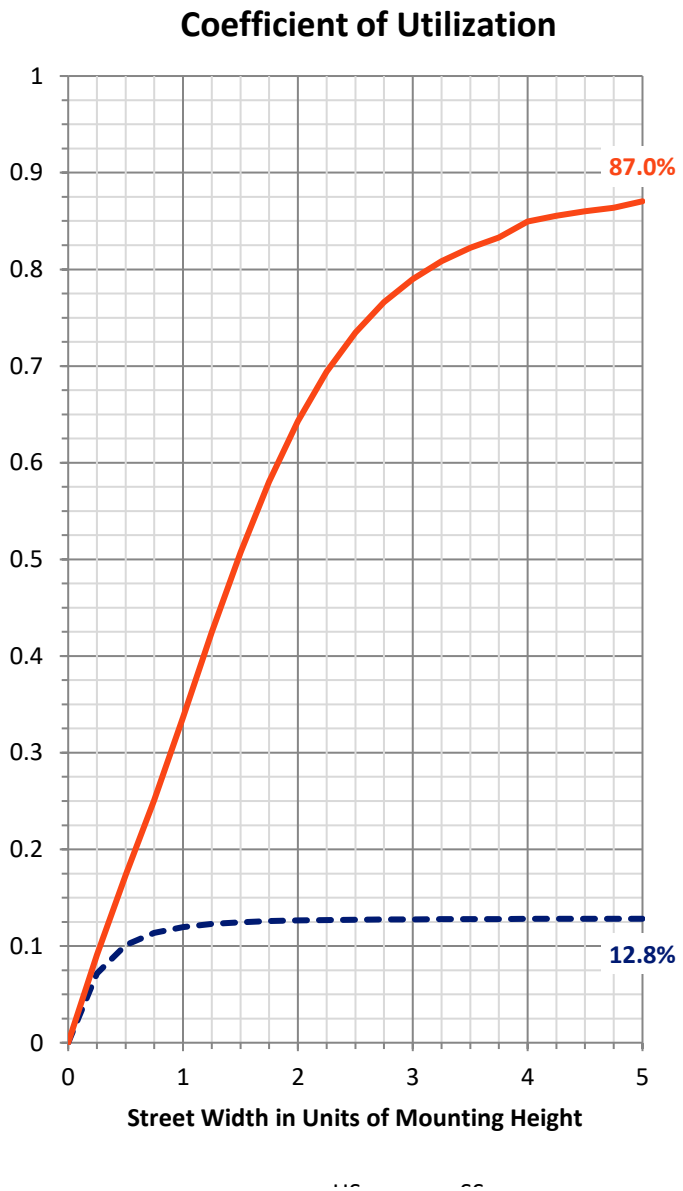
REPORT NUMBER: P1201616
CATALOG NUMBER: GWC-SB1B-830-U-SL4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	458.6	0.0	458.6
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	3092.4	0.0	3092.4
	% Fixture	87.1	0.0	87.1
Total	Lumens	3551.0	0.0	3551.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	1.2
10°-20°	116.6	3.3
20°-30°	188.7	5.3
30°-40°	278.6	7.8
40°-50°	468.8	13.2
50°-60°	728.0	20.5
60°-70°	910.9	25.7
70°-80°	745.8	21.0
80°-90°	70.7	2.0
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°	3551.0	100.0
0°-180°	3551.0	100.0



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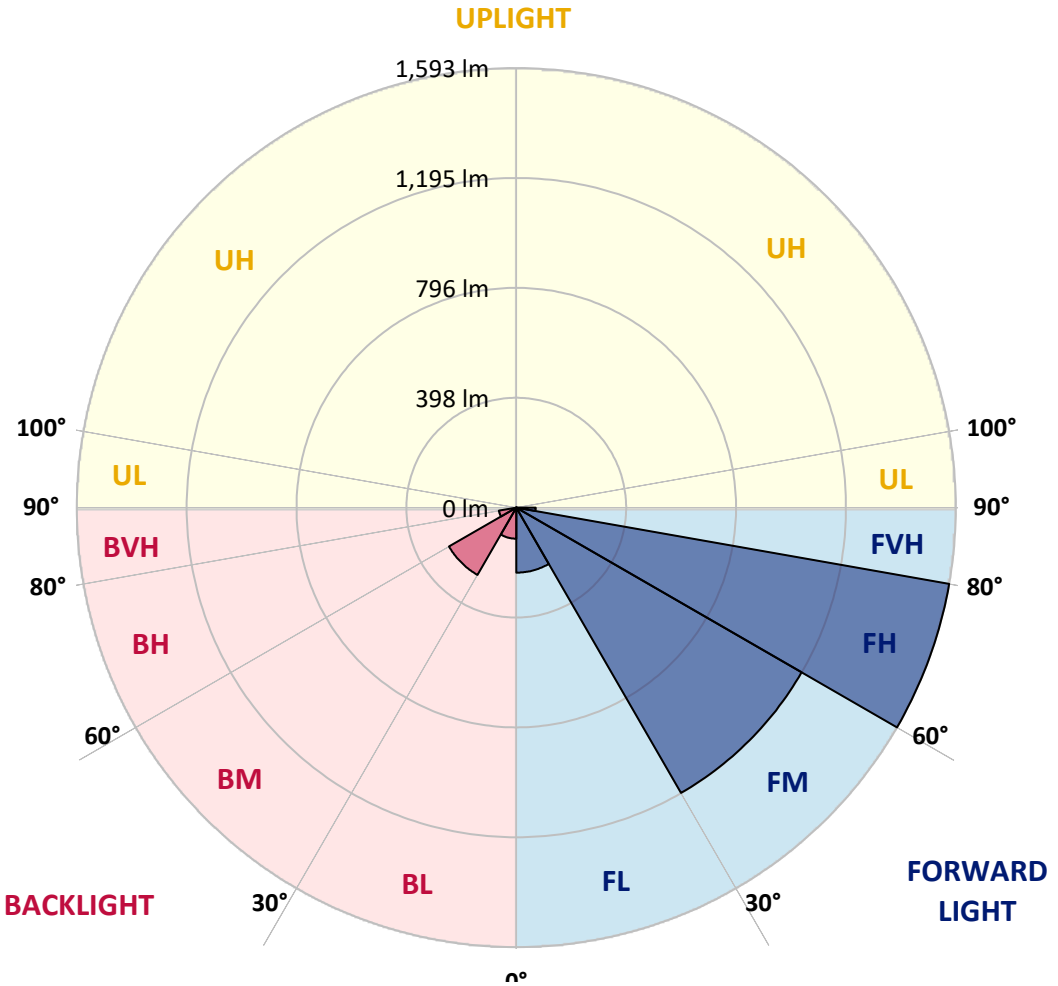
Scaled Data Report

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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	235.7	6.6			
FM	(30°-60°)	1193.8	33.6			
FH	(60°-80°)	1592.8	44.9			G1/1800
FVH	(80°-90°)	70.2	2.0			G1/100
BL	(0°-30°)	112.6	3.2	B1/500		
BM	(30°-60°)	281.6	7.9	B1/1000		
BH	(60°-80°)	63.9	1.8	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G1
Type IV Short



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REPORT NUMBER: P1201616
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	484.4	486.2	485.2	483.0	482.5	481.4	480.1	479.5	477.7	476.1	474.2
5°	498.0	499.9	498.5	495.6	494.3	492.9	491.0	489.4	485.7	482.2	477.9
7.5°	513.0	514.6	513.0	508.7	506.6	504.9	502.3	499.9	495.6	490.5	485.2
10°	529.6	530.9	528.5	522.9	519.4	517.0	514.6	511.9	507.9	502.3	495.9
12.5°	545.1	546.7	542.9	536.2	532.2	529.8	527.1	525.0	521.0	515.6	509.0
15°	559.2	561.6	555.2	548.0	543.5	541.6	538.9	537.6	534.9	531.2	525.0
17.5°	569.9	571.5	564.9	556.3	551.2	549.9	548.0	548.8	548.3	546.4	542.4
20°	579.0	580.1	571.3	560.8	555.2	555.5	555.0	557.6	558.7	558.7	558.4
22.5°	590.3	590.5	579.3	566.2	559.5	561.4	562.2	565.1	567.3	569.4	574.2
25°	605.0	604.4	591.1	573.2	567.3	569.9	571.8	572.9	575.3	578.8	589.7
27.5°	626.9	625.3	608.2	584.4	577.4	579.8	583.3	582.8	581.7	584.4	602.8
30°	654.7	652.6	629.9	600.2	593.7	595.9	597.0	592.1	584.4	586.8	614.3
32.5°	698.9	695.1	663.5	617.8	607.9	610.3	609.0	599.1	587.6	590.0	625.8
35°	775.6	766.5	721.9	654.7	624.0	621.3	618.1	608.5	594.3	591.9	635.5
37.5°	938.8	922.7	846.5	726.7	660.3	643.0	633.1	623.4	601.5	591.9	646.4
40°	1122.8	1106.5	1018.5	847.0	720.8	691.4	667.8	641.1	609.0	595.3	663.5
42.5°	1314.8	1296.9	1206.5	996.3	807.2	746.7	702.9	655.3	621.3	606.0	686.3
45°	1529.3	1506.8	1388.6	1151.9	932.6	838.7	759.3	684.4	642.7	625.0	717.3
47.5°	1755.6	1726.4	1570.2	1303.0	1067.7	966.0	862.5	736.6	674.2	653.4	759.3
50°	1956.1	1927.3	1757.7	1461.1	1193.9	1087.2	980.2	808.8	721.6	693.5	815.7
52.5°	2100.3	2078.4	1928.3	1624.2	1325.2	1200.9	1086.9	892.8	781.5	744.9	882.3
55°	2196.9	2176.8	2049.2	1778.8	1477.9	1326.0	1192.0	984.0	853.7	806.4	955.9
57.5°	2255.4	2243.9	2136.7	1916.8	1629.3	1463.0	1312.4	1084.3	938.8	878.8	1038.0
60°	2276.3	2266.9	2191.0	2048.4	1812.3	1627.4	1453.9	1197.4	1042.0	961.2	1122.2
62.5°	2220.7	2222.5	2230.0	2204.3	2005.1	1820.0	1623.4	1333.2	1156.5	1054.6	1201.4
65°	1958.8	1974.3	2116.6	2377.1	2260.5	2061.3	1839.3	1499.1	1287.5	1160.7	1264.2
67.5°	1621.8	1644.3	1821.4	2478.2	2532.8	2374.4	2139.9	1710.4	1443.7	1268.8	1288.1
70°	1241.5	1265.6	1480.1	2457.1	2787.7	2716.8	2511.6	1979.1	1605.5	1343.7	1227.3
72.5°	886.1	898.4	1067.4	2269.1	2892.2	2950.0	2785.5	2233.8	1688.2	1302.2	1001.1
75°	622.6	620.5	732.6	1827.2	2729.4	2921.6	2689.5	2096.0	1527.7	1034.5	617.3
77.5°	271.2	271.7	365.9	1109.7	2178.4	2495.3	2235.6	1312.9	1065.0	548.3	260.5
80°	70.3	72.5	134.3	441.8	1311.6	1647.0	1363.5	577.2	492.1	133.7	49.7
82.5°	24.9	26.5	61.8	138.8	483.8	755.3	607.1	184.5	128.4	38.2	13.4
85°	7.2	8.6	33.2	42.5	100.0	213.4	147.4	35.8	31.6	19.8	3.5
87.5°	0.0	1.1	6.7	5.9	5.9	4.0	7.5	4.0	5.1	2.4	1.1
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: P1201616
CATALOG NUMBER: GWC-SB1B-830-U-SL4-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	472.6	470.7	466.7	462.4	458.4	454.7	453.6	449.6	447.7	448.0	447.7
5°	475.0	471.5	463.8	454.4	444.8	433.8	424.7	411.9	400.9	399.6	398.8
7.5°	481.4	475.8	463.2	445.0	421.0	390.7	362.7	334.9	319.1	310.5	310.0
10°	491.3	483.8	464.6	429.8	378.7	324.7	282.2	247.1	229.2	220.9	219.3
12.5°	503.1	494.8	466.7	403.9	324.2	253.3	207.3	185.9	182.1	181.6	181.3
15°	519.7	510.6	469.1	368.8	265.0	192.8	171.7	172.0	174.9	176.5	176.3
17.5°	538.1	529.0	465.6	326.0	206.7	164.8	164.2	166.6	170.9	172.5	172.2
20°	556.8	548.3	453.3	275.7	167.2	157.0	159.1	161.8	166.1	168.2	168.2
22.5°	576.1	568.6	433.8	222.3	150.8	151.4	154.1	156.7	161.5	163.9	163.9
25°	596.7	590.3	407.9	178.1	143.9	145.5	149.0	152.2	157.3	160.2	160.2
27.5°	617.5	612.7	378.4	148.7	137.5	139.3	143.4	147.6	152.7	156.2	156.5
30°	640.3	637.6	354.9	137.7	131.3	132.9	137.5	142.3	147.9	152.2	152.7
32.5°	663.5	663.0	343.4	145.8	125.7	126.8	130.8	135.6	142.6	147.9	148.4
35°	686.6	687.6	336.7	168.5	123.8	120.9	123.6	127.8	136.1	142.8	143.9
37.5°	716.0	718.6	336.5	193.1	128.4	115.0	116.9	119.8	127.0	134.8	136.1
40°	759.8	774.0	353.6	214.2	136.4	109.7	110.2	110.7	114.5	120.9	123.0
42.5°	818.1	859.6	415.4	228.7	139.6	104.8	103.0	100.0	99.5	103.0	104.8
45°	890.6	963.1	523.9	236.7	136.4	99.5	94.4	86.7	83.7	86.1	86.1
47.5°	975.9	1076.5	652.6	238.6	131.1	92.8	83.7	73.5	71.1	71.9	71.7
50°	1059.1	1161.5	765.7	223.1	122.2	84.2	71.9	63.4	61.8	62.0	62.0
52.5°	1132.7	1190.7	797.8	186.4	110.5	73.8	61.8	55.9	54.8	54.8	54.6
55°	1181.3	1159.1	711.4	142.6	95.7	63.1	53.0	50.0	49.5	49.2	48.7
57.5°	1191.5	1056.4	537.3	103.0	74.9	53.2	47.1	45.5	44.4	43.3	42.8
60°	1155.1	885.3	342.1	71.9	56.2	45.5	41.7	40.7	38.5	36.4	35.6
62.5°	1076.5	668.6	189.4	50.0	45.2	38.8	36.9	35.6	31.6	28.1	27.0
65°	970.9	444.5	83.7	39.0	36.9	32.6	31.6	29.7	24.9	20.9	20.1
67.5°	864.7	256.0	37.7	31.3	29.7	26.7	25.9	24.6	21.1	17.4	16.8
70°	743.5	129.7	25.9	24.9	23.0	20.3	21.1	20.9	17.4	14.2	13.6
72.5°	*553.6*	*64.5*	*19.5*	*18.7*	*16.6*	*14.4*	*17.4*	*17.1*	*13.6*	*10.7*	*10.2*
75°	313.5	31.8	14.2	13.1	9.9	10.7	13.9	13.1	9.4	7.0	6.4
77.5°	124.4	16.3	9.4	8.0	5.9	7.2	10.2	8.8	4.8	2.9	2.7
80°	28.6	8.0	4.8	3.5	2.7	4.3	5.3	3.2	1.3	0.3	0.0
82.5°	8.0	3.5	1.6	1.3	1.3	1.6	1.3	0.5	0.0	0.0	0.0
85°	2.7	1.6	0.5	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
87.5°	1.1	0.5	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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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

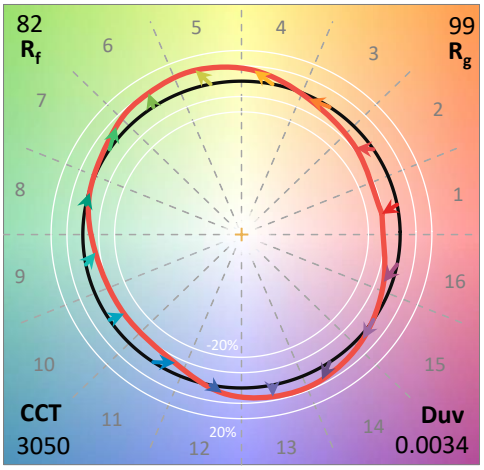
Test Information

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

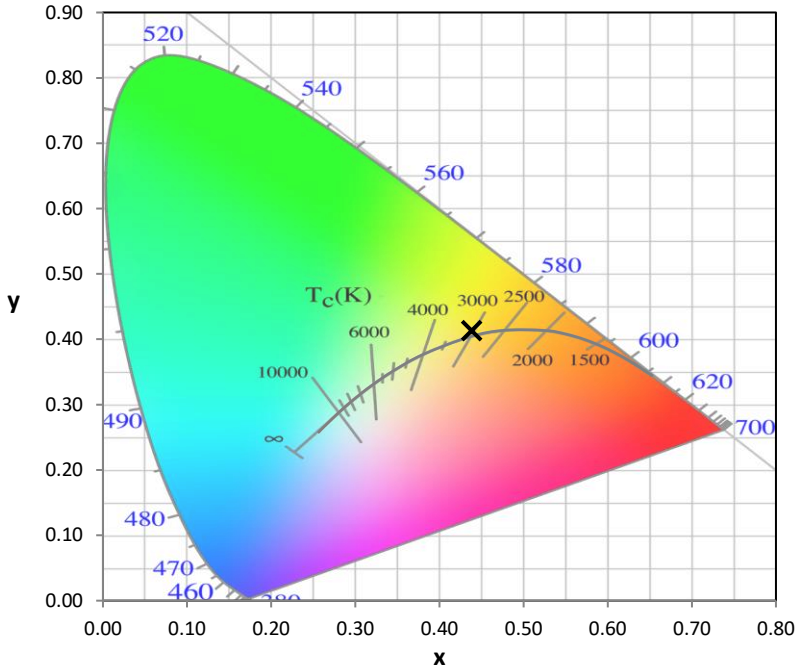
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

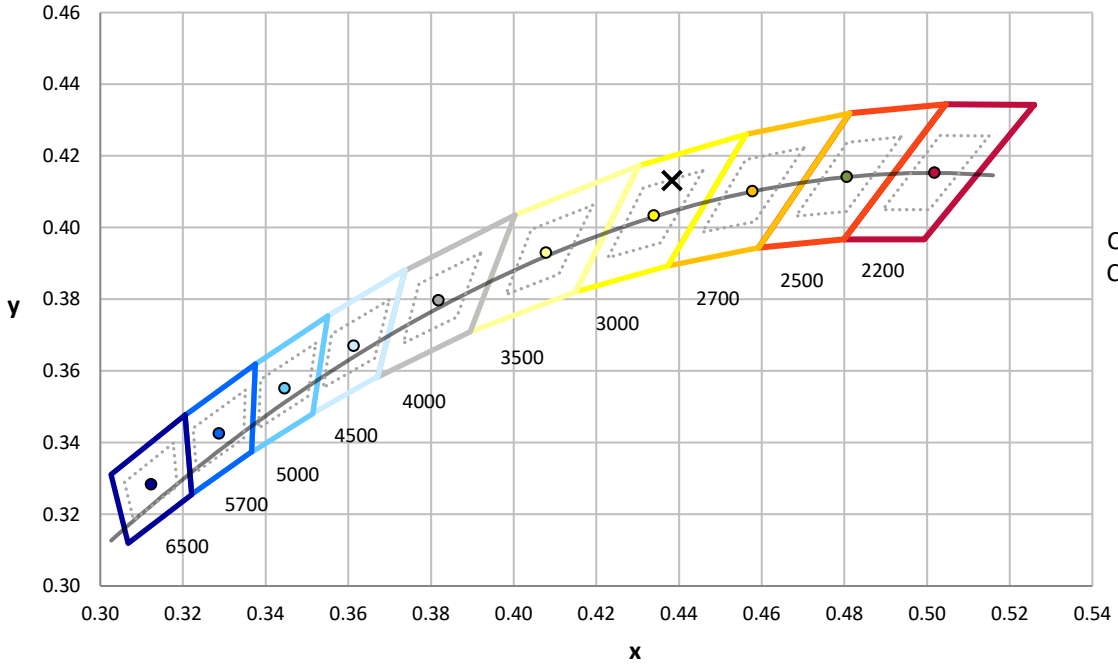
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

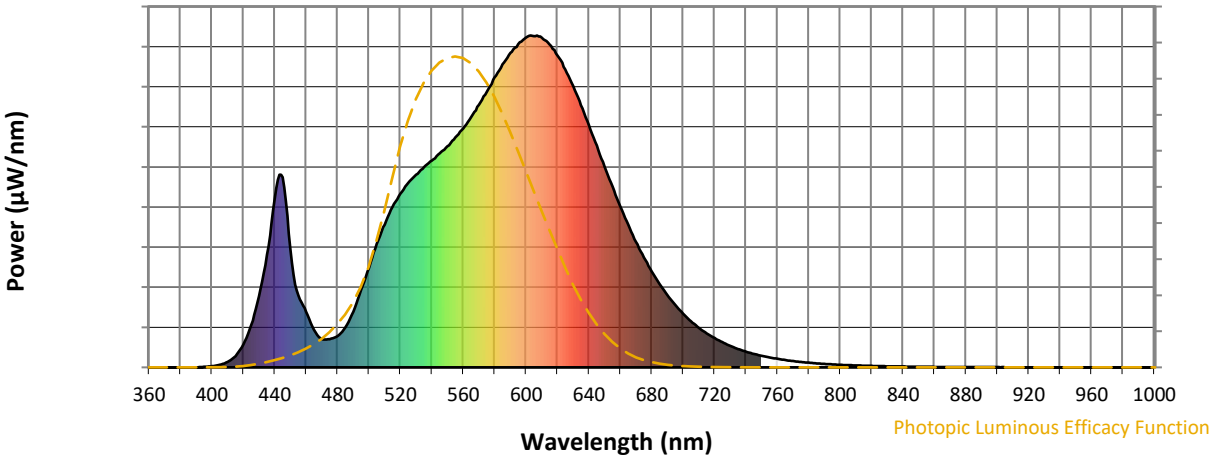


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

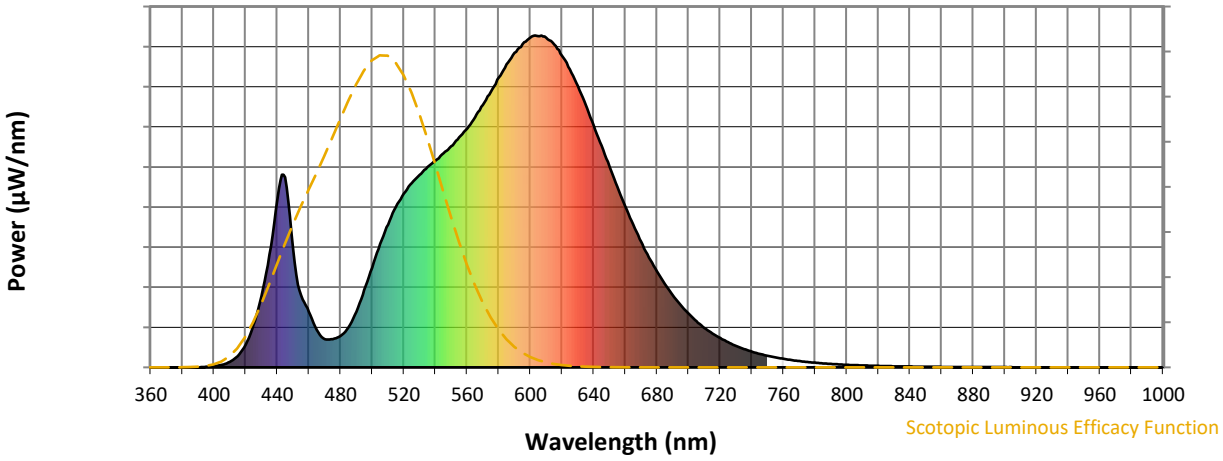


Photopic Lumens: NR

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

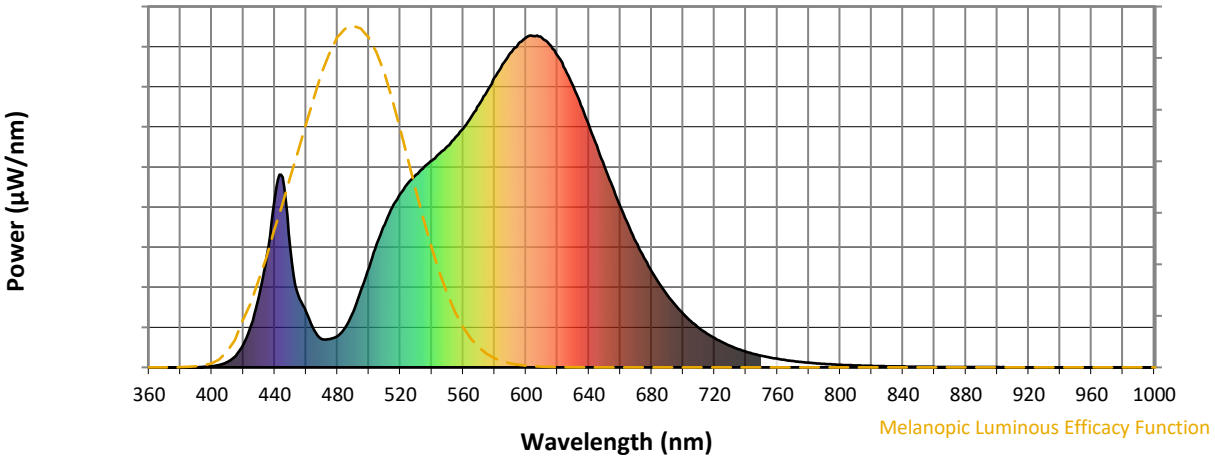


Scotopic Lumens: NR **S/P: 1.27**

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			

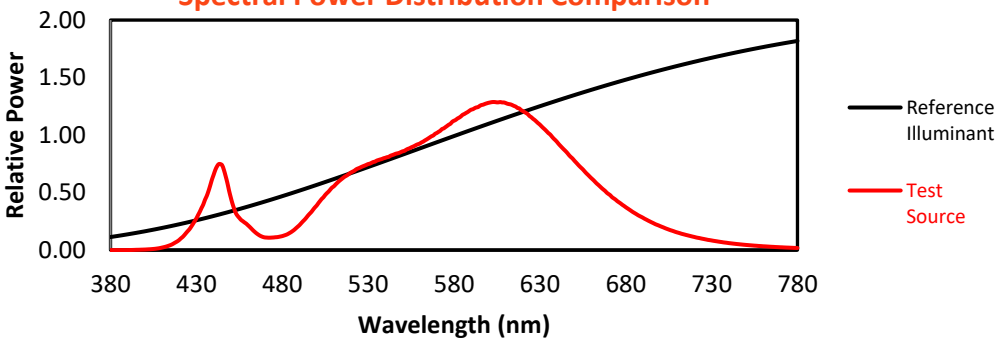
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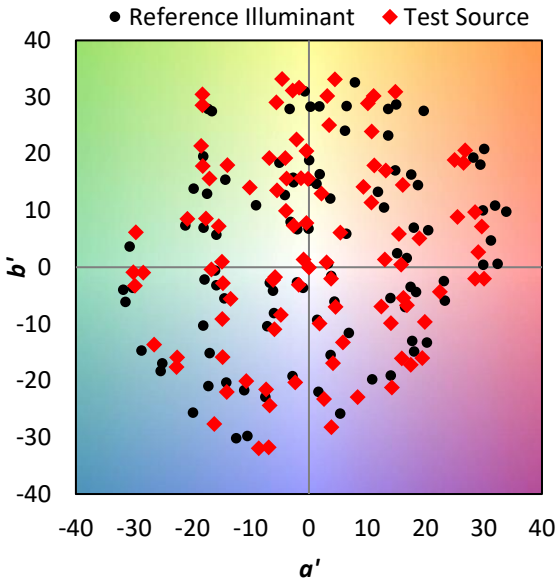
Summary

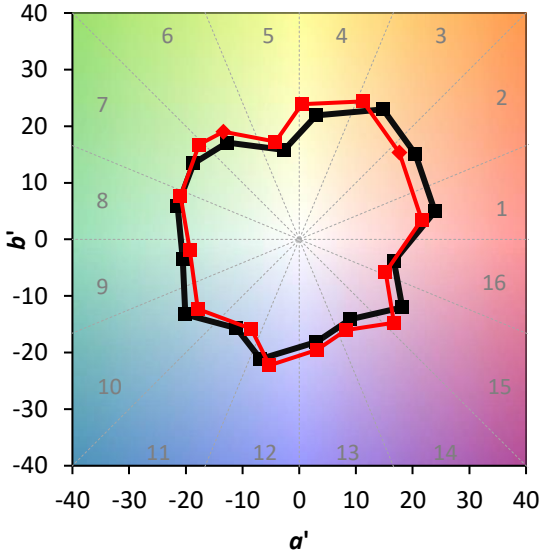
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

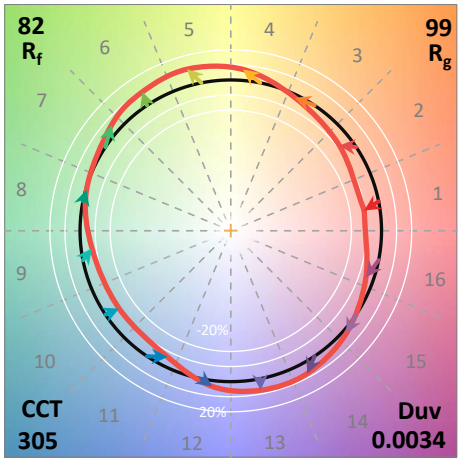
Spectral Power Distribution Comparison

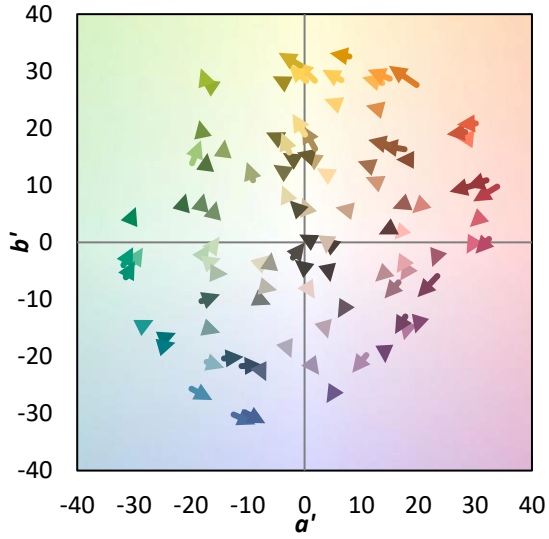


Color Vector Graphics







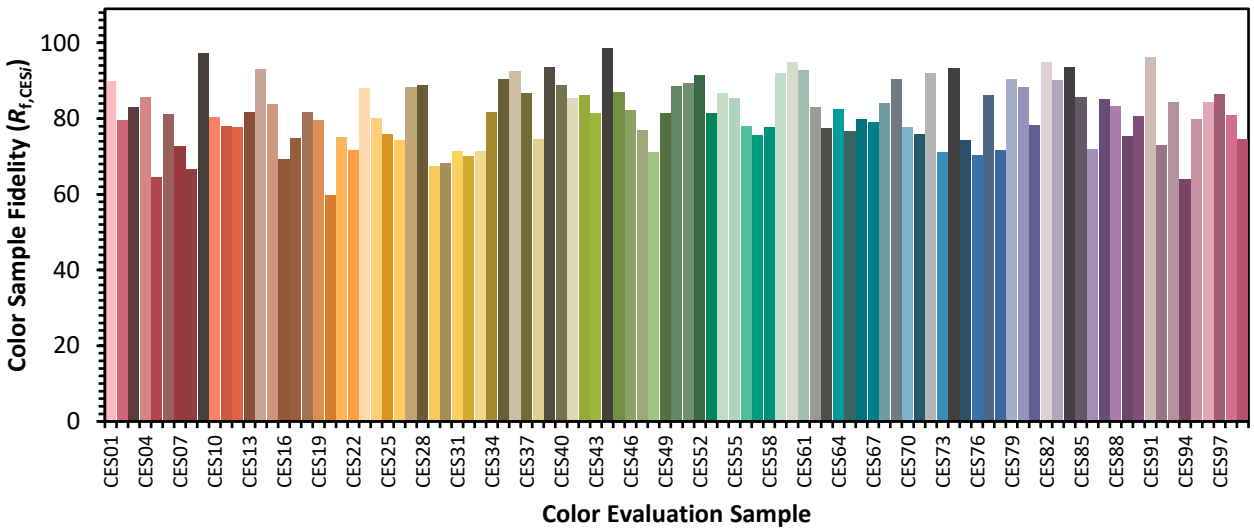


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Individual Sample Fidelity Index ($R_{f,i}$)

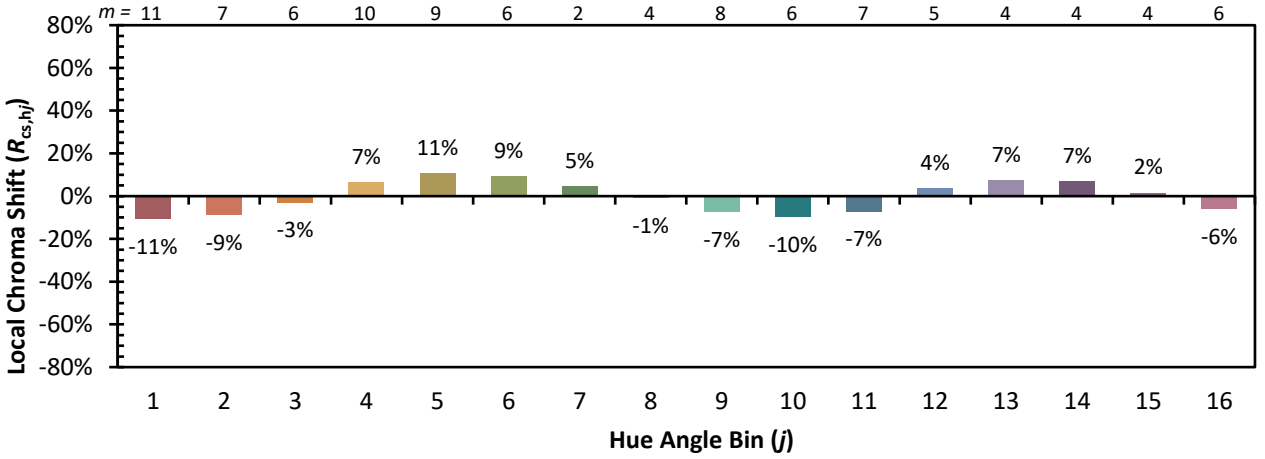
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

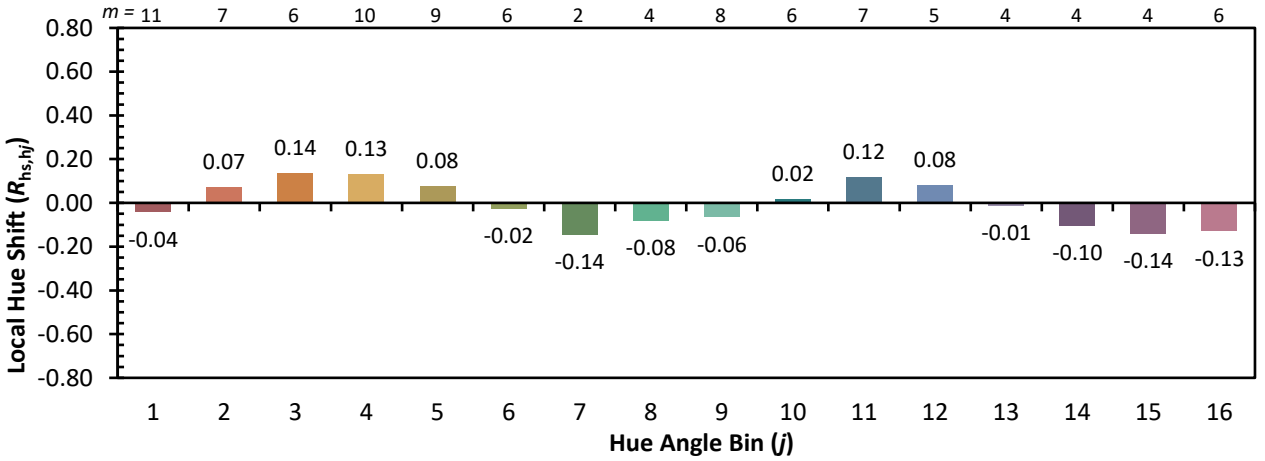


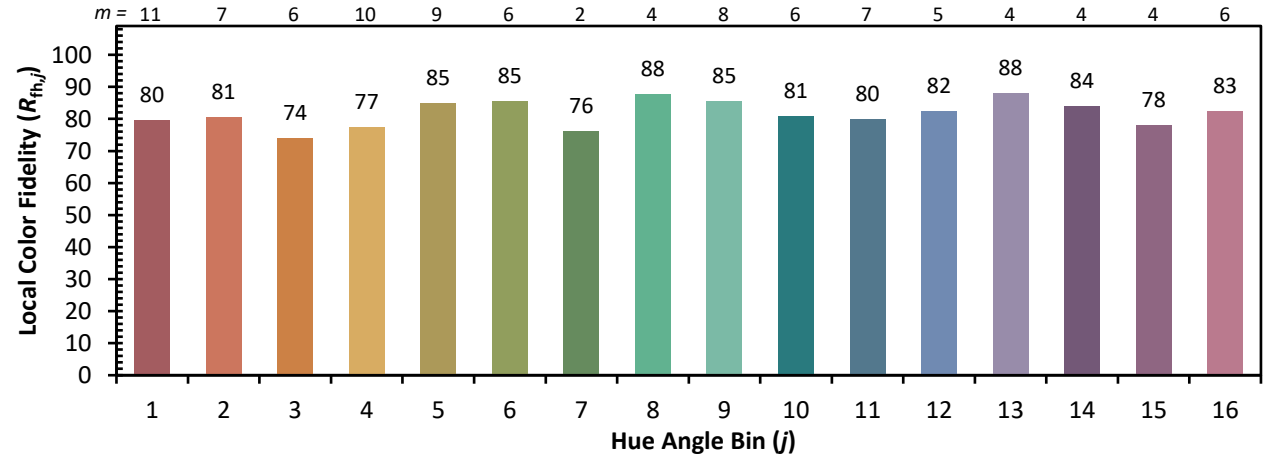
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Color Rendition by Hue-Angle Bin



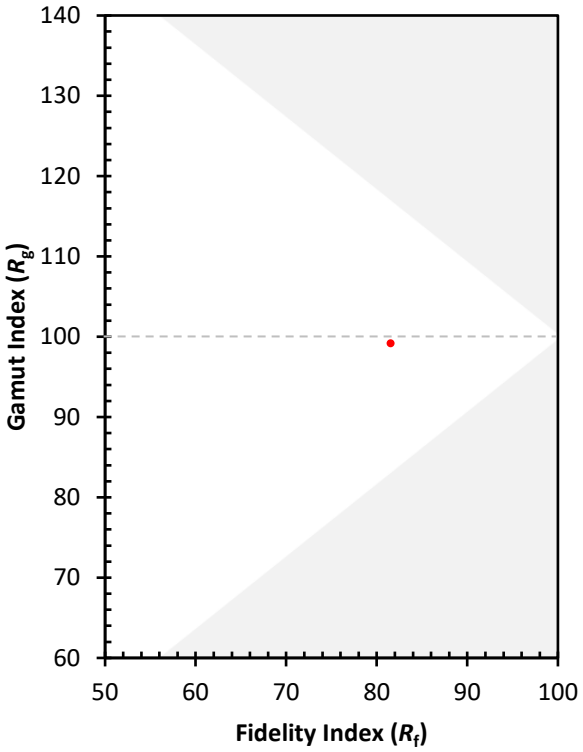


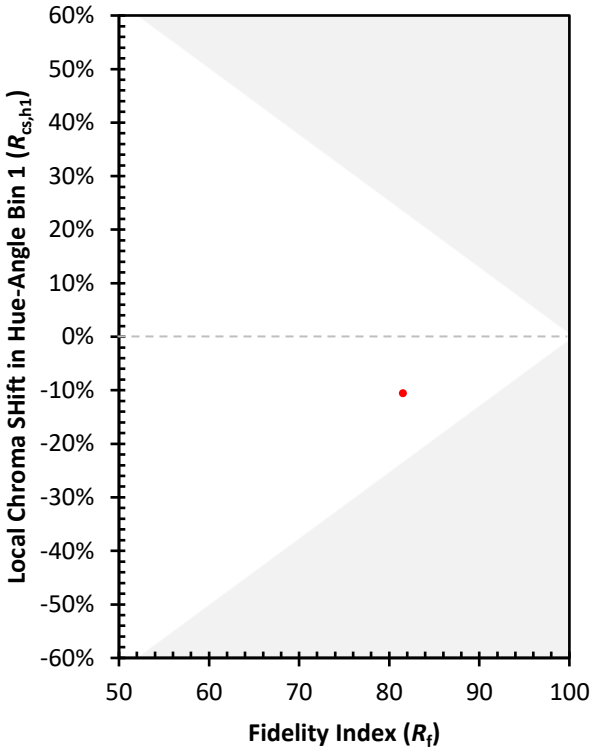


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Measure Comparisons





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