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: P1201624

Luminaire Tested: GWC-SB1B-830-U-T3-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:	P1201624
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-830-U-T3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3990 lumens
Efficiency:	N/A
Efficacy:	100.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - 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

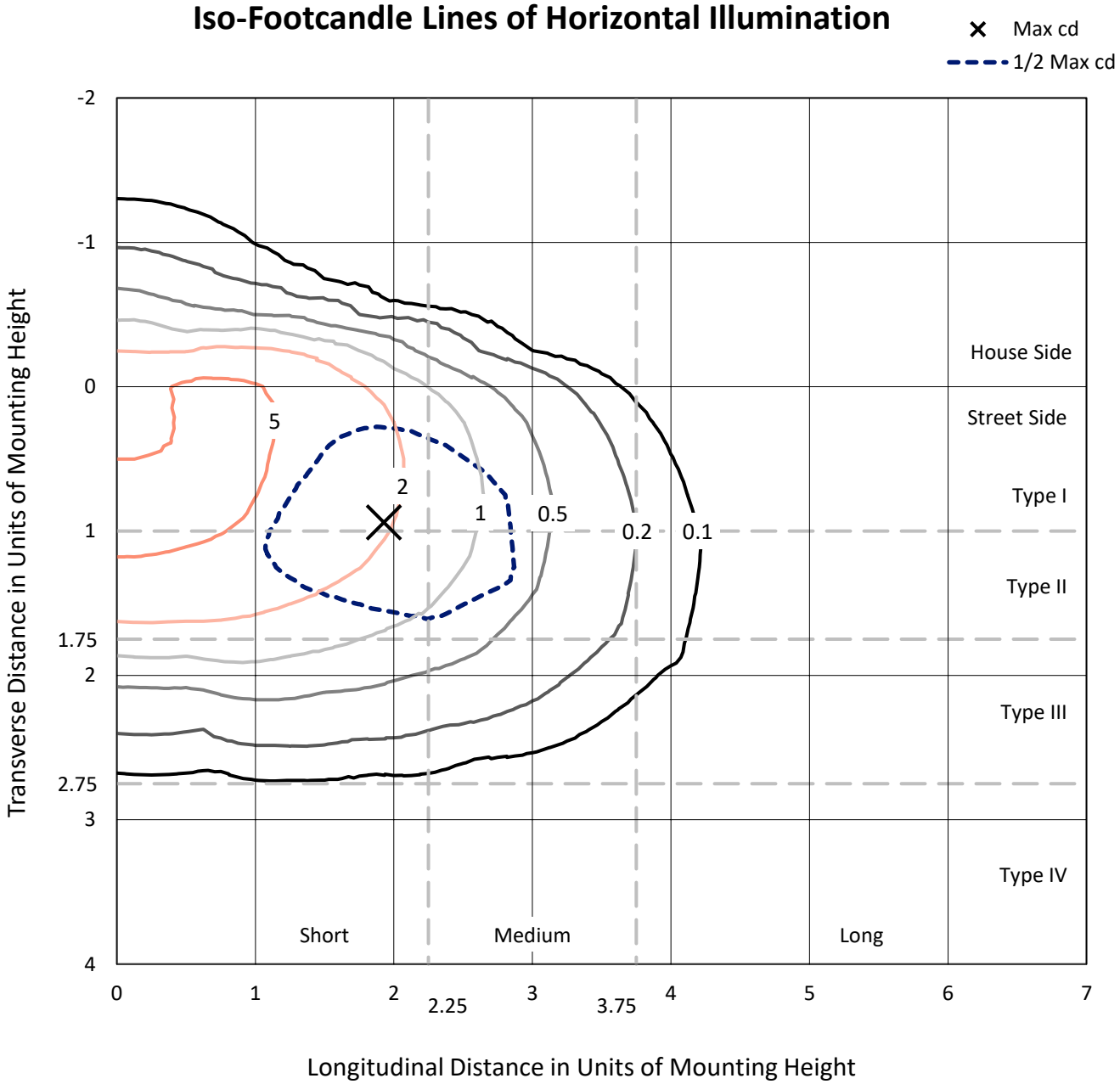


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Scaled Data Report

REPORT NUMBER: P1201624
CATALOG NUMBER: GWC-SB1B-830-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination



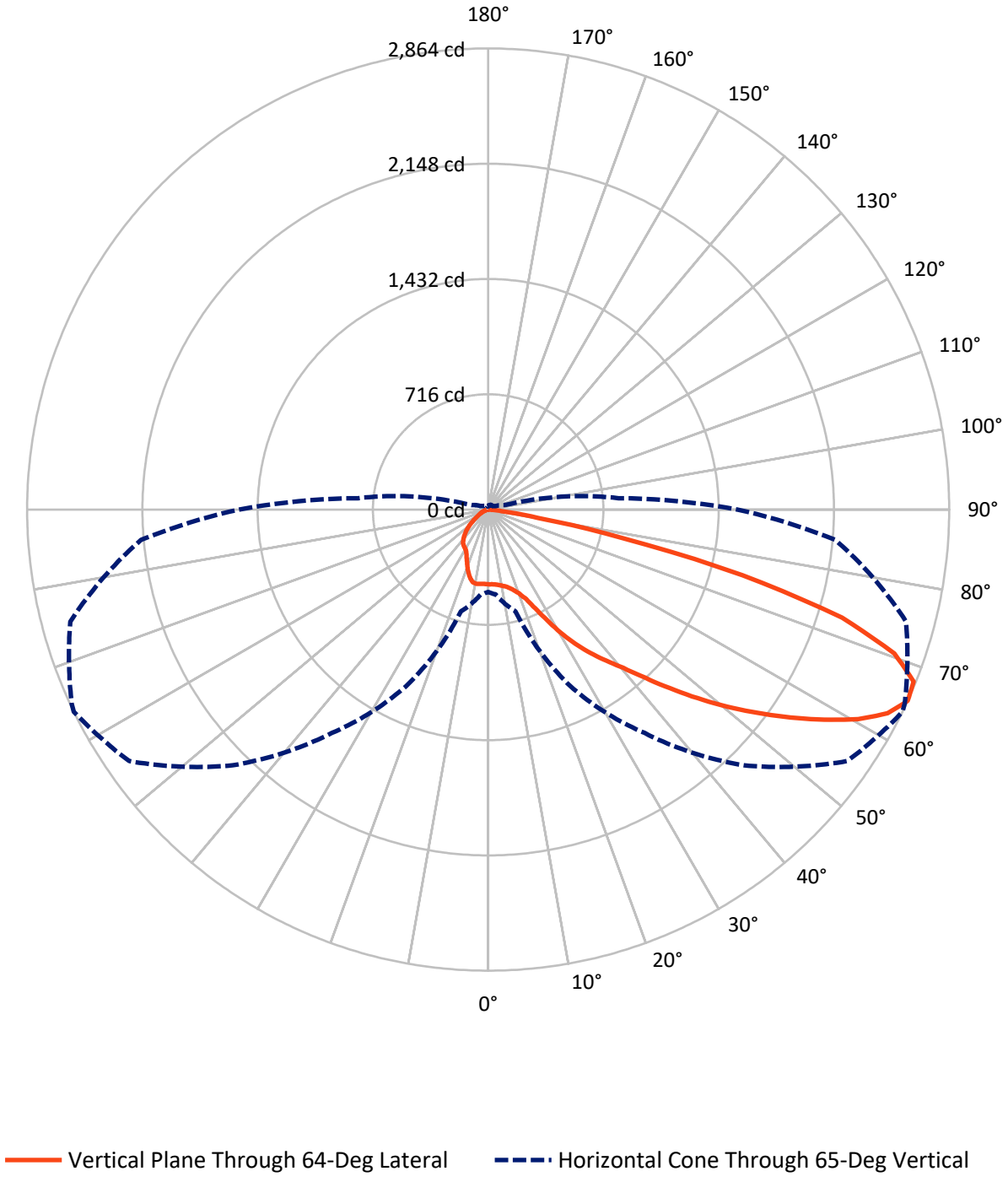
Based on 10 foot mounting height. Maximum calculated value = 8.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1201624
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Luminous Intensity Polar Plot



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Scaled Data Report

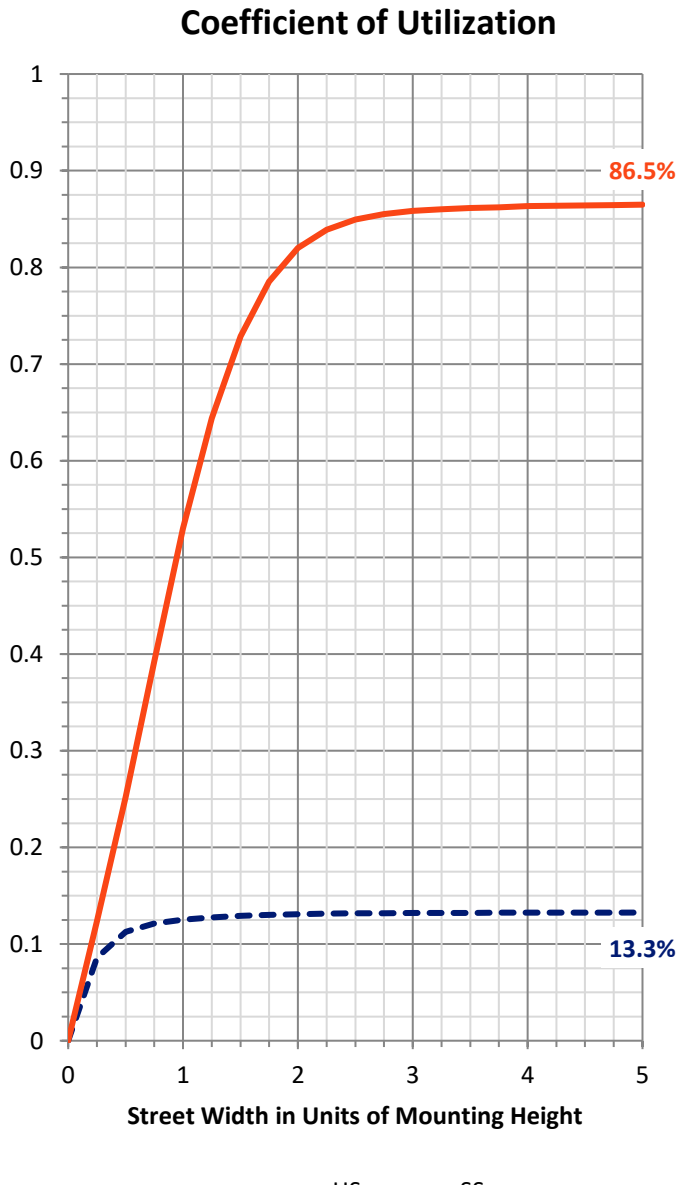
REPORT NUMBER: P1201624
CATALOG NUMBER: GWC-SB1B-830-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	533.6	0.0	533.6
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	3456.4	0.0	3456.4
	% Fixture	86.6	0.0	86.6
Total	Lumens	3990.0	0.0	3990.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.8	1.1
10°-20°	116.1	2.9
20°-30°	220.1	5.5
30°-40°	445.3	11.2
40°-50°	758.5	19.0
50°-60°	1031.6	25.9
60°-70°	968.7	24.3
70°-80°	388.1	9.7
80°-90°	18.8	0.5
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°	3990.0	100.0
0°-180°	3990.0	100.0



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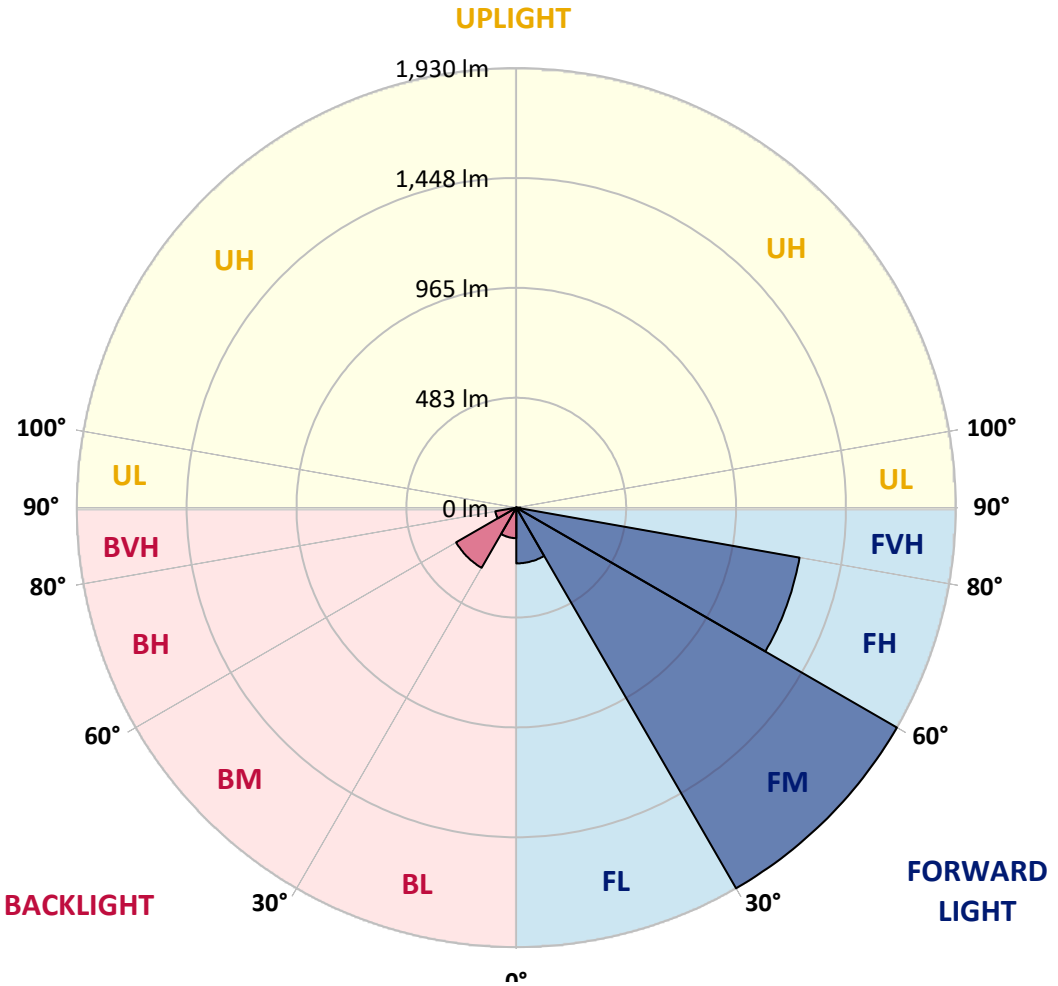
Scaled Data Report

REPORT NUMBER: P1201624
CATALOG NUMBER: GWC-SB1B-830-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	245.0	6.1			
FM	(30°-60°)	1930.4	48.4			
FH	(60°-80°)	1263.1	31.7			G1/1800
FVH	(80°-90°)	17.9	0.4			G1/100
BL	(0°-30°)	134.0	3.4	B1/500		
BM	(30°-60°)	305.0	7.6	B1/1000		
BH	(60°-80°)	93.7	2.3	B0/110		G0/110
BVH	(80°-90°)	0.9	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 III Short



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REPORT NUMBER: P1201624
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	464.1	464.1	464.1	464.1	464.1	464.1	464.1	*464.1*	464.1	464.1	464.1
2.5°	462.5	465.7	464.9	464.1	463.8	464.3	464.6	*464.3*	464.3	464.3	464.6
5°	453.6	456.3	456.3	458.2	460.9	464.1	466.5	*467.0*	467.6	468.4	468.1
7.5°	436.8	438.9	440.5	446.7	453.4	461.9	469.2	*472.9*	473.4	476.4	477.5
10°	425.3	428.0	430.6	437.1	446.7	459.5	471.8	*480.9*	482.3	489.2	492.4
12.5°	424.8	427.4	430.9	437.9	449.1	462.7	477.7	*490.8*	493.2	503.4	510.1
15°	430.4	433.6	436.8	445.4	457.4	474.0	490.0	*506.3*	508.7	523.2	530.4
17.5°	441.9	446.2	448.6	457.1	470.0	488.4	509.6	*528.3*	530.4	547.3	556.4
20°	464.6	469.7	470.5	477.5	490.0	509.8	535.0	*558.2*	560.9	580.2	590.3
22.5°	511.7	518.9	512.5	516.0	527.2	547.0	574.3	*603.7*	607.4	629.4	638.5
25°	594.6	604.8	588.2	582.3	587.1	607.7	642.0	*679.1*	683.4	701.1	705.6
27.5°	757.5	744.4	719.3	694.6	680.2	692.0	730.5	*776.5*	781.8	799.0	793.6
30°	936.4	924.9	891.0	836.4	802.2	800.3	835.9	*887.2*	893.4	909.7	893.4
32.5°	1115.7	1104.7	1067.8	1000.6	941.3	911.8	936.4	*993.4*	996.6	1007.1	983.0
35°	1291.9	1280.7	1243.8	1175.0	1102.0	1035.1	1030.3	*1094.5*	1095.6	1106.6	1070.7
37.5°	1469.3	1459.9	1420.6	1353.2	1281.2	1189.0	1144.3	*1190.3*	1191.6	1202.3	1165.1
40°	1595.8	1599.8	1572.8	1520.6	1458.8	1358.0	1272.1	*1292.2*	1284.2	1302.1	1279.9
42.5°	1704.4	1712.4	1688.9	1662.7	1626.8	1538.0	1430.5	*1427.0*	1414.2	1423.8	1400.8
45°	1798.3	1805.0	1783.8	1777.7	1776.9	1714.5	1603.5	*1582.7*	1564.8	1562.9	1535.3
47.5°	1832.8	1845.6	1854.7	1875.3	1915.4	1889.2	1782.5	*1750.1*	1730.1	1715.4	1671.8
50°	1845.9	1859.5	1890.6	1950.5	2045.4	2056.7	1960.6	*1924.3*	1899.6	1872.9	1808.7
52.5°	1828.2	1852.6	1894.3	1995.1	2132.9	2190.9	2131.6	*2099.7*	2071.6	2028.0	1932.8
55°	1724.2	1748.5	1833.8	1994.6	2176.5	2285.1	2293.1	*2278.9*	2247.4	2178.6	2033.1
57.5°	1504.8	1541.0	1676.0	1926.7	2175.7	2366.1	2451.5	*2461.6*	2426.3	2327.9	2112.0
60°	1201.0	1249.9	1414.7	1776.1	2108.5	2410.0	2590.3	*2641.1*	2603.7	2475.0	2176.0
62.5°	838.0	894.7	1050.7	1540.2	1955.0	2378.4	2691.7	*2785.5*	2757.2	2606.6	2200.6
65°	*511.2*	*529.3*	*655.1*	*1212.0*	*1694.0*	*2246.3*	*2723.0*	*2863.6*	*2854.3*	*2687.1*	*2164.2*
67.5°	340.5	355.7	391.9	831.1	1314.9	1982.3	2648.1	*2850.0*	2852.7	2674.0	2031.0
70°	205.2	218.3	241.8	483.3	852.2	1569.0	2416.2	*2676.1*	2691.7	2498.8	1778.5
72.5°	84.5	93.4	114.7	219.1	441.3	995.8	1924.0	*2297.7*	2333.8	2101.1	1365.0
75°	47.9	52.4	67.4	109.9	191.5	464.1	1165.4	*1631.1*	1684.3	1448.1	821.2
77.5°	31.8	34.0	43.6	71.1	107.8	158.3	498.0	*849.8*	951.4	790.9	355.5
80°	21.4	23.3	30.0	47.6	70.1	67.9	158.6	*314.8*	387.3	271.8	86.7
82.5°	14.4	14.7	21.4	31.3	44.4	32.9	46.8	*97.9*	123.0	78.6	32.9
85°	8.3	8.0	15.8	18.2	19.8	13.6	14.2	*29.4*	38.5	33.2	18.7
87.5°	1.1	1.6	6.2	4.8	2.7	2.9	2.9	*5.1*	7.5	8.0	4.0
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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Scaled Data Report

REPORT NUMBER: P1201624
CATALOG NUMBER: GWC-SB1B-830-U-T3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1	464.1
2.5°	464.6	464.3	463.5	462.7	460.9	459.8	460.3	459.8	459.5	459.8	460.9
5°	468.1	467.3	465.1	462.5	458.7	454.2	451.2	447.0	442.9	440.5	441.1
7.5°	477.5	476.7	473.7	466.2	454.2	435.2	417.8	402.6	391.1	384.4	384.6
10°	492.4	491.1	486.5	470.0	438.4	396.9	362.4	333.8	315.1	306.3	305.5
12.5°	510.1	508.5	500.5	466.5	408.4	343.7	296.1	264.3	246.9	239.1	238.3
15°	530.9	528.8	513.0	449.9	364.8	284.9	241.3	217.5	206.2	199.3	199.5
17.5°	556.9	553.1	522.4	425.0	317.5	239.9	207.6	189.6	179.7	173.1	172.5
20°	590.6	584.4	529.9	395.3	273.9	211.6	184.8	169.9	162.4	156.5	155.4
22.5°	637.7	628.8	539.0	363.2	243.1	192.1	168.0	157.0	150.9	144.2	143.1
25°	696.0	685.6	550.2	333.5	222.0	175.2	155.7	146.6	139.4	131.6	130.8
27.5°	777.6	758.8	563.6	309.2	203.8	160.8	144.4	134.3	126.0	119.6	118.2
30°	868.5	837.7	575.4	294.5	187.2	147.4	129.7	119.6	111.8	107.3	106.5
32.5°	954.6	912.9	583.1	288.1	172.3	132.1	113.7	102.7	96.8	95.5	96.3
35°	1036.0	980.9	582.3	281.9	158.9	116.9	97.9	86.7	82.1	82.9	82.9
37.5°	1129.6	1053.3	576.7	272.3	147.9	103.0	84.3	74.4	70.3	70.6	71.7
40°	1238.4	1137.1	573.2	254.1	135.9	90.1	73.0	65.0	62.1	61.0	60.7
42.5°	1354.5	1218.1	573.7	233.5	120.9	78.6	65.3	58.6	55.9	55.1	54.8
45°	1471.1	1295.4	574.5	212.1	105.1	69.8	59.6	54.0	52.4	51.4	51.4
47.5°	1580.8	1361.2	559.6	189.1	89.6	63.1	55.1	51.4	50.0	48.7	48.7
50°	1683.0	1405.1	523.5	162.4	77.3	57.8	51.6	48.9	47.6	46.3	46.3
52.5°	1762.4	1412.0	463.8	134.8	68.7	53.8	49.5	47.1	45.5	44.1	43.9
55°	1797.7	1368.4	379.0	109.1	62.1	50.3	47.3	44.9	43.1	41.7	41.5
57.5°	1788.6	1276.7	295.6	87.7	55.6	46.8	44.7	43.1	40.9	38.8	38.5
60°	1744.0	1153.9	222.8	73.0	49.8	43.1	41.7	40.4	37.4	34.2	33.7
62.5°	1666.7	999.6	158.9	60.5	43.3	38.8	38.2	37.2	32.9	27.0	26.5
65°	*1548.4*	*812.1*	*107.0*	*50.3*	*37.2*	*34.0*	*34.2*	*32.4*	*26.7*	*20.1*	*19.5*
67.5°	1375.7	593.8	68.5	41.2	31.0	28.4	28.6	27.6	22.7	17.1	16.3
70°	1155.5	393.2	44.7	31.3	24.9	21.9	23.5	23.8	19.3	13.9	13.4
72.5°	847.1	232.2	31.3	23.3	18.2	15.2	19.3	19.8	15.5	10.4	9.9
75°	482.8	110.2	23.5	16.9	11.2	10.7	15.0	15.0	10.7	7.0	6.4
77.5°	202.8	46.0	16.6	11.0	6.4	6.2	10.2	9.4	5.3	3.2	3.2
80°	58.6	20.6	8.8	5.3	2.7	2.4	4.0	2.9	1.3	0.5	0.5
82.5°	23.0	9.1	3.5	2.1	1.1	1.1	0.5	0.0	0.0	0.0	0.0
85°	13.6	3.7	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	0.8	0.5	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

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

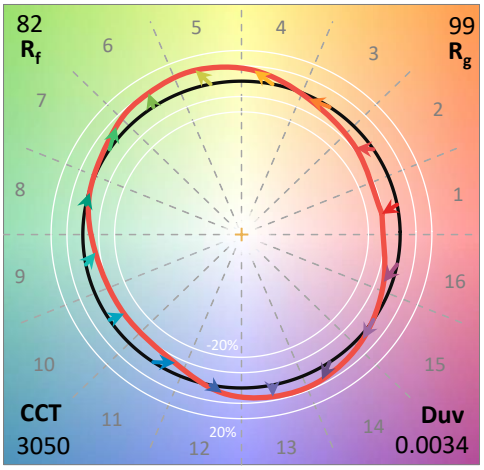
Test Information

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

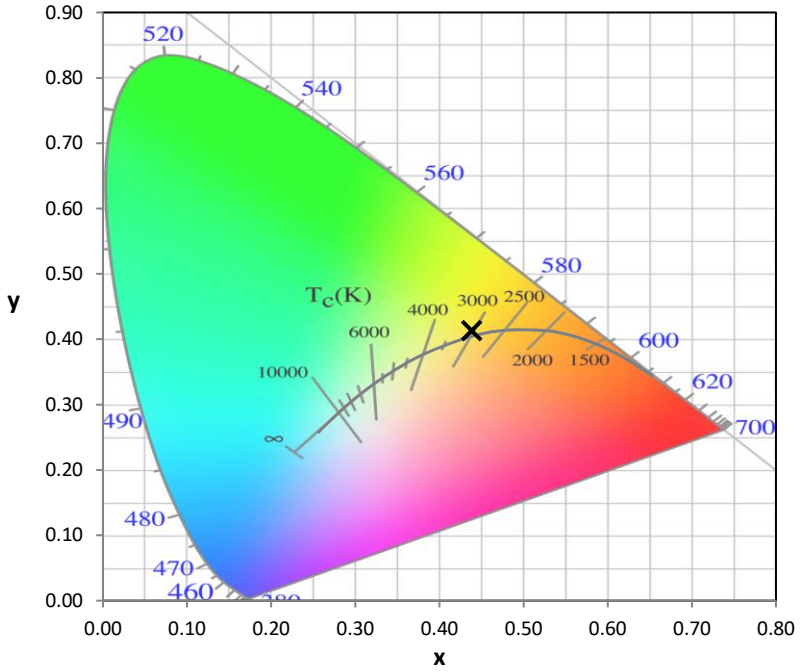
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

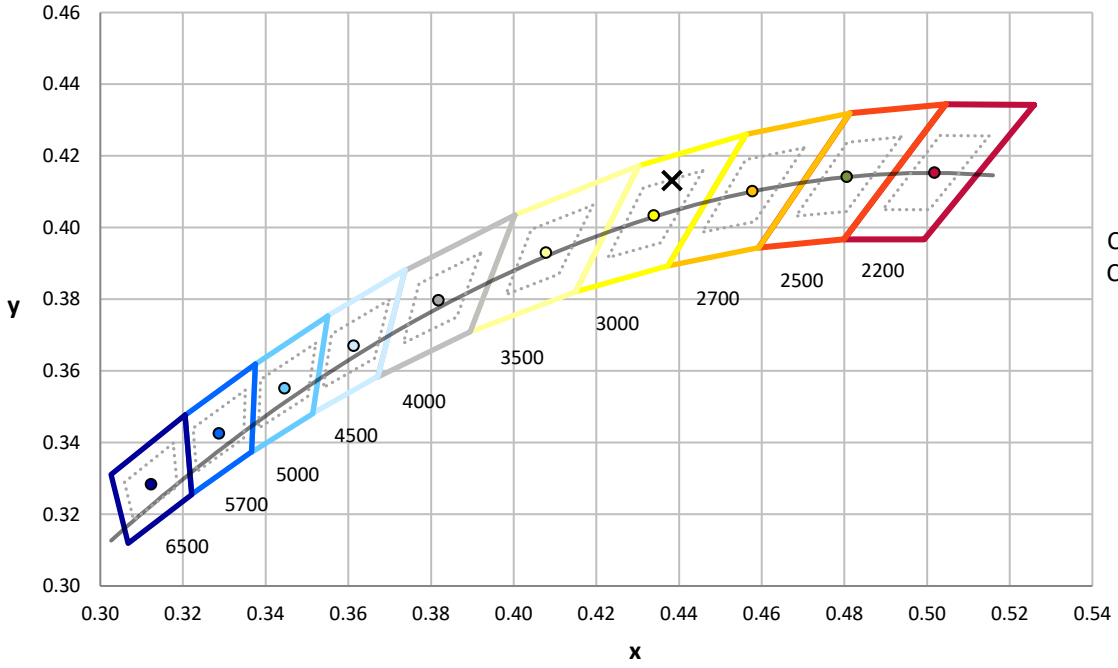
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

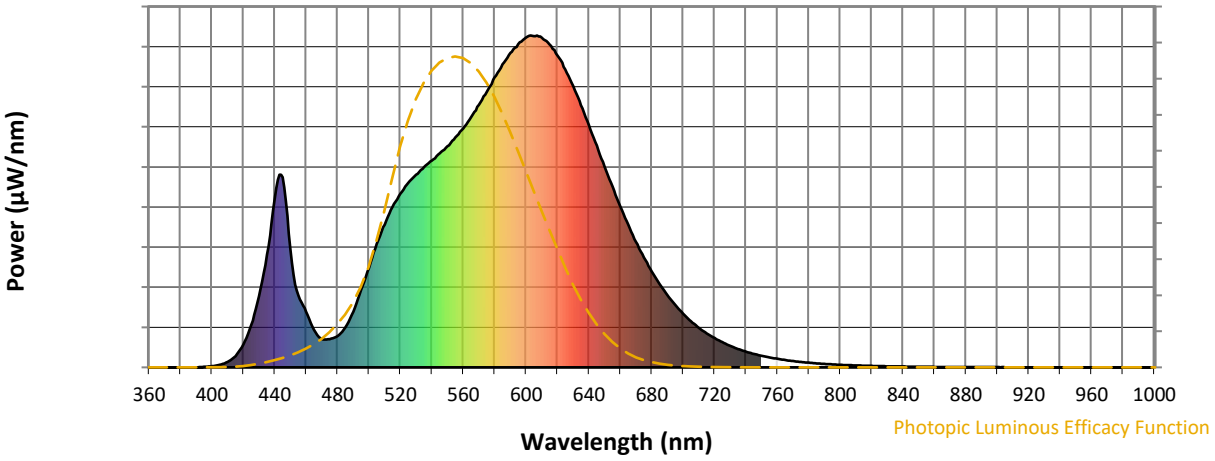


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

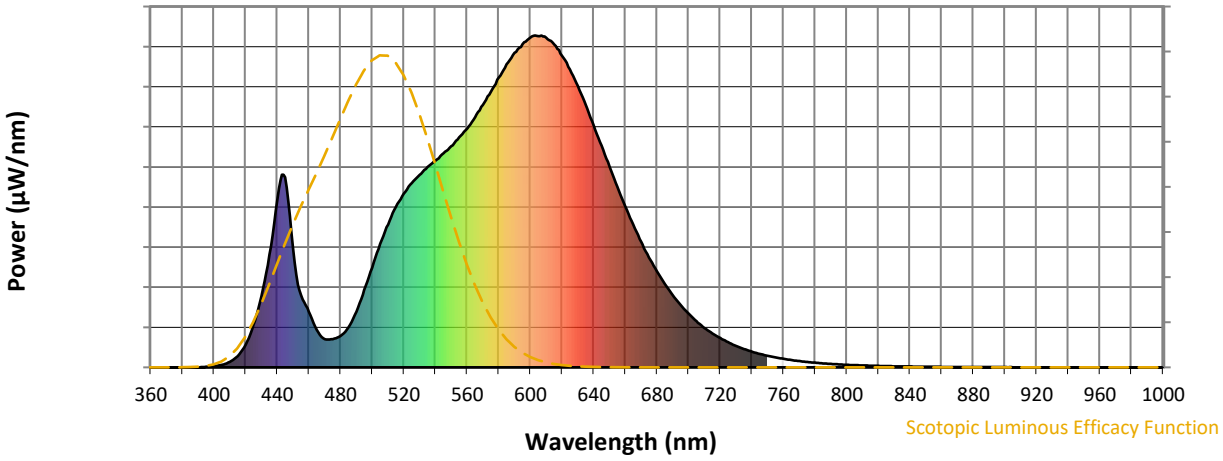


Photopic Lumens: NR

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

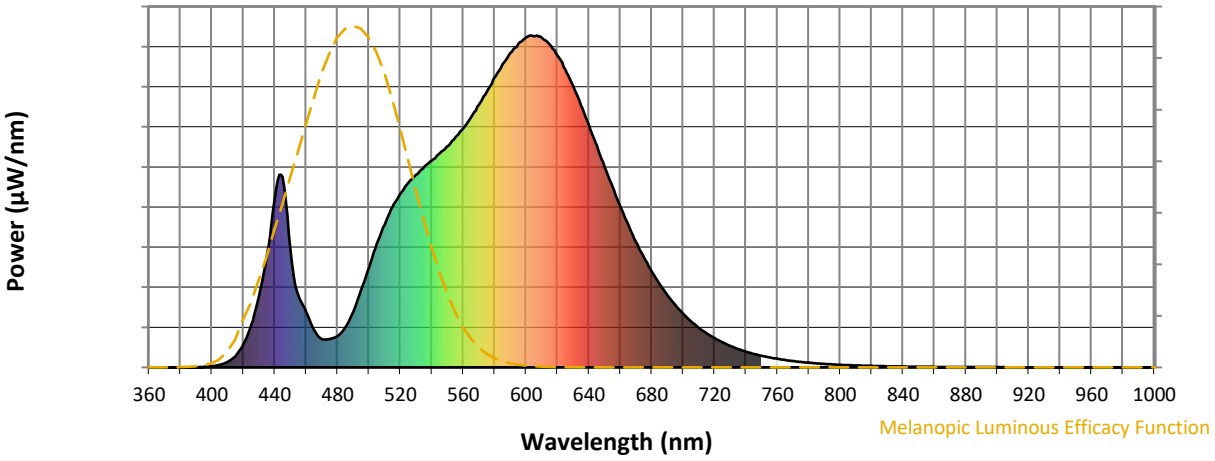


Scotopic Lumens: NR **S/P: 1.27**

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			

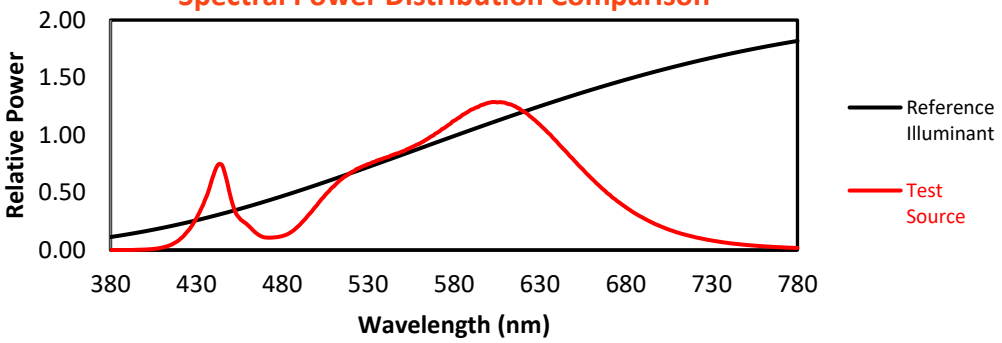
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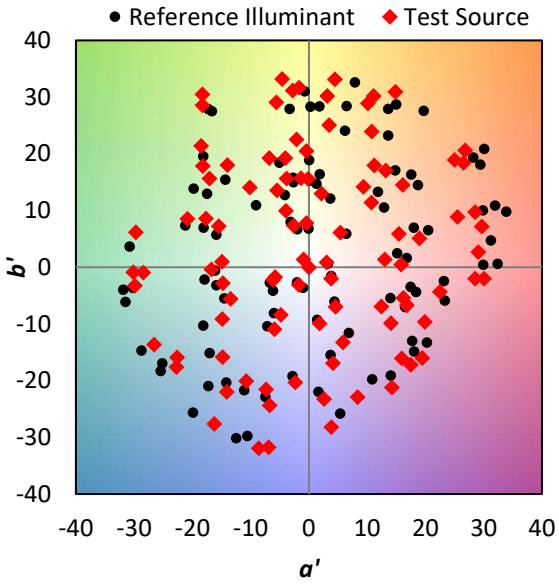
Summary

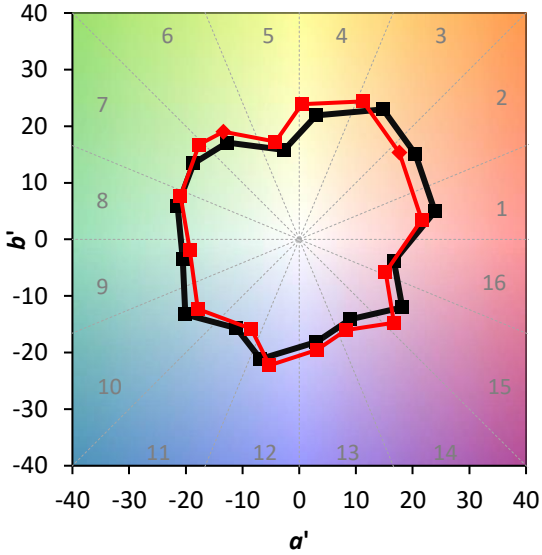
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

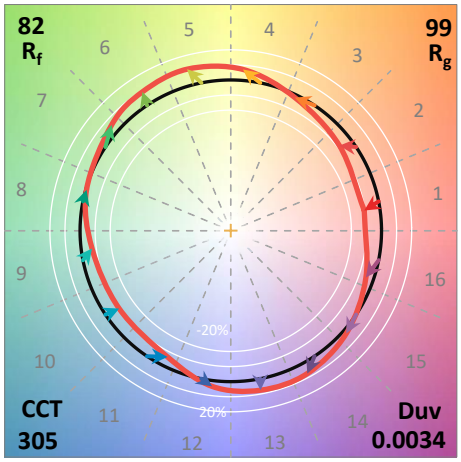
Spectral Power Distribution Comparison

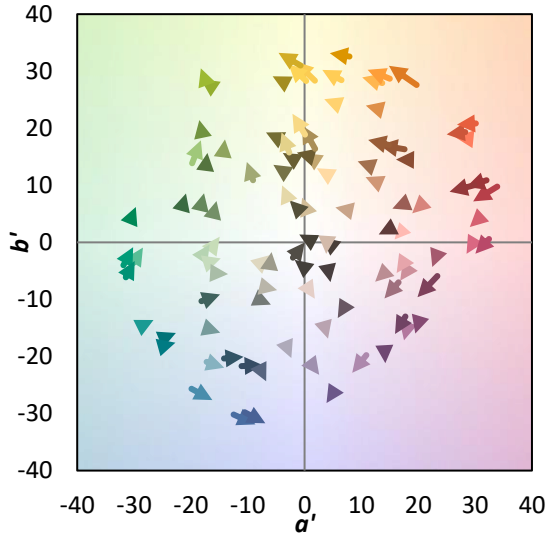


Color Vector Graphics







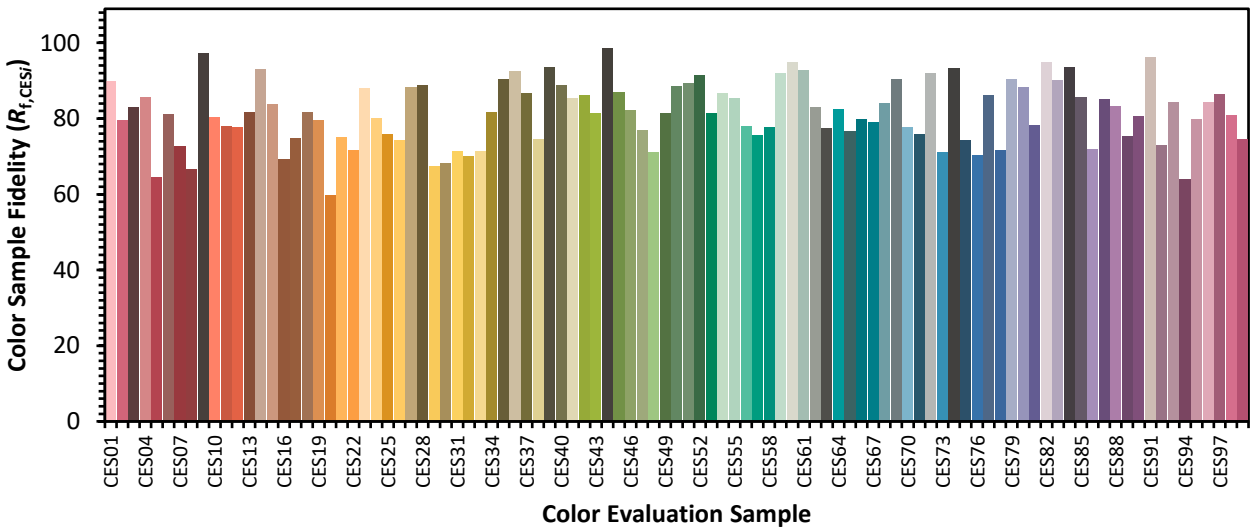


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Individual Sample Fidelity Index ($R_{f,i}$)

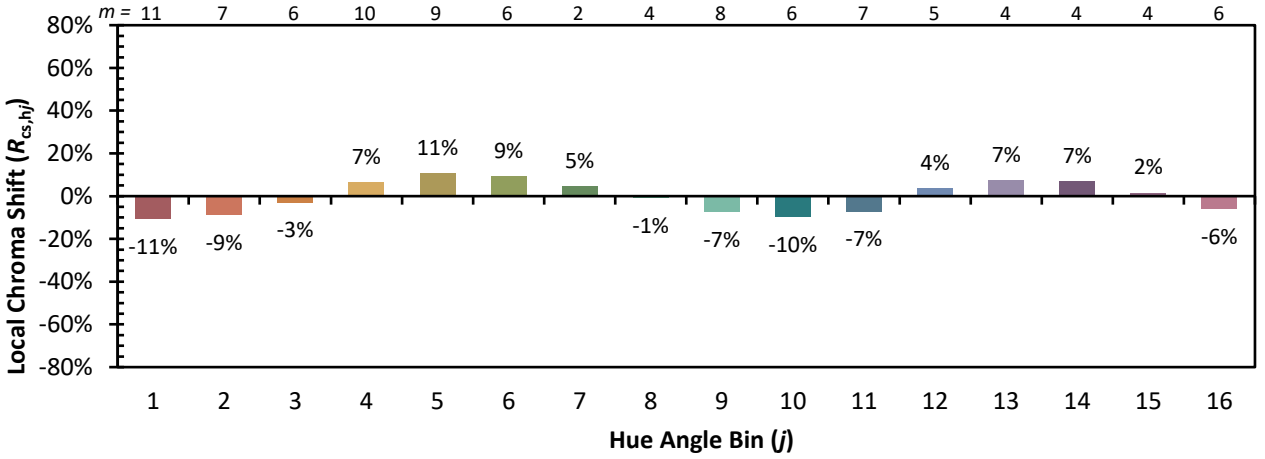
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

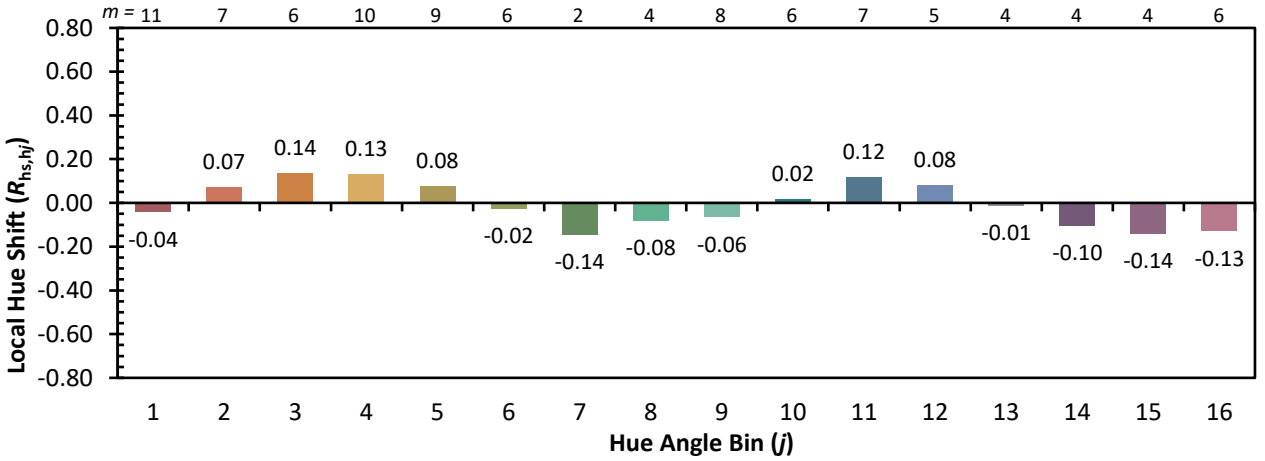


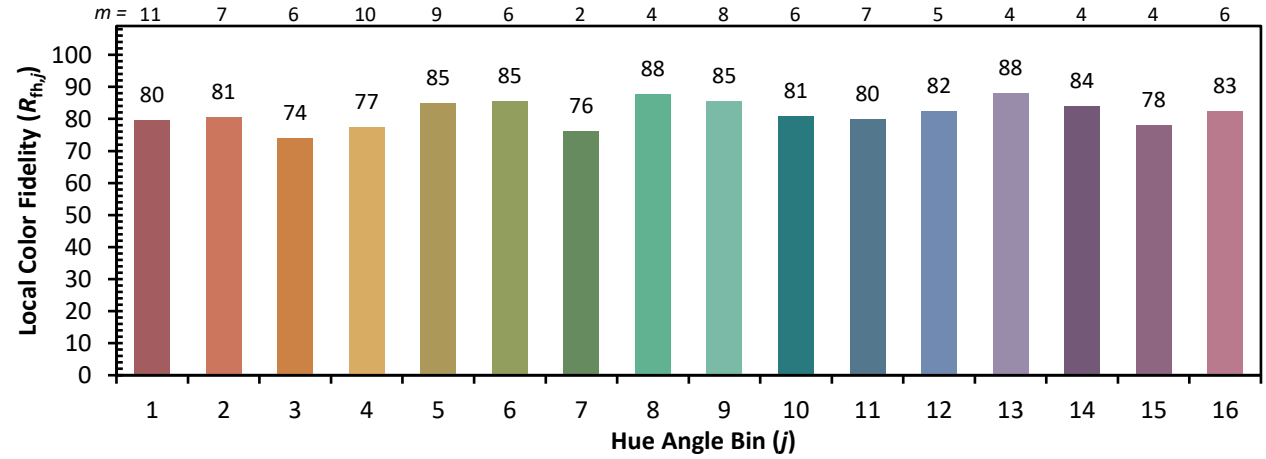
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Color Rendition by Hue-Angle Bin



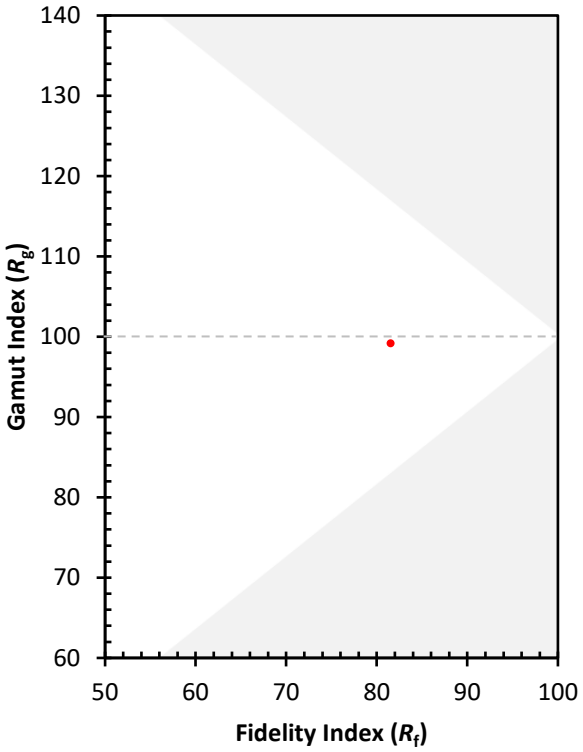


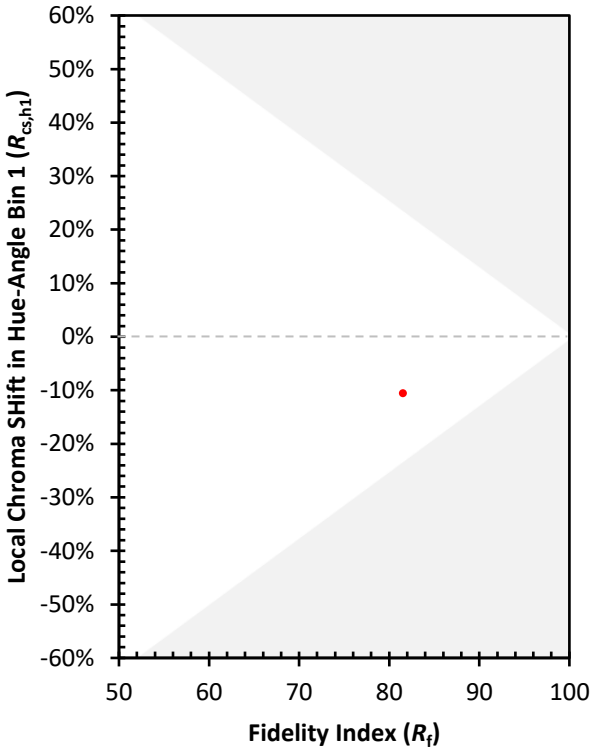


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Measure Comparisons





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