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: P1201242

Luminaire Tested: GWC-SB1A-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:	P1201242
	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-SB1A-830-U-SL4-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 350mA 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:	2829 lumens
Efficiency:	N/A
Efficacy:	91.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

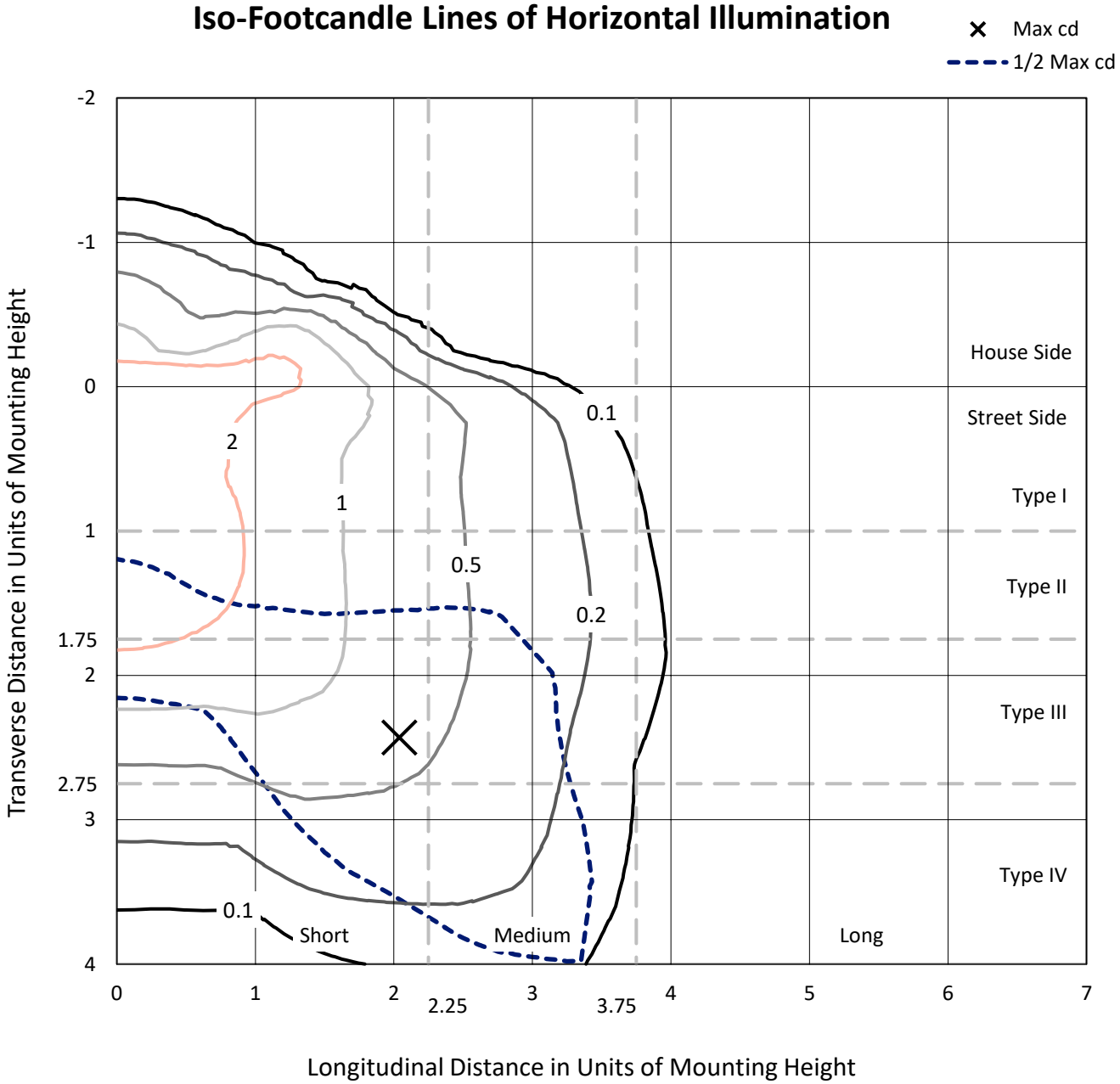


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Scaled Data Report

REPORT NUMBER: P1201242
CATALOG NUMBER: GWC-SB1A-830-U-SL4-HSS

Iso-Footcandle Lines of Horizontal Illumination



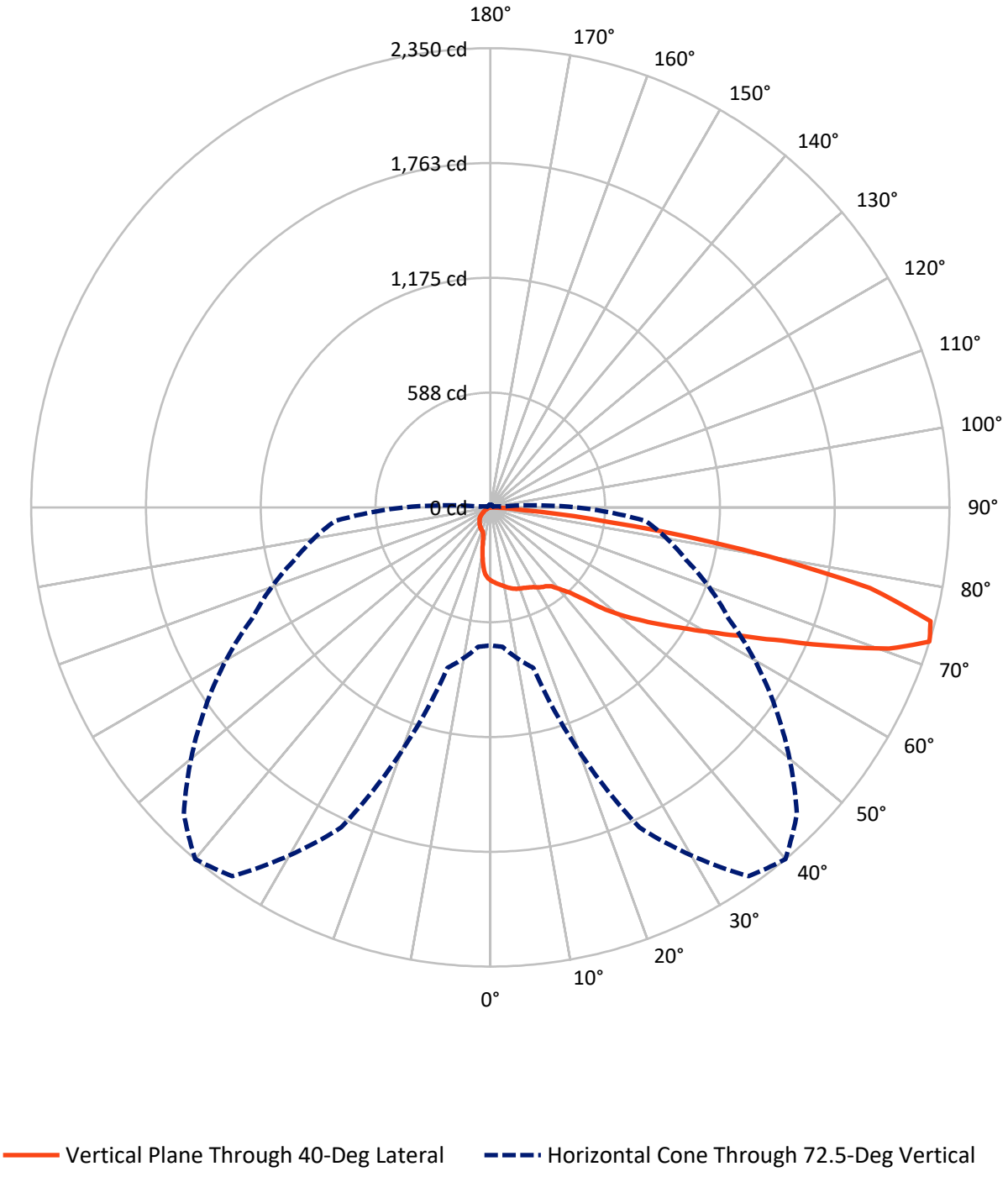
Based on 10 foot mounting height. Maximum calculated value = 7.3 fc
Type IV - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1201242
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Luminous Intensity Polar Plot



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Scaled Data Report

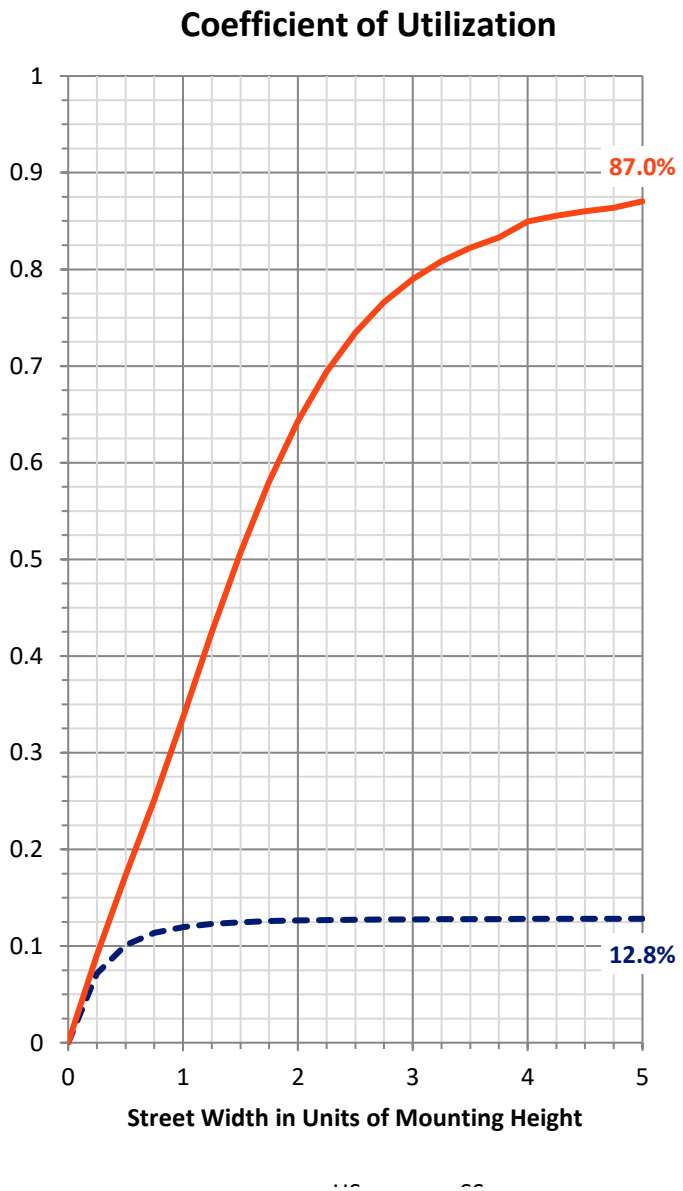
REPORT NUMBER: P1201242
CATALOG NUMBER: GWC-SB1A-830-U-SL4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	365.3	0.0	365.3
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	2463.7	0.0	2463.7
	% Fixture	87.1	0.0	87.1
Total	Lumens	2829.0	0.0	2829.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.2	1.2
10°-20°	92.9	3.3
20°-30°	150.3	5.3
30°-40°	221.9	7.8
40°-50°	373.5	13.2
50°-60°	580.0	20.5
60°-70°	725.7	25.7
70°-80°	594.1	21.0
80°-90°	56.3	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°	2829.0	100.0
0°-180°	2829.0	100.0



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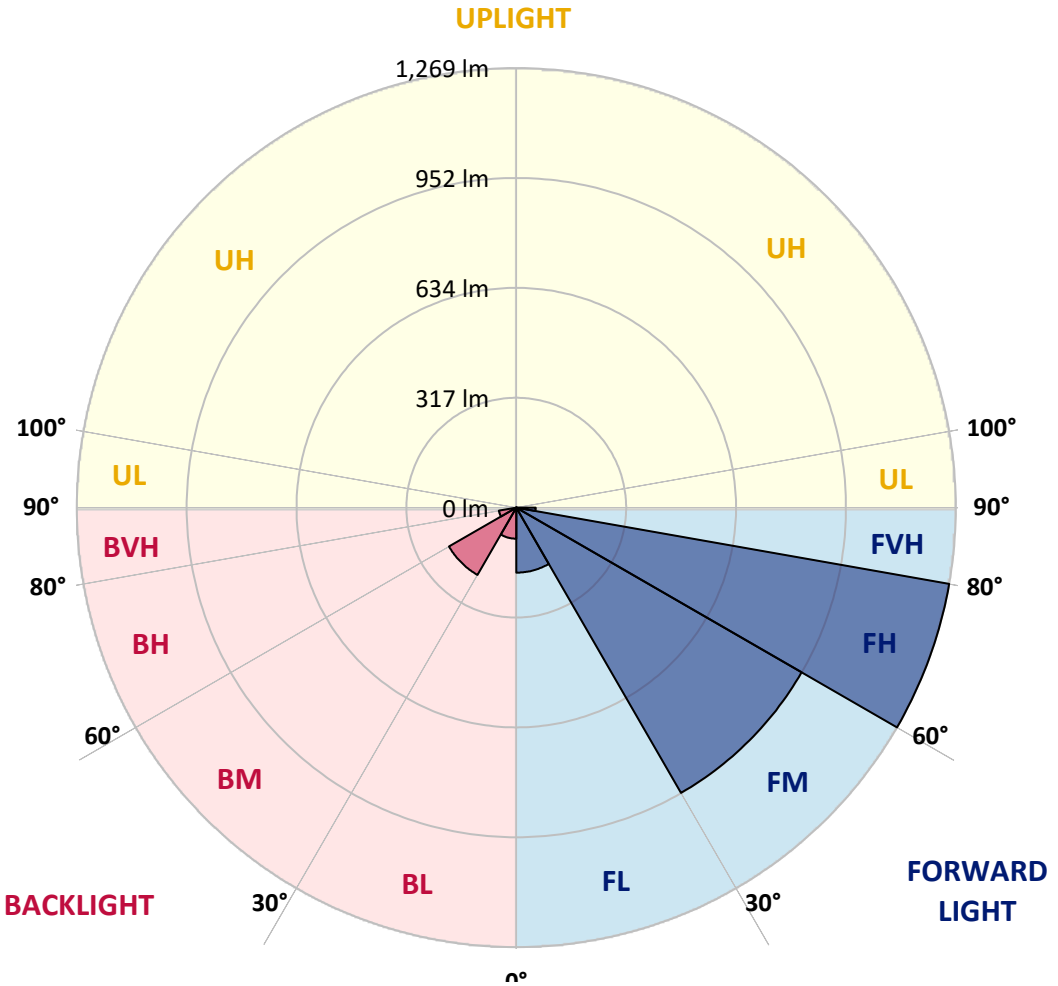
Scaled Data Report

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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°)	187.8	6.6			
FM	(30°-60°)	951.1	33.6			
FH	(60°-80°)	1268.9	44.9			G1/1800
FVH	(80°-90°)	55.9	2.0			G1/100
BL	(0°-30°)	89.7	3.2	B0/110		
BM	(30°-60°)	224.3	7.9	B1/1000		
BH	(60°-80°)	50.9	1.8	B0/110		G0/110
BVH	(80°-90°)	0.4	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	374.6	374.6	374.6	374.6	374.6	*374.6*	374.6	374.6	374.6	374.6	374.6
2.5°	385.9	387.4	386.5	384.8	384.4	*383.5*	382.5	382.0	380.5	379.3	377.8
5°	396.7	398.2	397.2	394.8	393.8	*392.7*	391.2	389.9	386.9	384.2	380.8
7.5°	408.7	410.0	408.7	405.3	403.6	*402.3*	400.2	398.2	394.8	390.8	386.5
10°	421.9	423.0	421.0	416.6	413.8	*411.9*	410.0	407.8	404.6	400.2	395.0
12.5°	434.2	435.5	432.5	427.2	424.0	*422.1*	420.0	418.3	415.1	410.8	405.5
15°	445.5	447.5	442.3	436.6	433.0	*431.5*	429.3	428.3	426.1	423.2	418.3
17.5°	454.1	455.3	450.0	443.2	439.1	*438.1*	436.6	437.2	436.8	435.3	432.1
20°	461.3	462.2	455.1	446.8	442.3	*442.6*	442.1	444.3	445.1	445.1	444.9
22.5°	470.3	470.5	461.5	451.1	445.7	*447.2*	447.9	450.2	451.9	453.6	457.5
25°	482.0	481.5	470.9	456.6	451.9	*454.1*	455.6	456.4	458.3	461.1	469.8
27.5°	499.4	498.2	484.5	465.6	460.0	*461.9*	464.7	464.3	463.4	465.6	480.3
30°	521.6	519.9	501.8	478.1	473.0	*474.7*	475.6	471.7	465.6	467.5	489.4
32.5°	556.8	553.8	528.6	492.2	484.3	*486.2*	485.2	477.3	468.1	470.0	498.6
35°	617.9	610.7	575.1	521.6	497.1	*495.0*	492.4	484.7	473.4	471.5	506.3
37.5°	747.9	735.1	674.4	578.9	526.1	*512.2*	504.3	496.7	479.2	471.5	515.0
40°	894.5	881.5	811.4	674.8	574.2	*550.8*	532.0	510.7	485.2	474.3	528.6
42.5°	1047.5	1033.2	961.2	793.7	643.1	*594.9*	560.0	522.0	495.0	482.8	546.7
45°	1218.4	1200.5	1106.3	917.7	743.0	*668.2*	604.9	545.3	512.0	498.0	571.5
47.5°	1398.6	1375.4	1251.0	1038.1	850.6	*769.6*	687.2	586.8	537.2	520.5	604.9
50°	1558.4	1535.4	1400.3	1164.0	951.2	*866.1*	780.9	644.3	574.9	552.5	649.9
52.5°	1673.3	1655.8	1536.3	1294.0	1055.8	*956.7*	865.9	711.2	622.6	593.4	702.9
55°	1750.2	1734.2	1632.6	1417.1	1177.4	*1056.4*	949.7	783.9	680.1	642.4	761.5
57.5°	1796.8	1787.7	1702.2	1527.1	1298.0	*1165.5*	1045.5	863.8	747.9	700.2	826.9
60°	1813.5	1806.0	1745.5	1631.9	1443.8	*1296.5*	1158.3	953.9	830.1	765.8	894.1
62.5°	1769.1	1770.6	1776.6	1756.1	1597.4	*1450.0*	1293.4	1062.2	921.3	840.1	957.1
65°	1560.5	1572.9	1686.3	1893.8	1800.9	*1642.2*	1465.3	1194.3	1025.7	924.7	1007.2
67.5°	1292.1	1310.0	1451.0	1974.3	2017.8	*1891.7*	1704.8	1362.6	1150.2	1010.8	1026.2
70°	989.1	1008.3	1179.1	1957.5	2220.9	*2164.4*	2001.0	1576.7	1279.1	1070.5	977.8
72.5°	*705.9*	*715.7*	*850.4*	*1807.7*	*2304.2*	*2350.2*	*2219.2*	*1779.6*	*1344.9*	*1037.5*	*797.5*
75°	496.0	494.3	583.6	1455.7	2174.4	*2327.6*	2142.7	1669.9	1217.1	824.2	491.8
77.5°	216.1	216.5	291.5	884.0	1735.5	*1988.0*	1781.1	1046.0	848.5	436.8	207.5
80°	56.0	57.7	107.0	352.0	1044.9	*1312.1*	1086.2	459.8	392.1	106.5	39.6
82.5°	19.8	21.1	49.2	110.6	385.4	*601.7*	483.7	147.0	102.3	30.5	10.7
85°	5.8	6.8	26.4	33.9	79.7	*170.0*	117.4	28.6	25.1	15.8	2.8
87.5°	0.0	0.9	5.3	4.7	4.7	*3.2*	6.0	3.2	4.0	1.9	0.9
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: P1201242
CATALOG NUMBER: GWC-SB1A-830-U-SL4-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	374.6	374.6	374.6	374.6	374.6	374.6	374.6	374.6	374.6	374.6	374.6
2.5°	376.5	375.0	371.8	368.4	365.2	362.2	361.4	358.2	356.7	356.9	356.7
5°	378.4	375.6	369.5	362.0	354.3	345.6	338.4	328.1	319.4	318.3	317.7
7.5°	383.5	379.1	369.0	354.6	335.4	311.3	288.9	266.8	254.2	247.4	247.0
10°	391.4	385.4	370.1	342.4	301.7	258.7	224.8	196.9	182.6	176.0	174.7
12.5°	400.8	394.2	371.8	321.7	258.2	201.8	165.1	148.1	145.1	144.7	144.5
15°	414.0	406.8	373.7	293.8	211.2	153.6	136.8	137.0	139.3	140.6	140.4
17.5°	428.7	421.5	371.0	259.7	164.7	131.3	130.8	132.7	136.2	137.4	137.2
20°	443.6	436.8	361.2	219.7	133.2	125.1	126.8	128.9	132.3	134.0	134.0
22.5°	459.0	453.0	345.6	177.1	120.2	120.6	122.7	124.9	128.7	130.6	130.6
25°	475.4	470.3	324.9	141.9	114.6	115.9	118.7	121.2	125.3	127.6	127.6
27.5°	492.0	488.2	301.5	118.5	109.5	111.0	114.2	117.6	121.7	124.4	124.6
30°	510.1	508.0	282.7	109.7	104.6	105.9	109.5	113.4	117.8	121.2	121.7
32.5°	528.6	528.2	273.6	116.1	100.1	101.0	104.2	108.0	113.6	117.8	118.3
35°	547.0	547.8	268.3	134.2	98.7	96.3	98.4	101.8	108.5	113.8	114.6
37.5°	570.4	572.5	268.0	153.8	102.3	91.6	93.1	95.5	101.2	107.4	108.5
40°	605.3	616.6	281.7	170.7	108.7	87.4	87.8	88.2	91.2	96.3	98.0
42.5°	651.8	684.8	330.9	182.2	111.2	83.5	82.0	79.7	79.3	82.0	83.5
45°	709.5	767.3	417.4	188.6	108.7	79.3	75.2	69.0	66.7	68.6	68.6
47.5°	777.5	857.6	519.9	190.1	104.4	73.9	66.7	58.6	56.7	57.3	57.1
50°	843.8	925.4	610.0	177.7	97.4	67.1	57.3	50.5	49.2	49.4	49.4
52.5°	902.4	948.6	635.6	148.5	88.0	58.8	49.2	44.5	43.7	43.7	43.5
55°	941.1	923.5	566.8	113.6	76.3	50.3	42.2	39.8	39.4	39.2	38.8
57.5°	949.2	841.6	428.1	82.0	59.7	42.4	37.5	36.2	35.4	34.5	34.1
60°	920.3	705.3	272.5	57.3	44.7	36.2	33.2	32.4	30.7	29.0	28.3
62.5°	857.6	532.7	150.9	39.8	36.0	30.9	29.4	28.3	25.1	22.4	21.5
65°	773.5	354.1	66.7	31.1	29.4	26.0	25.1	23.7	19.8	16.6	16.0
67.5°	688.9	203.9	30.0	24.9	23.7	21.3	20.7	19.6	16.8	13.8	13.4
70°	592.3	103.3	20.7	19.8	18.3	16.2	16.8	16.6	13.8	11.3	10.9
72.5°	*441.1*	*51.4*	*15.6*	*14.9*	*13.2*	*11.5*	*13.8*	*13.6*	*10.9*	*8.5*	*8.1*
75°	249.7	25.4	11.3	10.4	7.9	8.5	11.1	10.4	7.5	5.5	5.1
77.5°	99.1	13.0	7.5	6.4	4.7	5.8	8.1	7.0	3.8	2.3	2.1
80°	22.8	6.4	3.8	2.8	2.1	3.4	4.3	2.6	1.1	0.2	0.0
82.5°	6.4	2.8	1.3	1.1	1.1	1.3	1.1	0.4	0.0	0.0	0.0
85°	2.1	1.3	0.4	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
87.5°	0.9	0.4	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

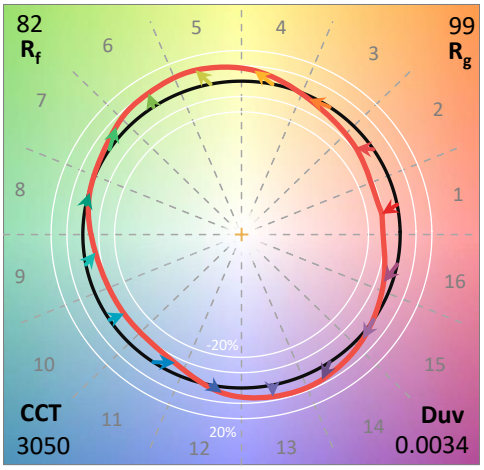
Test Information

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

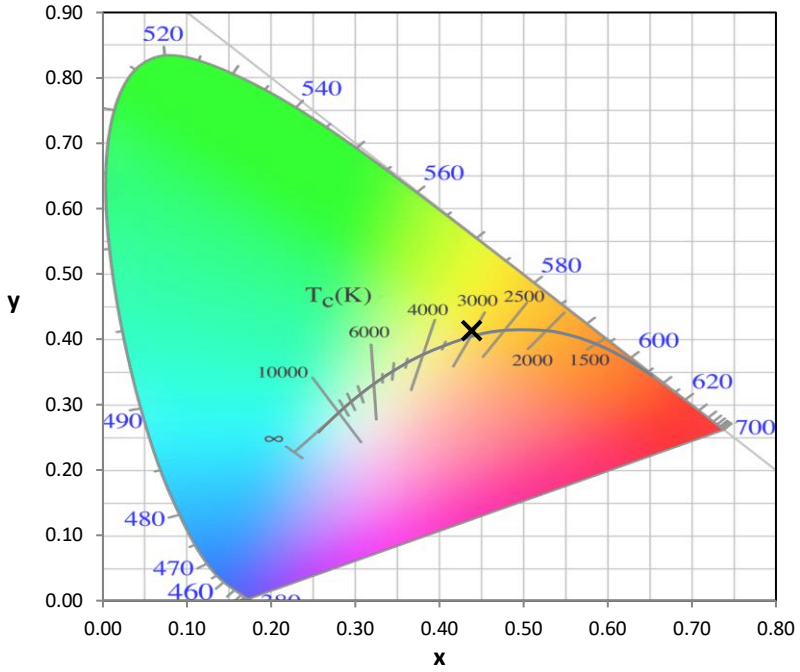
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

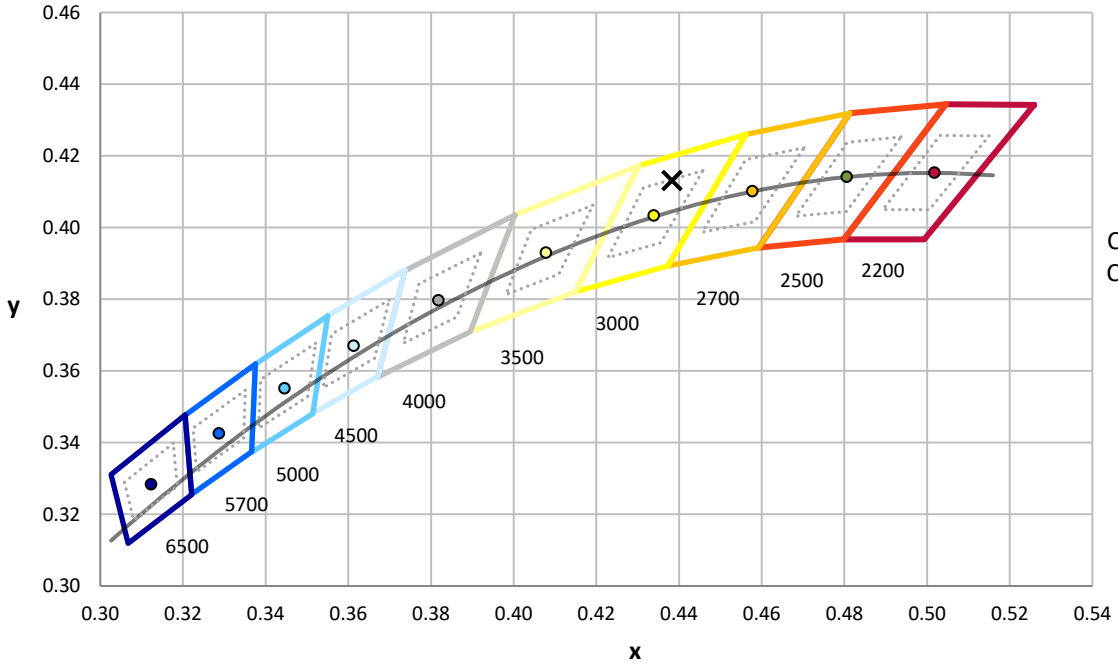
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

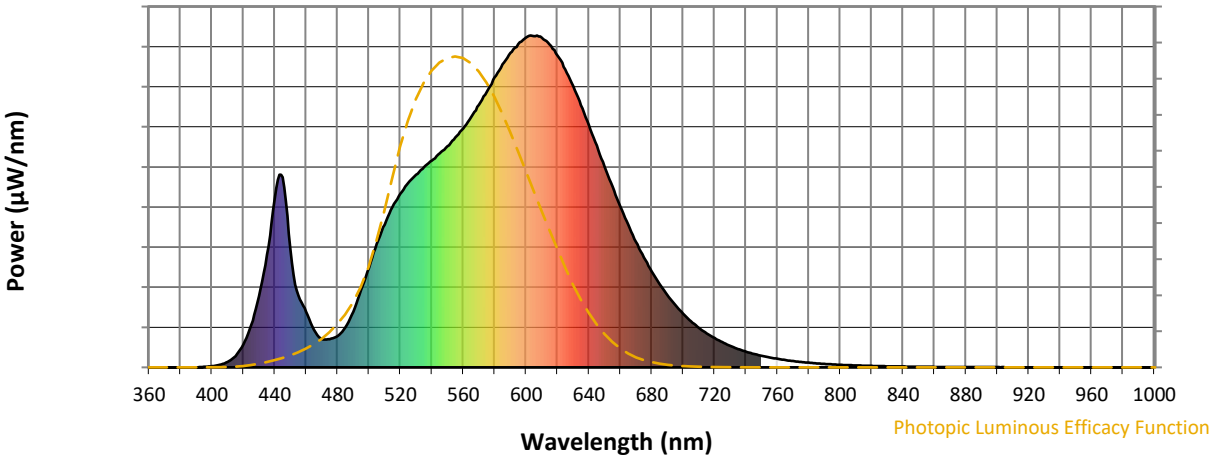


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

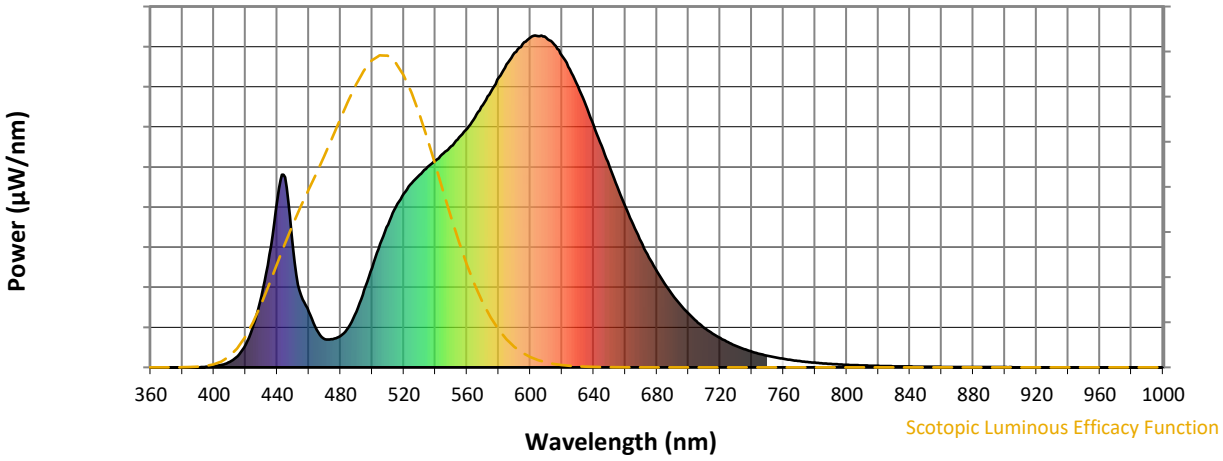


Photopic Lumens: NR

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

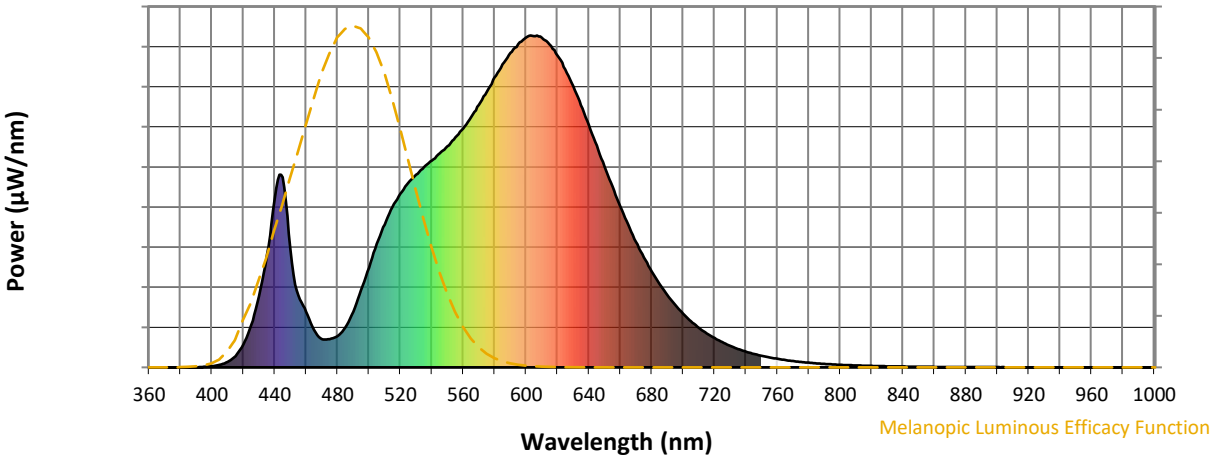


Scotopic Lumens: NR **S/P: 1.27**

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			

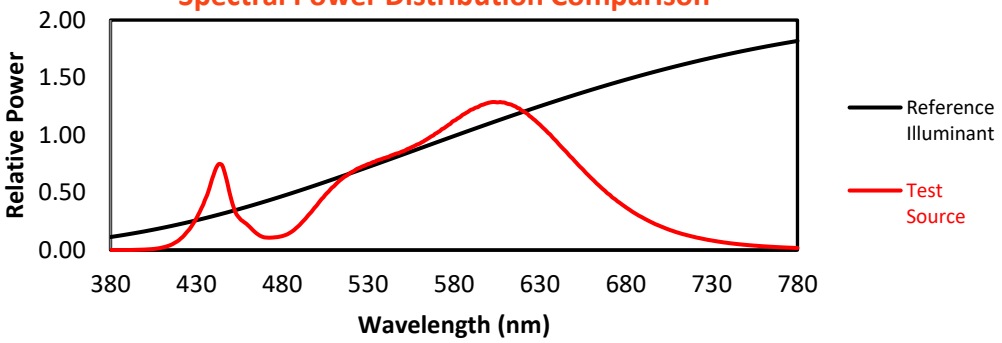
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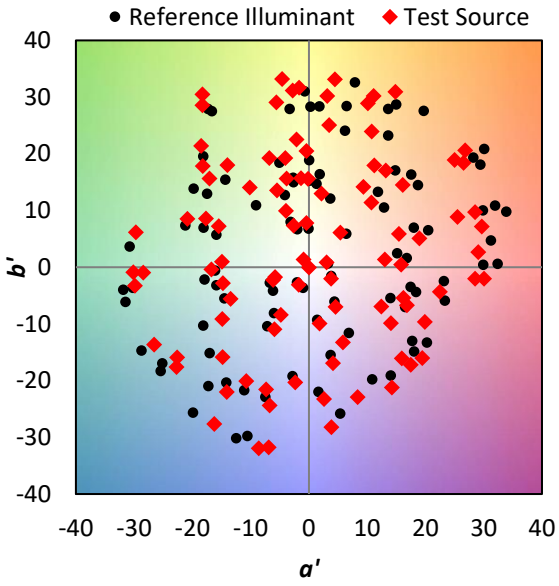
Summary

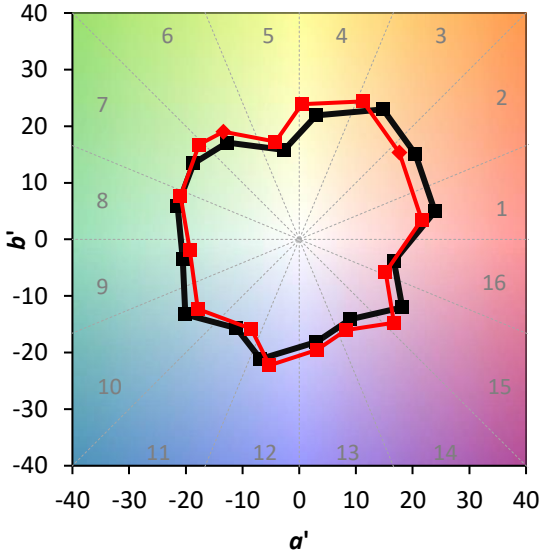
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

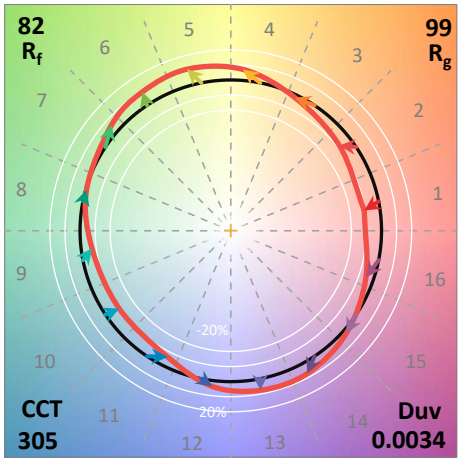
Spectral Power Distribution Comparison

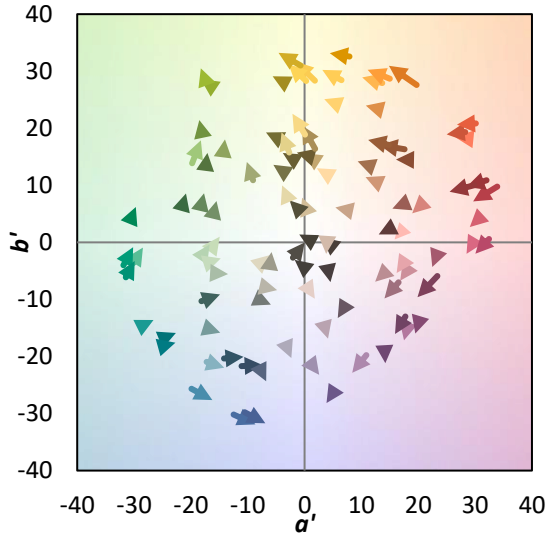


Color Vector Graphics







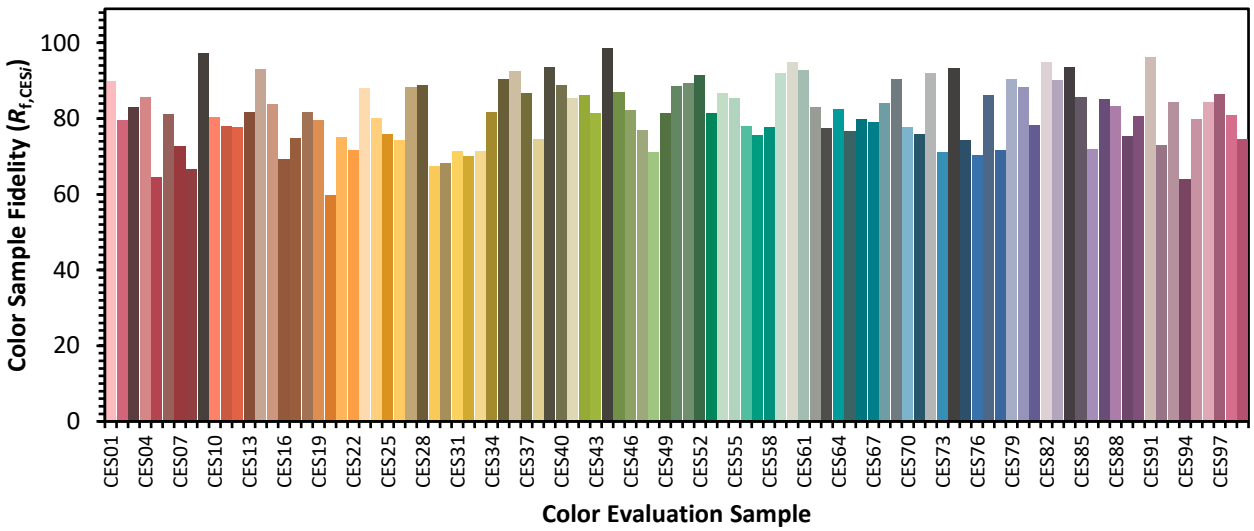


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Individual Sample Fidelity Index ($R_{f,i}$)

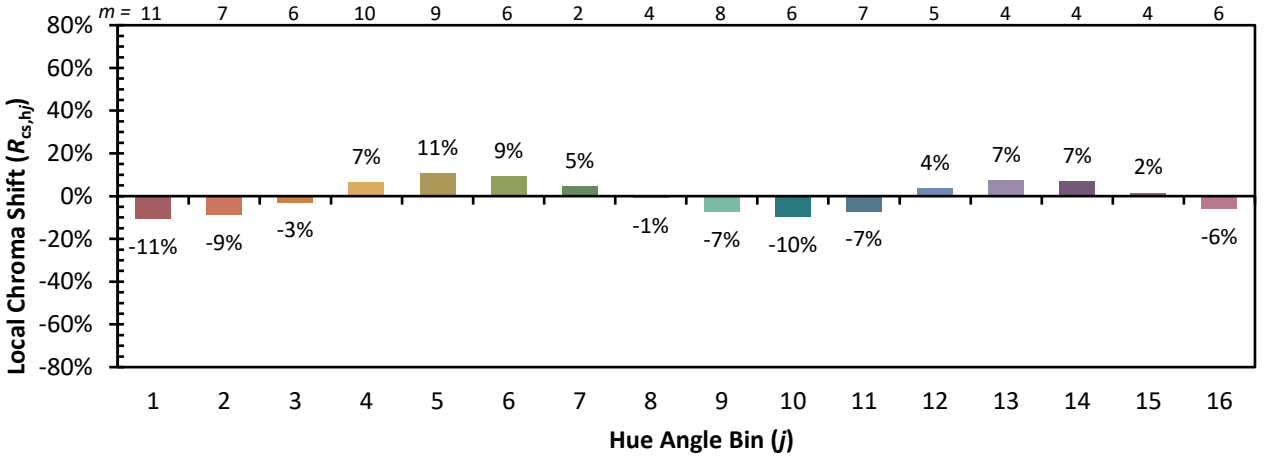
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

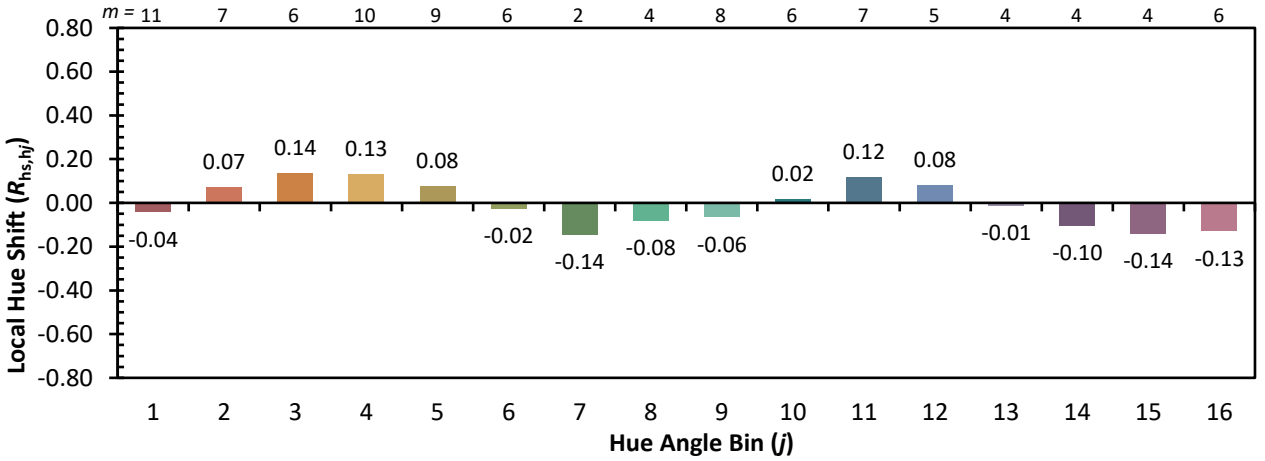


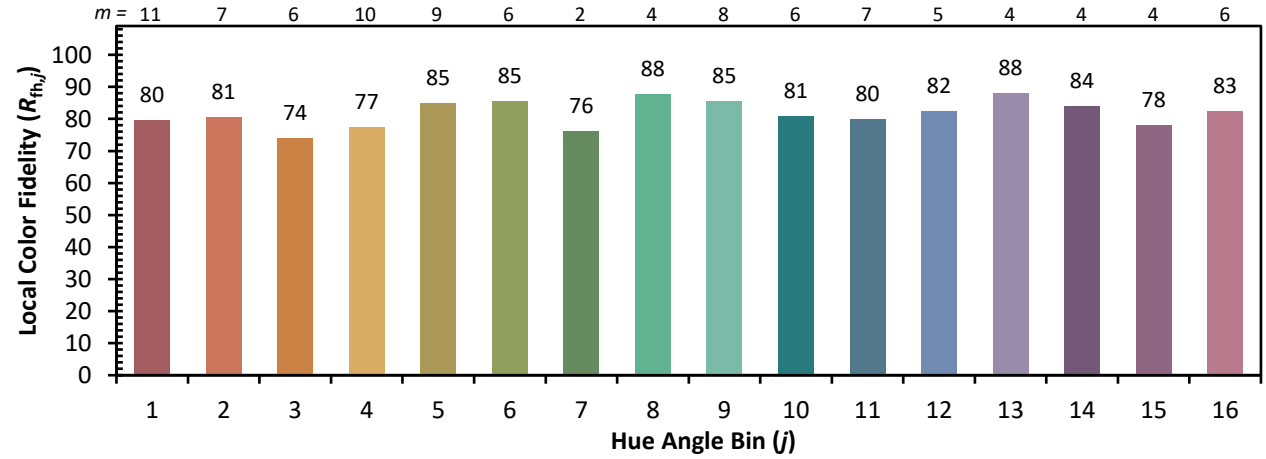
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Color Rendition by Hue-Angle Bin



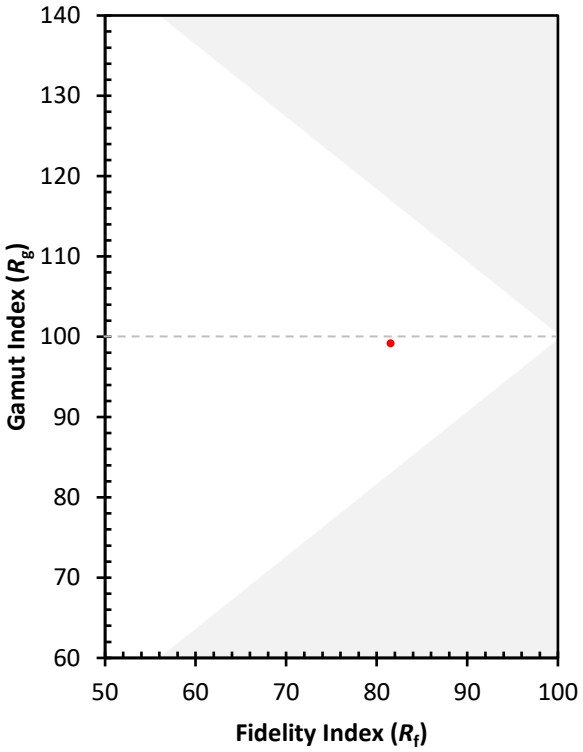


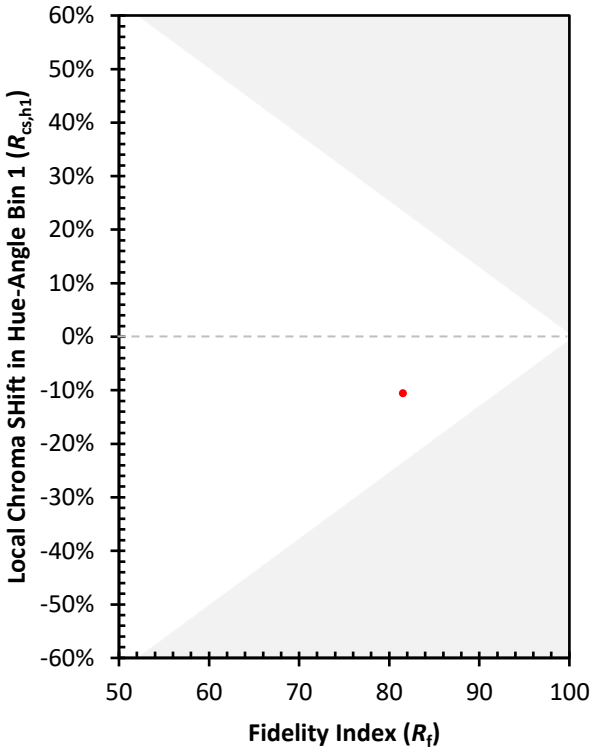


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Measure Comparisons





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