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: P1201614

Luminaire Tested: GWC-SB1B-830-U-SL3-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:	P1201614
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-830-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4096 lumens
Efficiency:	N/A
Efficacy:	102.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
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

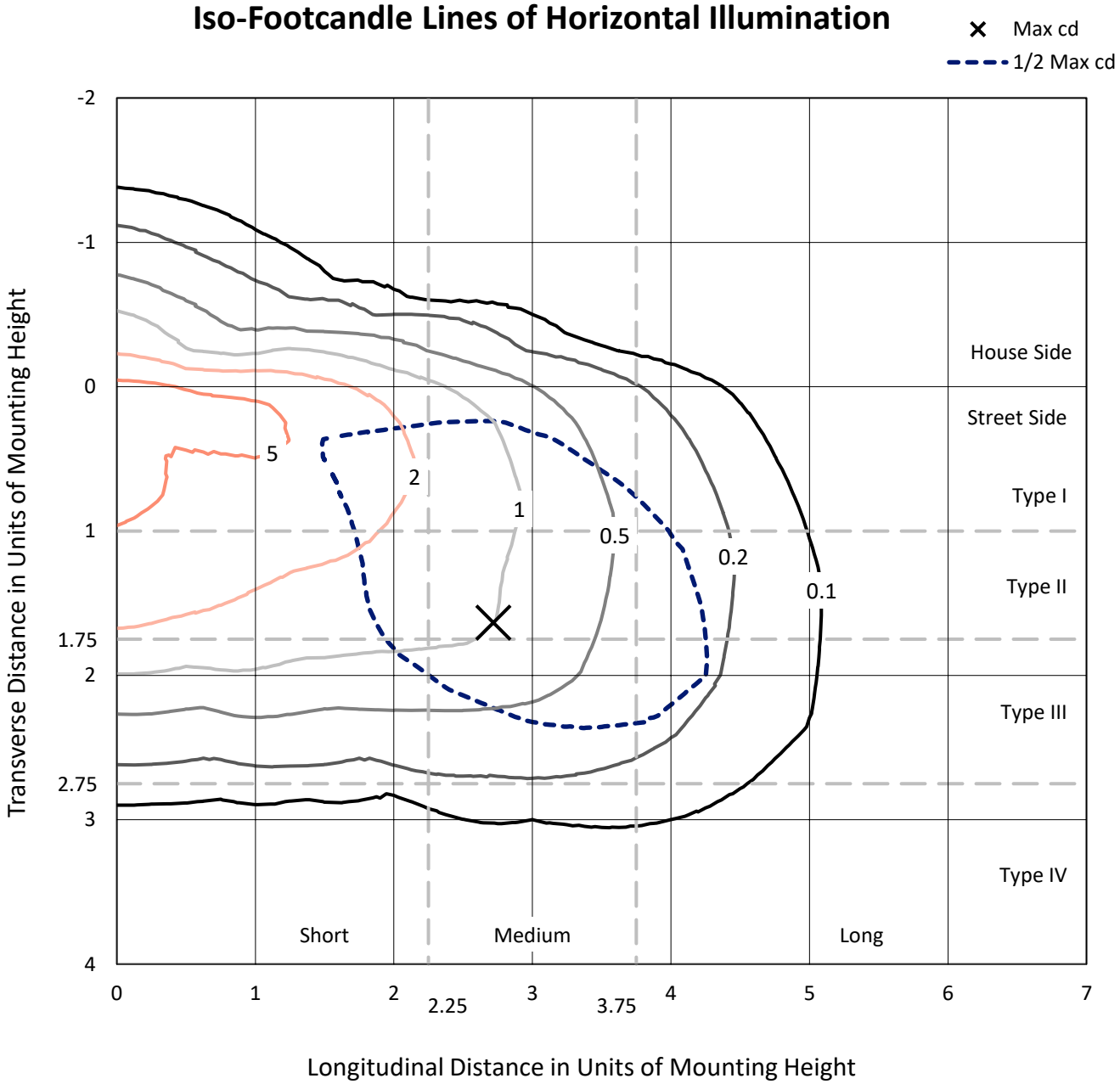


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Scaled Data Report

REPORT NUMBER: P1201614
CATALOG NUMBER: GWC-SB1B-830-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



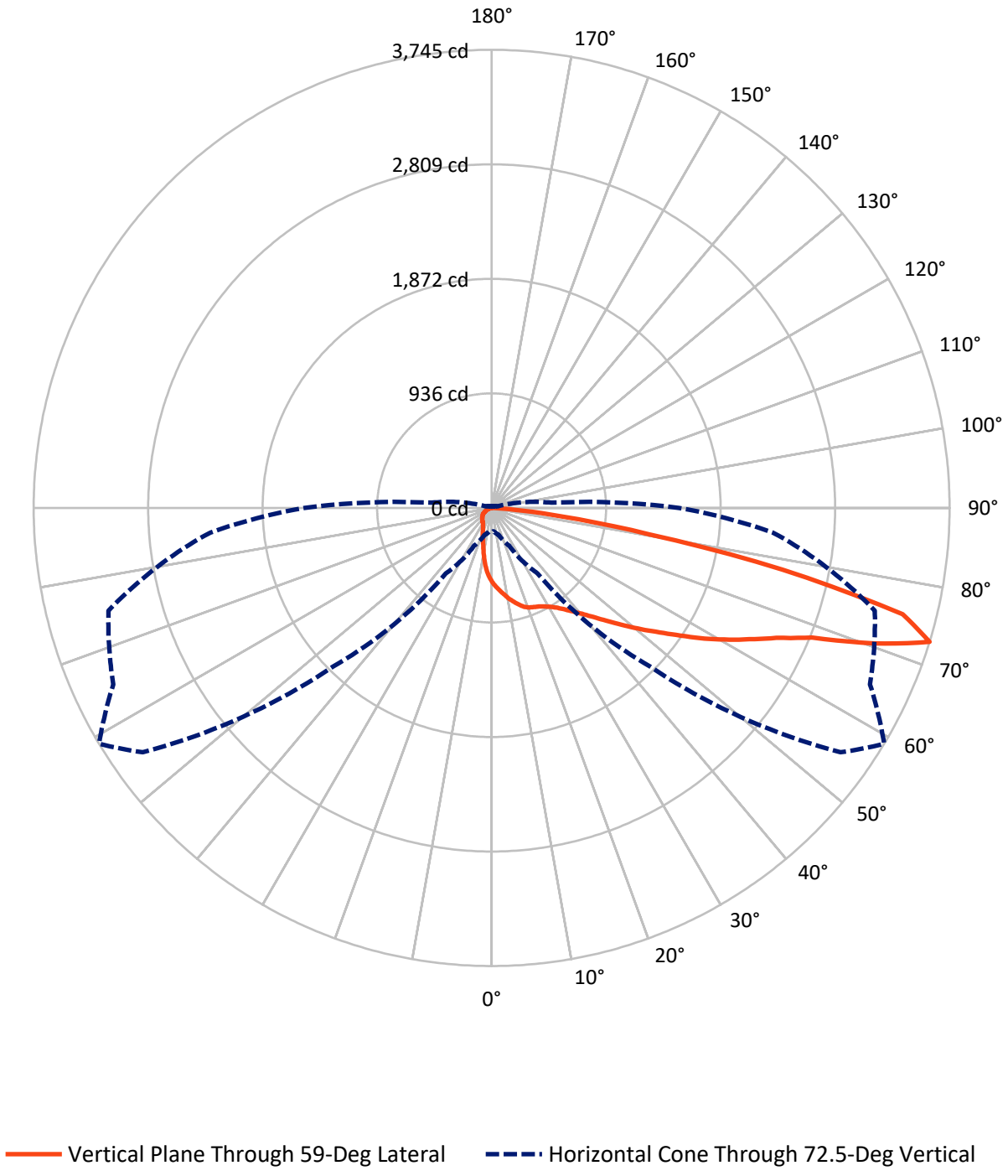
Based on 10 foot mounting height. Maximum calculated value = 10.2 fc
Type III - Medium - N/A

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REPORT NUMBER: P1201614
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Luminous Intensity Polar Plot



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Scaled Data Report

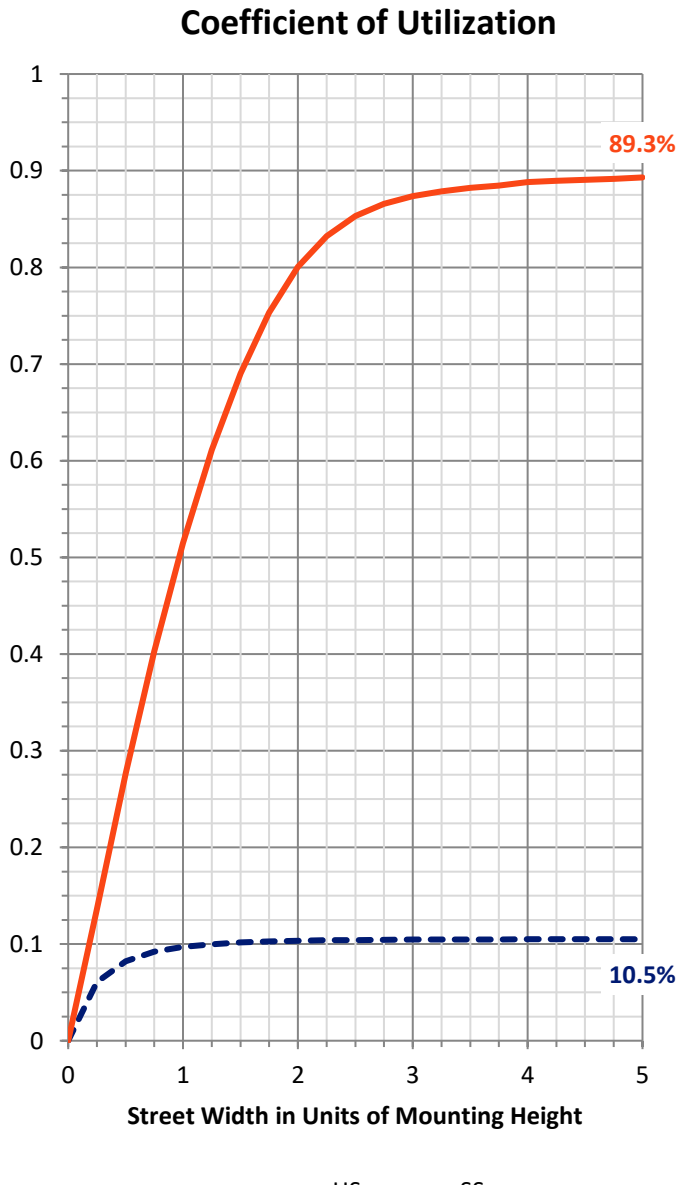
REPORT NUMBER: P1201614
CATALOG NUMBER: GWC-SB1B-830-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	432.6	0.0	432.6
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	3663.4	0.0	3663.4
	% Fixture	89.4	0.0	89.4
Total	Lumens	4096.0	0.0	4096.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.8	1.3
10°-20°	145.6	3.6
20°-30°	230.7	5.6
30°-40°	370.2	9.0
40°-50°	591.3	14.4
50°-60°	856.1	20.9
60°-70°	1016.0	24.8
70°-80°	754.2	18.4
80°-90°	77.1	1.9
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°	4096.0	100.0
0°-180°	4096.0	100.0



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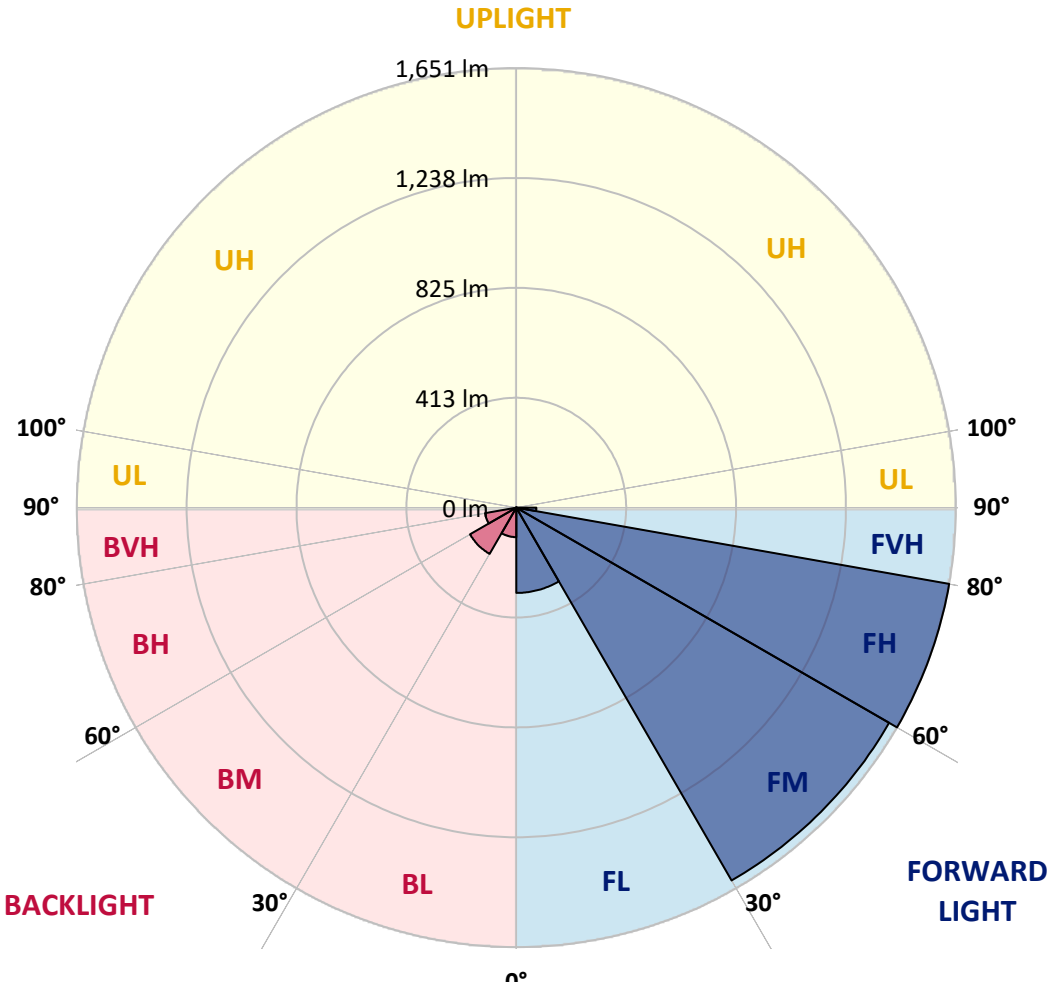
Scaled Data Report

REPORT NUMBER: P1201614
CATALOG NUMBER: GWC-SB1B-830-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	320.2	7.8			
FM	(30°-60°)	1617.0	39.5			
FH	(60°-80°)	1650.9	40.3			G1/1800
FVH	(80°-90°)	75.2	1.8			G1/100
BL	(0°-30°)	110.8	2.7	B1/500		
BM	(30°-60°)	200.6	4.9	B0/220		
BH	(60°-80°)	119.3	2.9	B1/500		G1/500
BVH	(80°-90°)	1.9	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 Medium



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Scaled Data Report

REPORT NUMBER: P1201614
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	605.7	605.7	605.7	605.7	605.7	605.7	605.7	*605.7*	605.7	605.7	605.7
2.5°	672.0	668.3	668.8	662.4	657.8	653.0	643.7	*642.3*	635.7	623.9	611.9
5°	730.6	728.2	726.0	718.8	709.5	697.7	681.9	*676.3*	664.0	643.7	620.1
7.5°	773.4	770.4	771.5	764.3	756.8	743.7	722.0	*711.6*	695.3	664.3	628.7
10°	781.7	780.1	787.0	789.7	789.7	781.4	760.3	*749.8*	726.0	686.5	637.5
12.5°	735.1	735.4	752.8	773.6	800.9	808.7	794.5	*783.3*	759.7	710.0	648.8
15°	680.8	681.1	698.0	724.7	769.4	814.0	825.3	*818.0*	793.7	735.4	661.9
17.5°	648.2	646.9	658.1	680.0	726.8	789.7	844.0	*848.8*	829.0	763.5	676.3
20°	643.7	641.3	647.2	658.1	691.5	759.2	846.1	*868.8*	865.4	795.3	692.9
22.5°	671.5	667.7	664.5	665.1	679.2	733.8	840.8	*880.1*	902.8	833.5	715.6
25°	726.6	720.7	710.3	696.9	693.9	728.4	837.0	*892.4*	937.6	882.5	745.6
27.5°	794.0	785.7	765.6	745.6	728.4	743.4	844.8	*911.9*	976.9	939.4	780.3
30°	868.0	857.9	837.8	799.8	772.6	776.8	863.2	*937.6*	1027.2	1003.9	823.9
32.5°	976.9	953.3	918.3	860.3	824.2	812.9	891.0	*970.2*	1089.5	1089.7	887.0
35°	1070.2	1057.1	1021.8	949.6	875.5	860.8	927.7	*1016.2*	1175.8	1203.4	975.3
37.5°	1131.4	1113.5	1082.5	1028.2	955.2	910.0	976.6	*1072.6*	1267.3	1332.8	1084.1
40°	1199.9	1182.3	1141.1	1090.0	1047.7	994.5	1038.4	*1137.6*	1367.6	1465.7	1208.5
42.5°	1282.5	1259.5	1210.9	1155.8	1111.7	1105.8	1119.1	*1218.6*	1470.5	1610.1	1337.9
45°	1379.6	1357.9	1302.1	1232.5	1193.8	1183.3	1220.8	*1313.0*	1585.3	1768.4	1468.7
47.5°	1470.5	1445.4	1385.2	1321.8	1278.8	1245.9	1328.8	*1424.5*	1715.2	1934.0	1592.2
50°	1547.8	1522.1	1467.1	1399.4	1370.2	1327.2	1435.0	*1548.9*	1844.1	2102.2	1705.1
52.5°	1600.8	1578.0	1513.3	1467.3	1447.5	1425.9	1559.3	*1680.7*	1972.5	2256.2	1816.6
55°	1588.7	1568.4	1511.4	1508.2	1506.9	1529.6	1708.0	*1830.2*	2103.2	2401.9	1927.5
57.5°	1550.5	1527.5	1456.4	1505.3	1552.6	1622.2	1869.0	*2007.0*	2246.6	2539.4	2034.5
60°	1437.9	1429.9	1386.6	1499.7	1571.9	1712.8	2053.0	*2184.5*	2401.7	2660.3	2129.4
62.5°	1199.6	1206.6	1206.3	1511.4	1606.6	1816.0	2220.1	*2364.2*	2553.3	2776.6	2214.0
65°	898.3	922.3	953.1	1405.5	1653.2	2000.3	2419.9	*2559.2*	2707.3	2911.9	2299.8
67.5°	603.6	622.8	643.7	1153.1	1514.7	2193.9	2751.7	*2826.3*	2891.9	3061.9	2396.3
70°	345.5	351.7	380.8	720.2	1167.5	2140.4	3292.2	*3319.2*	3167.0	3246.7	2466.7
72.5°	*193.6*	*191.5*	*230.0*	*341.8*	*652.5*	*1832.9*	*3481.5*	*3744.9*	*3413.3*	*3243.8*	*2309.7*
75°	129.4	129.7	158.3	215.5	254.3	1283.1	3000.2	*3472.4*	3265.7	2876.3	1887.2
77.5°	88.2	91.2	116.3	166.6	117.7	626.0	1984.8	*2432.4*	2644.0	2221.2	1302.9
80°	38.2	38.5	76.7	119.5	79.4	199.2	1029.0	*1303.1*	1658.3	1247.2	516.1
82.5°	19.8	22.5	48.9	77.3	50.0	69.8	486.2	*569.3*	695.8	366.1	105.9
85°	7.0	8.3	30.2	38.0	25.1	24.9	169.3	*172.5*	147.3	55.1	29.1
87.5°	0.0	1.3	11.8	9.4	3.2	2.9	20.1	*16.8*	13.4	7.8	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: P1201614
CATALOG NUMBER: GWC-SB1B-830-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	605.7	605.7	605.7	605.7	605.7	605.7	605.7	605.7	605.7	605.7	605.7
2.5°	606.2	599.0	587.2	572.8	556.0	546.9	533.8	525.7	518.5	518.8	524.7
5°	607.0	595.0	565.1	533.2	497.9	472.0	443.1	422.8	407.3	403.5	409.1
7.5°	609.4	589.1	540.2	487.2	428.4	384.8	345.0	319.8	305.7	301.9	305.7
10°	612.7	582.7	512.1	431.1	358.1	305.7	272.5	256.5	250.0	245.2	248.2
12.5°	615.3	576.0	476.8	373.0	295.5	254.6	229.4	216.1	210.5	207.0	208.9
15°	619.9	567.2	438.6	319.0	253.2	219.8	196.0	186.1	184.5	185.1	185.9
17.5°	624.4	558.6	395.8	276.8	222.2	189.3	174.9	173.3	175.4	177.6	178.4
20°	629.5	546.3	352.5	245.0	193.6	168.2	164.5	165.5	166.6	170.3	171.4
22.5°	637.0	530.8	314.5	217.9	169.8	158.0	156.2	157.0	157.8	161.5	162.6
25°	647.7	514.2	283.7	193.1	154.8	149.8	147.9	147.9	149.0	152.4	153.8
27.5°	658.9	490.7	258.9	170.1	146.0	140.7	137.5	137.5	138.8	142.8	144.4
30°	671.5	469.3	239.3	153.0	138.5	131.6	127.3	126.2	127.8	132.9	134.2
32.5°	694.2	455.4	225.4	144.9	131.8	123.3	117.4	114.5	116.1	121.9	123.5
35°	728.7	452.2	215.8	140.9	125.4	115.8	107.5	103.0	104.3	110.4	112.3
37.5°	769.1	458.9	206.4	135.6	119.3	108.6	97.6	91.7	93.9	99.5	101.1
40°	827.1	486.7	199.2	131.6	113.1	100.0	87.7	81.8	85.3	90.1	90.9
42.5°	897.2	536.2	197.4	127.8	105.6	90.9	78.6	74.3	77.0	81.6	82.4
45°	984.1	599.3	205.9	123.0	97.3	82.1	71.4	69.0	69.8	74.3	76.5
47.5°	1077.4	664.0	229.4	118.7	90.1	74.9	65.8	63.6	63.1	67.4	70.1
50°	1171.8	721.5	257.3	115.5	85.0	69.0	61.5	58.8	57.5	60.2	61.2
52.5°	1265.2	767.2	275.4	110.2	80.0	63.1	57.8	53.8	51.3	52.7	53.8
55°	1359.8	807.3	276.5	102.2	75.1	59.4	54.0	49.5	46.5	46.5	47.1
57.5°	1448.3	842.6	260.7	91.5	68.5	55.9	48.9	45.2	42.0	40.9	41.2
60°	1526.7	868.8	234.5	79.4	62.6	51.3	43.9	40.9	36.9	34.8	34.2
62.5°	1596.5	881.7	198.7	67.1	55.4	46.0	39.0	35.8	30.5	27.8	27.5
65°	1655.6	868.6	161.3	55.6	49.2	40.1	33.4	30.2	24.3	21.1	21.1
67.5°	1714.1	808.7	121.9	46.8	42.8	33.7	27.5	24.6	20.3	17.6	17.6
70°	1721.6	682.7	85.3	39.3	35.6	25.9	22.2	20.3	16.6	14.2	13.9
72.5°	*1532.6*	*491.2*	*51.9*	*32.1*	*27.8*	*18.5*	*17.6*	*16.0*	*12.3*	*10.7*	*10.4*
75°	1225.0	301.1	30.5	24.1	18.5	13.1	13.1	11.5	8.3	7.0	7.0
77.5°	846.6	157.5	17.9	15.5	11.0	7.8	8.6	7.0	4.0	3.2	3.2
80°	339.1	59.9	9.6	7.2	5.1	3.5	2.9	1.6	0.8	0.5	0.8
82.5°	67.7	15.8	3.2	1.9	1.9	0.8	0.0	0.0	0.0	0.0	0.0
85°	17.4	3.5	0.8	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.3	0.0	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

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

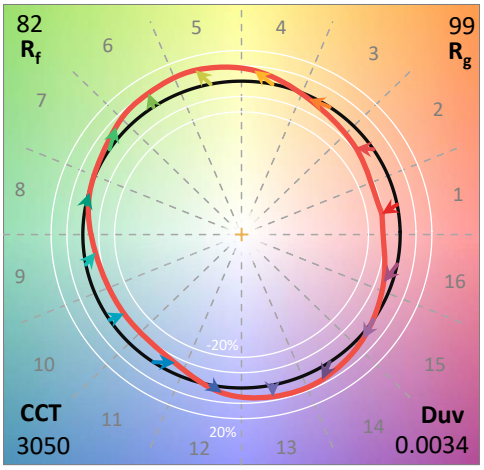
Test Information

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

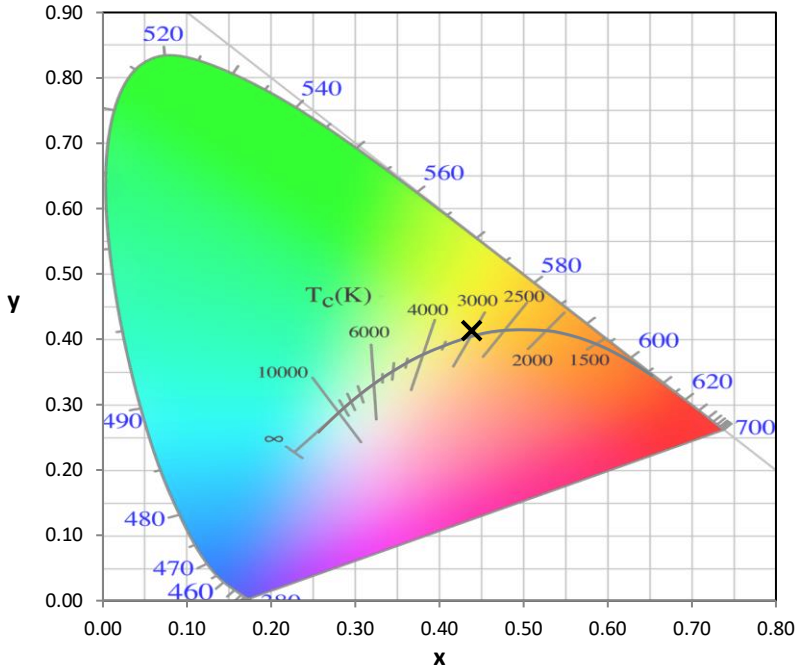
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

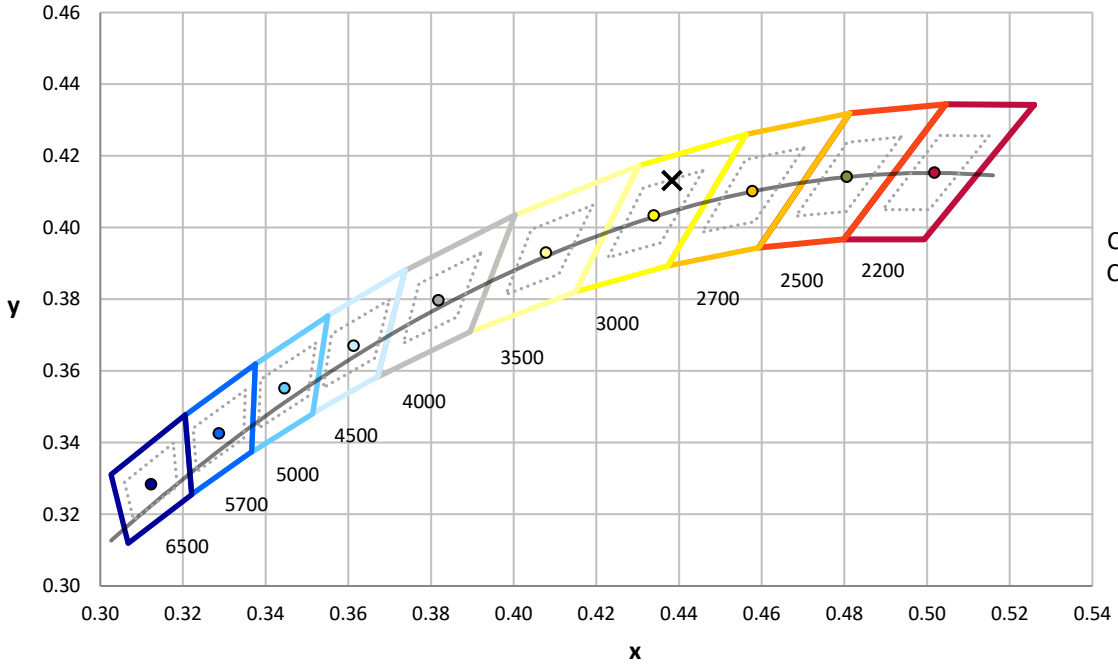
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

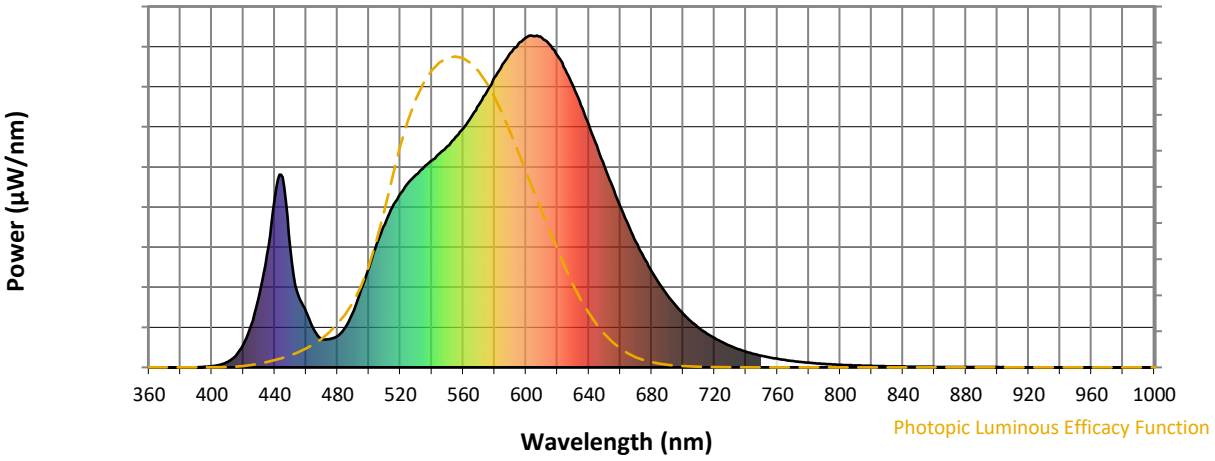


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

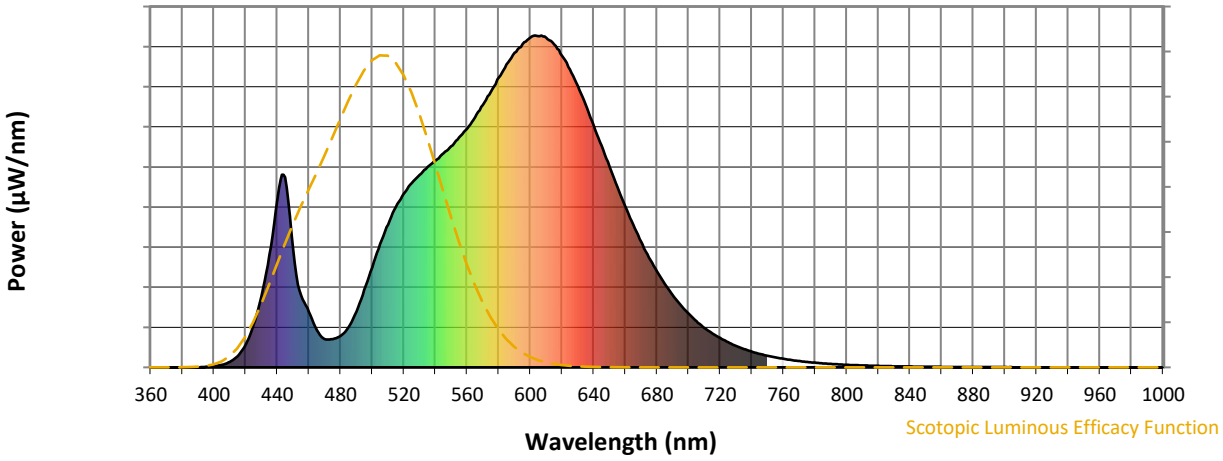


Photopic Lumens: NR

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

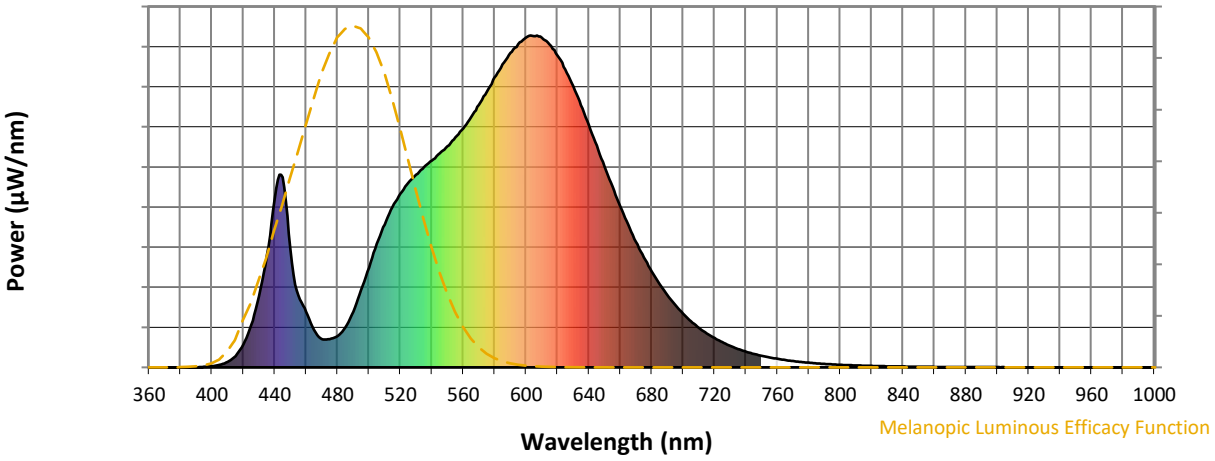


Scotopic Lumens: NR **S/P: 1.27**

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			

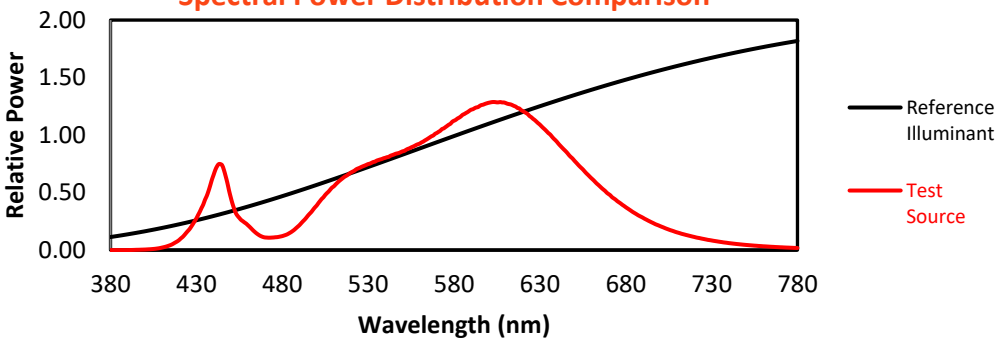
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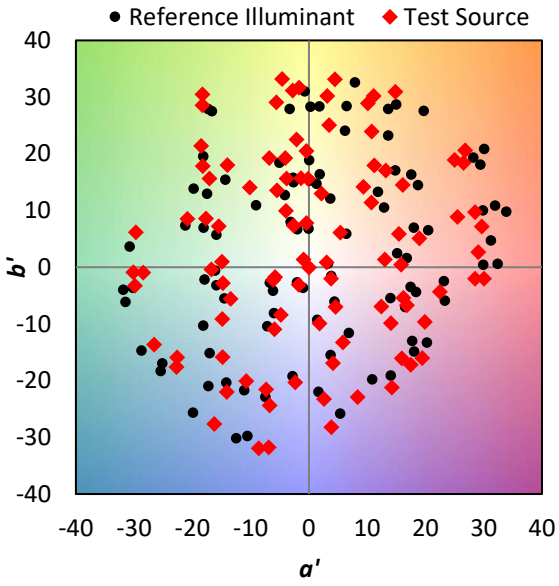
Summary

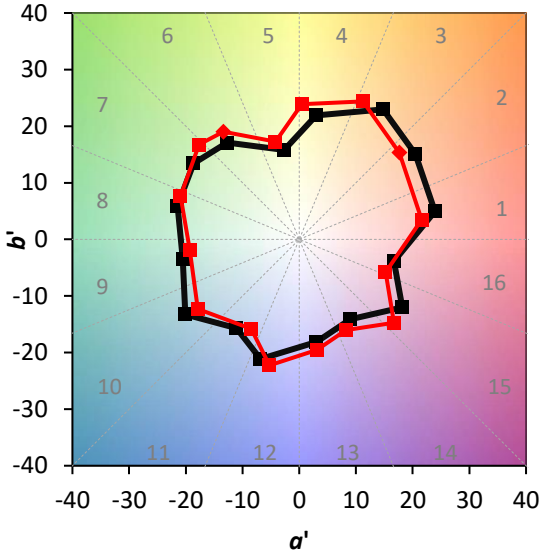
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

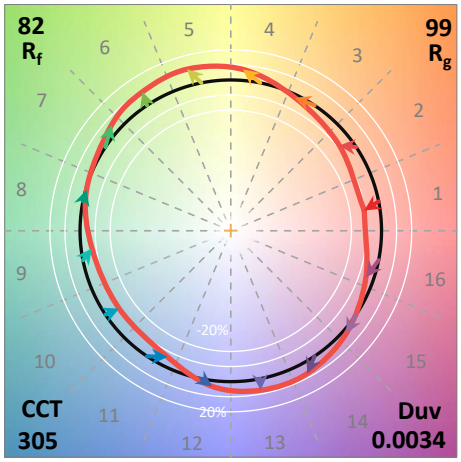
Spectral Power Distribution Comparison

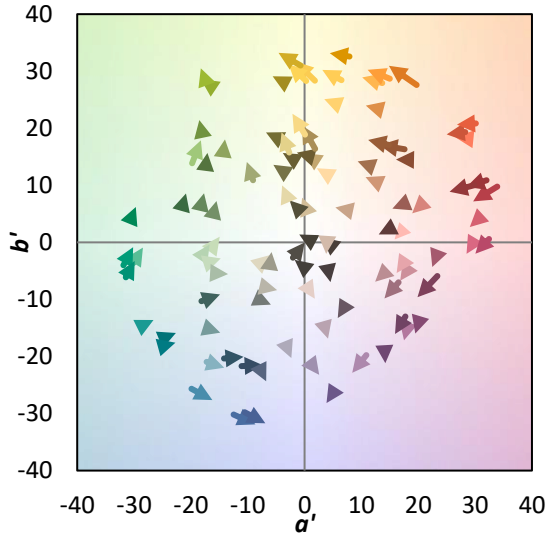


Color Vector Graphics







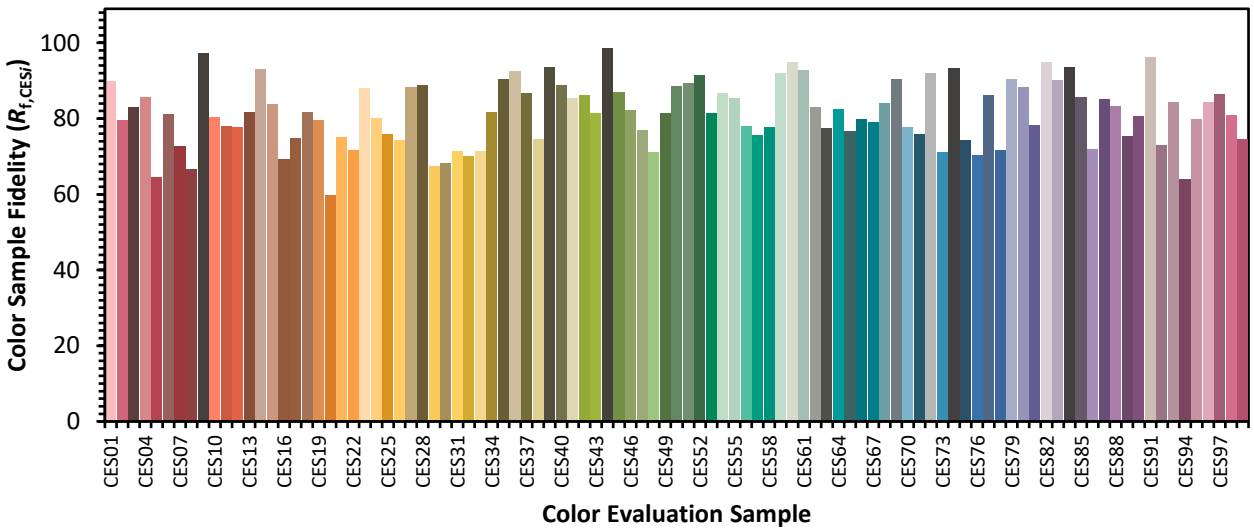


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Individual Sample Fidelity Index ($R_{f,i}$)

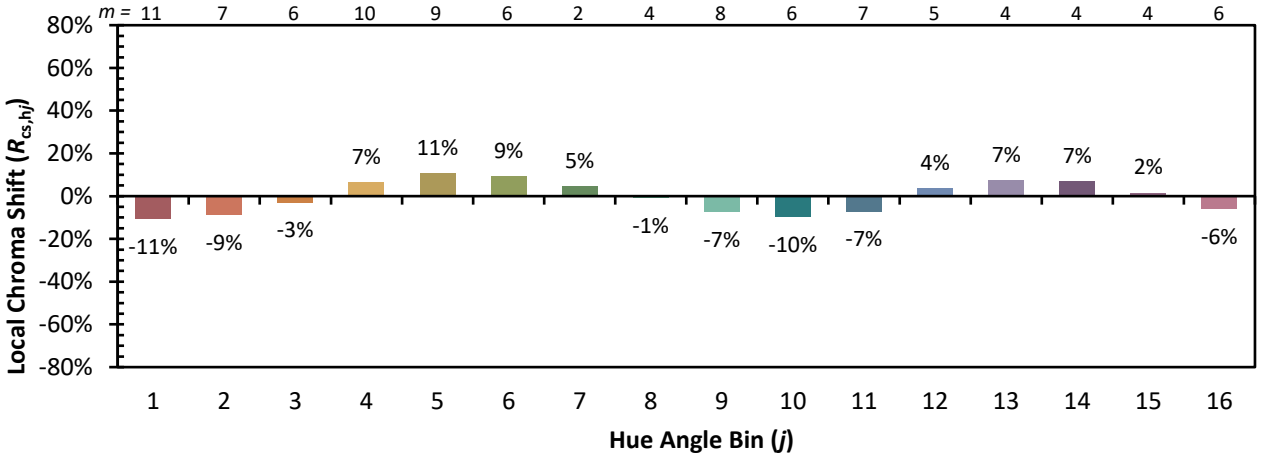
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

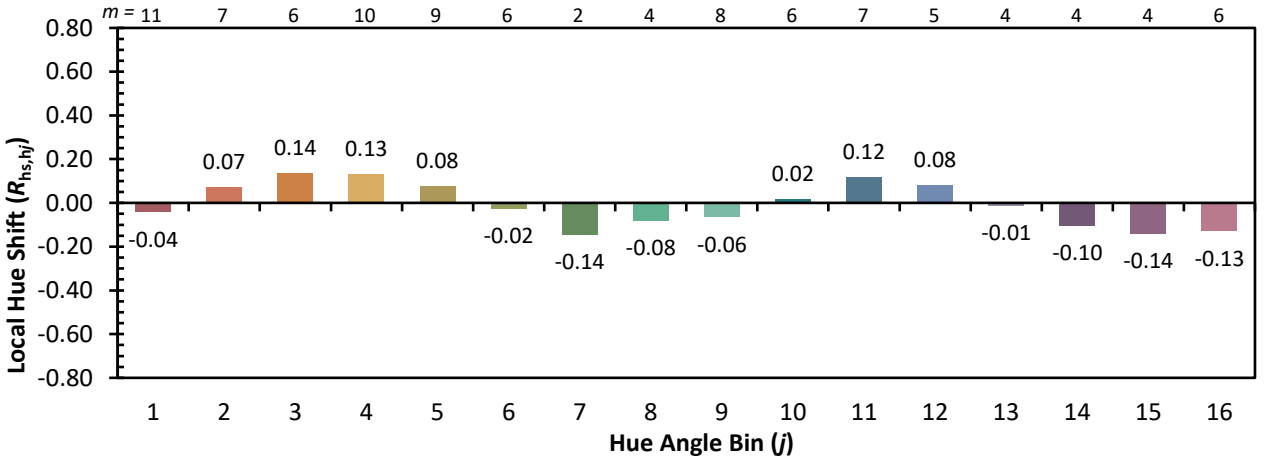


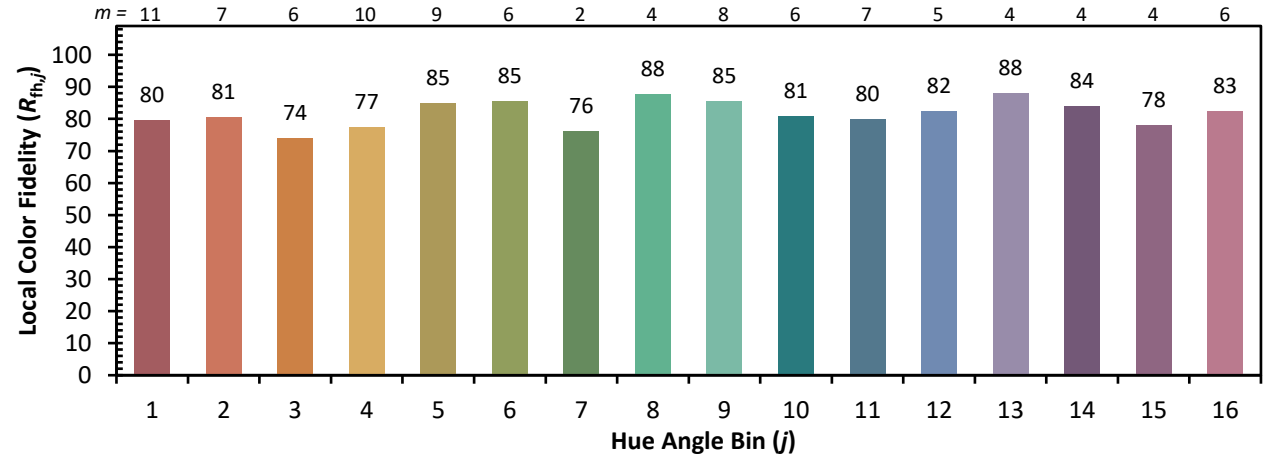
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Color Rendition by Hue-Angle Bin



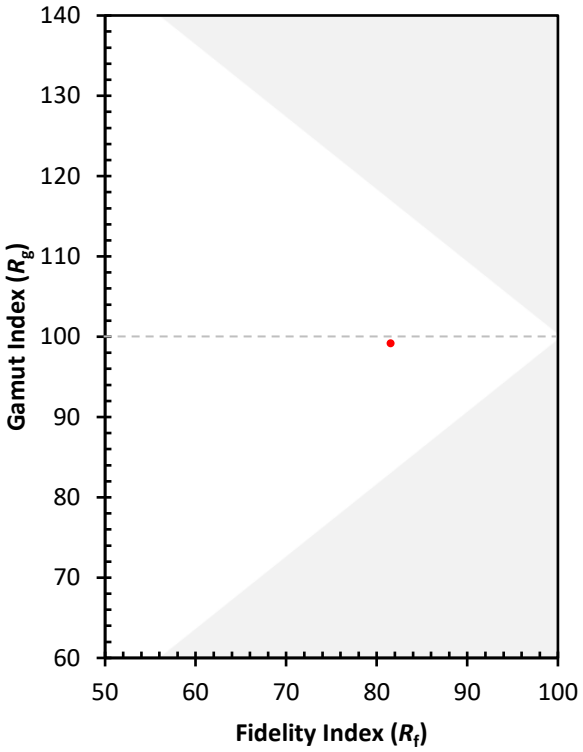


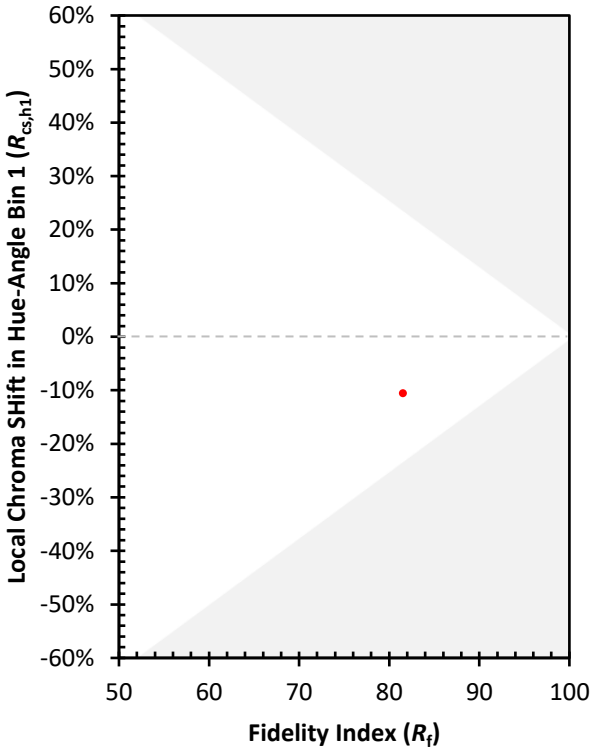


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Measure Comparisons





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