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: P1197953

Luminaire Tested: GPC-SB1B-830-U-AFL-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:	P1197953
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-830-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI(
	WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4338 lumens
Efficiency:	N/A
Efficacy:	109.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - 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

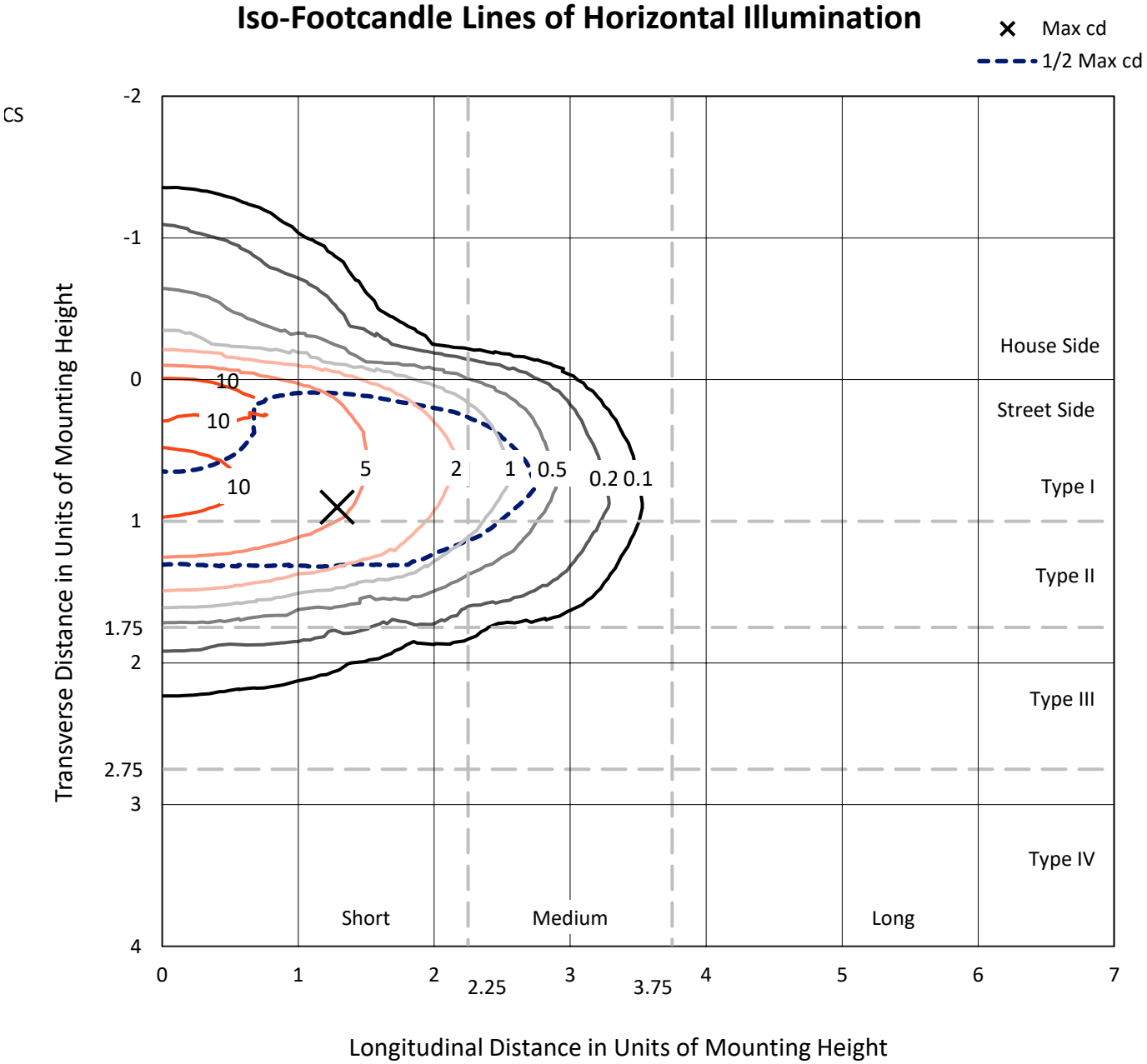


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Scaled Data Report

REPORT NUMBER: P1197953
CATALOG NUMBER: GPC-SB1B-830-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



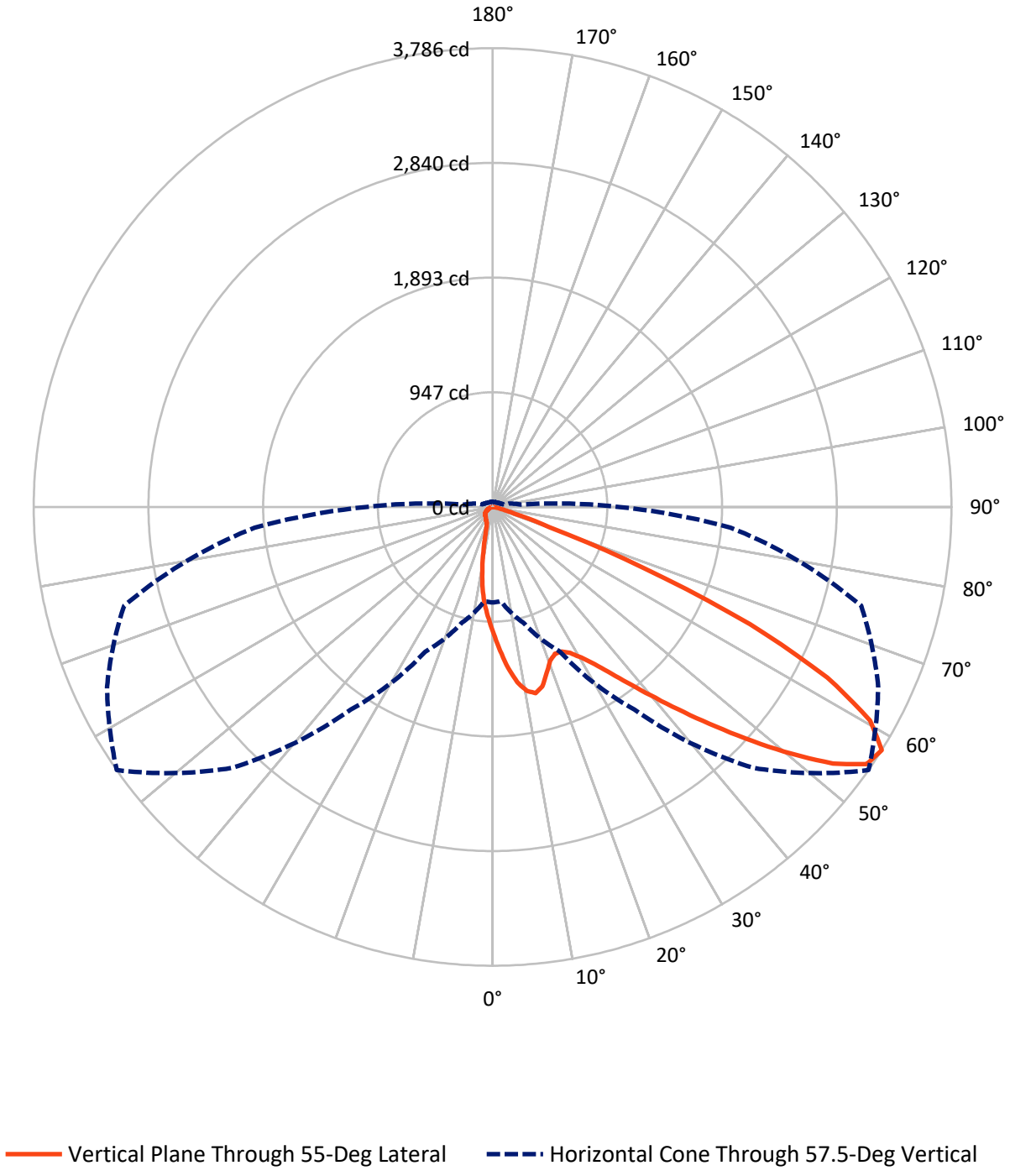
Based on 10 foot mounting height. Maximum calculated value = 15 fc
Type II - Short - N/A

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REPORT NUMBER: P1197953
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Luminous Intensity Polar Plot



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Scaled Data Report

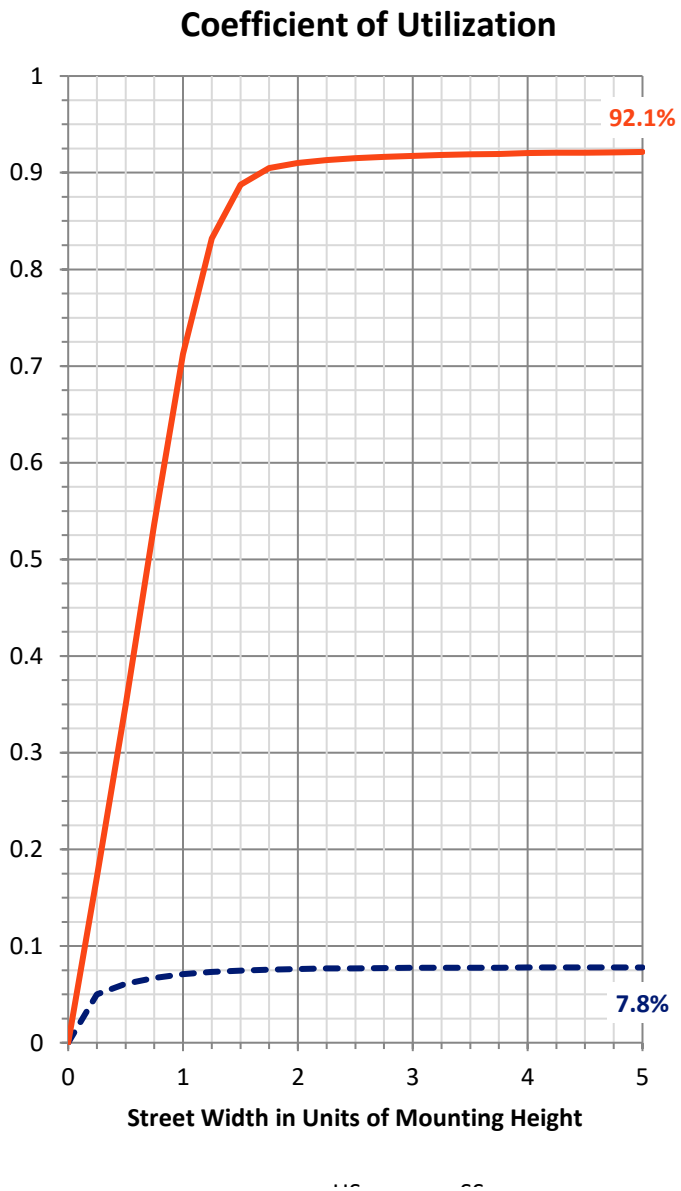
REPORT NUMBER: P1197953
CATALOG NUMBER: GPC-SB1B-830-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	338.8	0.0	338.8
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	3999.2	0.0	3999.2
	% Fixture	92.2	0.0	92.2
Total	Lumens	4338.0	0.0	4338.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.3	2.2
10°-20°	234.9	5.4
20°-30°	375.9	8.7
30°-40°	636.2	14.7
40°-50°	1044.6	24.1
50°-60°	1148.1	26.5
60°-70°	658.5	15.2
70°-80°	134.6	3.1
80°-90°	7.9	0.2
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°	4338.0	100.0
0°-180°	4338.0	100.0



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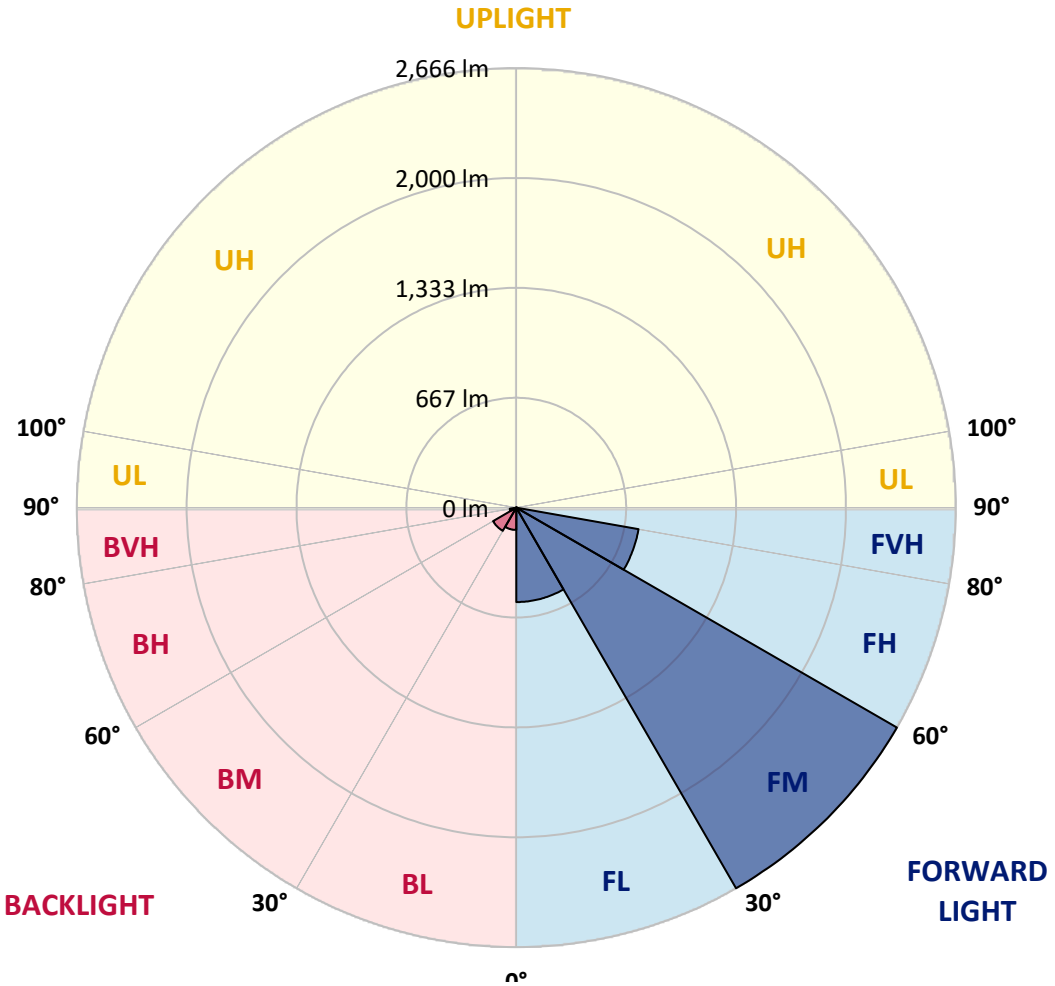
Scaled Data Report

REPORT NUMBER: P1197953
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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°)	572.9	13.2			
FM	(30°-60°)	2666.2	61.5			
FH	(60°-80°)	752.8	17.4			G1/1800
FVH	(80°-90°)	7.4	0.2			G0/10
BL	(0°-30°)	135.2	3.1	B1/500		
BM	(30°-60°)	162.7	3.8	B0/220		
BH	(60°-80°)	40.3	0.9	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 II Short



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REPORT NUMBER: P1197953
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1045.4	1045.4	1045.4	1045.4	1045.4	1045.4	*1045.4*	1045.4	1045.4	1045.4	1045.4
2.5°	1297.1	1280.7	1278.3	1275.1	1244.1	1220.8	*1187.1*	1150.2	1108.7	1066.5	1047.8
5°	1498.5	1485.6	1483.2	1468.3	1432.9	1393.4	*1333.4*	1257.7	1180.4	1089.5	1050.4
7.5°	1537.5	1535.1	1546.1	1545.6	1540.7	1509.4	*1458.9*	1368.7	1252.7	1117.8	1057.4
10°	1363.4	1369.5	1402.2	1430.8	1508.1	1553.0	*1542.1*	1467.7	1327.0	1150.2	1065.1
12.5°	1204.8	1197.6	1220.8	1253.2	1343.1	1476.8	*1576.6*	1550.4	1412.1	1186.9	1076.6
15°	1105.3	1102.3	1115.4	1130.4	1198.9	1333.7	*1536.5*	1617.5	1493.9	1230.2	1094.0
17.5°	1073.4	1071.0	1075.0	1078.8	1123.2	1227.5	*1441.0*	1658.7	1572.3	1279.7	1113.3
20°	1099.4	1096.2	1095.6	1092.7	1111.2	1182.3	*1354.6*	1661.6	1642.7	1324.6	1129.9
22.5°	1175.1	1171.3	1158.2	1146.5	1148.1	1188.5	*1316.1*	1632.2	1695.6	1366.6	1140.3
25°	1312.3	1306.2	1278.9	1239.3	1214.1	1231.3	*1321.9*	1593.4	1746.2	1399.5	1135.2
27.5°	1484.0	1476.0	1441.0	1382.1	1324.6	1303.7	*1364.5*	1566.7	1788.2	1424.7	1124.3
30°	1652.3	1641.9	1607.3	1561.6	1477.6	1411.8	*1441.2*	1578.5	1838.2	1450.9	1109.8
32.5°	1833.9	1824.0	1778.3	1721.6	1652.0	1563.5	*1546.4*	1636.0	1899.4	1487.5	1099.7
35°	2063.7	2048.2	1983.2	1905.9	1832.0	1742.4	*1688.7*	1735.2	1981.0	1543.4	1105.3
37.5°	2325.3	2304.4	2234.3	2127.6	2031.3	1931.0	*1862.0*	1871.6	2100.6	1618.3	1122.7
40°	2571.9	2552.9	2488.2	2387.6	2266.7	2145.0	*2071.4*	2050.0	2265.6	1709.5	1153.1
42.5°	2719.8	2702.7	2675.4	2632.9	2531.0	2406.9	*2314.1*	2267.8	2460.9	1818.7	1190.3
45°	2728.1	2713.2	2749.8	2799.3	2779.2	2696.6	*2583.4*	2498.6	2657.0	1921.1	1228.8
47.5°	2595.5	2585.3	2696.6	2869.4	2955.5	2990.3	*2886.0*	2710.2	2818.8	1994.7	1244.6
50°	2233.8	2230.1	2459.0	2776.3	3022.6	3247.6	*3205.1*	2907.1	2944.3	2032.7	1229.7
52.5°	1936.9	1923.3	2056.7	2478.3	2925.0	3382.9	*3517.0*	3100.2	3032.0	2039.9	1194.6
55°	1469.1	1457.0	1624.5	1979.7	2610.2	3334.8	*3745.1*	3299.5	3094.9	2021.4	1131.8
57.5°	*788.0*	*780.5*	*992.1*	*1317.7*	*2040.4*	*3045.9*	*3786.3*	*3510.3*	*3147.8*	*1972.5*	*1043.7*
60°	306.8	305.5	384.7	639.3	1240.1	2478.0	*3578.5*	3636.8	3181.0	1912.3	970.2
62.5°	185.6	189.7	202.5	287.0	547.8	1539.4	*3099.4*	3492.9	3203.2	1857.2	909.5
65°	153.5	153.8	155.4	197.1	262.4	644.1	*2333.3*	3019.4	3148.4	1759.0	823.3
67.5°	131.6	134.0	140.2	156.5	185.1	282.5	*1343.3*	2338.9	2814.8	1530.6	689.1
70°	103.8	107.0	114.8	128.7	142.8	176.8	*496.5*	1556.3	2150.4	1153.7	521.1
72.5°	87.5	87.2	91.2	104.6	113.4	124.4	*191.0*	872.0	1249.7	550.8	257.9
75°	67.7	70.3	75.4	87.5	92.8	90.1	*103.5*	318.6	447.8	166.9	87.7
77.5°	53.0	55.1	59.7	71.4	76.8	63.9	*59.7*	114.0	143.9	59.9	39.6
80°	23.8	25.7	40.7	52.7	62.6	44.1	*32.4*	58.3	63.9	27.3	20.1
82.5°	4.3	7.2	23.8	27.8	32.1	28.6	*16.9*	30.2	31.3	11.0	7.0
85°	0.3	0.5	8.3	10.2	12.8	9.4	*5.1*	12.0	10.4	3.7	2.7
87.5°	0.0	0.0	0.0	0.3	0.3	1.3	*1.6*	2.1	1.6	1.3	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: P1197953
CATALOG NUMBER: GPC-SB1B-830-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1045.4	1045.4	1045.4	1045.4	1045.4	1045.4	1045.4	1045.4	1045.4	1045.4
2.5°	1028.5	990.5	953.6	923.4	905.7	875.8	856.0	852.8	844.5	851.7
5°	1008.7	940.8	872.0	810.5	759.9	694.7	646.0	625.4	607.5	613.6
7.5°	999.3	892.1	785.1	680.0	571.9	467.6	390.0	357.6	333.0	336.5
10°	986.8	841.5	673.8	513.3	368.6	265.6	212.1	192.3	181.4	181.6
12.5°	977.1	781.1	544.6	348.0	224.4	169.6	153.0	148.2	145.0	145.2
15°	972.3	709.9	417.0	231.9	160.5	143.6	139.6	137.5	135.3	135.1
17.5°	964.3	630.7	305.2	169.3	140.4	134.5	131.1	128.7	126.0	125.5
20°	952.3	540.9	223.1	143.1	131.6	127.1	122.2	119.0	115.8	115.3
22.5°	930.1	445.9	171.5	132.4	125.2	120.1	114.2	110.5	107.3	106.7
25°	888.9	356.8	144.4	125.7	119.6	113.4	107.0	101.9	99.0	98.4
27.5°	836.7	280.3	131.1	119.6	112.3	106.7	99.5	94.7	92.0	91.5
30°	775.2	215.9	123.3	112.6	103.8	99.0	92.6	88.5	86.9	86.9
32.5°	708.8	172.5	120.1	105.7	96.3	90.9	85.9	84.3	83.7	83.5
35°	646.5	149.8	118.5	100.0	89.6	84.5	82.4	82.7	83.7	83.7
37.5°	591.2	142.6	117.7	96.0	83.7	79.2	80.5	82.9	81.9	81.9
40°	541.1	143.4	117.2	93.1	78.9	76.2	78.9	77.0	74.4	74.1
42.5°	502.9	150.1	116.1	90.7	76.0	74.1	73.0	70.1	69.8	70.3
45°	475.1	155.9	115.8	89.6	72.8	69.3	67.9	65.0	70.3	71.7
47.5°	442.2	155.9	115.8	85.9	67.4	66.1	63.9	60.7	66.1	67.4
50°	399.6	146.0	111.3	81.6	63.1	62.3	58.6	54.6	53.5	54.3
52.5°	345.9	128.1	99.8	75.7	58.8	57.2	52.7	49.8	49.0	49.0
55°	284.6	107.3	84.3	67.1	54.3	51.4	48.1	46.8	46.0	45.5
57.5°	*231.4*	*88.0*	*67.7*	*59.7*	*50.0*	*46.3*	*45.2*	*43.6*	*42.3*	*41.5*
60°	189.9	69.3	55.9	53.0	45.7	42.3	42.0	39.9	36.4	35.8
62.5°	146.6	50.8	47.1	46.0	41.5	38.5	38.0	33.7	28.4	27.3
65°	103.5	39.6	38.0	40.4	36.9	34.2	32.9	26.5	20.9	20.1
67.5°	72.8	33.2	30.0	35.3	32.1	28.6	27.8	22.5	17.4	16.9
70°	51.9	27.0	24.6	30.2	25.7	25.1	23.5	18.7	14.2	13.6
72.5°	36.6	20.6	19.0	26.2	17.7	21.7	19.3	14.4	10.7	10.2
75°	27.0	14.7	13.4	15.2	12.8	16.3	13.6	9.6	6.7	6.4
77.5°	19.8	9.4	8.0	7.5	7.5	10.2	7.5	4.0	2.9	2.7
80°	13.9	4.3	3.7	3.2	2.9	2.4	1.1	0.5	0.3	0.3
82.5°	8.3	1.9	1.9	1.3	0.8	0.0	0.0	0.0	0.0	0.0
85°	1.9	0.8	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	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


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

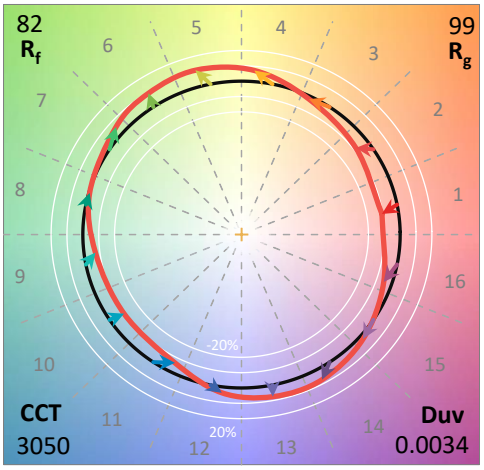
Test Information

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

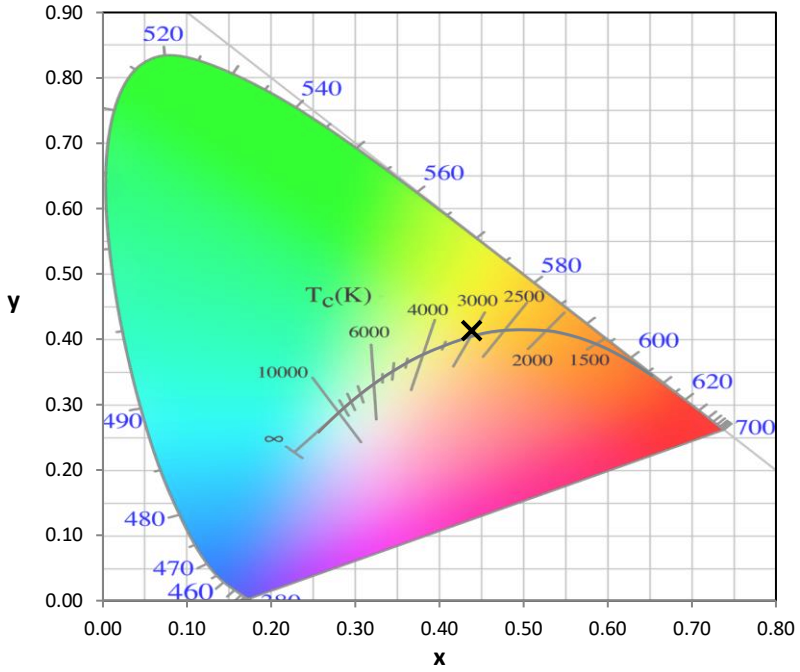
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

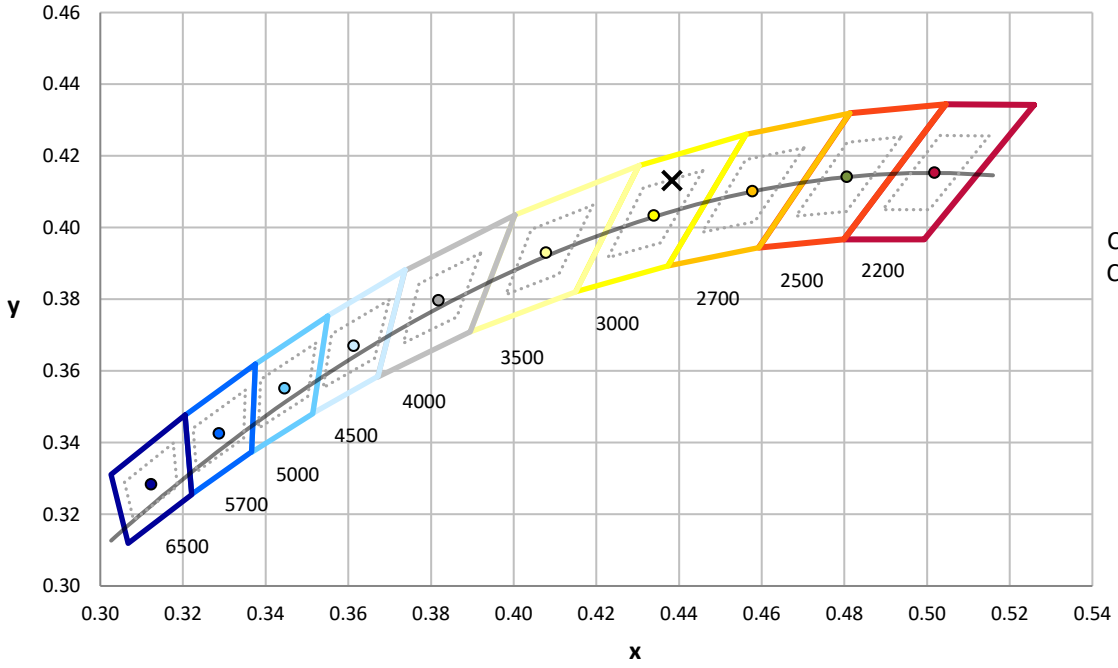
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

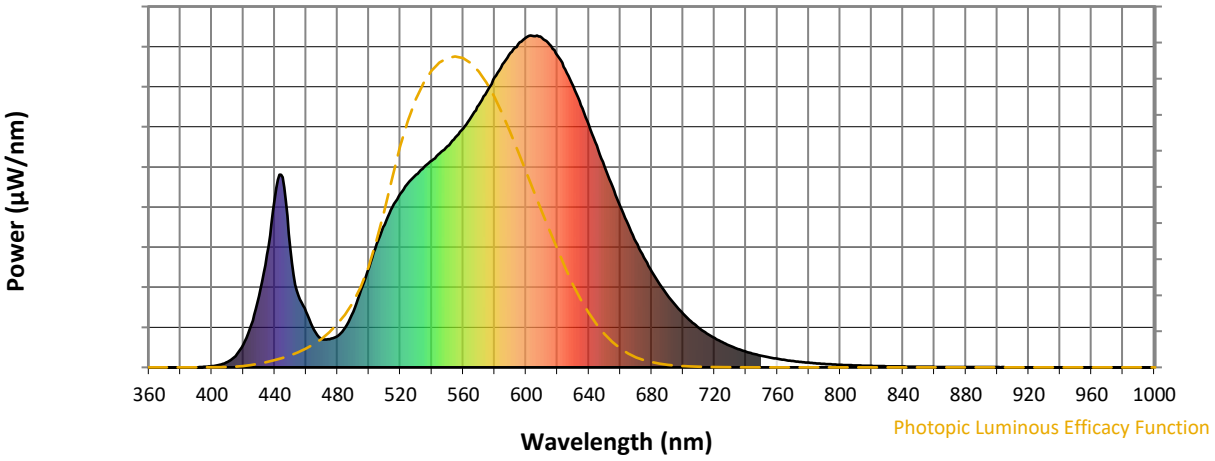


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

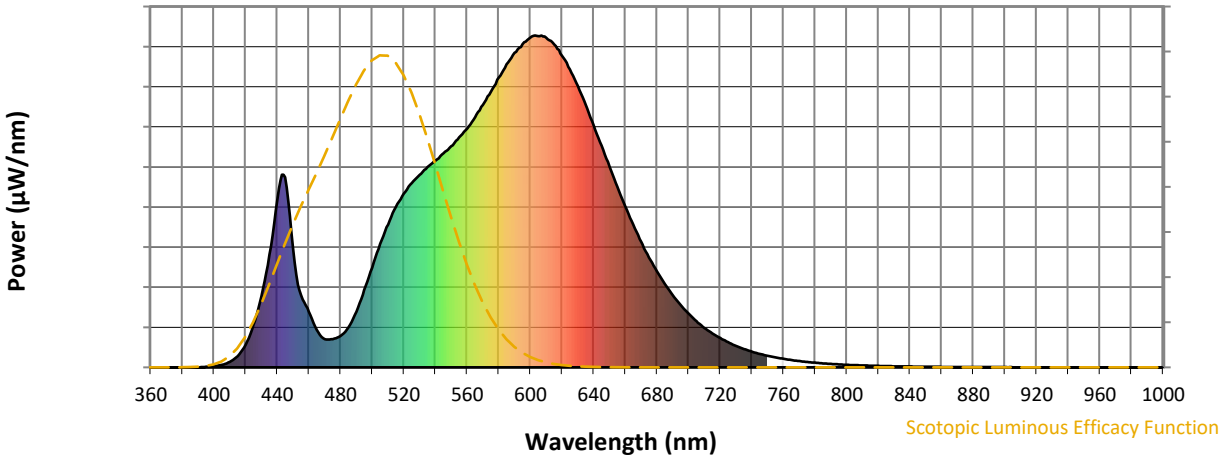


Photopic Lumens: NR

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

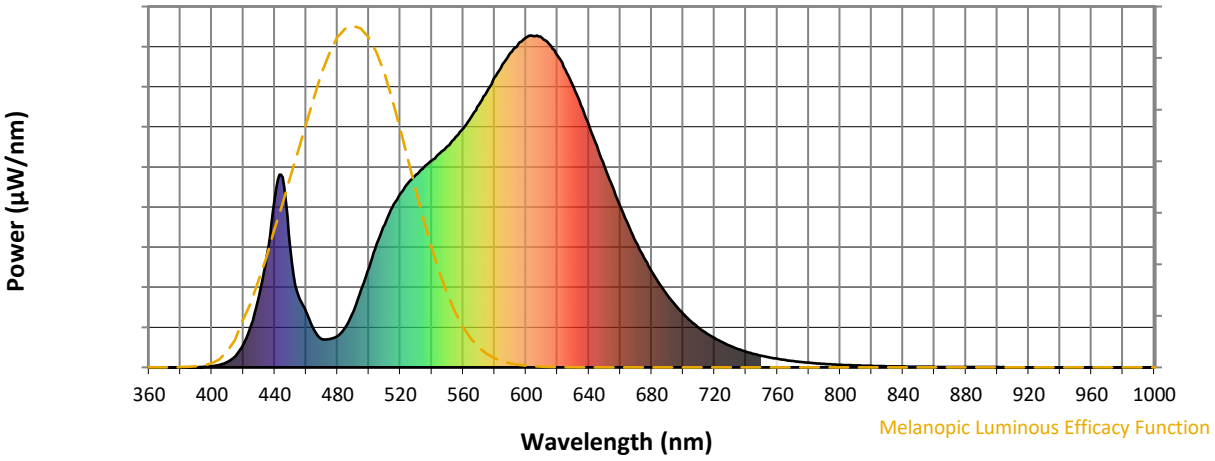


Scotopic Lumens: NR **S/P: 1.27**

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			

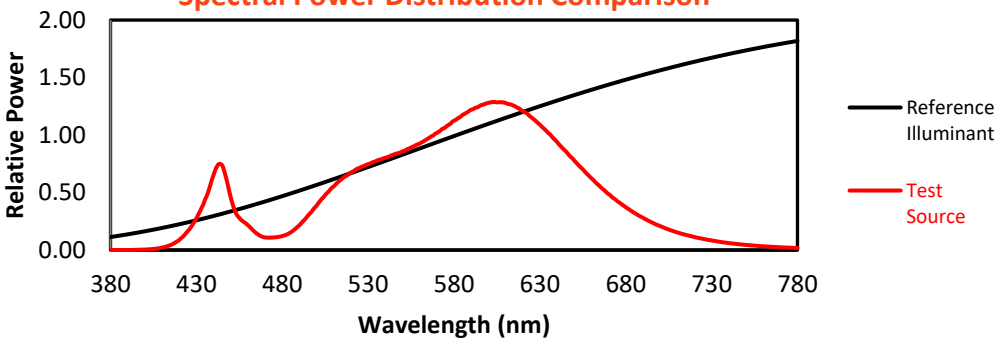
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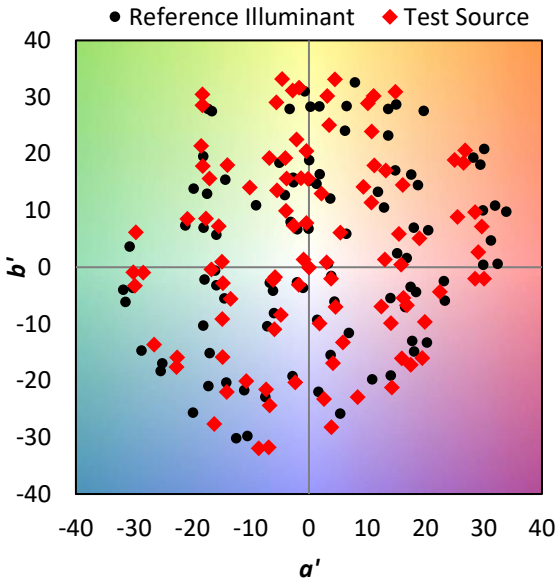
Summary

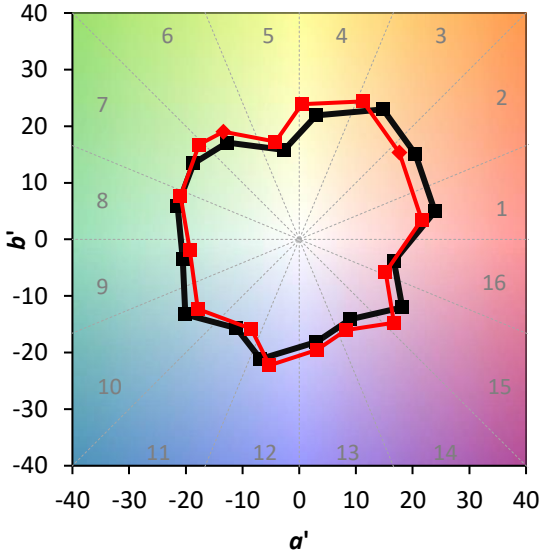
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

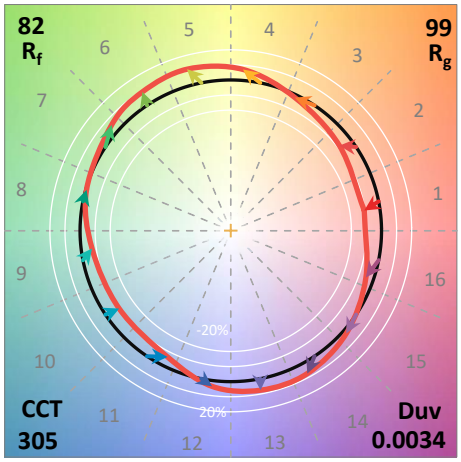
Spectral Power Distribution Comparison

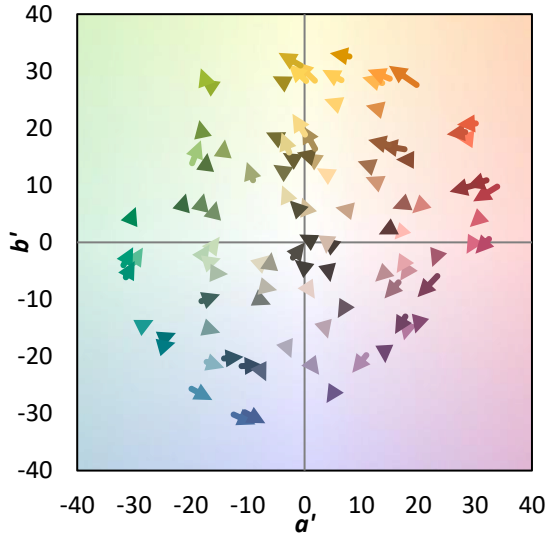


Color Vector Graphics







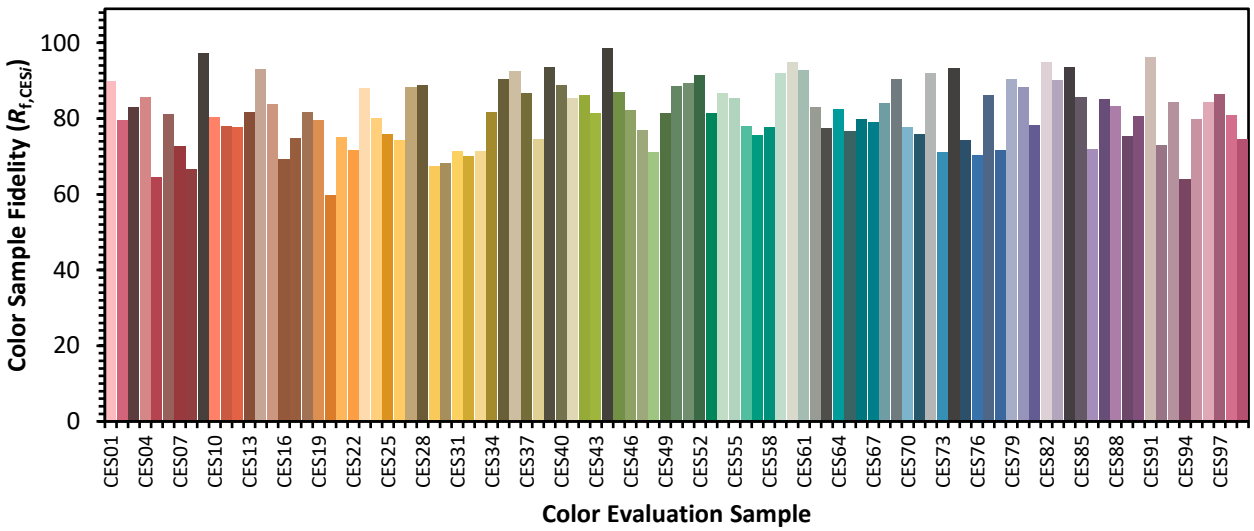


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Individual Sample Fidelity Index ($R_{f,i}$)

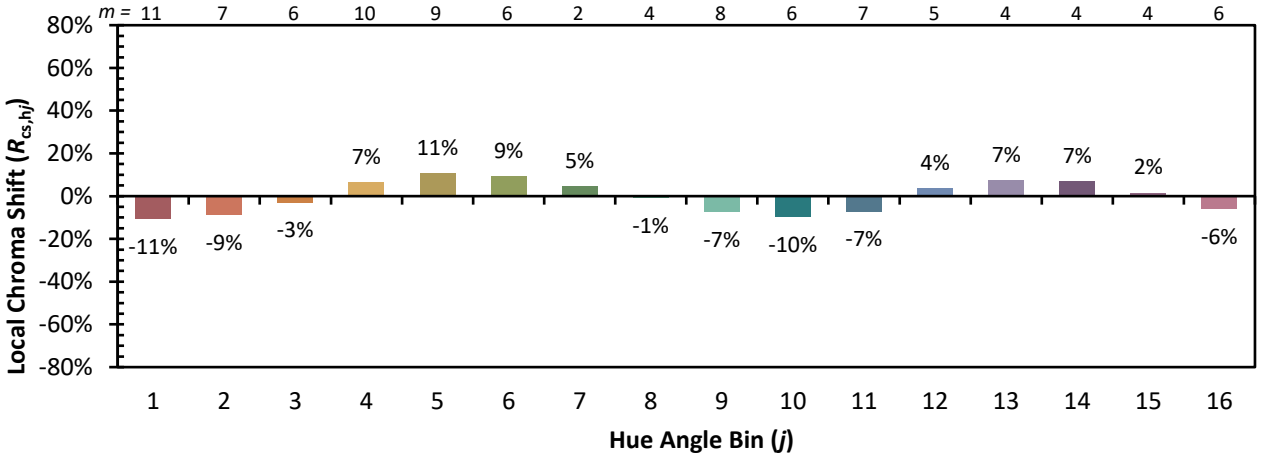
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

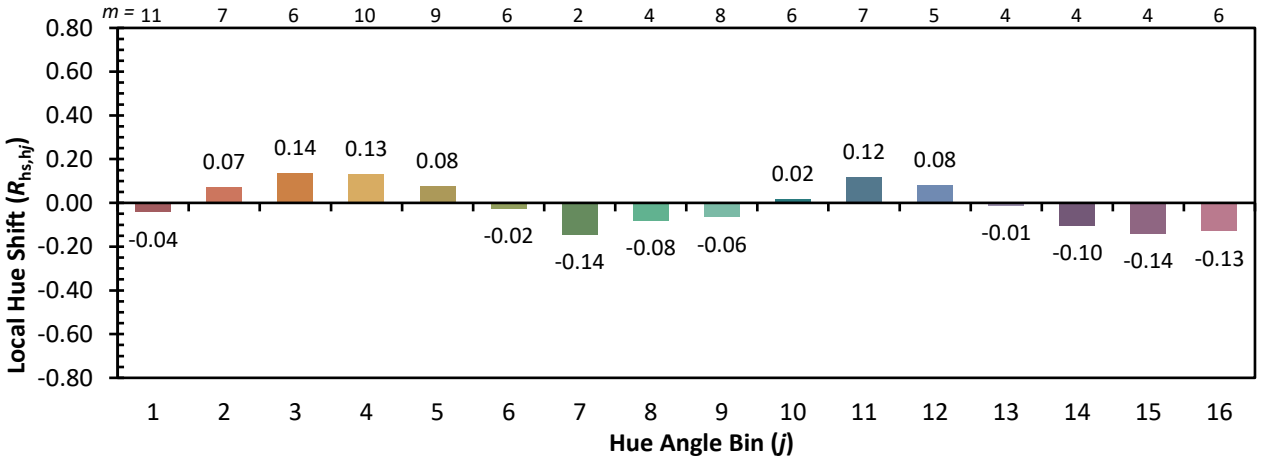


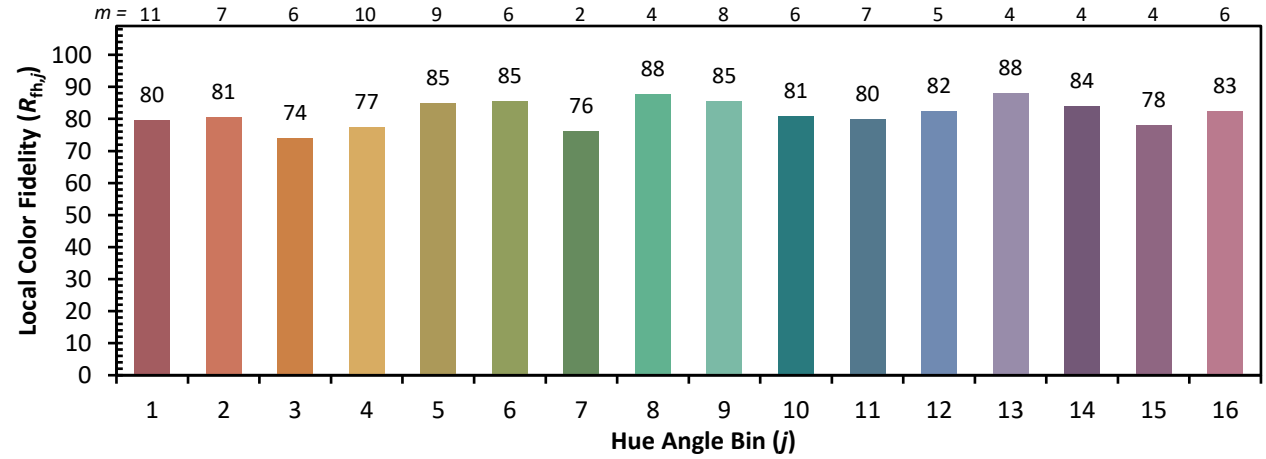
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Color Rendition by Hue-Angle Bin



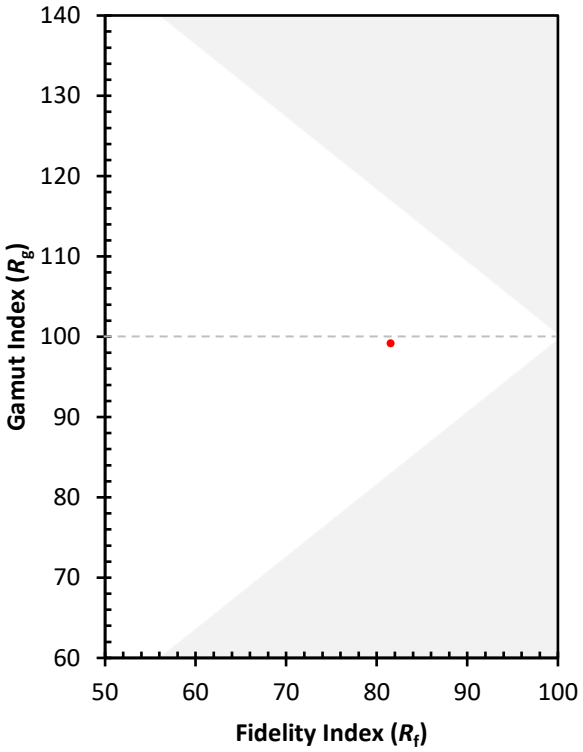


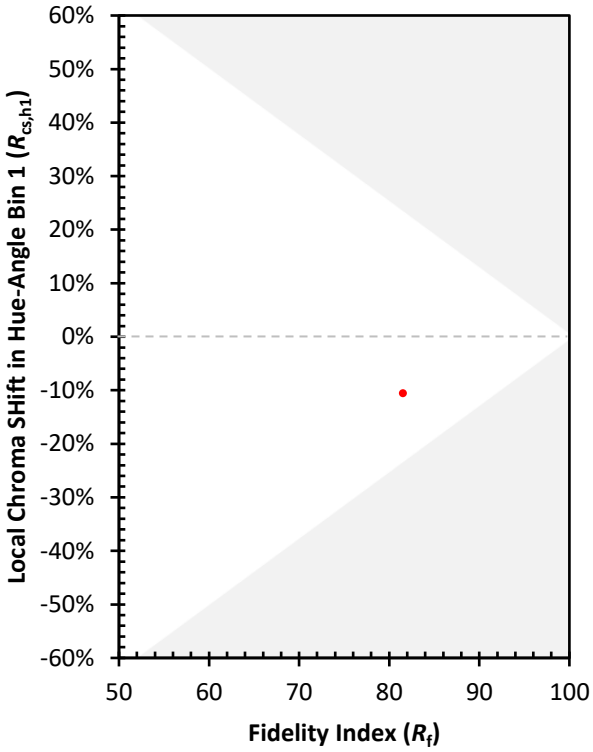


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Measure Comparisons





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