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: P1197968

Luminaire Tested: GPC-SB1B-830-U-T2R

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:	P1197968
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-830-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5181 lumens
Efficiency:	N/A
Efficacy:	130.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - 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

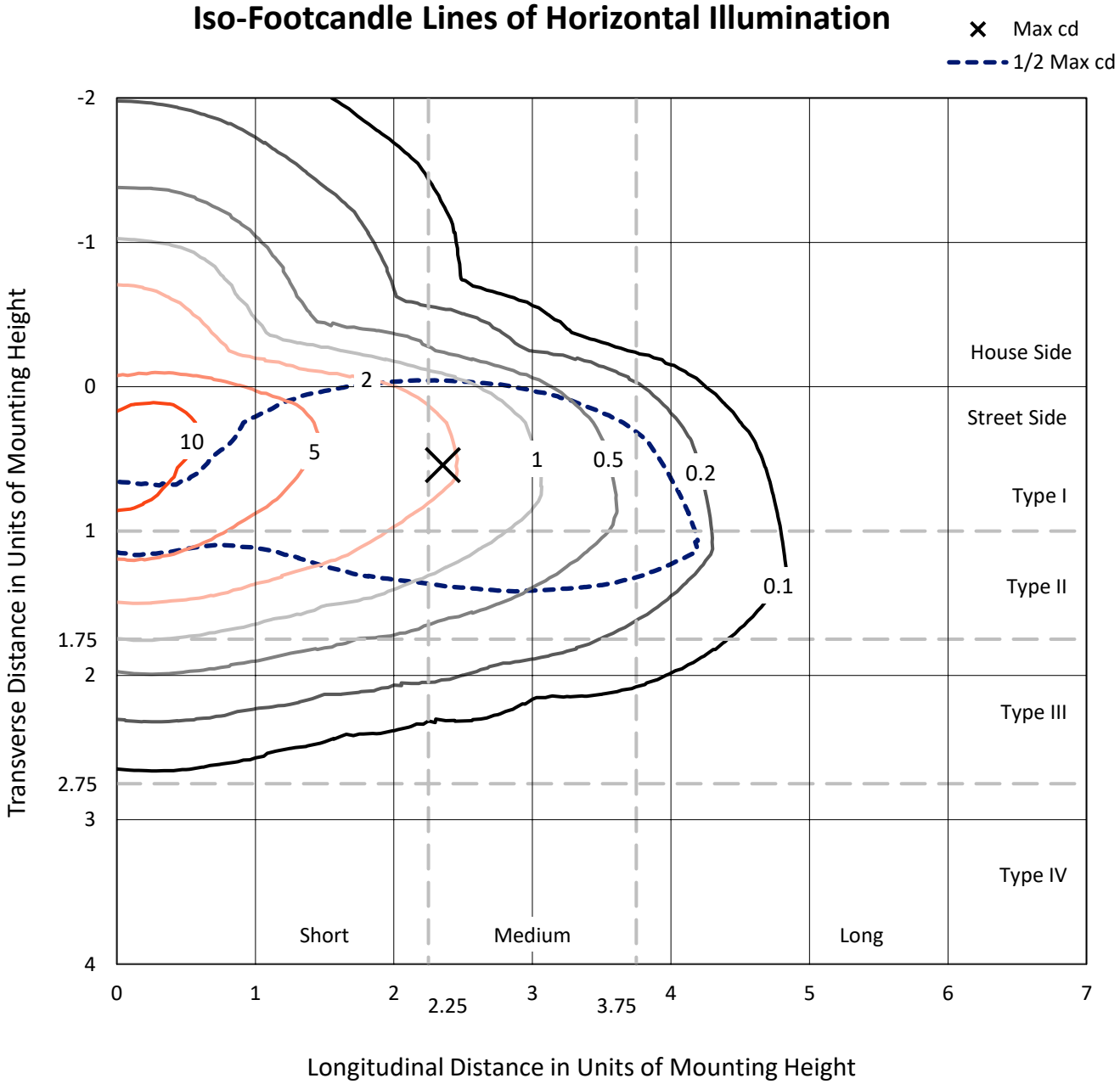


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Scaled Data Report

REPORT NUMBER: P1197968
CATALOG NUMBER: GPC-SB1B-830-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



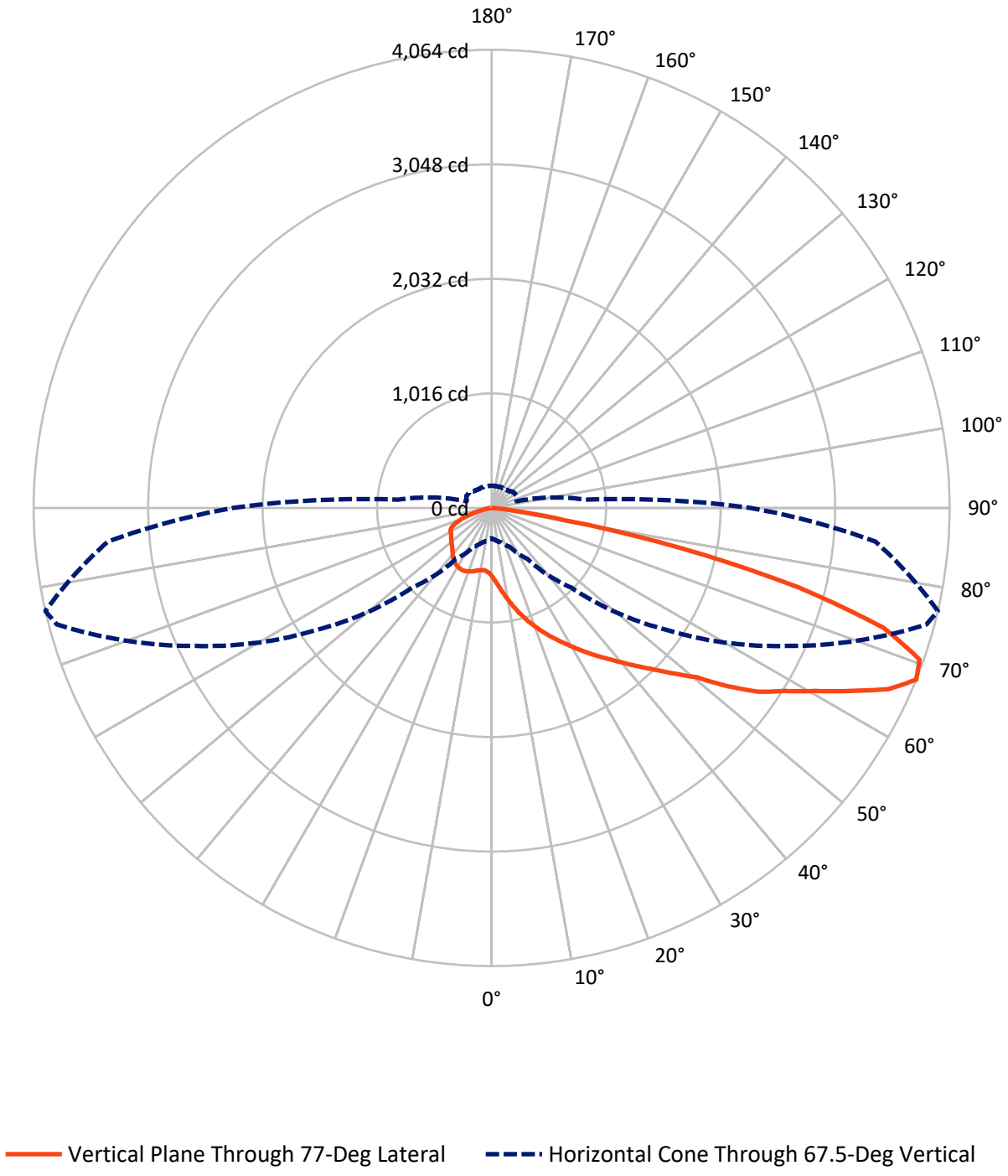
Based on 10 foot mounting height. Maximum calculated value = 11.9 fc
Type II - Medium - N/A

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REPORT NUMBER: P1197968
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Luminous Intensity Polar Plot



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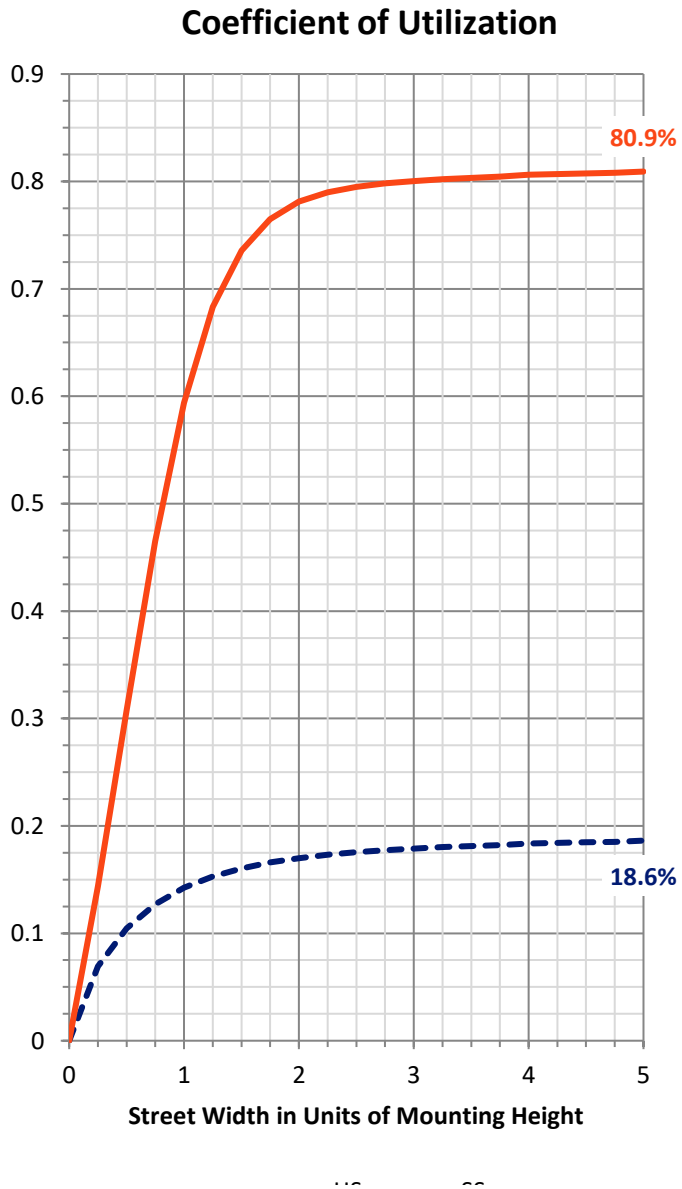
REPORT NUMBER: P1197968
CATALOG NUMBER: GPC-SB1B-830-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	980.1	0.0	980.1
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	4201.0	0.0	4201.0
	% Fixture	81.1	0.0	81.1
Total	Lumens	5181.0	0.0	5181.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.2	1.3
10°-20°	234.1	4.5
20°-30°	442.0	8.5
30°-40°	712.0	13.7
40°-50°	973.9	18.8
50°-60°	1098.6	21.2
60°-70°	1025.4	19.8
70°-80°	562.1	10.8
80°-90°	67.8	1.3
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°	5181.0	100.0
0°-180°	5181.0	100.0



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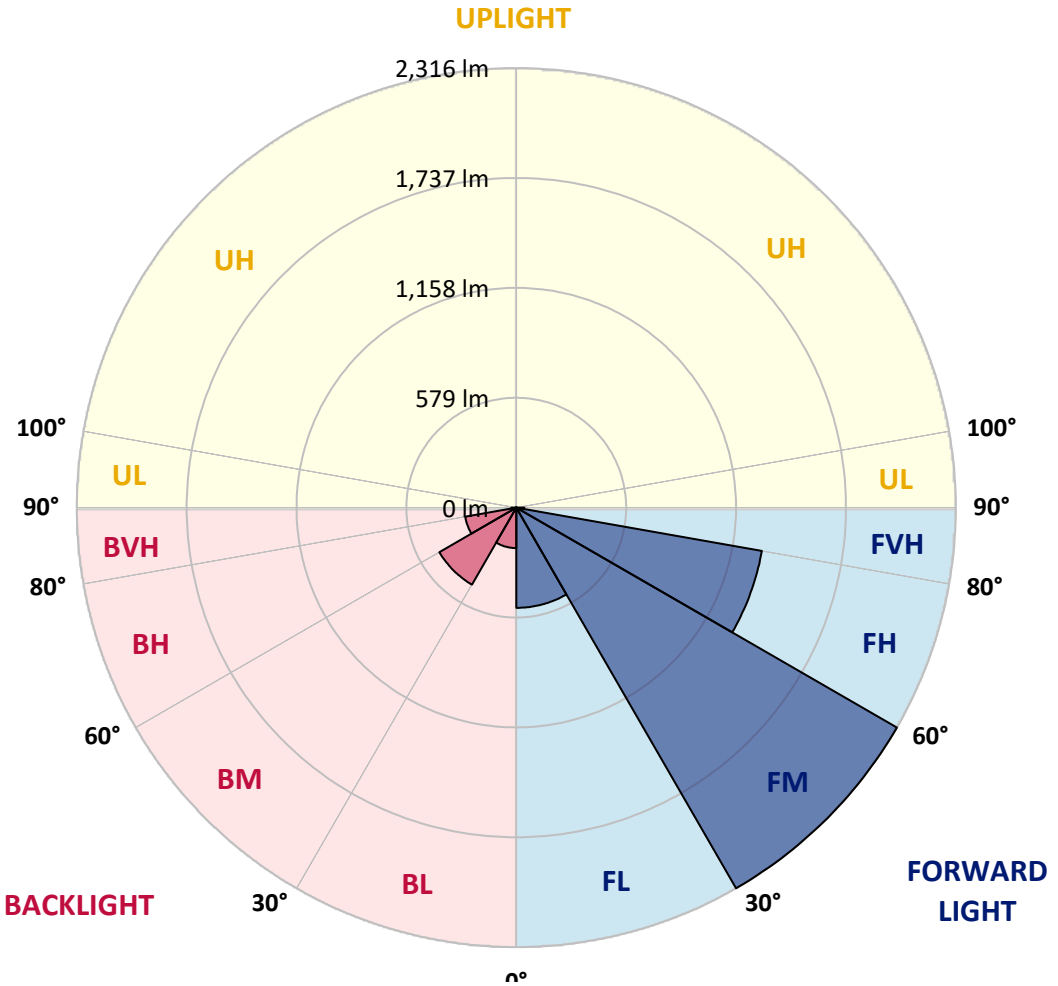
Scaled Data Report

REPORT NUMBER: P1197968
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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°)	528.1	10.2			
FM	(30°-60°)	2316.4	44.7			
FH	(60°-80°)	1314.1	25.4			G1/1800
FVH	(80°-90°)	42.4	0.8			G1/100
BL	(0°-30°)	213.1	4.1	B1/500		
BM	(30°-60°)	468.1	9.0	B1/1000		
BH	(60°-80°)	273.4	5.3	B1/500		G1/500
BVH	(80°-90°)	25.4	0.5			G1/100
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 Medium



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Scaled Data Report

REPORT NUMBER: P1197968
CATALOG NUMBER: GPC-SB1B-830-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	*607.9*	607.9
2.5°	761.1	766.5	759.8	759.8	737.3	725.6	703.1	686.0	655.2	*649.9*	629.6
5°	899.7	906.4	897.0	893.0	866.5	842.2	804.5	767.3	712.5	*706.8*	659.0
7.5°	1006.9	1015.5	1007.2	1002.9	979.4	952.1	908.0	856.1	778.8	*767.8*	698.6
10°	1094.4	1095.7	1093.0	1094.6	1076.2	1053.7	1008.5	948.1	851.5	*836.6*	746.4
12.5°	1143.8	1150.0	1155.3	1165.0	1161.8	1147.9	1107.2	1035.0	928.6	*909.3*	798.6
15°	1167.1	1177.8	1189.8	1212.0	1230.0	1233.4	1202.4	1128.3	1006.9	*983.6*	851.3
17.5°	1175.4	1185.6	1204.6	1236.6	1275.2	1301.1	1287.2	1219.0	1084.5	*1057.7*	906.6
20°	1217.4	1220.3	1231.8	1262.3	1304.0	1347.1	1357.5	1306.2	1161.2	*1131.0*	963.9
22.5°	1307.2	1301.4	1304.6	1318.5	1348.4	1390.2	1414.0	1383.2	1240.1	*1205.4*	1021.6
25°	1455.7	1438.6	1421.4	1405.4	1420.6	1444.2	1471.2	1460.2	1322.8	*1278.6*	1079.9
27.5°	1643.2	1622.3	1584.6	1531.9	1513.4	1521.7	1533.8	1531.6	1399.2	*1354.6*	1140.1
30°	1827.7	1803.4	1758.4	1682.2	1633.5	1611.6	1602.5	1596.4	1482.4	*1434.8*	1200.8
32.5°	1975.0	1955.8	1911.7	1826.4	1755.7	1718.3	1688.1	1666.2	1569.3	*1521.7*	1265.0
35°	2104.0	2086.0	2035.5	1942.4	1865.7	1825.8	1786.2	1739.4	1659.7	*1611.6*	1334.0
37.5°	2221.6	2203.7	2134.4	2037.6	1960.3	1932.8	1897.5	1818.1	1750.4	*1704.9*	1407.0
40°	2296.0	2292.0	2227.2	2117.6	2037.4	2023.7	2012.0	1909.3	1851.0	*1808.7*	1487.2
42.5°	2315.0	2323.8	2272.4	2182.3	2105.8	2094.9	2122.4	2012.5	1963.8	*1923.4*	1578.2
45°	2269.2	2294.6	2260.9	2199.7	2154.5	2148.6	2220.3	2125.3	2088.7	*2051.8*	1687.8
47.5°	2153.4	2196.5	2182.6	2174.0	2167.6	2193.0	2306.4	2245.2	2230.2	*2198.1*	1813.0
50°	1919.7	2001.3	2025.6	2079.6	2141.7	2227.5	2384.8	2375.9	2395.5	*2363.1*	1965.4
52.5°	1515.6	1627.9	1769.1	1904.4	2062.0	2216.0	2470.9	2563.7	2646.1	*2628.4*	2207.7
55°	1251.1	1301.6	1410.2	1658.4	1907.4	2167.6	2509.7	2715.3	2894.8	*2879.0*	2391.5
57.5°	1047.8	1093.0	1159.9	1367.2	1673.6	2057.7	2533.7	2807.9	3065.1	*3063.5*	2572.8
60°	829.9	877.7	946.2	1093.0	1400.6	1867.8	2528.4	2913.2	3282.6	*3295.9*	2794.0
62.5°	583.8	636.5	712.5	849.4	1121.6	1621.8	2419.3	2989.4	3538.5	*3574.9*	3060.1
65°	383.8	418.5	475.8	594.0	835.8	1305.4	2210.9	2999.3	3812.4	*3873.9*	3309.8
67.5°	*269.0*	*282.4*	*316.1*	*380.3*	*550.9*	*1001.0*	*1879.0*	*2896.9*	*3995.0*	*4064.3*	*3418.2*
70°	209.9	216.6	233.7	259.4	346.1	673.1	1439.9	2630.5	3956.0	*4028.2*	3305.0
72.5°	181.3	187.7	194.2	197.4	232.1	415.6	975.4	2199.4	3588.2	*3637.2*	2873.6
75°	164.5	166.1	171.4	170.4	177.0	269.6	563.0	1602.5	2831.1	*2814.3*	2121.3
77.5°	138.3	140.4	149.2	147.9	157.3	184.3	292.3	1034.2	1835.4	*1721.0*	1180.7
80°	117.1	118.2	127.8	126.2	136.7	133.5	149.2	527.1	778.5	*659.5*	340.5
82.5°	40.7	50.3	97.6	100.6	104.3	80.8	86.1	215.0	237.8	*182.1*	71.4
85°	19.8	21.1	49.7	70.6	70.3	40.7	42.0	76.8	74.9	*58.8*	23.8
87.5°	3.2	4.0	5.9	27.5	21.9	10.7	14.4	15.0	15.5	*13.4*	5.3
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: P1197968
CATALOG NUMBER: GPC-SB1B-830-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9
2.5°	614.6	601.2	573.1	547.2	526.9	507.3	496.4	487.0	481.7	480.6	480.6
5°	631.2	603.6	552.5	509.5	481.4	460.5	449.6	442.6	439.1	437.0	436.7
7.5°	655.0	614.6	541.8	492.9	463.5	448.5	442.9	441.8	441.5	441.8	442.6
10°	687.9	632.5	540.8	488.9	464.3	456.0	455.7	456.0	457.1	457.3	457.6
12.5°	723.4	651.0	545.0	492.4	474.4	469.9	469.1	468.8	469.6	470.2	470.4
15°	762.2	675.3	552.3	499.8	485.7	480.9	480.1	478.5	478.2	477.9	477.6
17.5°	802.1	699.4	560.3	507.9	492.9	486.2	483.3	479.5	476.6	475.8	476.6
20°	842.4	723.2	565.9	511.9	493.4	484.1	478.2	471.8	466.7	463.7	464.8
22.5°	885.5	748.0	569.4	510.8	488.6	475.8	465.1	457.6	449.8	444.8	445.0
25°	927.5	769.7	569.1	505.2	479.3	462.9	449.3	439.7	429.0	423.6	423.6
27.5°	967.9	789.2	562.4	495.3	465.9	447.7	431.4	419.9	409.5	404.4	404.1
30°	1009.6	805.5	552.0	480.9	450.1	430.0	412.1	402.2	392.9	388.1	387.8
32.5°	1051.0	820.5	537.3	462.9	431.9	412.7	395.0	385.9	380.3	380.3	380.6
35°	1094.9	830.9	517.8	442.1	412.7	394.2	380.3	375.0	374.4	371.2	370.4
37.5°	1141.2	837.6	494.0	420.7	393.7	376.3	372.0	365.6	360.2	353.3	352.2
40°	1189.8	844.3	465.3	398.5	373.6	364.0	362.1	353.6	338.3	321.2	318.8
42.5°	1248.9	848.9	435.7	376.3	352.5	349.3	352.0	337.2	312.9	300.1	300.3
45°	1317.4	856.3	408.4	354.4	330.8	330.8	342.1	322.8	302.7	294.7	296.1
47.5°	1406.2	873.7	383.0	330.3	310.8	316.1	320.1	305.4	294.2	284.3	284.0
50°	1534.6	915.4	356.8	306.0	295.5	306.2	300.6	292.0	278.9	270.9	270.1
52.5°	1694.0	940.1	333.5	284.0	282.4	293.1	285.1	277.1	267.2	256.5	254.3
55°	1802.5	944.6	314.0	268.0	273.6	272.5	269.6	262.4	257.0	242.8	243.1
57.5°	1924.0	953.7	297.9	258.3	268.0	256.2	255.1	249.0	242.0	232.4	229.2
60°	2069.2	967.9	284.0	254.6	263.2	245.5	240.2	237.8	230.8	226.0	227.3
62.5°	2227.5	980.7	269.8	255.1	257.5	235.1	227.1	226.3	222.0	220.4	220.4
65°	2335.6	945.7	252.2	254.6	248.7	224.4	214.2	214.0	210.5	209.9	209.7
67.5°	*2297.8*	*834.7*	*228.4*	*247.1*	*239.6*	*213.7*	*202.5*	*201.4*	*196.8*	*197.1*	*197.1*
70°	2109.0	676.4	195.5	228.7	228.4	204.1	190.2	186.7	180.5	181.6	182.7
72.5°	1754.9	501.2	151.4	197.9	210.5	195.2	176.0	170.4	162.6	163.7	163.4
75°	1267.4	340.7	110.2	150.6	183.2	184.8	162.1	152.4	143.1	144.7	145.2
77.5°	648.5	193.1	81.0	103.8	143.9	168.0	149.5	136.7	134.5	149.5	147.4
80°	211.5	96.8	56.2	72.7	94.4	137.5	131.0	116.3	115.8	119.3	102.4
82.5°	63.1	40.9	36.1	47.9	52.2	105.4	113.1	88.0	75.7	79.7	82.4
85°	21.7	19.8	20.6	23.8	24.9	61.8	79.2	58.3	55.1	60.7	59.9
87.5°	5.1	7.0	5.9	5.3	5.3	15.0	30.8	24.3	33.7	22.5	21.7
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

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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

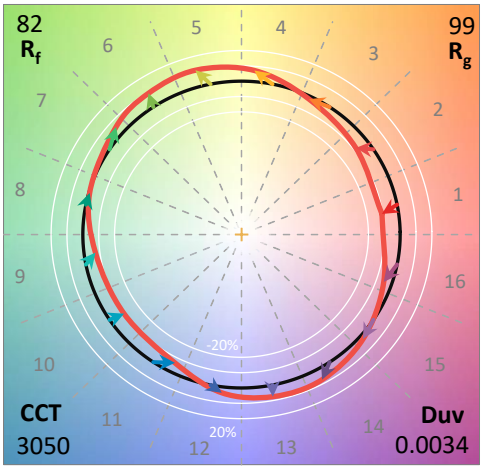
Test Information

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

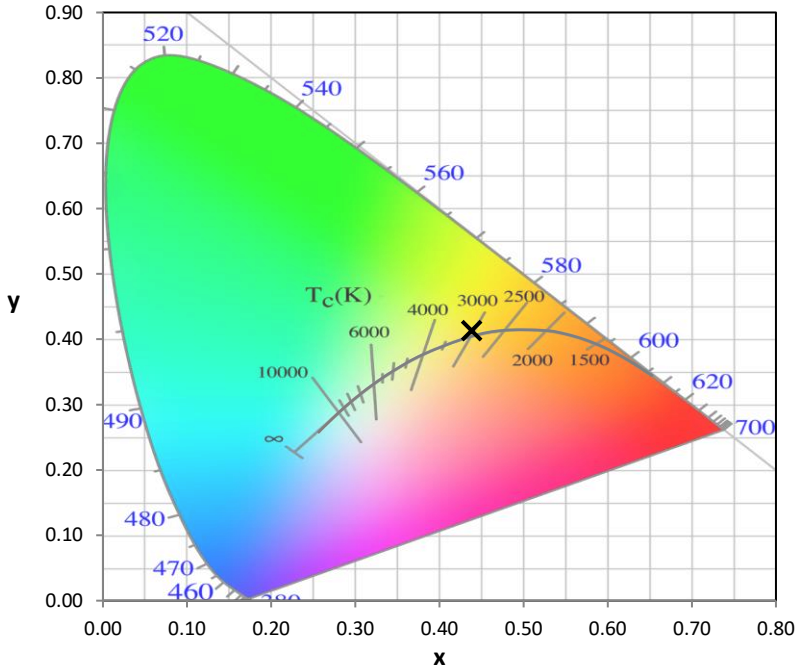
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

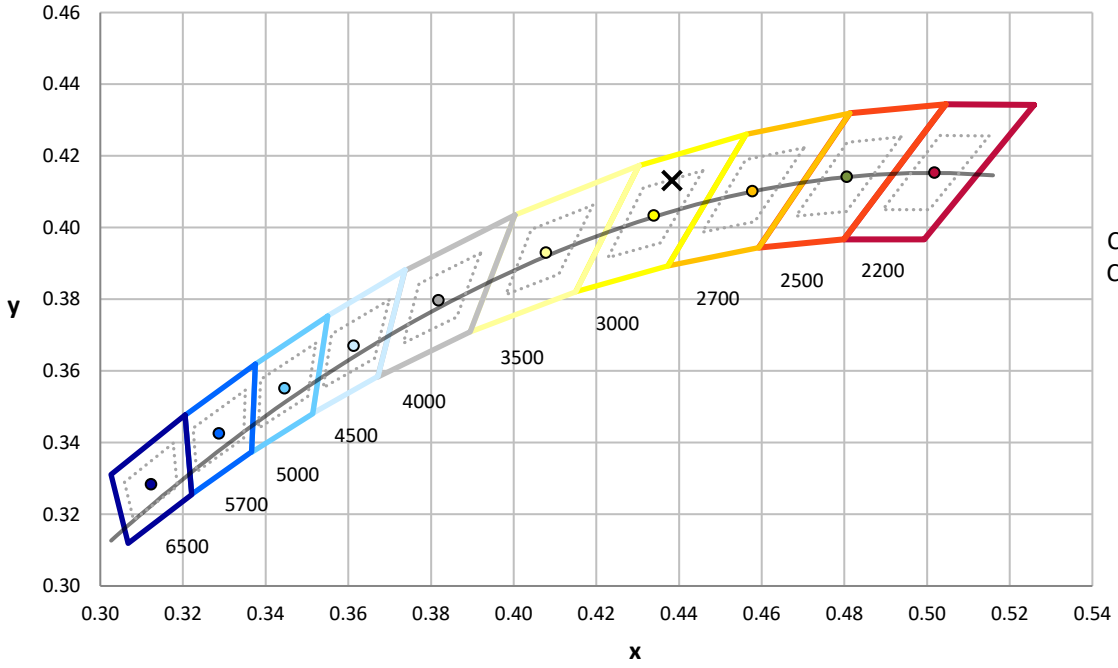
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

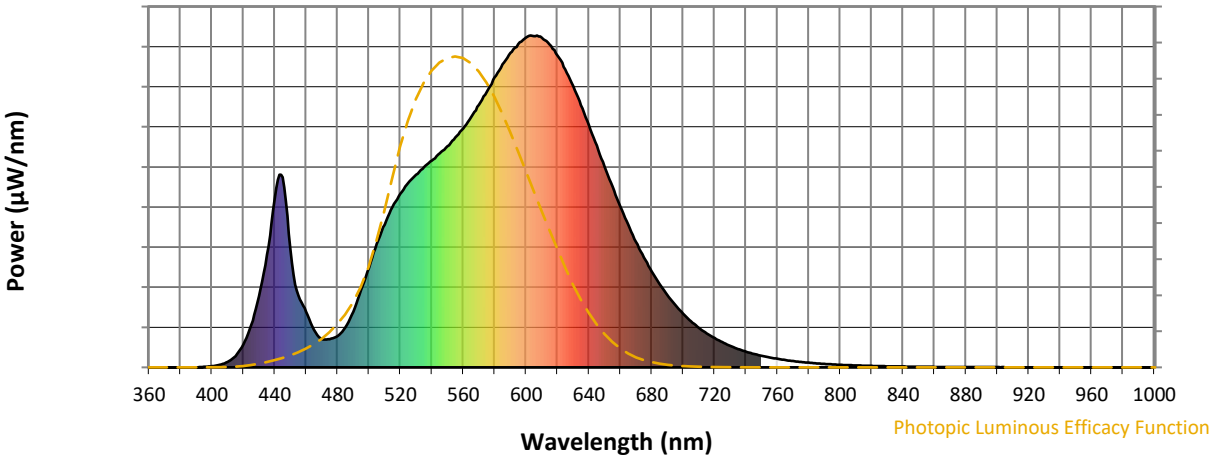


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

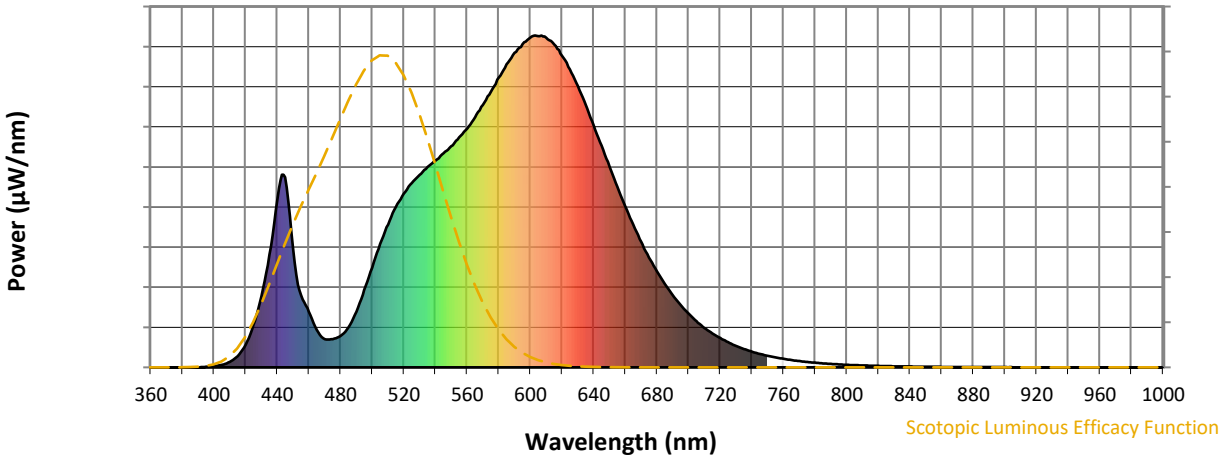


Photopic Lumens: NR

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

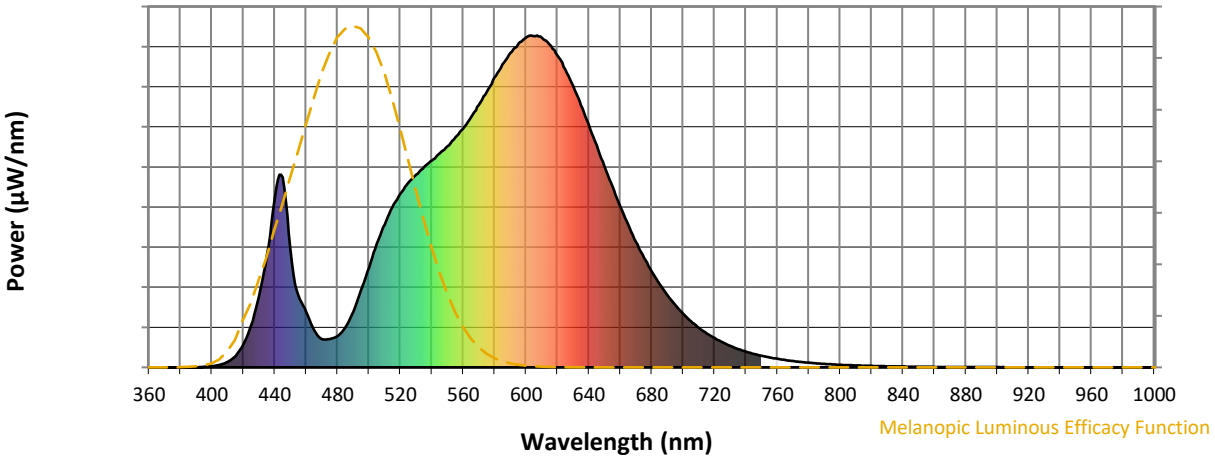


Scotopic Lumens: NR **S/P: 1.27**

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			

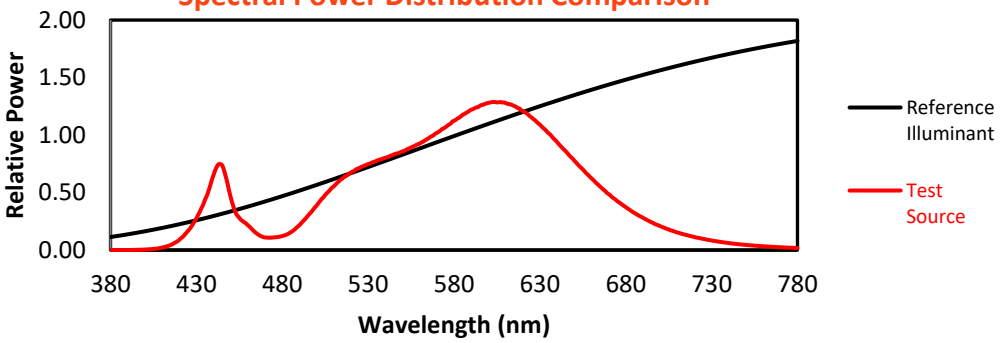
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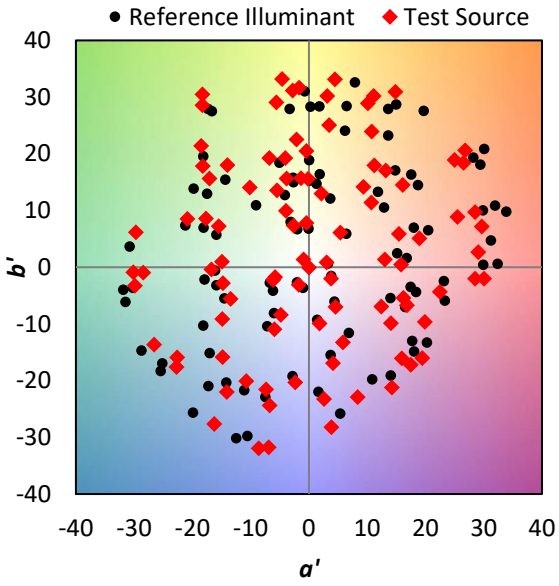
Summary

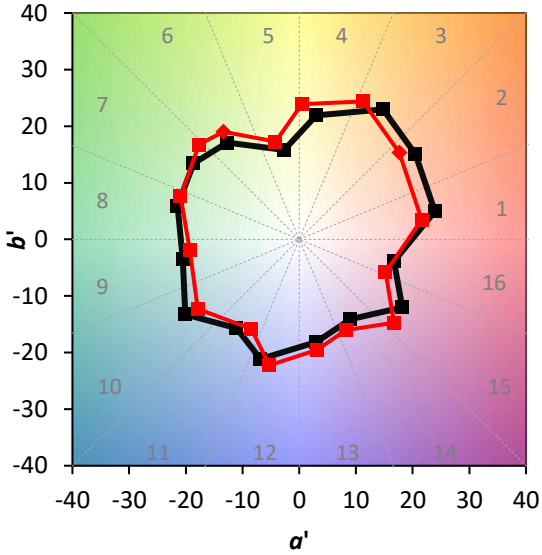
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

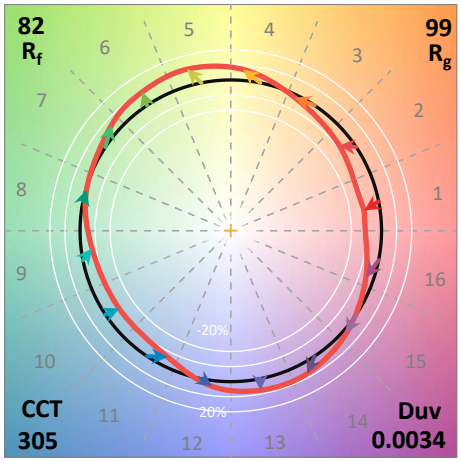
Spectral Power Distribution Comparison

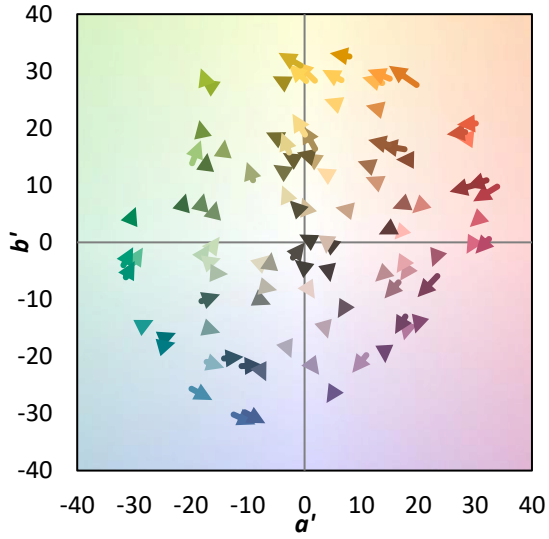


Color Vector Graphics







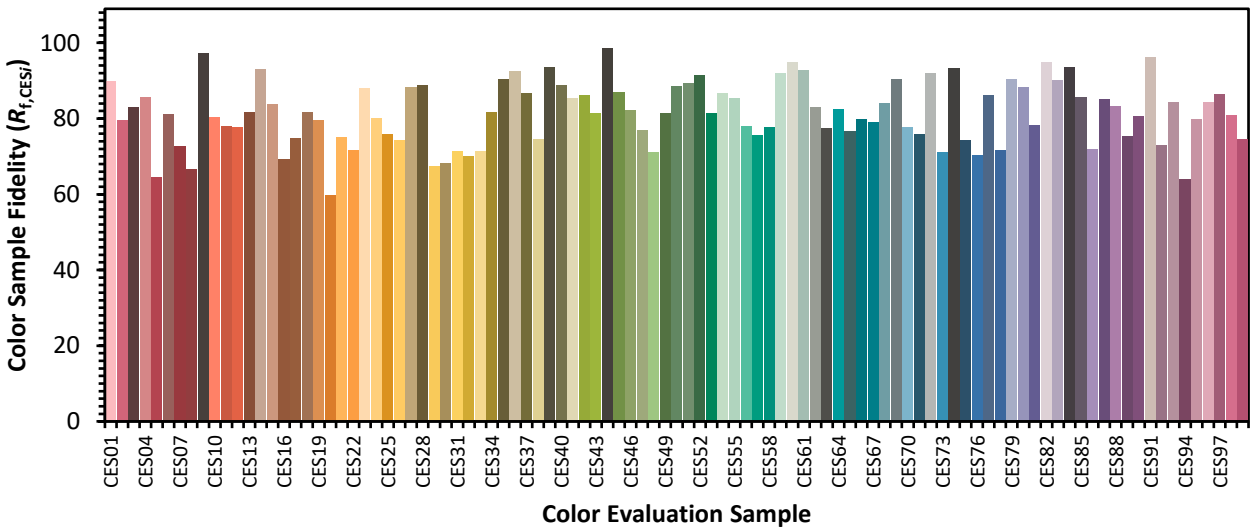


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Individual Sample Fidelity Index ($R_{f,i}$)

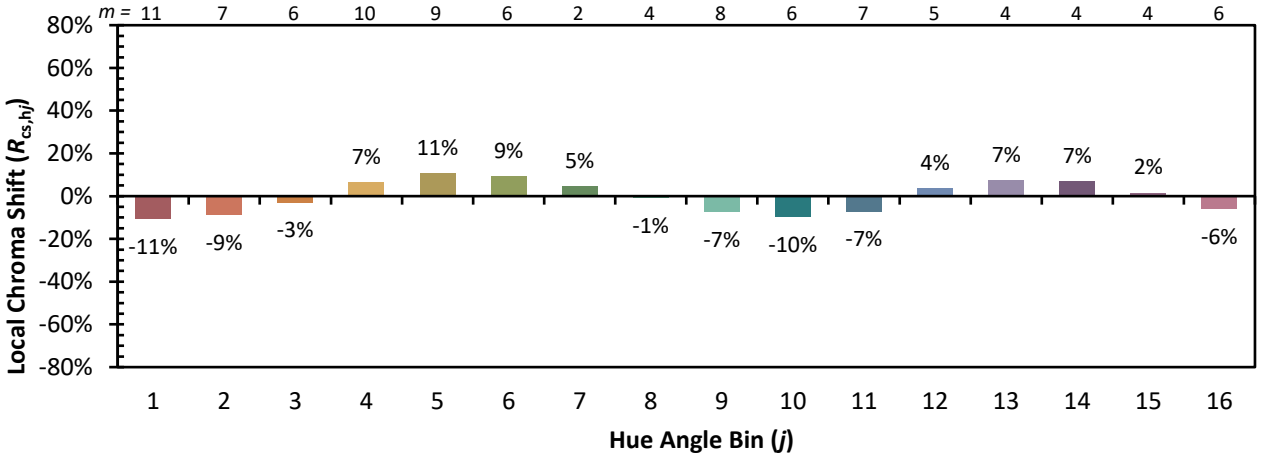
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

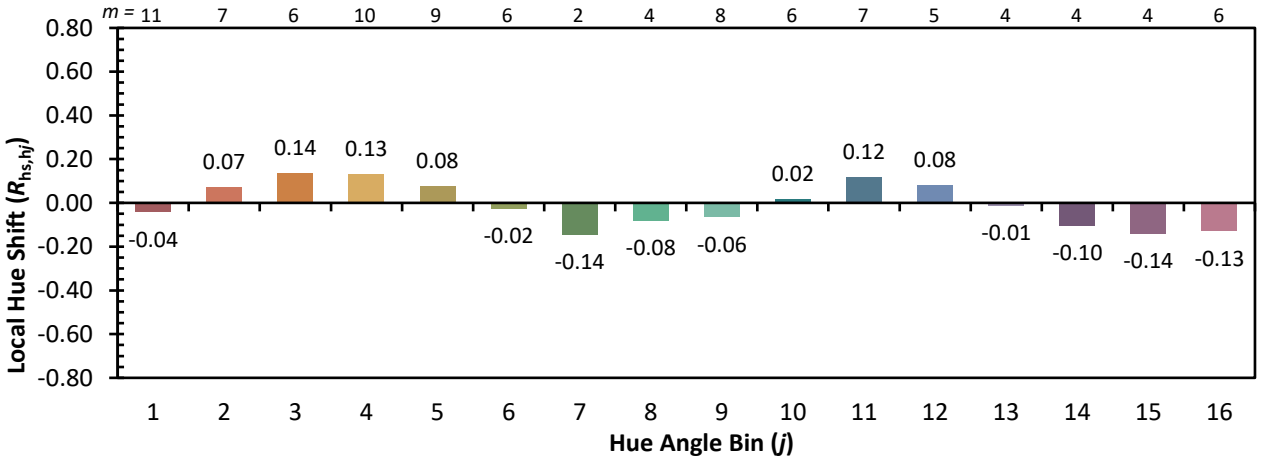


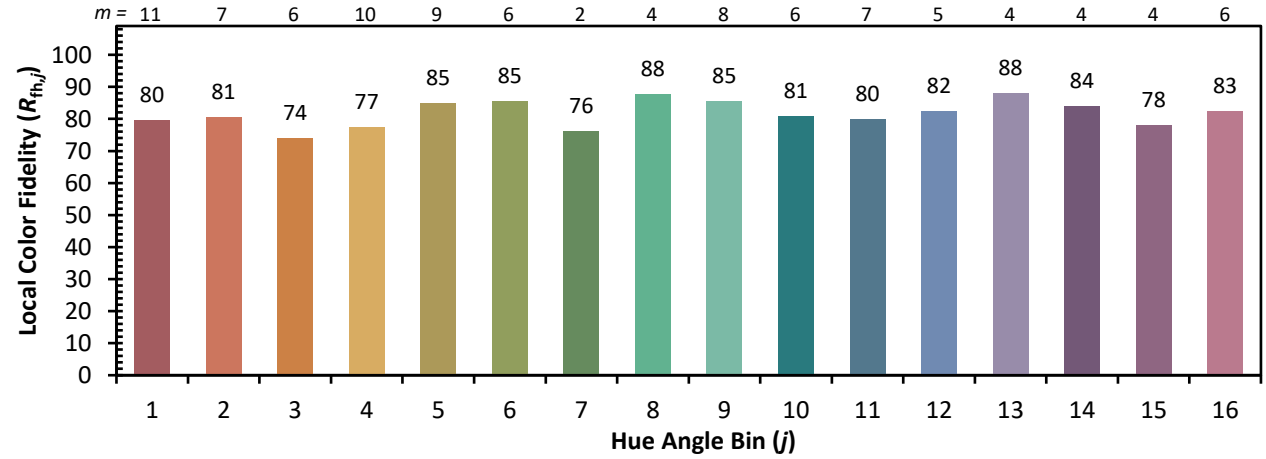
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Color Rendition by Hue-Angle Bin



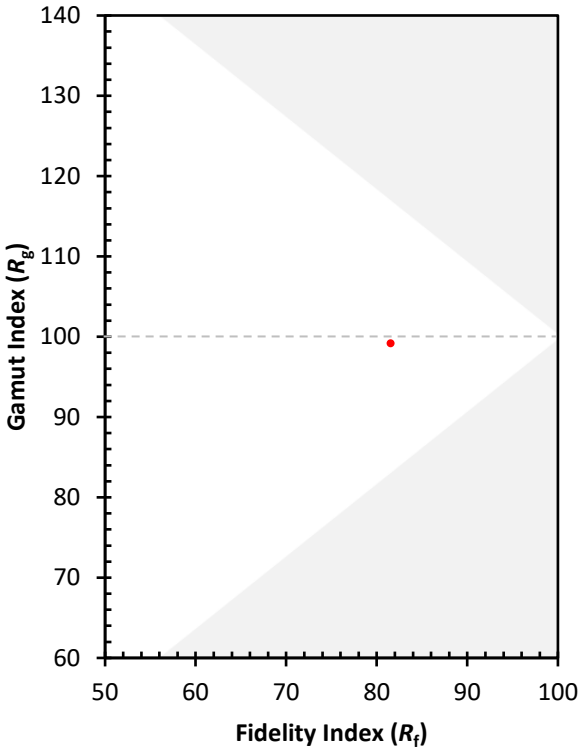


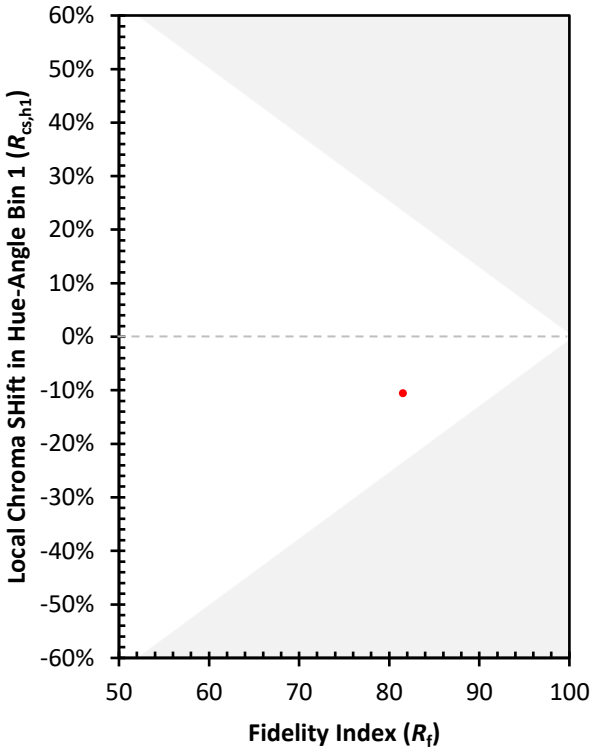


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Measure Comparisons





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