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: P1199401

Luminaire Tested: GPC-SB2A-830-U-T3

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:	P1199401
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-830-U-T3
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8064 lumens
Efficiency:	N/A
Efficacy:	140.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

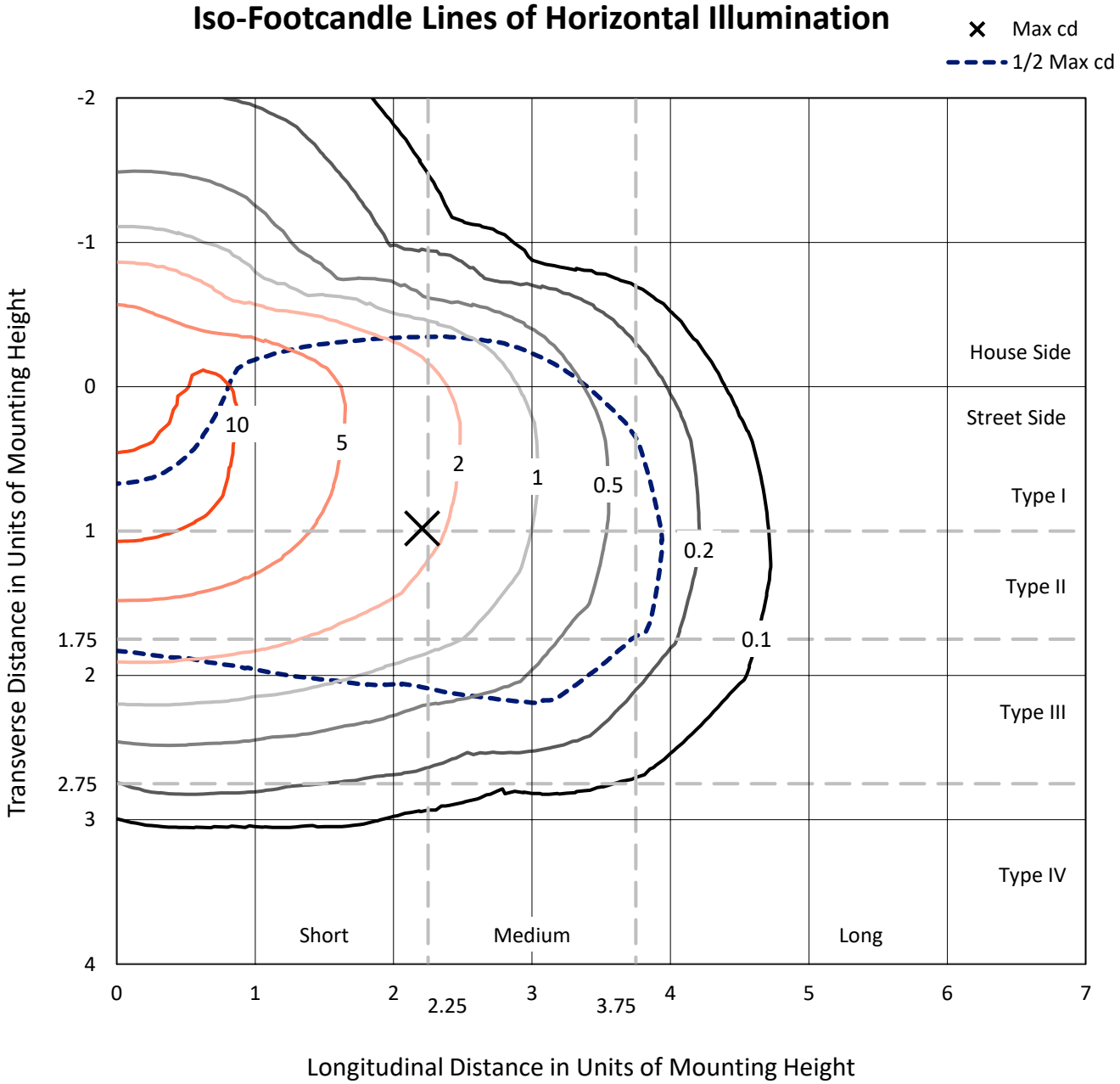


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Scaled Data Report

REPORT NUMBER: P1199401
CATALOG NUMBER: GPC-SB2A-830-U-T3

Iso-Footcandle Lines of Horizontal Illumination



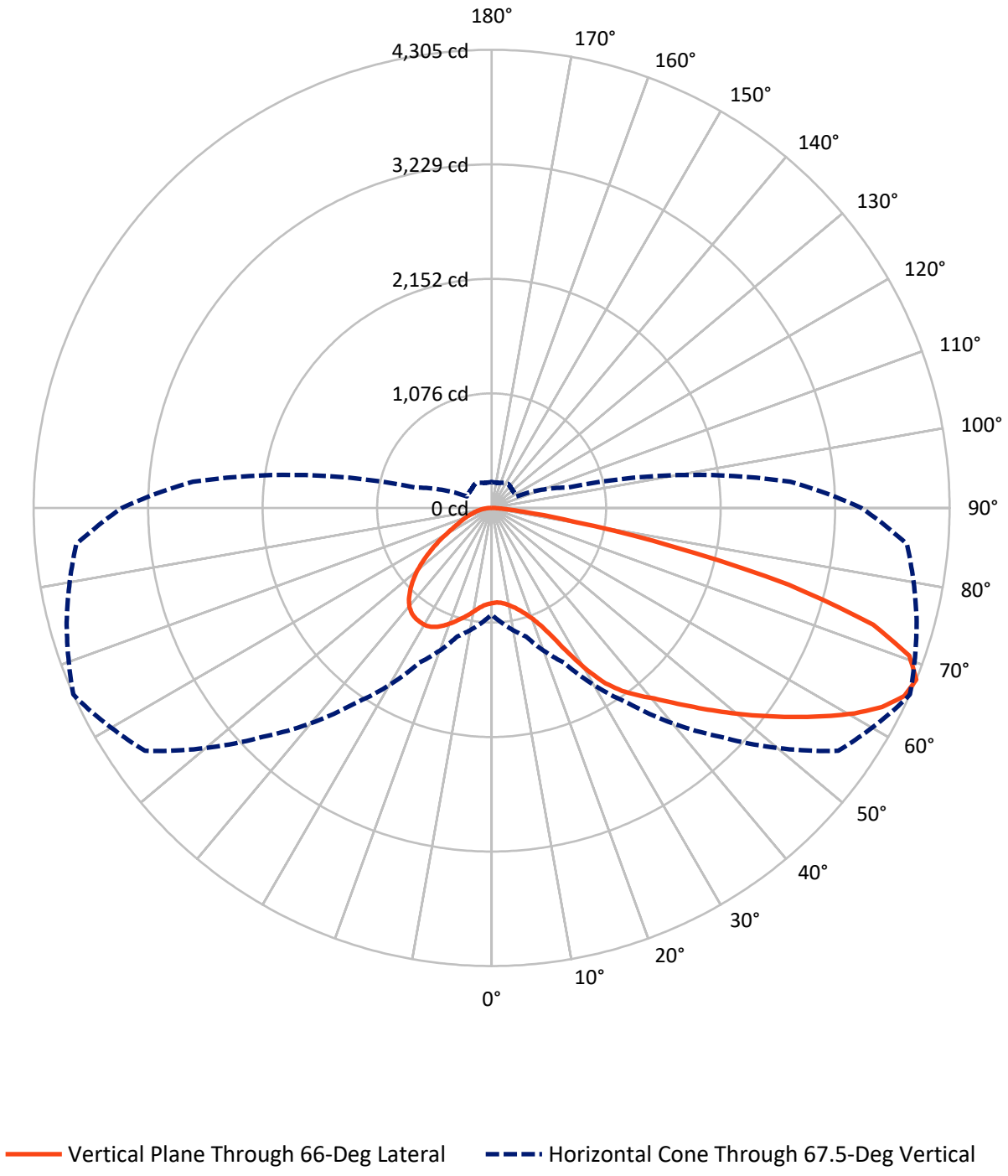
Based on 10 foot mounting height. Maximum calculated value = 12.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1199401
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Luminous Intensity Polar Plot



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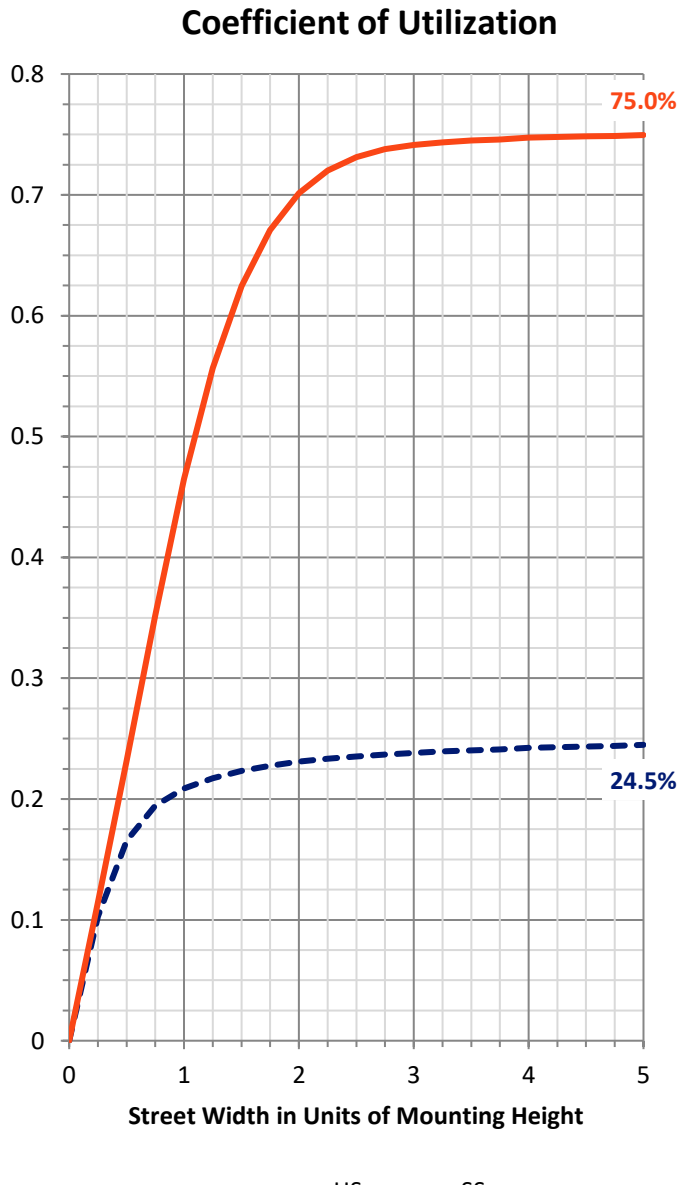
REPORT NUMBER: P1199401
CATALOG NUMBER: GPC-SB2A-830-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2005.1	0.0	2005.1
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	6058.9	0.0	6058.9
	% Fixture	75.1	0.0	75.1
Total	Lumens	8064.0	0.0	8064.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.7	1.1
10°-20°	293.0	3.6
20°-30°	564.7	7.0
30°-40°	990.1	12.3
40°-50°	1472.0	18.3
50°-60°	1865.9	23.1
60°-70°	1825.7	22.6
70°-80°	870.9	10.8
80°-90°	93.1	1.2
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°	8064.0	100.0
0°-180°	8064.0	100.0



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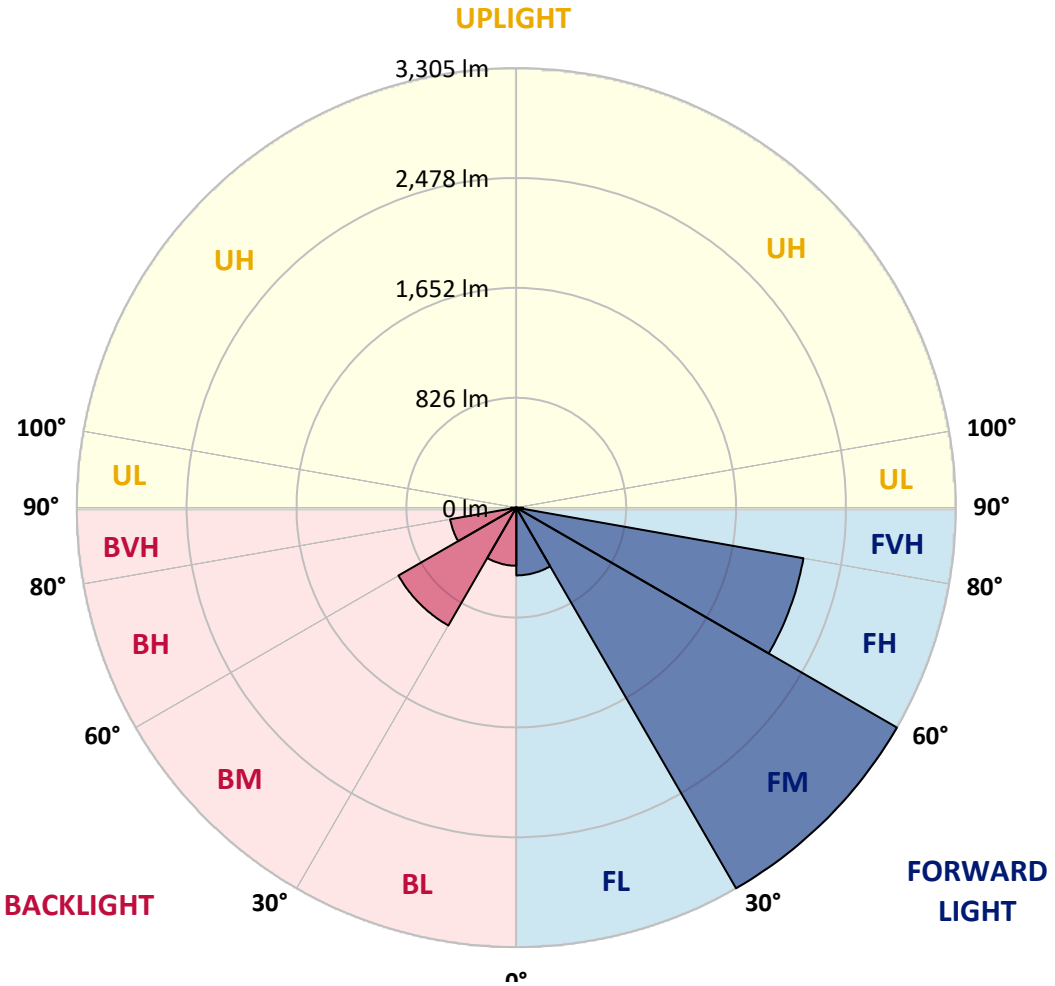
Scaled Data Report

REPORT NUMBER: P1199401
CATALOG NUMBER: GPC-SB2A-830-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	509.6	6.3			
FM	(30°-60°)	3304.6	41.0			
FH	(60°-80°)	2192.0	27.2			G2/5000
FVH	(80°-90°)	52.8	0.7			G1/100
BL	(0°-30°)	436.8	5.4	B1/500		
BM	(30°-60°)	1023.4	12.7	B2/2500		
BH	(60°-80°)	504.6	6.3	B2/1000		G2/1000
BVH	(80°-90°)	40.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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Scaled Data Report

REPORT NUMBER: P1199401
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	894.4	894.4	894.4	894.4	894.4	894.4	894.4	894.4	*894.4*	894.4	894.4
2.5°	885.1	890.2	888.9	886.8	886.4	887.2	888.5	889.7	*889.3*	891.4	894.8
5°	882.5	887.6	887.2	887.2	888.9	892.3	894.4	896.5	*894.4*	896.9	901.6
7.5°	884.2	888.0	889.7	891.4	895.7	902.0	907.1	911.8	*909.2*	912.2	918.1
10°	905.8	908.8	910.5	910.5	913.5	920.7	925.8	934.2	*932.1*	936.8	944.4
12.5°	945.2	948.2	948.2	946.5	948.6	953.3	955.0	964.3	*960.5*	968.1	975.8
15°	993.5	999.5	994.8	991.9	992.7	997.4	996.9	1004.1	*1000.3*	1006.7	1013.5
17.5°	1046.9	1054.6	1046.9	1046.5	1044.8	1049.9	1050.3	1056.7	*1049.9*	1054.6	1059.2
20°	1110.1	1120.7	1114.3	1116.4	1112.6	1114.7	1116.8	1126.2	*1115.6*	1119.0	1117.7
22.5°	1199.0	1211.7	1205.0	1213.0	1210.5	1208.8	1208.4	1224.9	*1208.4*	1209.6	1197.3
25°	1328.7	1343.9	1332.1	1343.1	1343.1	1348.6	1355.0	1376.1	*1348.6*	1340.5	1308.8
27.5°	1520.2	1535.4	1512.1	1518.9	1516.8	1530.4	1523.6	1576.1	*1546.5*	1533.3	1469.3
30°	1750.7	1777.8	1733.7	1732.0	1729.9	1751.5	1761.3	1796.0	*1765.9*	1752.8	1675.7
32.5°	1999.8	2028.2	1975.7	1960.4	1952.4	1965.5	1957.4	1985.4	*1964.6*	1944.3	1849.0
35°	2263.3	2291.3	2241.3	2211.6	2179.4	2151.9	2123.1	2130.3	*2110.8*	2079.9	1981.2
37.5°	2512.5	2563.7	2510.8	2479.0	2419.7	2365.9	2285.4	2251.9	*2233.7*	2205.3	2105.7
40°	2766.3	2795.5	2755.2	2728.1	2663.7	2579.4	2450.6	2379.9	*2355.3*	2327.7	2243.4
42.5°	2953.1	2981.1	2959.5	2940.8	2890.4	2792.5	2626.0	2537.5	*2501.9*	2470.9	2399.3
45°	3101.4	3122.2	3108.6	3115.4	3093.8	2998.9	2807.8	2706.5	*2669.7*	2631.9	2575.6
47.5°	3161.1	3183.2	3204.8	3245.0	3281.9	3212.0	3003.1	2889.5	*2850.6*	2812.0	2756.5
50°	3154.4	3176.8	3239.5	3325.1	3439.5	3416.2	3209.0	3084.4	*3048.4*	3004.4	2953.1
52.5°	3100.1	3125.5	3206.0	3348.4	3530.6	3569.1	3418.7	3285.7	*3251.8*	3199.3	3148.0
55°	2957.8	2973.0	3093.8	3295.4	3552.2	3675.9	3624.2	3500.1	*3466.2*	3392.9	3337.0
57.5°	2693.8	2715.8	2891.7	3152.7	3498.0	3748.4	3804.7	3725.5	*3692.9*	3587.4	3528.9
60°	2349.3	2384.5	2585.8	2912.9	3359.8	3747.9	3968.7	3947.1	*3920.0*	3778.9	3717.9
62.5°	1959.6	2000.2	2193.9	2573.9	3118.3	3641.6	4071.2	4132.6	*4118.7*	3955.5	3877.6
65°	1504.9	1532.9	1725.7	2135.4	2742.5	3413.2	4083.1	4259.3	*4261.9*	4089.9	3961.1
67.5°	*1002.0*	*1082.5*	*1249.9*	*1602.4*	*2239.2*	*3040.0*	*3978.8*	*4280.1*	*4304.7*	*4136.0*	*3919.1*
70°	488.9	594.9	758.8	1041.4	1602.4	2467.6	3706.4	4109.8	*4164.4*	4001.3	3669.1
72.5°	202.9	237.3	326.7	513.9	919.8	1665.1	3159.0	3647.9	*3749.2*	3545.4	3084.9
75°	136.9	148.3	186.8	263.5	419.0	821.1	2278.2	2720.1	*2883.2*	2677.7	2188.8
77.5°	105.5	112.7	136.0	184.3	249.1	310.6	1219.4	1639.2	*1723.6*	1595.6	1138.9
80°	83.0	88.6	101.7	134.3	176.7	166.1	415.6	742.7	*791.4*	663.9	366.1
82.5°	72.0	74.1	72.9	91.1	117.4	97.0	136.4	274.1	*302.5*	219.5	119.5
85°	52.1	58.0	60.6	56.4	62.3	49.1	55.9	97.0	*106.8*	95.3	67.4
87.5°	21.2	31.4	38.6	36.4	22.9	14.0	17.4	28.4	*32.6*	35.6	22.0
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: P1199401
CATALOG NUMBER: GPC-SB2A-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	894.4	894.4	894.4	894.4	894.4	894.4	894.4	894.4	894.4	894.4	894.4
2.5°	895.3	898.2	900.3	902.9	904.6	907.1	912.2	915.2	915.6	917.7	917.3
5°	903.3	907.5	912.2	919.0	926.6	933.0	942.7	949.5	952.0	954.1	953.7
7.5°	920.7	926.6	935.1	946.9	958.0	966.4	978.3	986.3	994.4	997.4	997.8
10°	946.5	955.0	967.3	983.4	995.2	1006.3	1018.5	1025.3	1033.4	1036.8	1038.5
12.5°	978.7	987.6	1003.7	1026.2	1037.2	1044.8	1049.1	1047.4	1049.1	1052.0	1052.9
15°	1015.6	1025.3	1043.5	1067.7	1075.3	1068.5	1059.2	1050.7	1049.5	1050.3	1053.3
17.5°	1059.2	1066.4	1087.6	1107.9	1102.4	1074.5	1054.1	1040.6	1033.8	1031.7	1034.6
20°	1120.2	1120.2	1137.6	1150.3	1113.5	1066.0	1034.2	1012.2	998.2	992.3	991.0
22.5°	1194.4	1187.6	1198.6	1189.7	1111.3	1042.3	998.2	960.1	938.9	930.4	929.1
25°	1288.4	1280.4	1277.4	1222.3	1096.1	1004.6	933.0	886.8	868.1	863.5	864.3
27.5°	1430.4	1410.0	1371.5	1240.1	1068.1	945.2	856.7	813.9	803.3	803.7	805.0
30°	1619.3	1578.7	1484.2	1243.1	1022.4	861.4	778.7	748.2	743.1	745.3	752.5
32.5°	1794.3	1755.8	1599.4	1229.5	952.0	779.2	708.8	688.5	680.9	683.4	686.8
35°	1931.6	1921.0	1706.2	1210.5	865.6	702.1	646.1	628.8	613.9	610.5	613.1
37.5°	2061.2	2057.0	1786.3	1183.8	780.0	647.4	595.7	572.8	551.2	539.4	539.8
40°	2203.6	2199.4	1838.8	1142.7	704.2	599.9	550.4	520.3	493.6	472.0	474.1
42.5°	2363.8	2338.8	1863.8	1083.8	639.8	559.7	513.5	472.8	437.7	417.8	419.0
45°	2538.7	2482.4	1863.4	1008.8	585.5	522.8	474.1	416.5	383.9	365.2	364.4
47.5°	2724.3	2619.7	1840.5	925.8	533.0	482.2	413.1	369.0	347.4	336.0	333.4
50°	2915.8	2748.0	1801.5	830.4	479.2	436.0	375.0	344.9	328.4	317.8	314.0
52.5°	3095.9	2864.6	1754.5	722.4	424.5	391.1	358.0	334.7	317.3	305.5	300.4
55°	3263.2	2965.0	1688.0	611.8	380.0	361.0	350.0	330.5	310.6	296.6	291.1
57.5°	3412.0	3030.2	1573.2	508.0	348.3	340.2	341.5	323.3	300.4	288.5	280.9
60°	3535.7	3078.1	1403.3	411.8	322.4	319.9	328.4	309.7	283.0	269.5	263.5
62.5°	3609.8	3077.2	1194.8	337.3	300.4	301.2	311.0	292.8	265.7	252.9	249.1
65°	3603.5	3001.8	966.0	288.5	279.2	280.1	292.8	274.1	251.2	243.6	243.2
67.5°	*3475.9*	*2817.9*	*741.0*	*256.8*	*255.9*	*259.7*	*274.5*	*261.4*	*242.3*	*241.5*	*242.8*
70°	3130.6	2436.2	533.8	231.3	231.8	237.3	256.8	253.4	237.7	239.4	239.0
72.5°	2510.3	1857.4	358.4	204.6	205.1	214.0	239.8	247.0	233.0	255.5	258.9
75°	1671.9	1158.4	230.5	176.3	176.7	188.1	225.0	234.7	220.3	254.6	256.8
77.5°	803.3	520.7	166.9	148.3	148.3	158.9	194.5	210.1	187.7	197.9	181.3
80°	277.5	195.7	131.3	119.5	116.9	124.1	164.0	182.2	161.8	149.1	139.8
82.5°	109.3	101.7	105.5	92.8	84.3	89.0	127.5	150.4	119.1	107.6	107.2
85°	62.7	66.1	74.6	61.4	48.7	54.7	93.6	108.0	89.8	79.2	80.9
87.5°	16.9	23.3	34.3	31.8	22.0	23.3	44.5	59.7	51.7	39.8	41.1
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

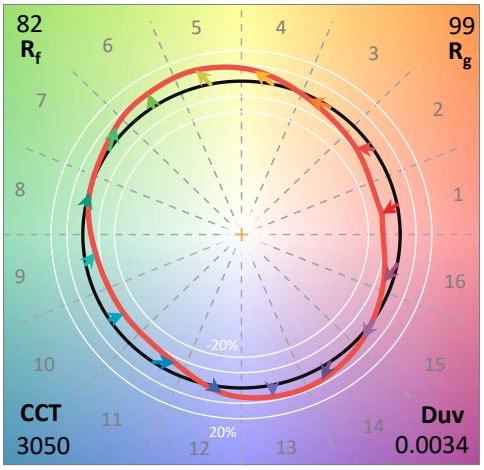
Test Information

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

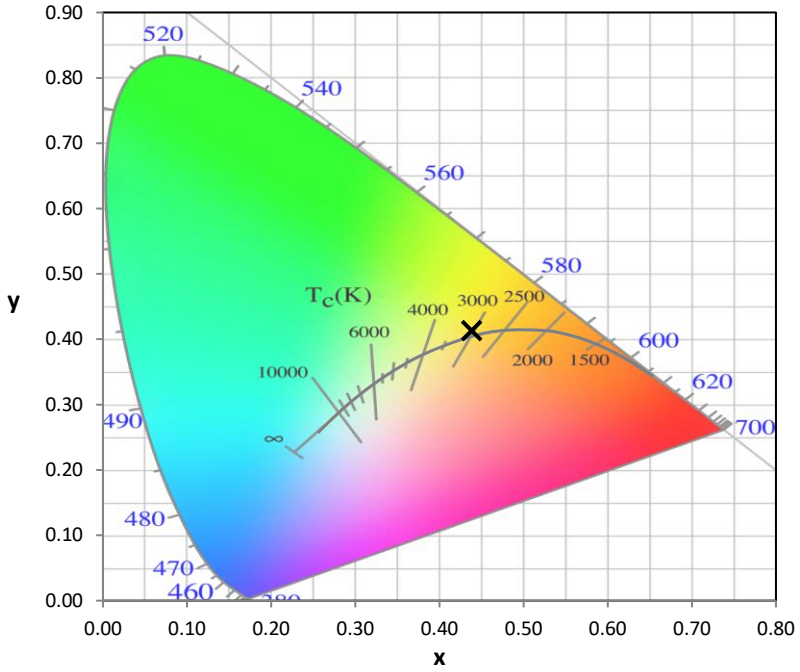
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

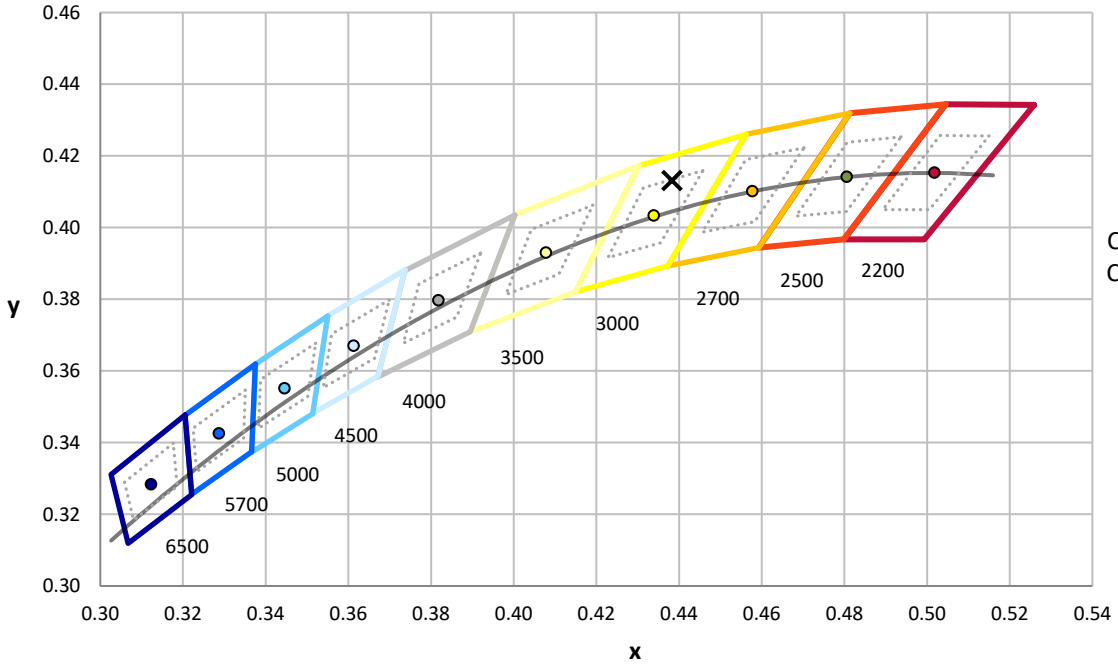
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

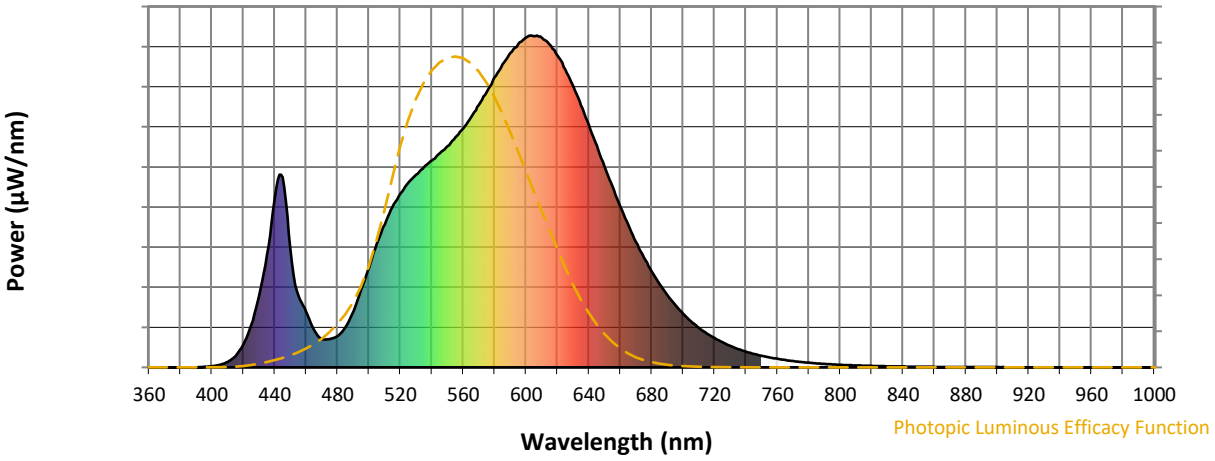


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

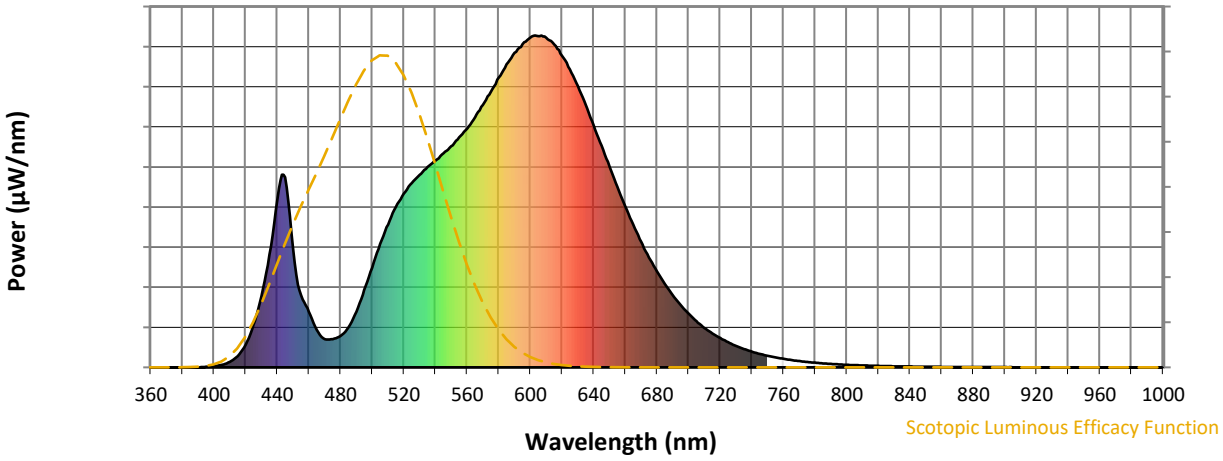


Photopic Lumens: NR

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

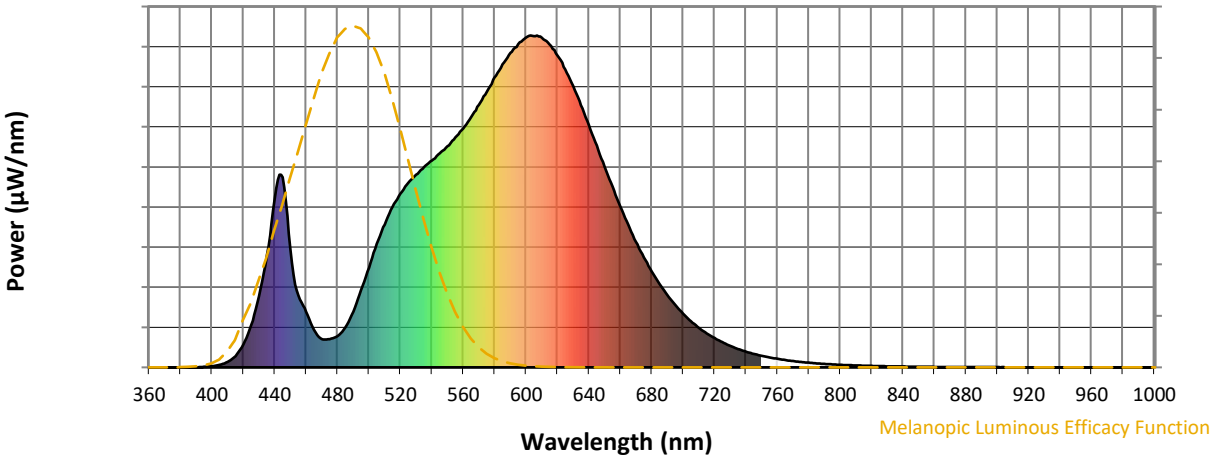


Scotopic Lumens: NR **S/P: 1.27**

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			

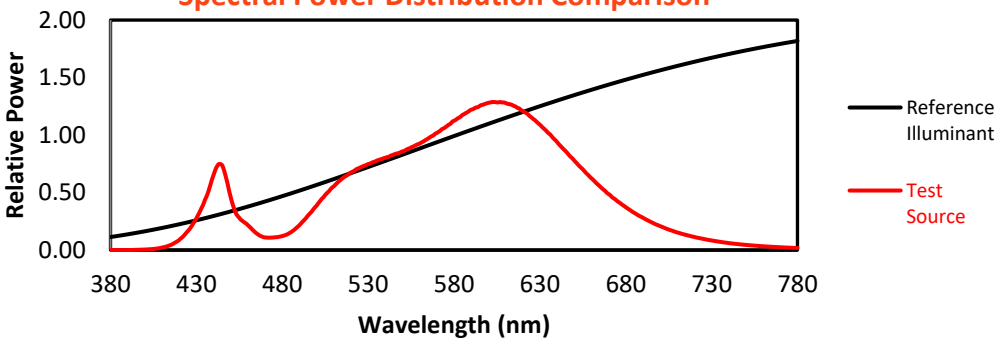
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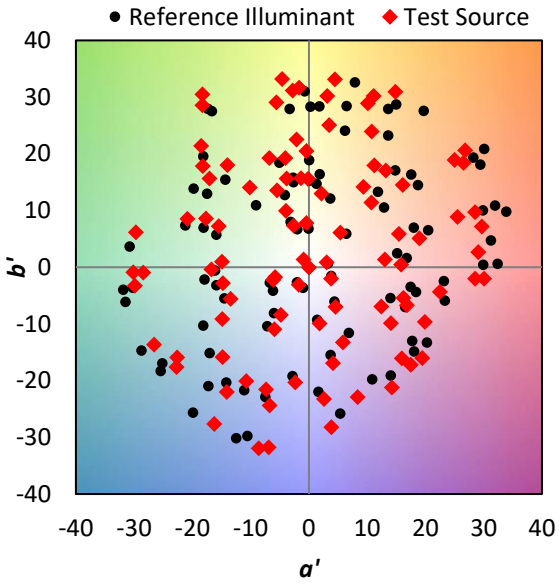
Summary

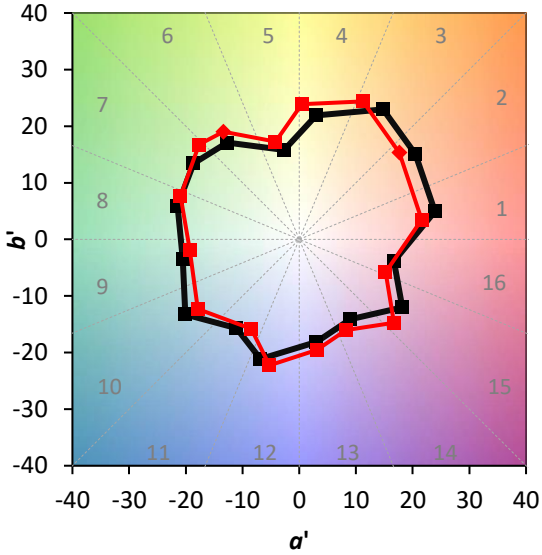
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

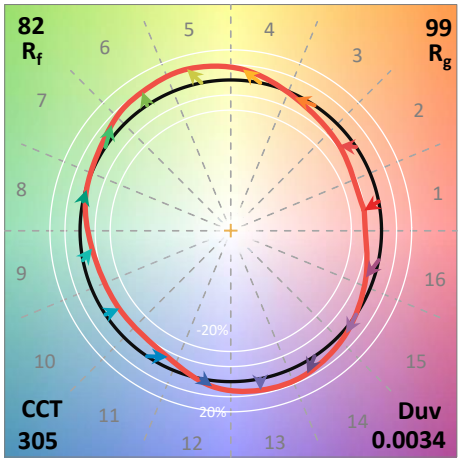
Spectral Power Distribution Comparison

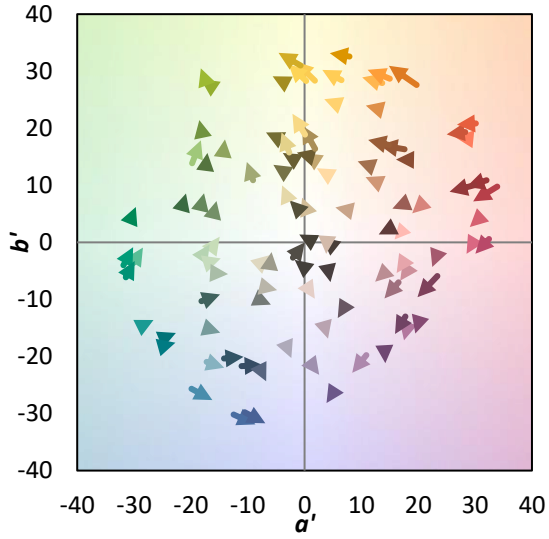


Color Vector Graphics







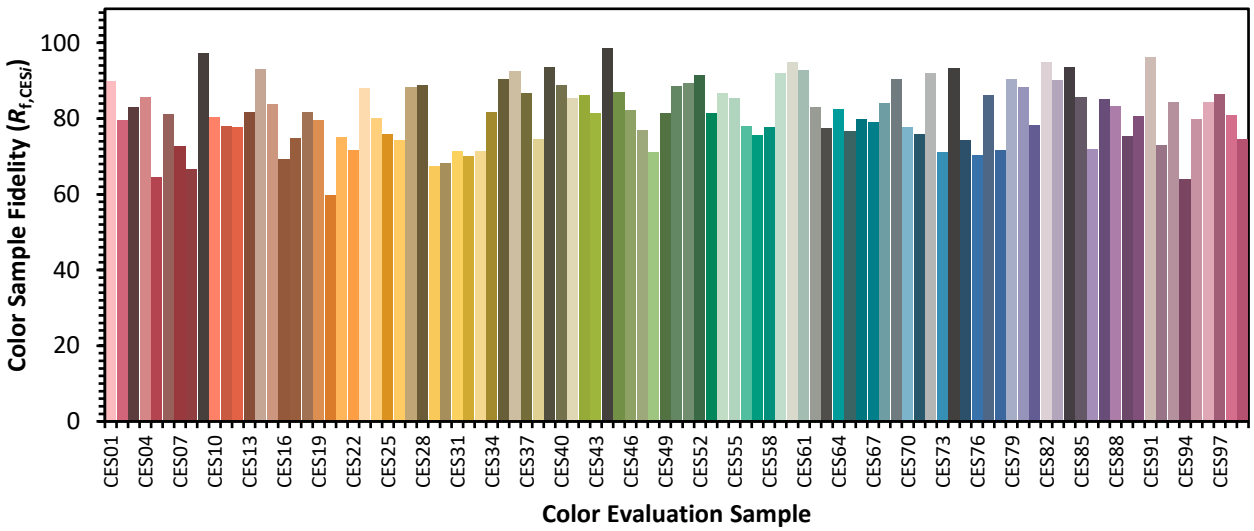


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Individual Sample Fidelity Index ($R_{f,i}$)

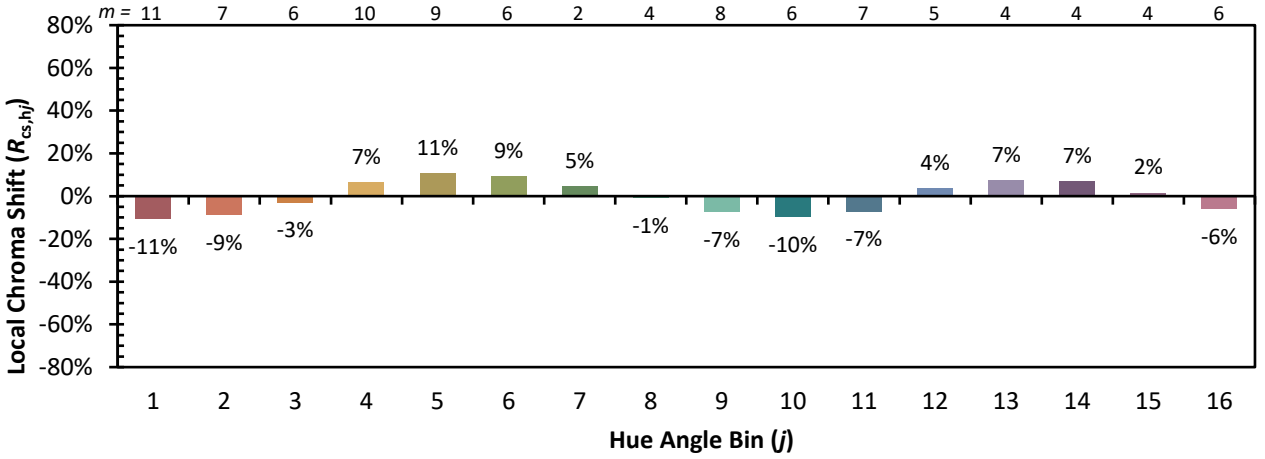
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

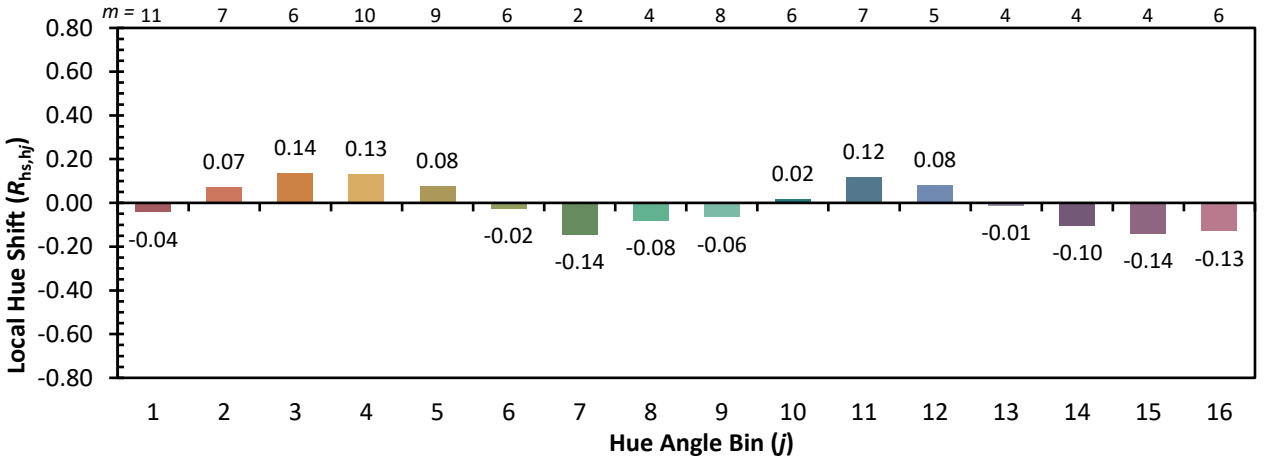


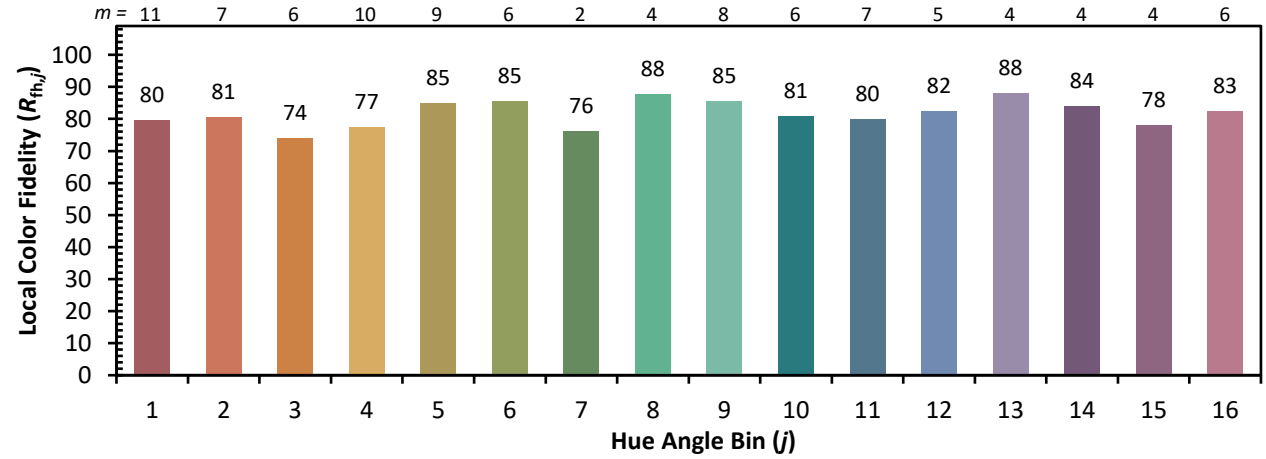
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Color Rendition by Hue-Angle Bin



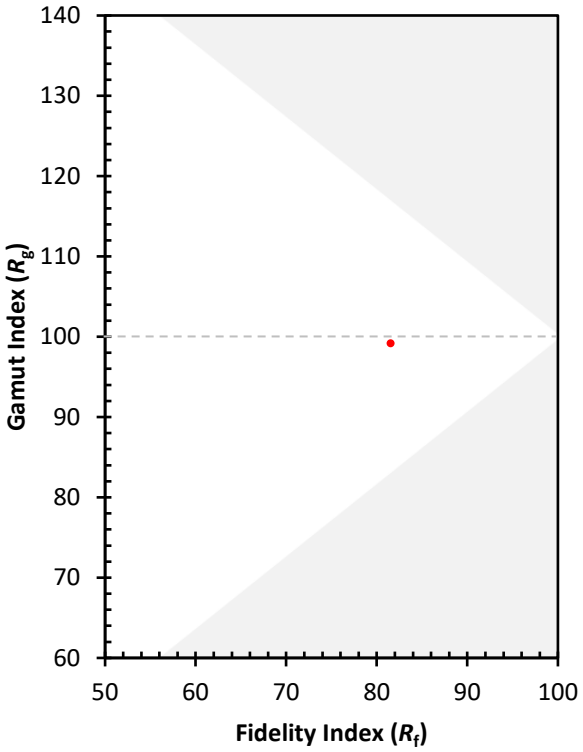


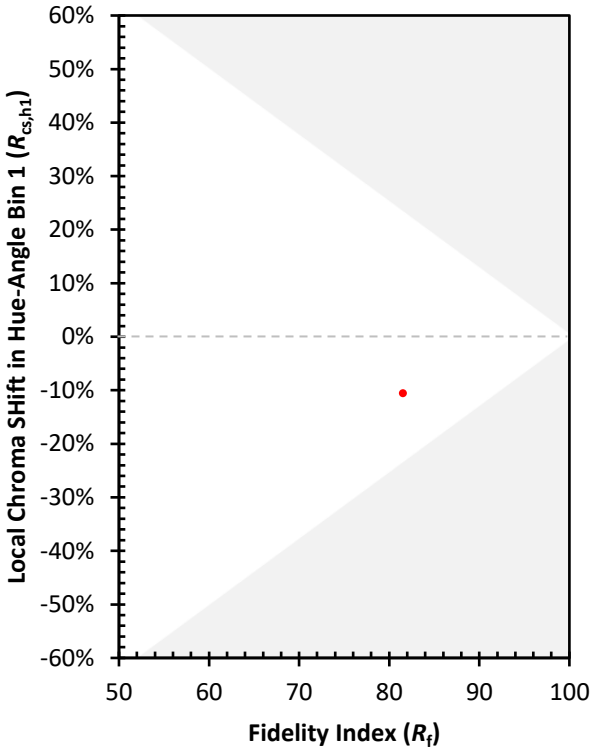


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Measure Comparisons





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