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: P1198449

Luminaire Tested: GPC-SB1C-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:	P1198449
	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-SB1C-830-U-T3
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6770 lumens
Efficiency:	N/A
Efficacy:	124.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

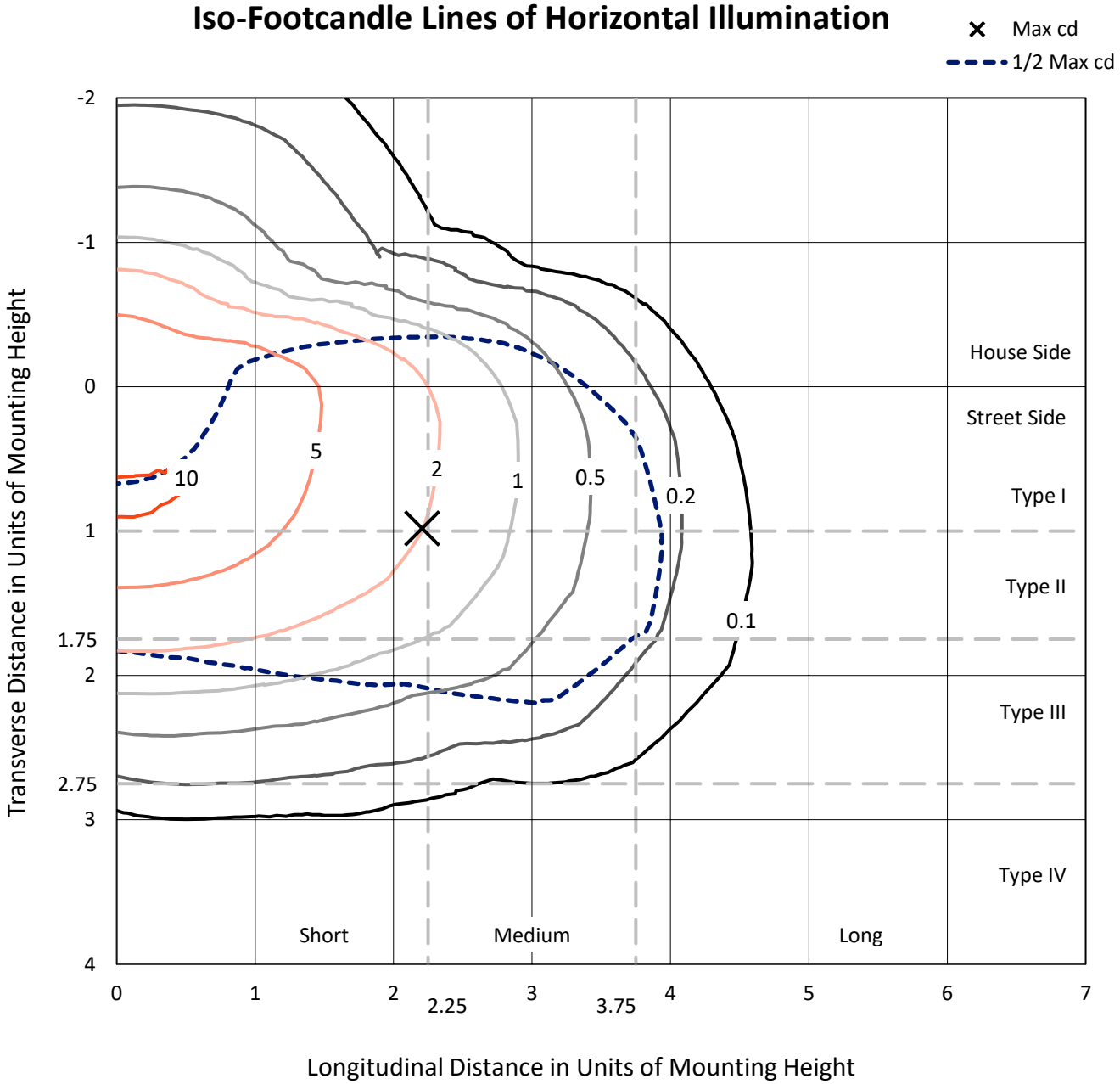


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Scaled Data Report

REPORT NUMBER: P1198449
CATALOG NUMBER: GPC-SB1C-830-U-T3

Iso-Footcandle Lines of Horizontal Illumination



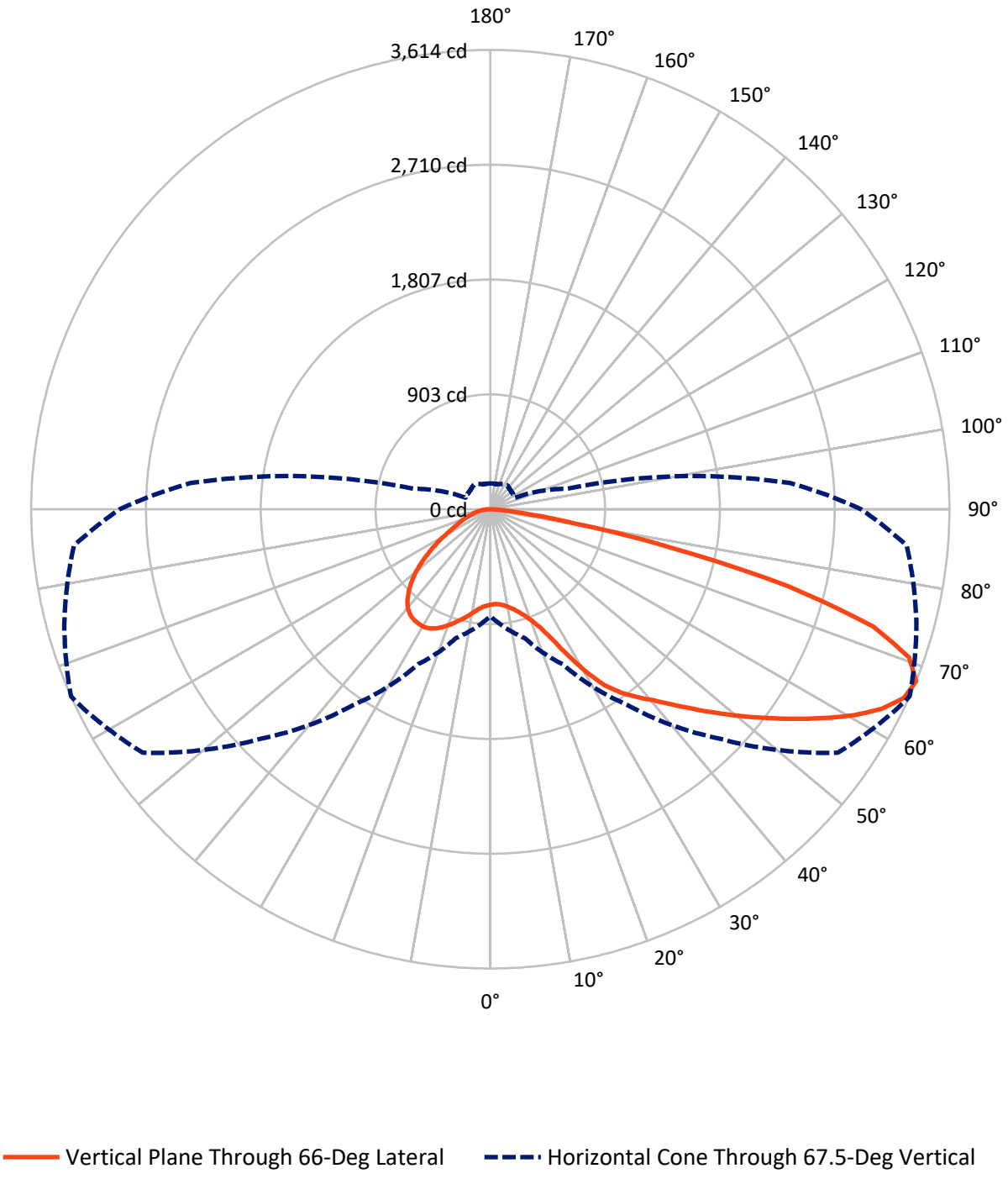
Based on 10 foot mounting height. Maximum calculated value = 10.6 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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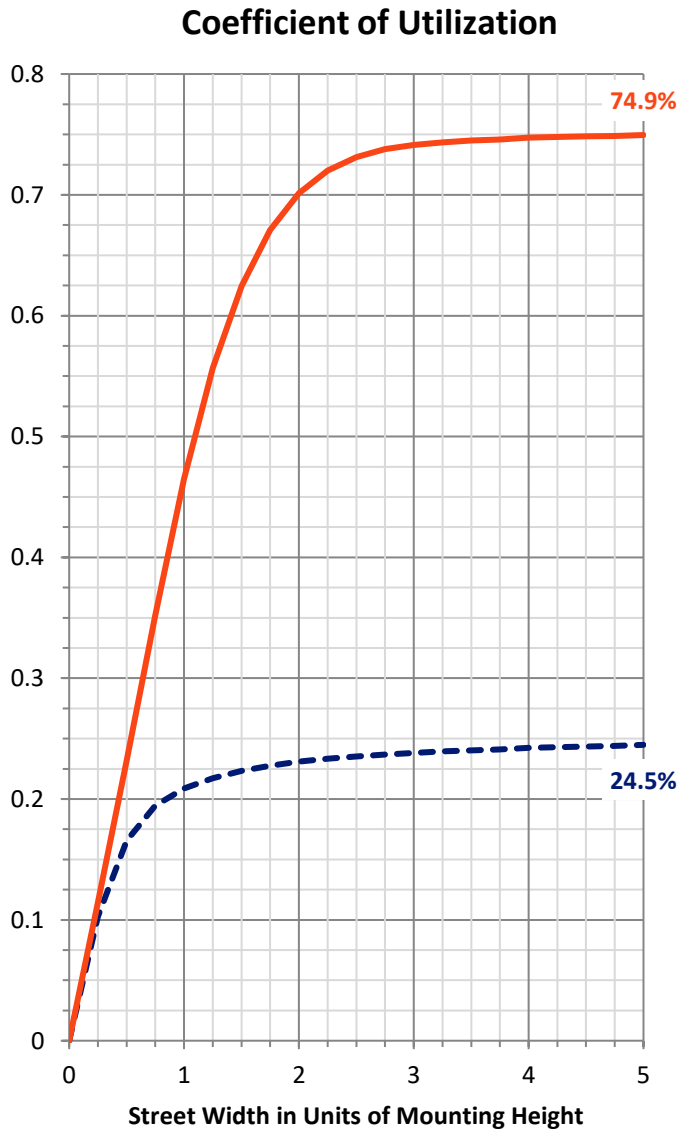
REPORT NUMBER: P1198449
CATALOG NUMBER: GPC-SB1C-830-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1683.3	0.0	1683.3
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	5086.7	0.0	5086.7
	% Fixture	75.1	0.0	75.1
Total	Lumens	6770.0	0.0	6770.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.4	1.1
10°-20°	246.0	3.6
20°-30°	474.1	7.0
30°-40°	831.2	12.3
40°-50°	1235.8	18.3
50°-60°	1566.5	23.1
60°-70°	1532.7	22.6
70°-80°	731.1	10.8
80°-90°	78.1	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°	6770.0	100.0
0°-180°	6770.0	100.0



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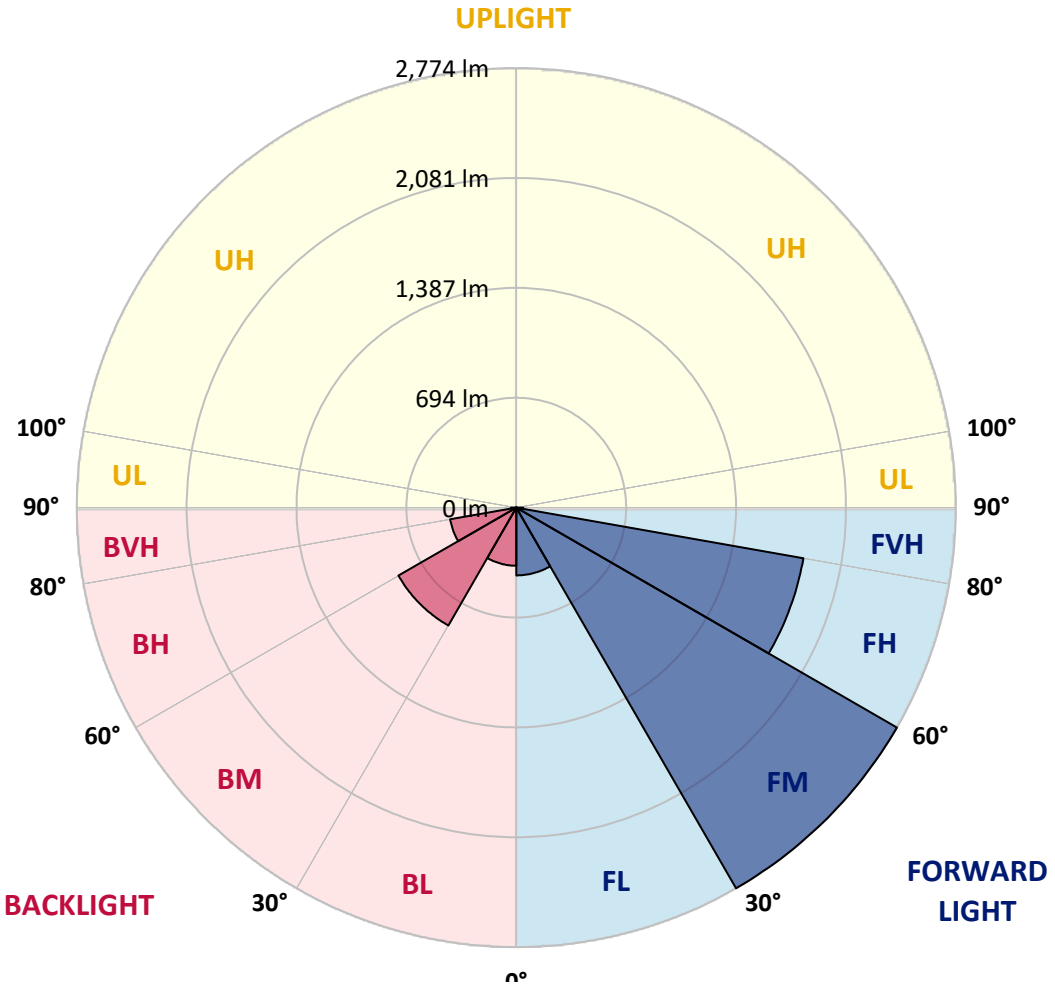
Scaled Data Report

REPORT NUMBER: P1198449
CATALOG NUMBER: GPC-SB1C-830-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	427.8	6.3			
FM	(30°-60°)	2774.3	41.0			
FH	(60°-80°)	1840.3	27.2			G2/5000
FVH	(80°-90°)	44.3	0.7			G1/100
BL	(0°-30°)	366.7	5.4	B1/500		
BM	(30°-60°)	859.2	12.7	B1/1000		
BH	(60°-80°)	423.6	6.3	B1/500		G1/500
BVH	(80°-90°)	33.8	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-G2
Type III Short



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Scaled Data Report

REPORT NUMBER: P1198449
CATALOG NUMBER: GPC-SB1C-830-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	750.9	750.9	750.9	750.9	750.9	750.9	750.9	750.9	*750.9*	750.9	750.9
2.5°	743.1	747.3	746.3	744.5	744.1	744.8	745.9	747.0	*746.6*	748.4	751.2
5°	740.9	745.2	744.8	744.8	746.3	749.1	750.9	752.7	*750.9*	753.0	756.9
7.5°	742.3	745.5	747.0	748.4	751.9	757.3	761.6	765.5	*763.3*	765.8	770.8
10°	760.5	763.0	764.4	764.4	766.9	772.9	777.2	784.3	*782.5*	786.5	792.9
12.5°	793.6	796.1	796.1	794.6	796.4	800.3	801.7	809.6	*806.4*	812.8	819.2
15°	834.1	839.1	835.2	832.7	833.4	837.3	837.0	843.0	*839.8*	845.1	850.8
17.5°	878.9	885.3	878.9	878.6	877.2	881.4	881.8	887.1	*881.4*	885.3	889.2
20°	931.9	940.8	935.5	937.3	934.1	935.8	937.6	945.5	*936.6*	939.4	938.3
22.5°	1006.6	1017.3	1011.6	1018.4	1016.2	1014.8	1014.5	1028.3	*1014.5*	1015.5	1005.2
25°	1115.5	1128.3	1118.3	1127.6	1127.6	1132.2	1137.5	1155.3	*1132.2*	1125.4	1098.8
27.5°	1276.3	1289.1	1269.5	1275.2	1273.4	1284.8	1279.1	1323.2	*1298.3*	1287.3	1233.6
30°	1469.8	1492.5	1455.5	1454.1	1452.3	1470.5	1478.6	1507.8	*1482.6*	1471.5	1406.8
32.5°	1678.9	1702.7	1658.6	1645.8	1639.1	1650.1	1643.3	1666.8	*1649.4*	1632.3	1552.3
35°	1900.1	1923.6	1881.7	1856.8	1829.7	1806.6	1782.4	1788.5	*1772.1*	1746.1	1663.3
37.5°	2109.3	2152.3	2107.9	2081.2	2031.4	1986.2	1918.6	1890.5	*1875.2*	1851.4	1767.8
40°	2322.4	2346.9	2313.1	2290.4	2236.3	2165.5	2057.4	1998.0	*1977.3*	1954.2	1883.4
42.5°	2479.2	2502.7	2484.6	2468.9	2426.6	2344.4	2204.6	2130.3	*2100.4*	2074.4	2014.3
45°	2603.7	2621.2	2609.8	2615.5	2597.3	2517.6	2357.2	2272.2	*2241.3*	2209.6	2162.3
47.5°	2653.9	2672.4	2690.5	2724.3	2755.3	2696.6	2521.2	2425.9	*2393.1*	2360.8	2314.2
50°	2648.2	2667.0	2719.7	2791.5	2887.6	2868.0	2694.1	2589.5	*2559.3*	2522.3	2479.2
52.5°	2602.7	2624.0	2691.6	2811.1	2964.0	2996.4	2870.1	2758.5	*2730.0*	2685.9	2642.9
55°	2483.1	2495.9	2597.3	2766.6	2982.2	3086.1	3042.7	2938.4	*2910.0*	2848.4	2801.5
57.5°	2261.5	2280.0	2427.7	2646.8	2936.7	3146.9	3194.2	3127.7	*3100.3*	3011.7	2962.6
60°	1972.4	2001.9	2170.8	2445.4	2820.7	3146.5	3331.8	3313.7	*3290.9*	3172.5	3121.3
62.5°	1645.1	1679.3	1841.8	2160.9	2618.0	3057.2	3417.9	3469.5	*3457.8*	3320.8	3255.4
65°	1263.4	1286.9	1448.8	1792.7	2302.4	2865.5	3427.9	3575.9	*3578.0*	3433.6	3325.4
67.5°	*841.2*	*908.8*	*1049.3*	*1345.3*	*1879.9*	*2552.1*	*3340.4*	*3593.3*	*3613.9*	*3472.3*	*3290.2*
70°	410.5	499.4	637.1	874.3	1345.3	2071.6	3111.7	3450.3	*3496.2*	3359.2	3080.4
72.5°	170.4	199.2	274.2	431.5	772.2	1397.9	2652.1	3062.6	*3147.6*	2976.5	2589.9
75°	114.9	124.5	156.9	221.2	351.8	689.3	1912.6	2283.6	*2420.5*	2248.0	1837.5
77.5°	88.6	94.6	114.2	154.7	209.2	260.7	1023.7	1376.2	*1447.0*	1339.6	956.1
80°	69.7	74.3	85.4	112.8	148.3	139.4	348.9	623.5	*664.4*	557.4	307.3
82.5°	60.5	62.2	61.2	76.5	98.5	81.5	114.5	230.1	*254.0*	184.3	100.3
85°	43.8	48.7	50.9	47.3	52.3	41.3	47.0	81.5	*89.6*	80.0	56.6
87.5°	17.8	26.3	32.4	30.6	19.2	11.7	14.6	23.8	*27.4*	29.9	18.5
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: P1198449
CATALOG NUMBER: GPC-SB1C-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	750.9	750.9	750.9	750.9	750.9	750.9	750.9	750.9	750.9	750.9	750.9
2.5°	751.6	754.1	755.9	758.0	759.4	761.6	765.8	768.3	768.7	770.4	770.1
5°	758.4	761.9	765.8	771.5	777.9	783.3	791.4	797.1	799.3	801.0	800.7
7.5°	772.9	777.9	785.0	795.0	804.2	811.4	821.3	828.1	834.8	837.3	837.7
10°	794.6	801.7	812.1	825.6	835.5	844.8	855.1	860.8	867.6	870.4	871.8
12.5°	821.7	829.1	842.7	861.5	870.8	877.2	880.7	879.3	880.7	883.2	883.9
15°	852.6	860.8	876.1	896.4	902.8	897.1	889.2	882.1	881.1	881.8	884.3
17.5°	889.2	895.3	913.1	930.2	925.5	902.1	885.0	873.6	867.9	866.1	868.6
20°	940.5	940.5	955.1	965.7	934.8	894.9	868.3	849.8	838.0	833.0	832.0
22.5°	1002.7	997.0	1006.3	998.8	933.0	875.0	838.0	806.0	788.2	781.1	780.0
25°	1081.7	1074.9	1072.4	1026.2	920.2	843.4	783.3	744.5	728.8	724.9	725.6
27.5°	1200.8	1183.8	1151.4	1041.1	896.7	793.6	719.2	683.3	674.4	674.8	675.8
30°	1359.5	1325.3	1246.0	1043.6	858.3	723.1	653.8	628.2	623.9	625.7	631.7
32.5°	1506.4	1474.0	1342.8	1032.2	799.3	654.1	595.1	578.0	571.6	573.7	576.6
35°	1621.6	1612.7	1432.4	1016.2	726.7	589.4	542.4	527.9	515.4	512.6	514.7
37.5°	1730.5	1726.9	1499.6	993.8	654.8	543.5	500.1	480.9	462.8	452.8	453.2
40°	1850.0	1846.4	1543.7	959.3	591.2	503.7	462.1	436.8	414.4	396.2	398.0
42.5°	1984.4	1963.5	1564.7	909.9	537.1	469.9	431.1	397.0	367.4	350.7	351.8
45°	2131.4	2084.0	1564.4	846.9	491.6	438.9	398.0	349.7	322.3	306.6	305.9
47.5°	2287.2	2199.3	1545.2	777.2	447.5	404.8	346.8	309.8	291.7	282.1	279.9
50°	2447.9	2307.1	1512.4	697.2	402.3	366.0	314.8	289.5	275.7	266.8	263.6
52.5°	2599.1	2404.9	1473.0	606.5	356.4	328.3	300.6	281.0	266.4	256.5	252.2
55°	2739.6	2489.2	1417.1	513.6	319.1	303.1	293.8	277.4	260.7	249.0	244.4
57.5°	2864.5	2544.0	1320.7	426.5	292.4	285.6	286.7	271.4	252.2	242.2	235.8
60°	2968.3	2584.2	1178.1	345.7	270.7	268.6	275.7	260.0	237.6	226.2	221.2
62.5°	3030.6	2583.4	1003.1	283.1	252.2	252.9	261.1	245.8	223.0	212.4	209.2
65°	3025.2	2520.1	811.0	242.2	234.4	235.1	245.8	230.1	210.9	204.5	204.2
67.5°	*2918.2*	*2365.8*	*622.1*	*215.6*	*214.8*	*218.0*	*230.5*	*219.5*	*203.5*	*202.7*	*203.8*
70°	2628.3	2045.3	448.2	194.2	194.6	199.2	215.6	212.7	199.5	201.0	200.6
72.5°	2107.5	1559.4	300.9	171.8	172.2	179.6	201.3	207.4	195.6	214.5	217.3
75°	1403.6	972.5	193.5	148.0	148.3	157.9	188.9	197.1	185.0	213.8	215.6
77.5°	674.4	437.2	140.1	124.5	124.5	133.4	163.3	176.4	157.6	166.1	152.2
80°	233.0	164.3	110.3	100.3	98.2	104.2	137.7	153.0	135.9	125.2	117.4
82.5°	91.8	85.4	88.6	77.9	70.8	74.7	107.1	126.3	100.0	90.3	90.0
85°	52.6	55.5	62.6	51.6	40.9	45.9	78.6	90.7	75.4	66.5	67.9
87.5°	14.2	19.6	28.8	26.7	18.5	19.6	37.3	50.2	43.4	33.4	34.5
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

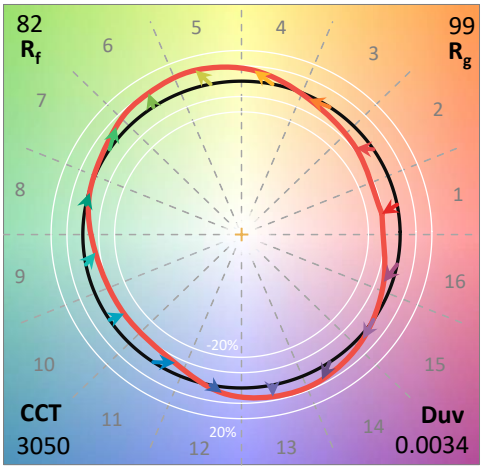
Test Information

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

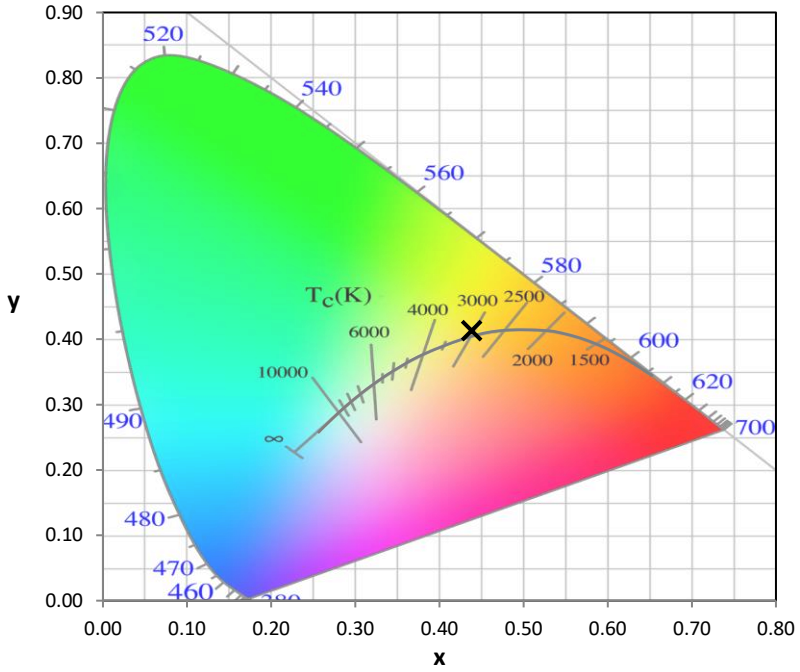
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

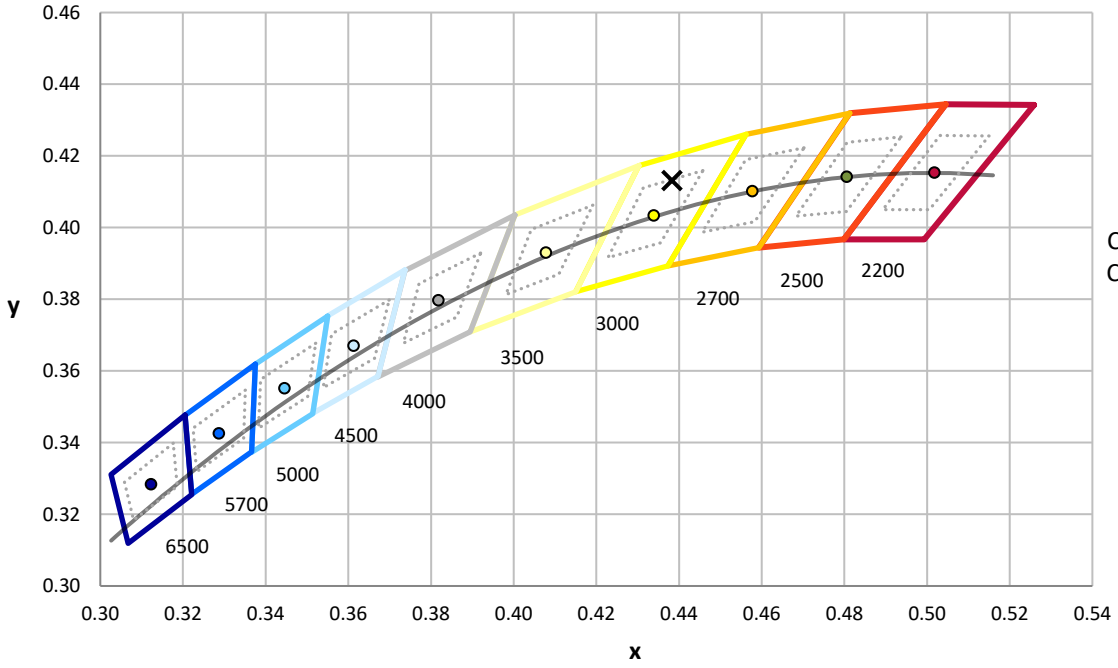
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

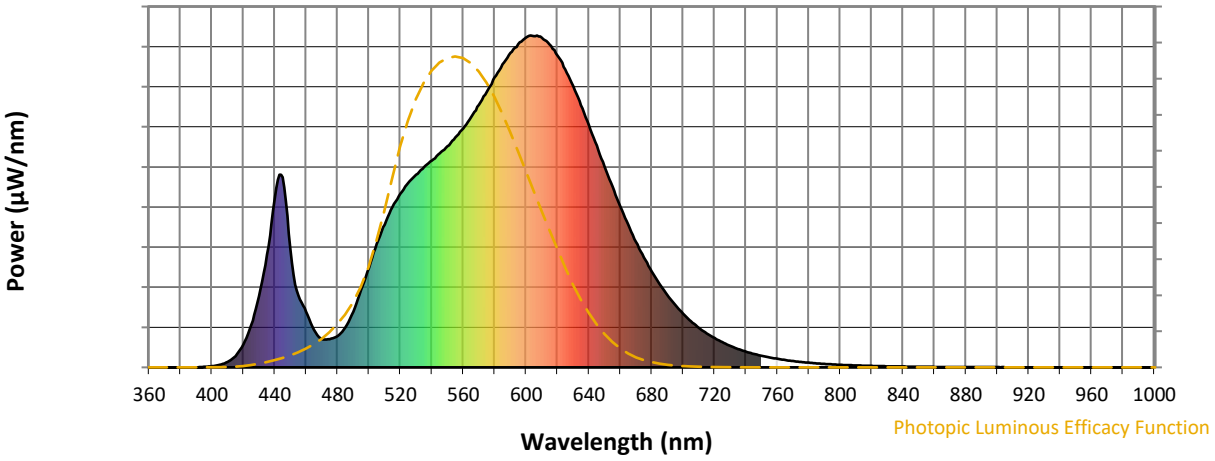


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

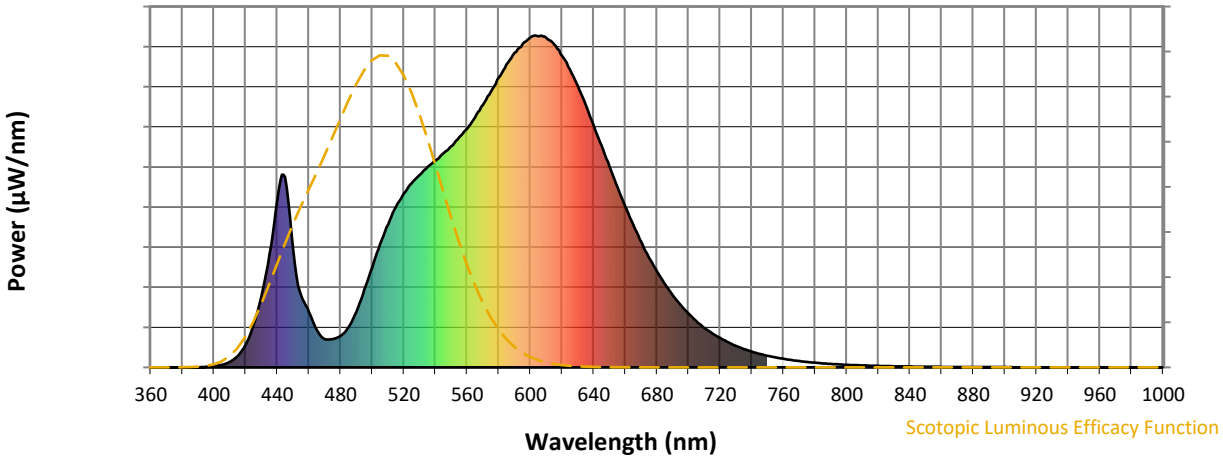


Photopic Lumens: NR

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

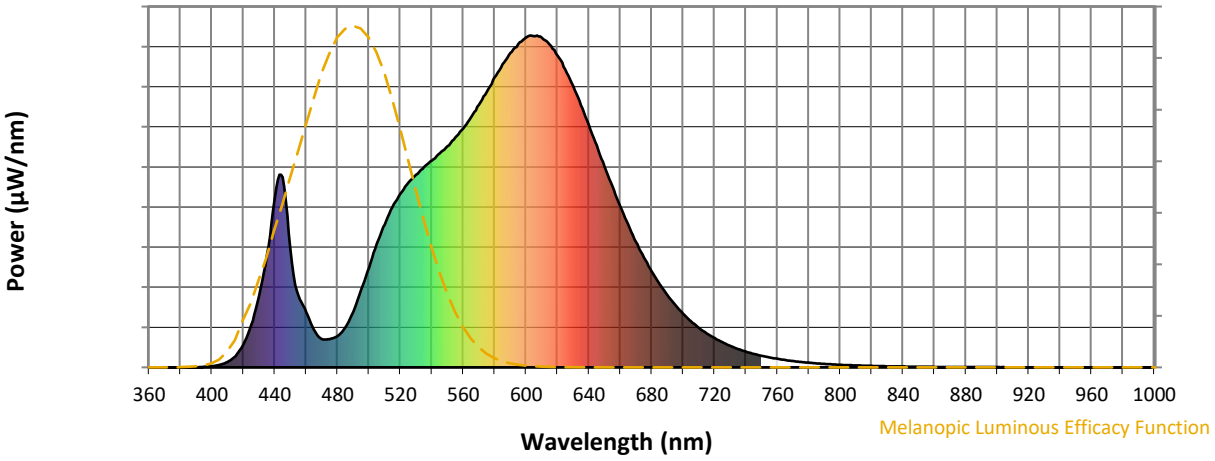


Scotopic Lumens: NR **S/P: 1.27**

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			

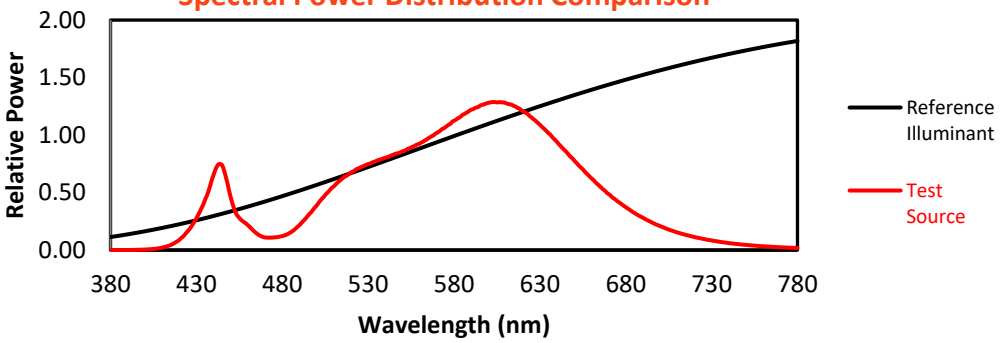
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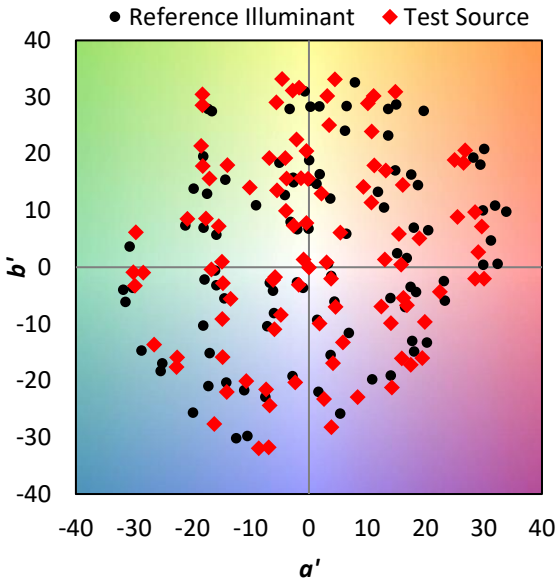
Summary

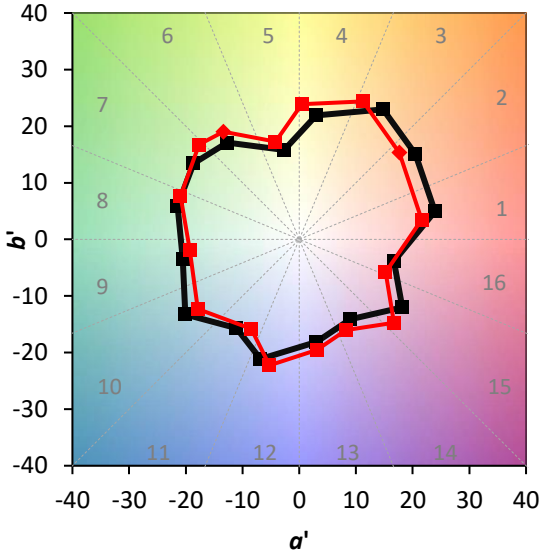
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

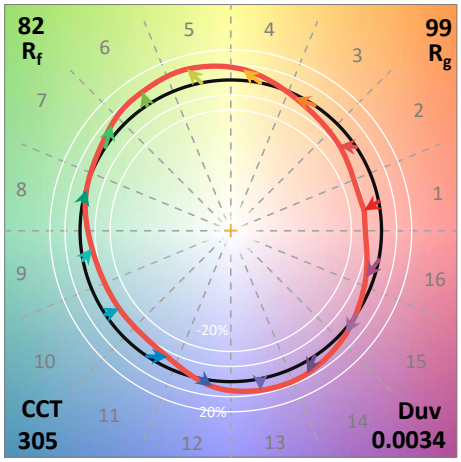
Spectral Power Distribution Comparison

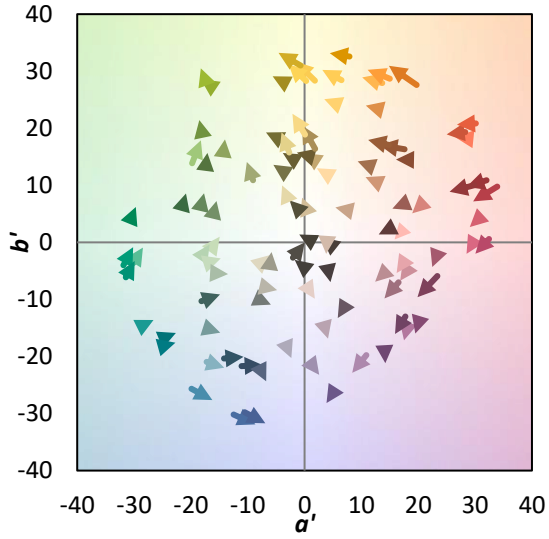


Color Vector Graphics







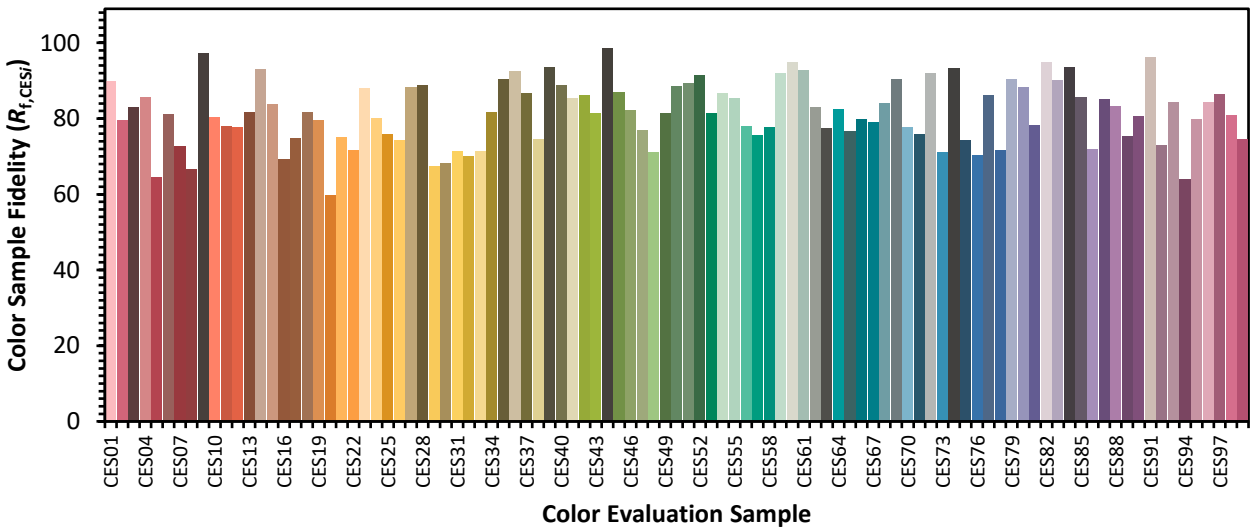


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Individual Sample Fidelity Index ($R_{f,i}$)

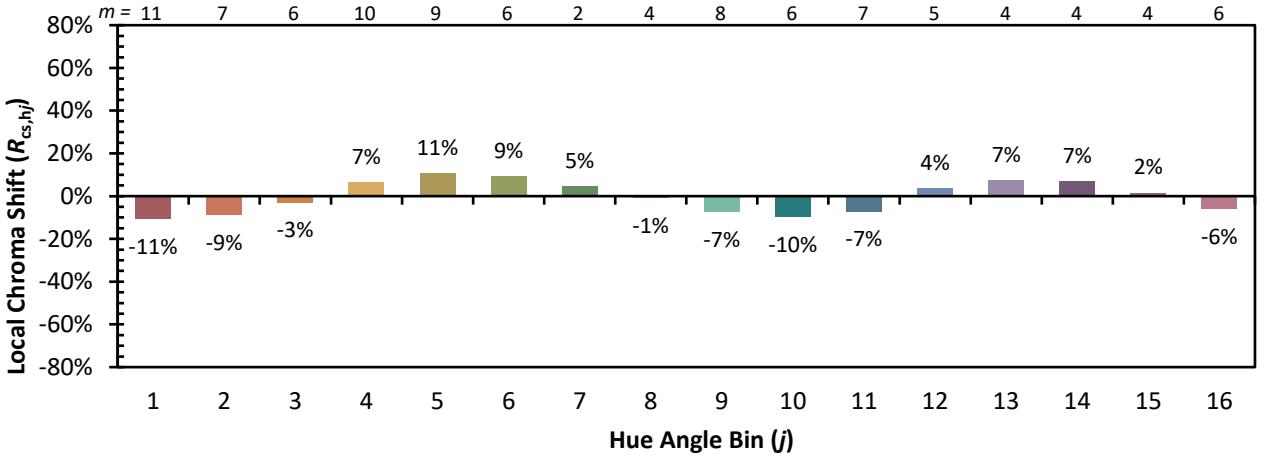
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

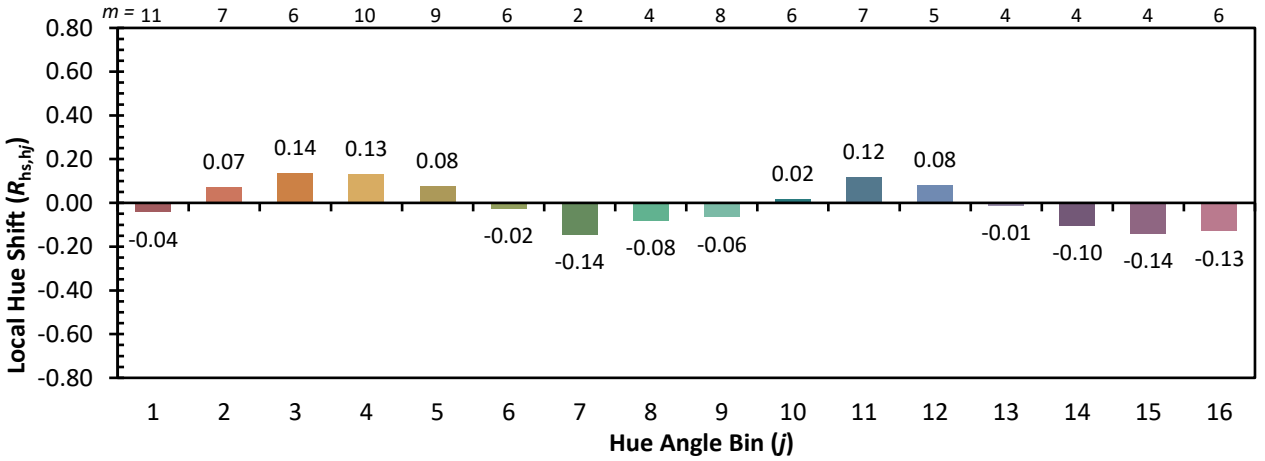


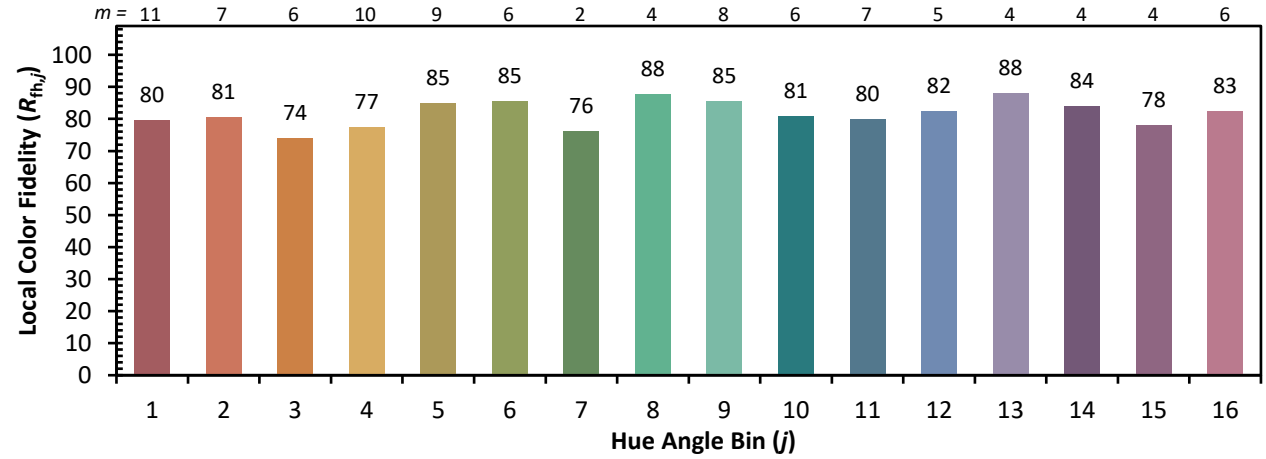
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Color Rendition by Hue-Angle Bin



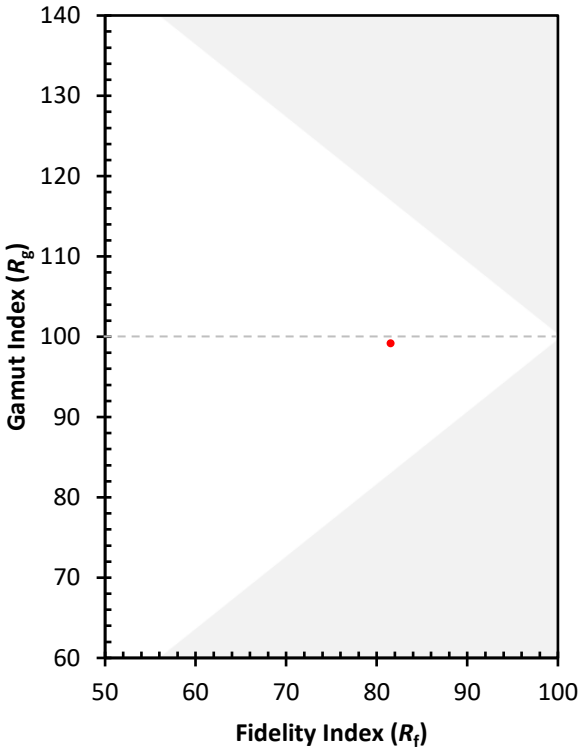


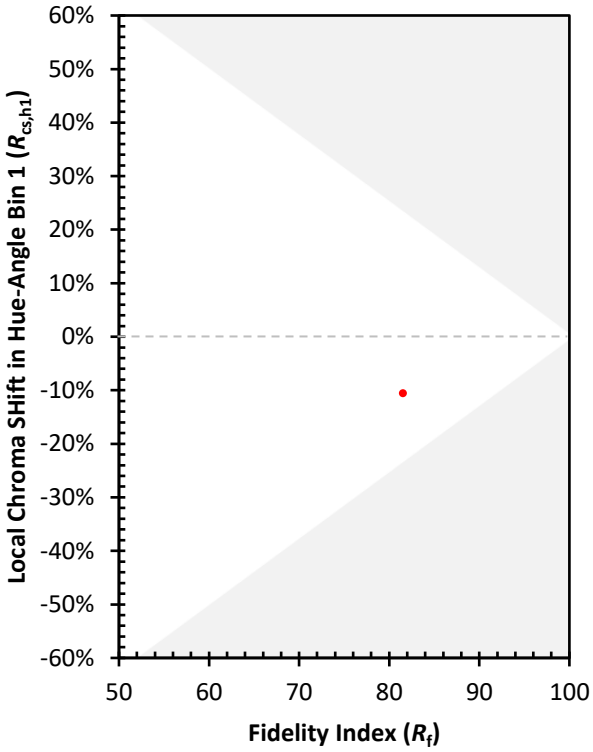


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Measure Comparisons





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