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: P1198436

Luminaire Tested: GPC-SB1C-830-U-SL4-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:	P1198436
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-830-U-SL4-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4722 lumens
Efficiency:	N/A
Efficacy:	86.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - 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

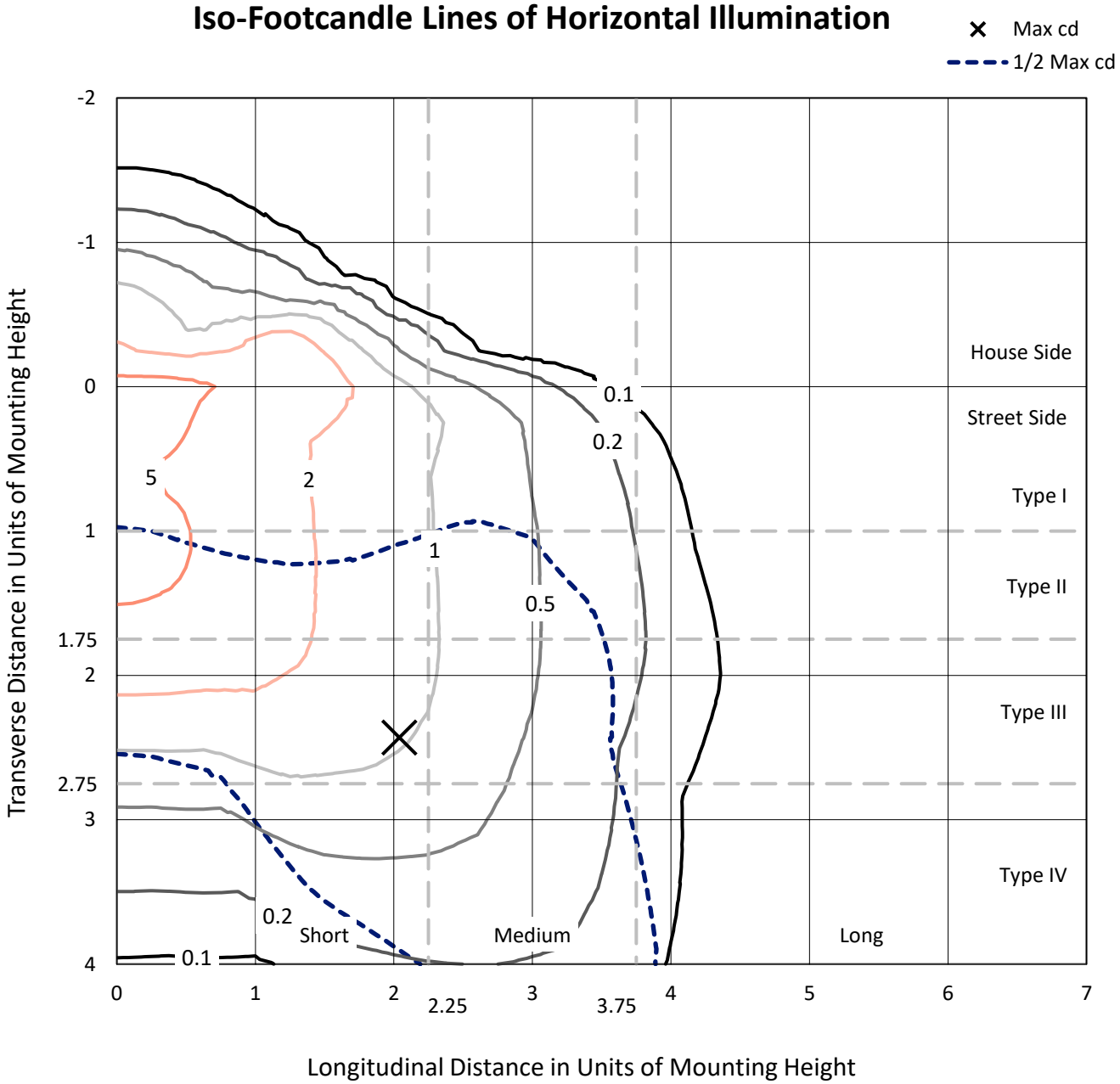


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REPORT NUMBER: P1198436
CATALOG NUMBER: GPC-SB1C-830-U-SL4-HSS

Iso-Footcandle Lines of Horizontal Illumination



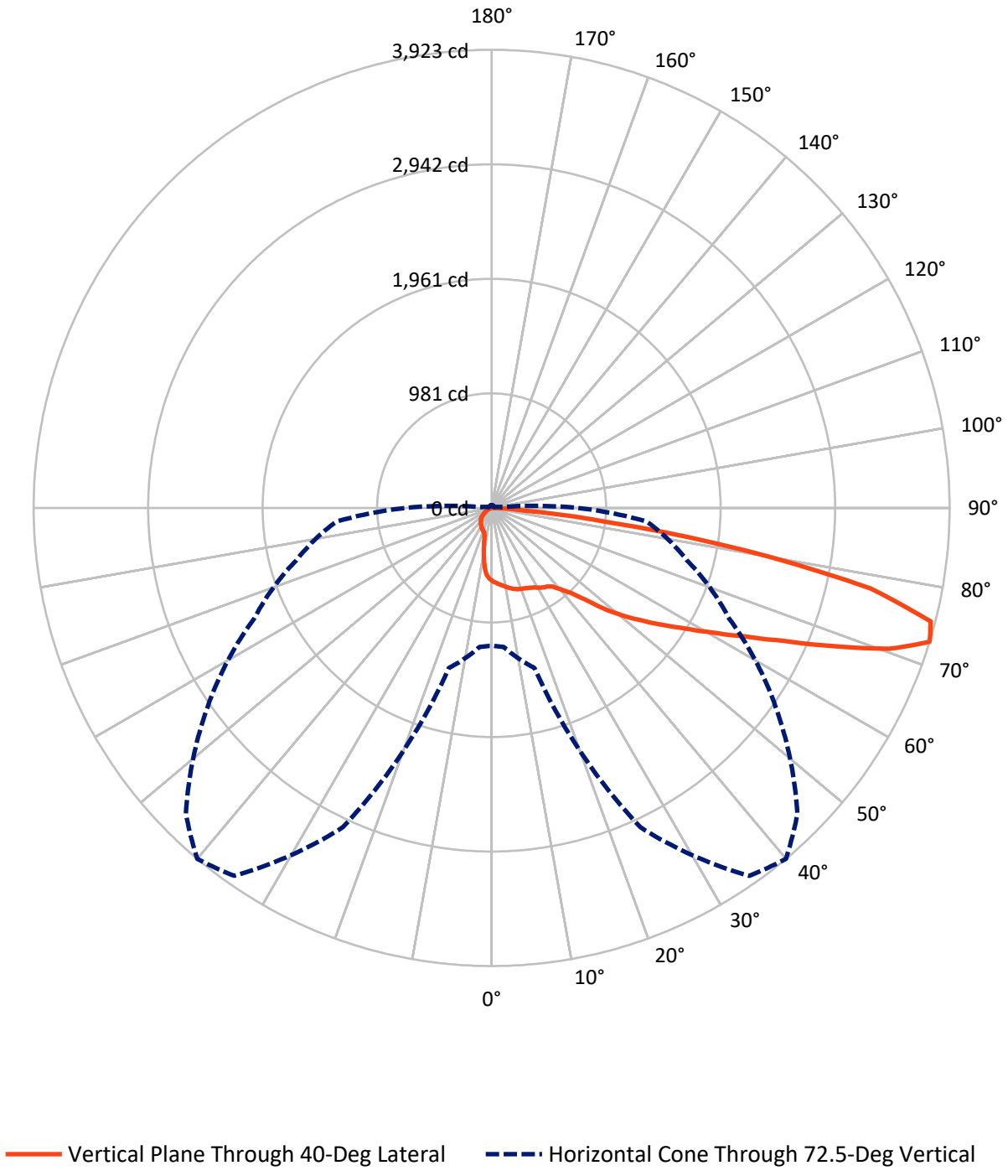
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
Type IV - Short - N/A

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REPORT NUMBER: P1198436
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Luminous Intensity Polar Plot



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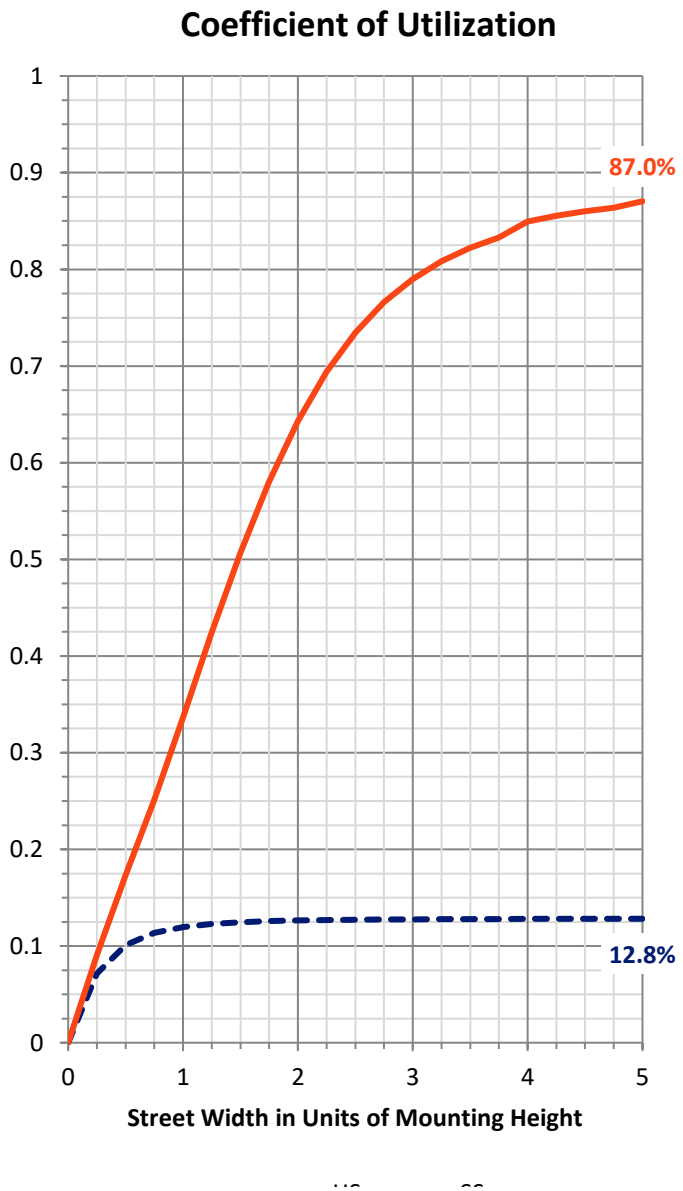
REPORT NUMBER: P1198436
CATALOG NUMBER: GPC-SB1C-830-U-SL4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	609.8	0.0	609.8
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	4112.2	0.0	4112.2
	% Fixture	87.1	0.0	87.1
Total	Lumens	4722.0	0.0	4722.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.1	1.2
10°-20°	155.1	3.3
20°-30°	250.9	5.3
30°-40°	370.4	7.8
40°-50°	623.4	13.2
50°-60°	968.0	20.5
60°-70°	1211.3	25.7
70°-80°	991.7	21.0
80°-90°	94.0	2.0
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°	4722.0	100.0
0°-180°	4722.0	100.0



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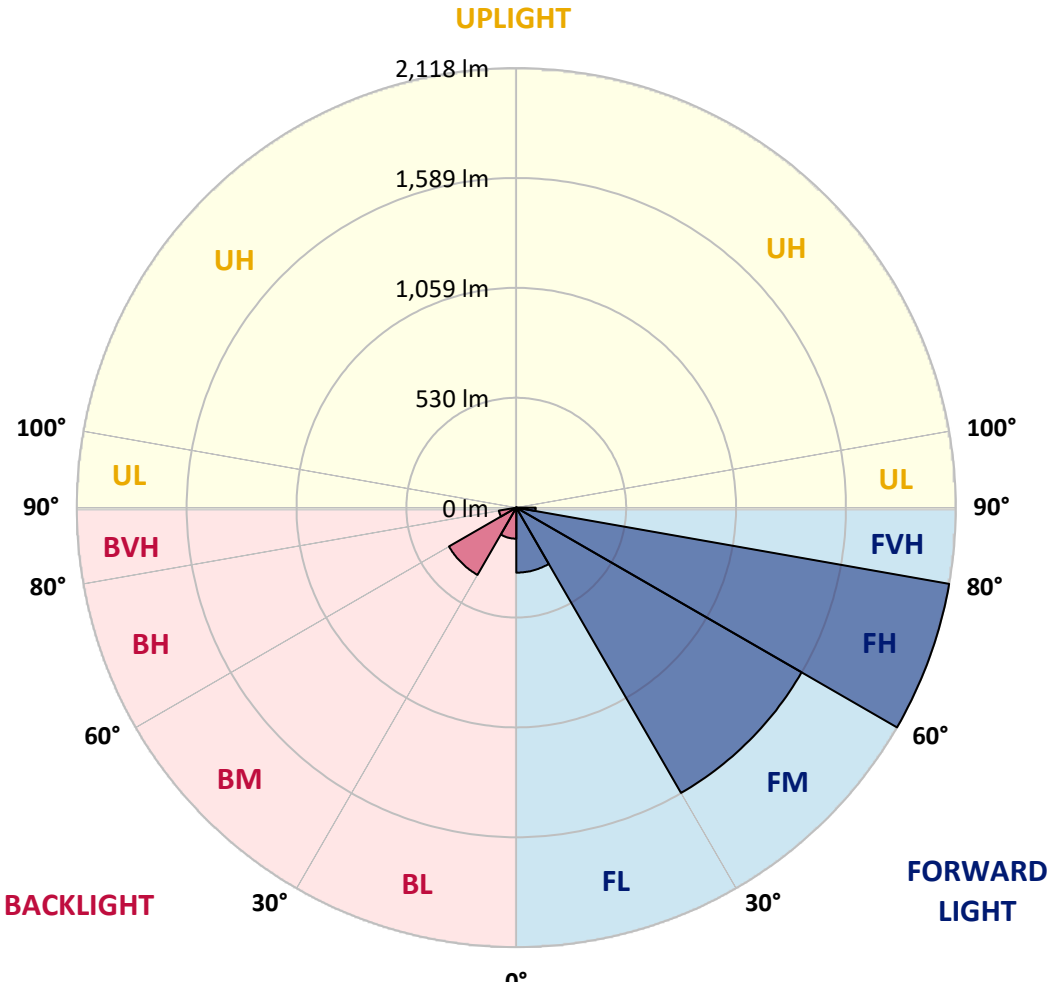
Scaled Data Report

REPORT NUMBER: P1198436
CATALOG NUMBER: GPC-SB1C-830-U-SL4-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	313.4	6.6			
FM	(30°-60°)	1587.5	33.6			
FH	(60°-80°)	2118.0	44.9			G2/5000
FVH	(80°-90°)	93.3	2.0			G1/100
BL	(0°-30°)	149.7	3.2	B1/500		
BM	(30°-60°)	374.5	7.9	B1/1000		
BH	(60°-80°)	84.9	1.8	B0/110		G0/110
BVH	(80°-90°)	0.7	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-G2
Type IV Short



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REPORT NUMBER: P1198436
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	625.2	625.2	625.2	625.2	625.2	625.2	625.2	625.2	625.2	625.2	625.2
2.5°	644.1	646.6	645.1	642.3	641.6	640.2	638.4	637.7	635.2	633.1	630.6
5°	662.2	664.7	662.9	659.0	657.2	655.5	653.0	650.8	645.9	641.2	635.5
7.5°	682.1	684.3	682.1	676.4	673.6	671.5	667.9	664.7	659.0	652.3	645.1
10°	704.2	706.0	702.8	695.3	690.7	687.5	684.3	680.7	675.4	667.9	659.4
12.5°	724.8	726.9	722.0	713.1	707.7	704.5	701.0	698.1	692.8	685.7	676.8
15°	743.7	746.9	738.3	728.7	722.7	720.2	716.6	714.9	711.3	706.3	698.1
17.5°	757.9	760.0	751.1	739.8	733.0	731.2	728.7	729.8	729.1	726.6	721.3
20°	770.0	771.4	759.7	745.8	738.3	738.7	738.0	741.5	743.0	743.0	742.6
22.5°	784.9	785.3	770.3	752.9	744.0	746.5	747.6	751.5	754.3	757.2	763.6
25°	804.5	803.8	786.0	762.2	754.3	757.9	760.4	761.8	765.0	769.6	784.2
27.5°	833.6	831.5	808.7	777.1	767.8	771.0	775.7	775.0	773.5	777.1	801.6
30°	870.6	867.8	837.6	798.1	789.5	792.4	793.8	787.4	777.1	780.3	816.9
32.5°	929.3	924.3	882.4	821.5	808.4	811.6	809.8	796.7	781.4	784.6	832.2
35°	1031.4	1019.3	959.9	870.6	829.7	826.2	821.9	809.1	790.3	787.1	845.0
37.5°	1248.3	1227.0	1125.6	966.3	878.1	855.0	841.8	829.0	799.9	787.1	859.6
40°	1493.0	1471.3	1354.3	1126.3	958.5	919.4	888.1	852.5	809.8	791.7	882.4
42.5°	1748.4	1724.5	1604.3	1324.8	1073.3	993.0	934.6	871.3	826.2	805.9	912.6
45°	2033.6	2003.7	1846.5	1531.8	1240.1	1115.3	1009.7	910.1	854.6	831.2	953.9
47.5°	2334.5	2295.7	2088.0	1732.7	1419.8	1284.6	1147.0	979.5	896.6	868.9	1009.7
50°	2601.2	2562.8	2337.3	1942.9	1587.6	1445.7	1303.5	1075.5	959.5	922.2	1084.7
52.5°	2792.9	2763.7	2564.2	2159.9	1762.2	1596.9	1445.4	1187.2	1039.2	990.5	1173.3
55°	2921.3	2894.6	2725.0	2365.4	1965.3	1763.3	1585.1	1308.4	1135.2	1072.3	1271.1
57.5°	2999.2	2983.9	2841.3	2548.9	2166.6	1945.4	1745.2	1441.8	1248.3	1168.7	1380.3
60°	3026.9	3014.5	2913.5	2723.9	2409.9	2164.1	1933.3	1592.2	1385.6	1278.2	1492.3
62.5°	2953.0	2955.4	2965.4	2931.3	2666.3	2420.2	2158.8	1772.9	1537.8	1402.3	1597.6
65°	2604.8	2625.4	2814.6	3161.0	3005.9	2741.0	2445.8	1993.4	1712.1	1543.5	1681.2
67.5°	2156.7	2186.5	2422.0	3295.4	3368.0	3157.5	2845.5	2274.4	1919.8	1687.2	1712.8
70°	1650.9	1682.9	1968.2	3267.3	3706.9	3612.7	3339.9	2631.8	2135.0	1786.8	1632.1
72.5°	1178.3	1194.6	1419.4	3017.3	3846.0	3922.8	3704.1	2970.4	2244.9	1731.7	1331.2
75°	828.0	825.1	974.1	2429.8	3629.4	3885.1	3576.4	2787.2	2031.5	1375.7	820.8
77.5°	360.6	361.3	486.5	1475.6	2896.8	3318.2	2972.9	1745.9	1416.2	729.1	346.4
80°	93.5	96.4	178.5	587.5	1744.1	2190.1	1813.1	767.5	654.4	177.8	66.2
82.5°	33.1	35.2	82.2	184.6	643.4	1004.4	807.3	245.4	170.7	50.9	17.8
85°	9.6	11.4	44.1	56.5	133.0	283.8	196.0	47.7	42.0	26.3	4.6
87.5°	0.0	1.4	8.9	7.8	7.8	5.3	10.0	5.3	6.8	3.2	1.4
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: P1198436
CATALOG NUMBER: GPC-SB1C-830-U-SL4-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	625.2	625.2	625.2	625.2	625.2	625.2	625.2	625.2	625.2	625.2	625.2
2.5°	628.4	625.9	620.6	614.9	609.6	604.6	603.2	597.8	595.4	595.7	595.4
5°	631.6	627.0	616.7	604.2	591.4	576.9	564.8	547.7	533.1	531.3	530.3
7.5°	640.2	632.7	616.0	591.8	559.8	519.6	482.3	445.3	424.3	412.9	412.2
10°	653.3	643.4	617.8	571.5	503.6	431.8	375.2	328.6	304.8	293.8	291.6
12.5°	669.0	658.0	620.6	537.0	431.0	336.8	275.6	247.2	242.2	241.5	241.1
15°	691.0	678.9	623.8	490.4	352.4	256.4	228.3	228.7	232.6	234.7	234.4
17.5°	715.6	703.5	619.2	433.5	274.9	219.1	218.4	221.6	227.3	229.4	229.0
20°	740.5	729.1	602.8	366.7	222.3	208.8	211.6	215.2	220.9	223.7	223.7
22.5°	766.1	756.1	576.9	295.5	200.6	201.3	204.9	208.4	214.8	218.0	218.0
25°	793.5	784.9	542.4	236.9	191.3	193.5	198.1	202.4	209.1	213.0	213.0
27.5°	821.2	814.8	503.2	197.7	182.8	185.3	190.6	196.3	203.1	207.7	208.1
30°	851.4	847.9	471.9	183.2	174.6	176.8	182.8	189.2	196.7	202.4	203.1
32.5°	882.4	881.7	456.7	193.8	167.2	168.6	173.9	180.3	189.6	196.7	197.4
35°	913.0	914.4	447.8	224.1	164.7	160.8	164.3	170.0	181.0	189.9	191.3
37.5°	952.1	955.6	447.4	256.8	170.7	152.9	155.4	159.3	168.9	179.2	181.0
40°	1010.4	1029.2	470.2	284.9	181.4	145.8	146.5	147.2	152.2	160.8	163.6
42.5°	1087.9	1143.1	552.3	304.1	185.6	139.4	136.9	133.0	132.3	136.9	139.4
45°	1184.3	1280.7	696.7	314.7	181.4	132.3	125.5	115.2	111.3	114.5	114.5
47.5°	1297.8	1431.5	867.8	317.2	174.3	123.4	111.3	97.8	94.6	95.7	95.3
50°	1408.4	1544.6	1018.2	296.6	162.5	112.0	95.7	84.3	82.2	82.5	82.5
52.5°	1506.2	1583.3	1060.9	247.9	146.9	98.2	82.2	74.3	72.9	72.9	72.6
55°	1570.9	1541.4	946.0	189.6	127.3	83.9	70.4	66.5	65.8	65.4	64.7
57.5°	1584.4	1404.8	714.5	136.9	99.6	70.8	62.6	60.5	59.0	57.6	56.9
60°	1536.0	1177.2	454.9	95.7	74.7	60.5	55.5	54.1	51.2	48.4	47.3
62.5°	1431.5	889.1	251.8	66.5	60.1	51.6	49.1	47.3	42.0	37.3	35.9
65°	1291.0	591.1	111.3	51.9	49.1	43.4	42.0	39.5	33.1	27.7	26.7
67.5°	1149.8	340.4	50.1	41.6	39.5	35.6	34.5	32.7	28.1	23.1	22.4
70°	988.7	172.5	34.5	33.1	30.6	27.0	28.1	27.7	23.1	18.8	18.1
72.5°	*736.2*	*85.7*	*26.0*	*24.9*	*22.1*	*19.2*	*23.1*	*22.8*	*18.1*	*14.2*	*13.5*
75°	416.8	42.3	18.8	17.4	13.2	14.2	18.5	17.4	12.4	9.2	8.5
77.5°	165.4	21.7	12.4	10.7	7.8	9.6	13.5	11.7	6.4	3.9	3.6
80°	38.1	10.7	6.4	4.6	3.6	5.7	7.1	4.3	1.8	0.4	0.0
82.5°	10.7	4.6	2.1	1.8	1.8	2.1	1.8	0.7	0.0	0.0	0.0
85°	3.6	2.1	0.7	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
87.5°	1.4	0.7	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

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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

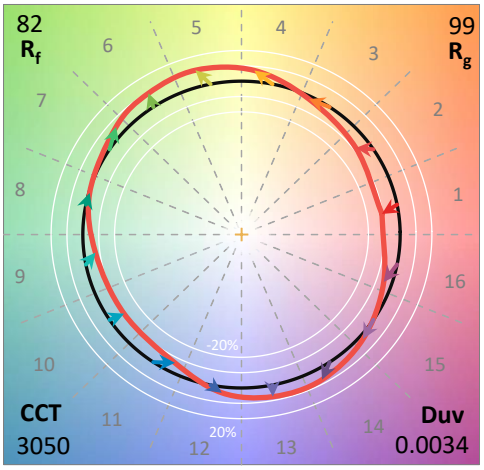
Test Information

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

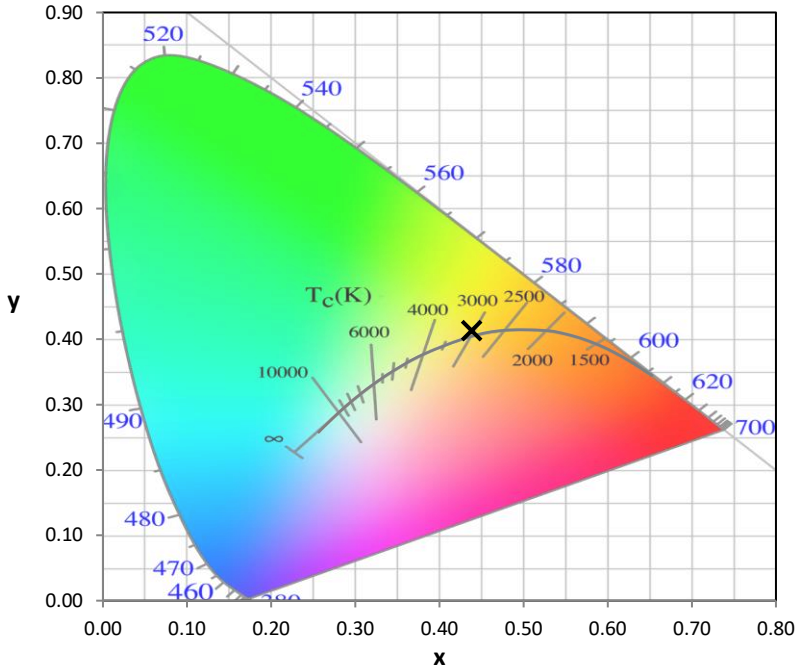
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

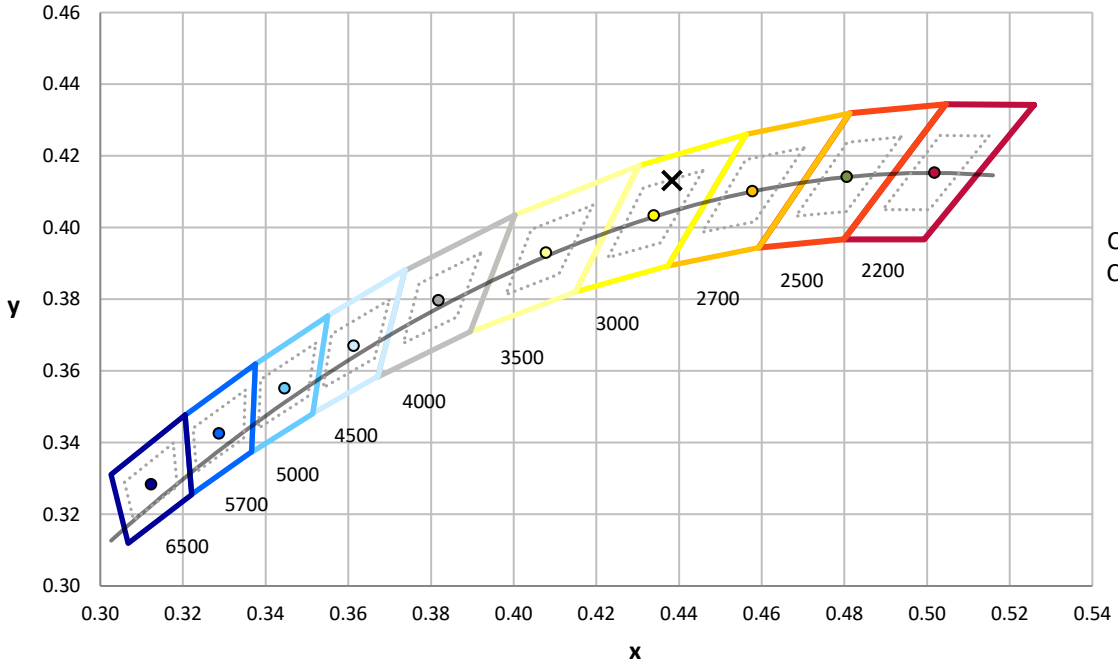
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

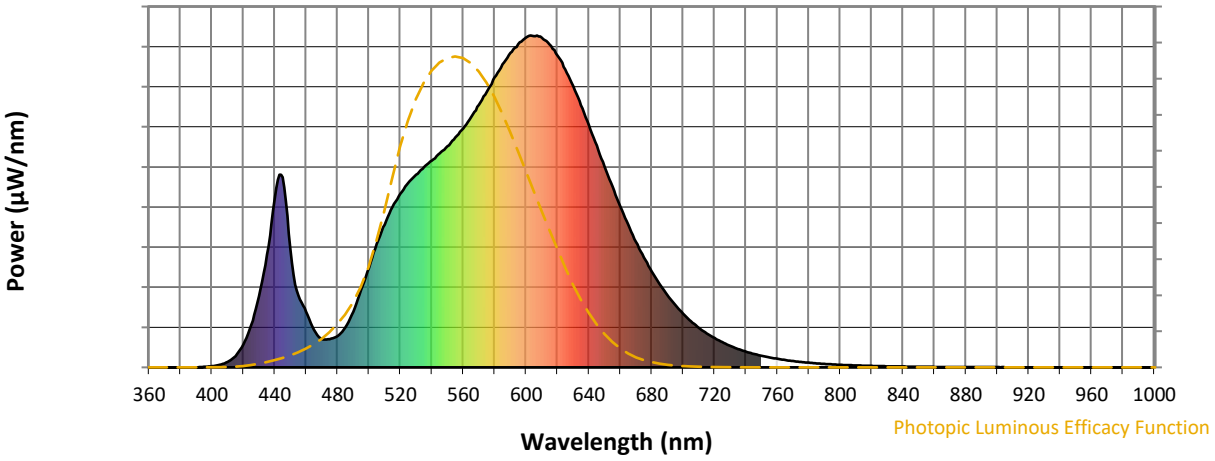


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

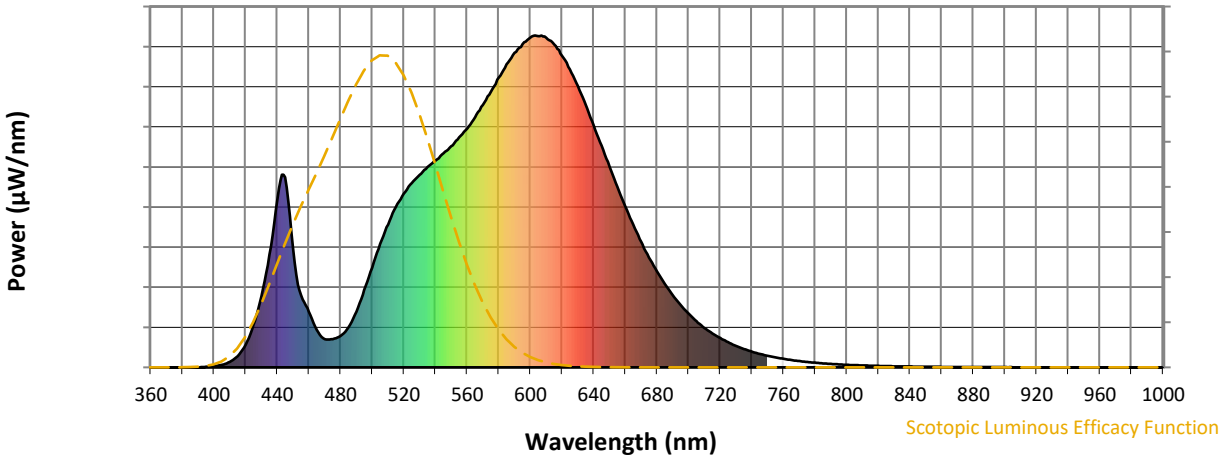


Photopic Lumens: NR

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

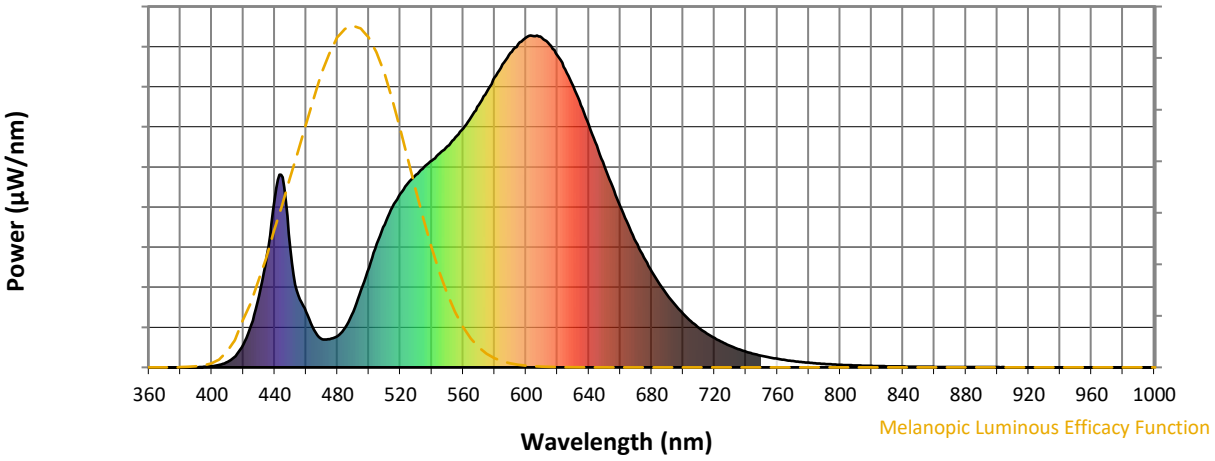


Scotopic Lumens: NR **S/P: 1.27**

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			

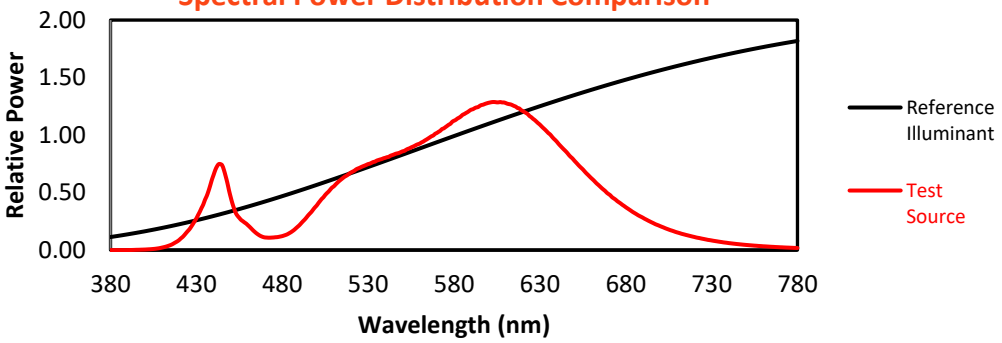
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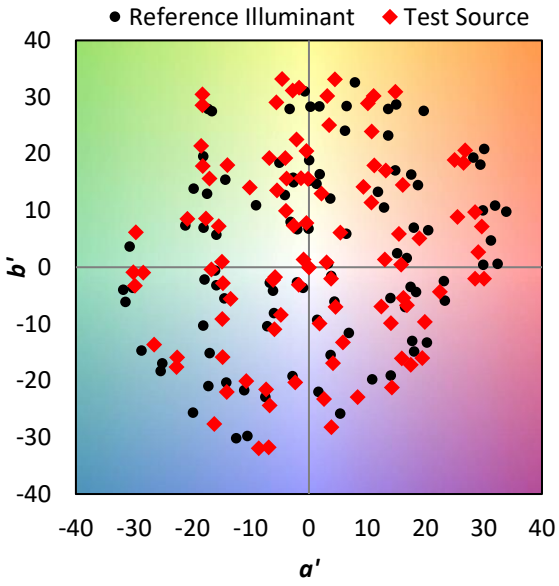
Summary

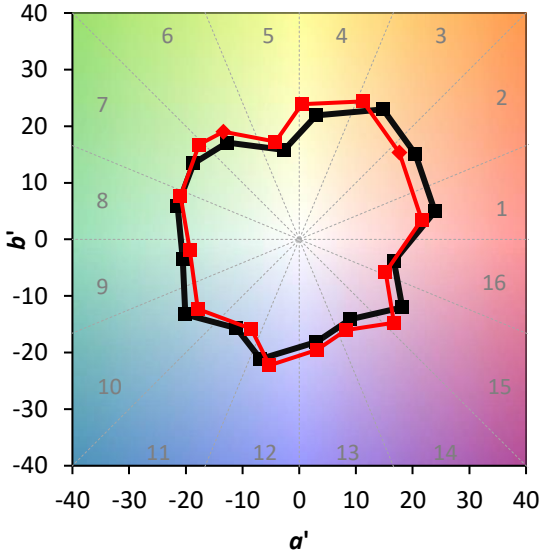
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

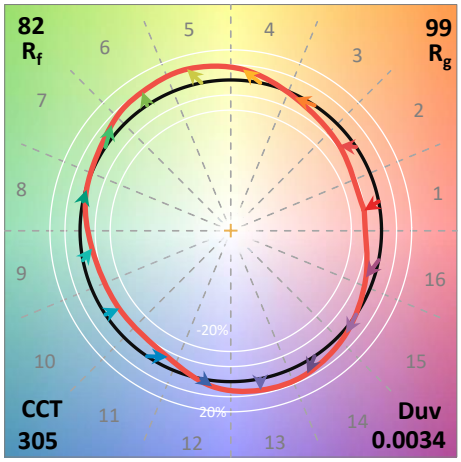
Spectral Power Distribution Comparison

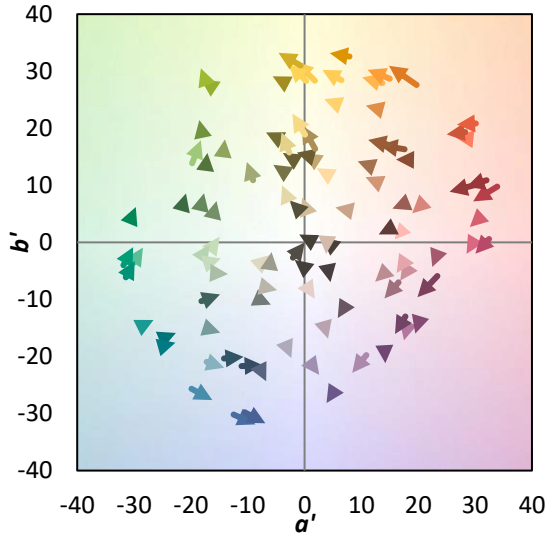


Color Vector Graphics







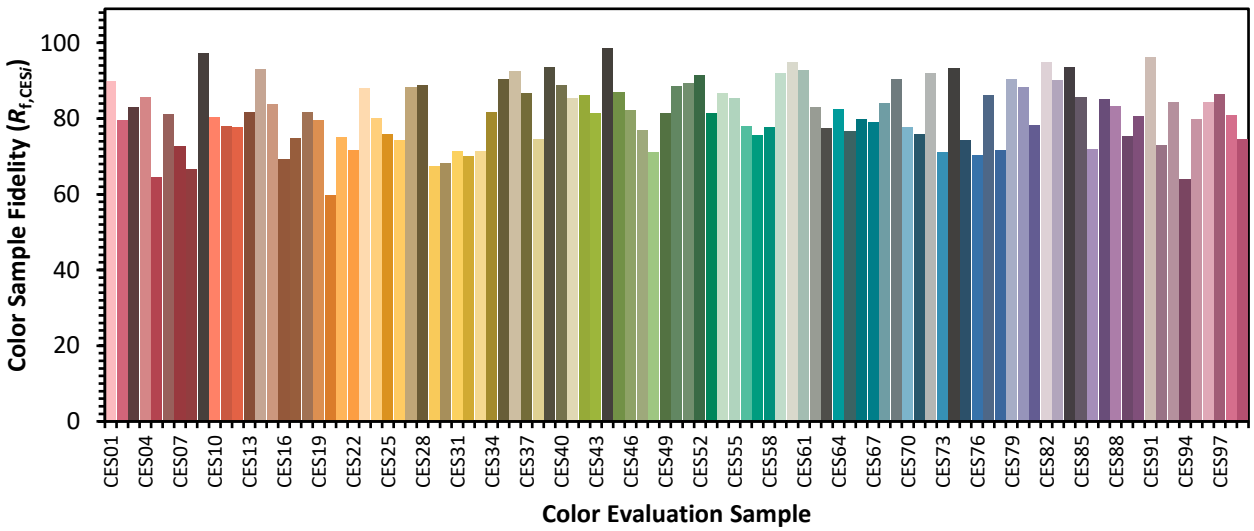


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Individual Sample Fidelity Index ($R_{f,i}$)

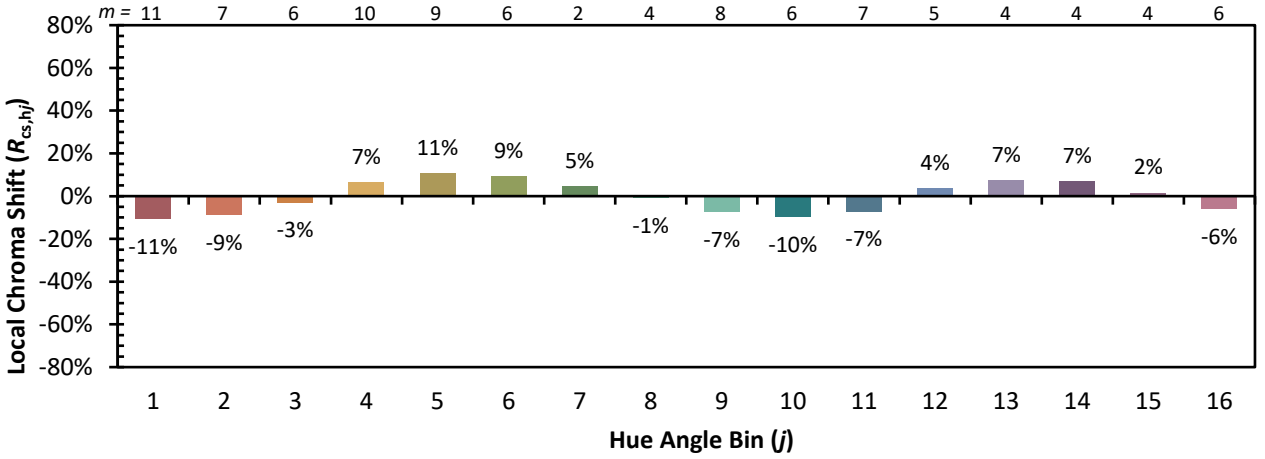
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

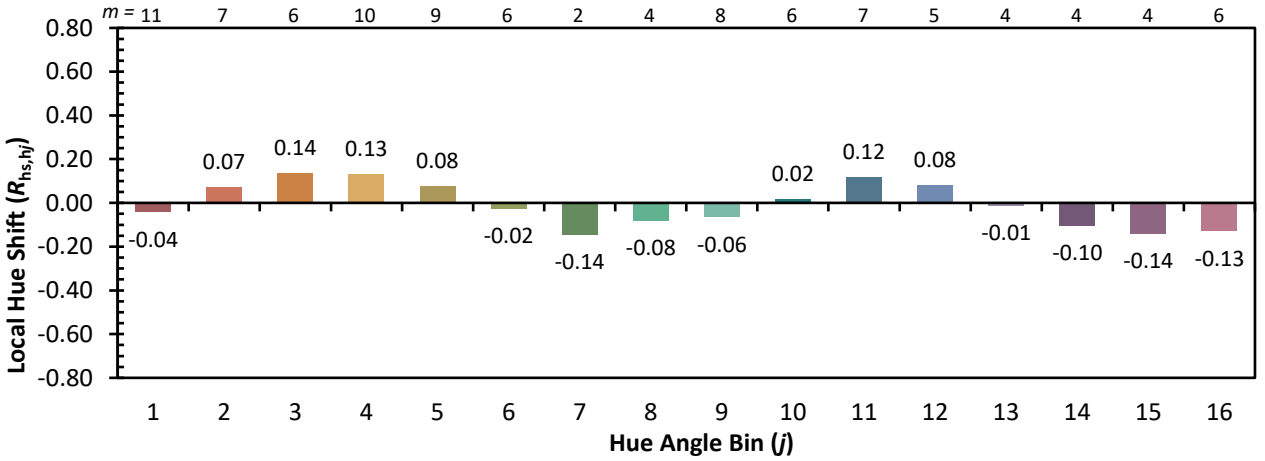


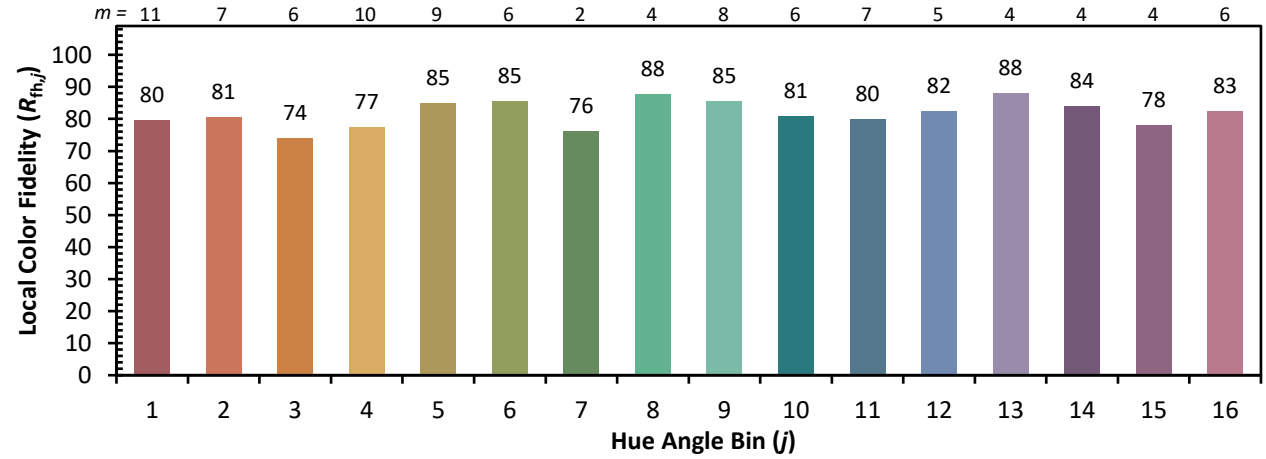
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Color Rendition by Hue-Angle Bin



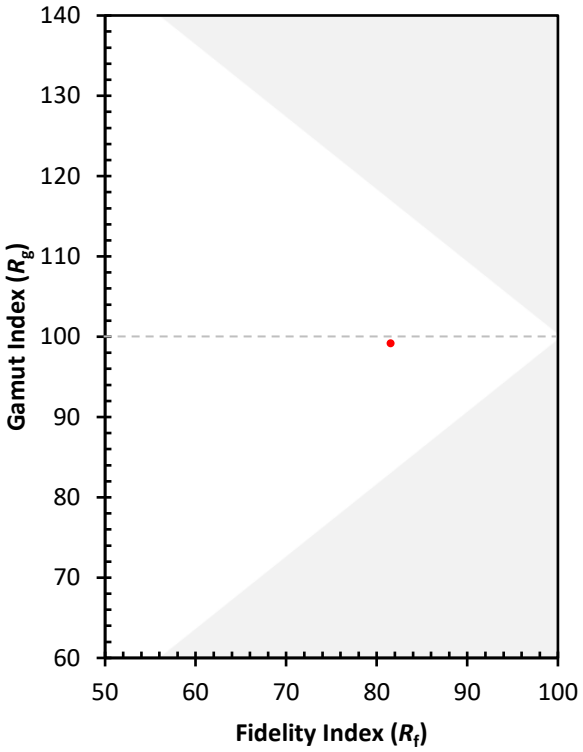


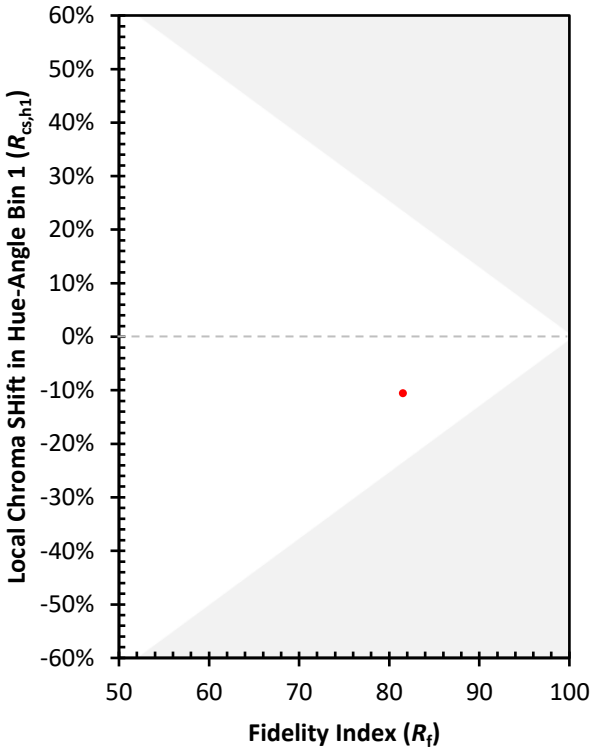


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Measure Comparisons





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