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: P1197491

Luminaire Tested: GPC-SB1A-830-U-T2R-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:	P1197491
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-830-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3431 lumens
Efficiency:	N/A
Efficacy:	111.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B0 - U0 - G1

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

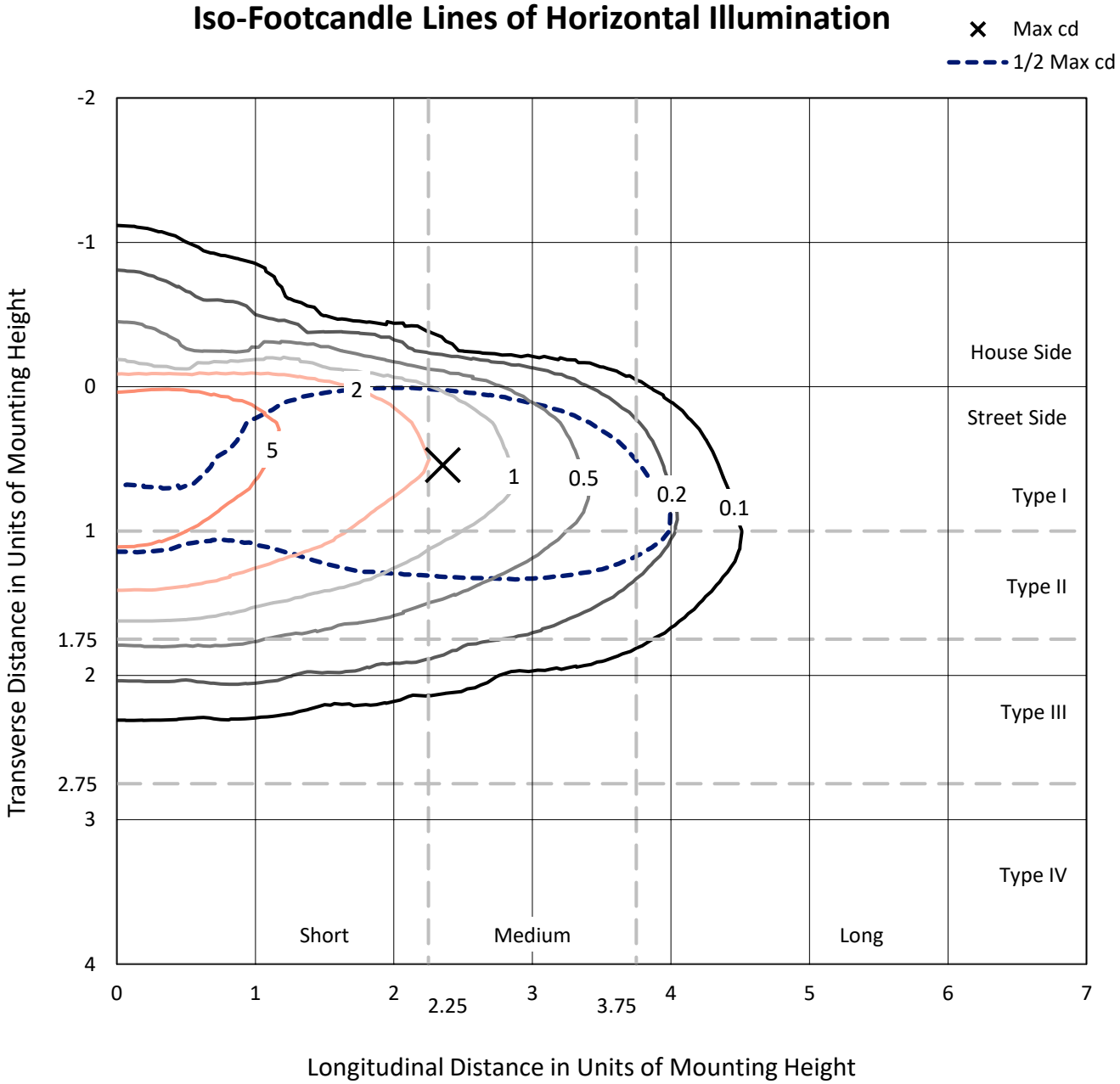


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REPORT NUMBER: P1197491
CATALOG NUMBER: GPC-SB1A-830-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination



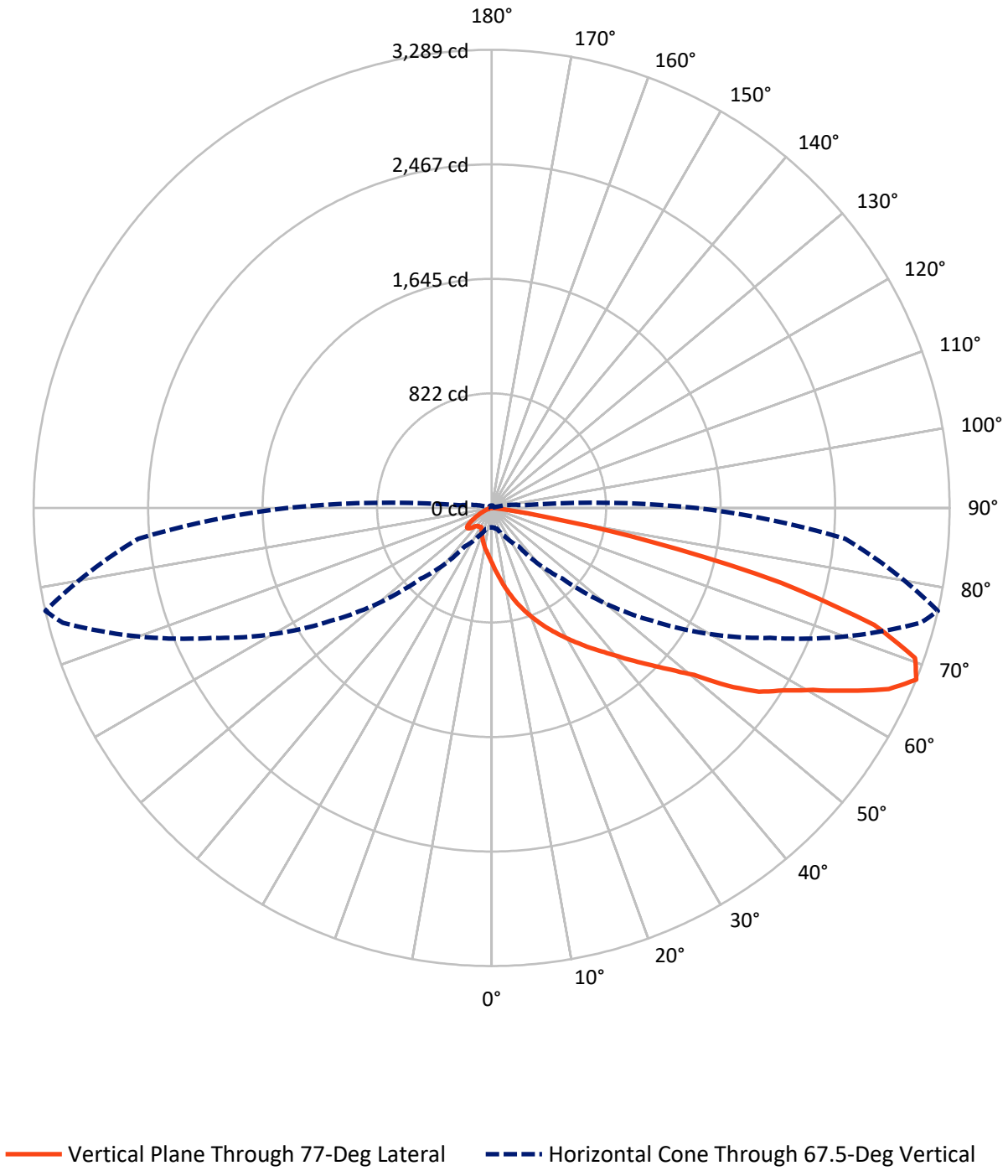
Based on 10 foot mounting height. Maximum calculated value = 9.3 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

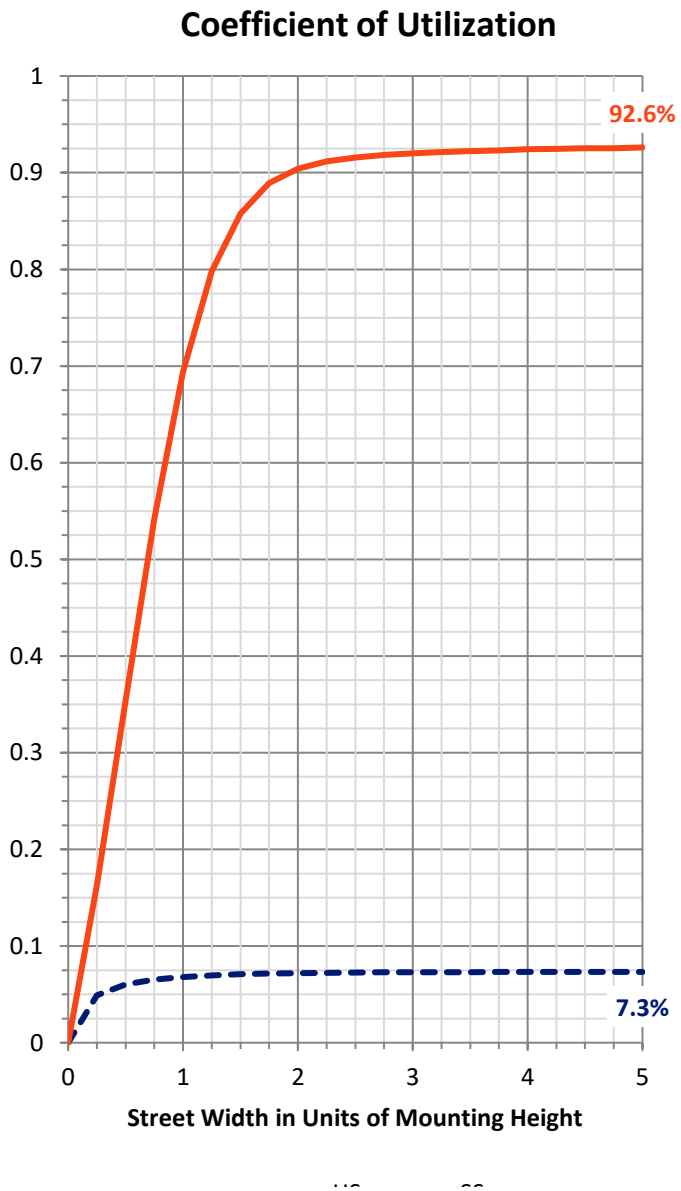
REPORT NUMBER: P1197491
CATALOG NUMBER: GPC-SB1A-830-U-T2R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	252.4	0.0	252.4
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	3178.6	0.0	3178.6
	% Fixture	92.6	0.0	92.6
Total	Lumens	3431.0	0.0	3431.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	1.2
10°-20°	141.4	4.1
20°-30°	272.9	8.0
30°-40°	473.7	13.8
40°-50°	687.9	20.0
50°-60°	789.9	23.0
60°-70°	685.8	20.0
70°-80°	323.0	9.4
80°-90°	16.0	0.5
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°	3431.0	100.0
0°-180°	3431.0	100.0



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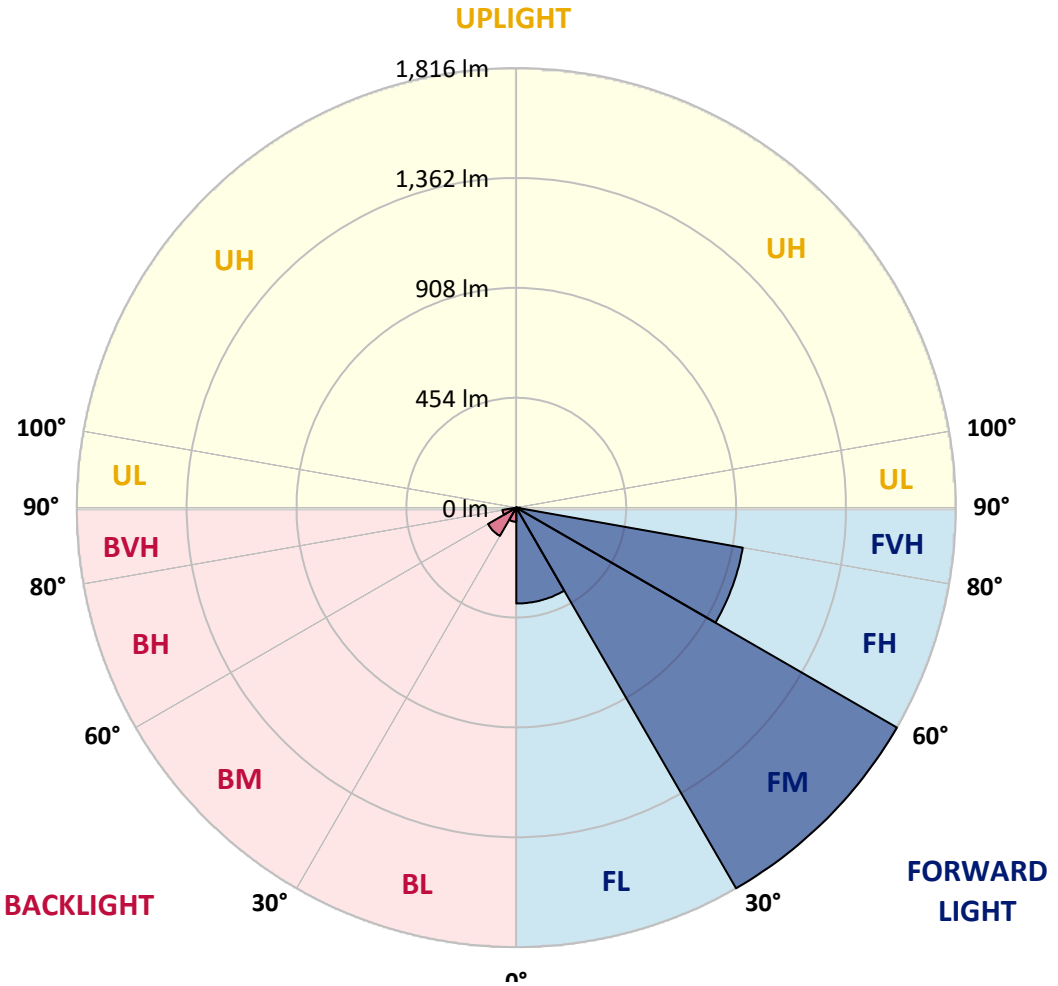
Scaled Data Report

REPORT NUMBER: P1197491
CATALOG NUMBER: GPC-SB1A-830-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	396.2	11.5			
FM	(30°-60°)	1816.3	52.9			
FH	(60°-80°)	950.4	27.7			G1/1800
FVH	(80°-90°)	15.7	0.5			G1/100
BL	(0°-30°)	58.4	1.7	B0/110		
BM	(30°-60°)	135.3	3.9	B0/220		
BH	(60°-80°)	58.4	1.7	B0/110		G0/110
BVH	(80°-90°)	0.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type II Medium



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REPORT NUMBER: P1197491
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	*395.6*	395.6
2.5°	547.8	551.2	546.3	536.9	522.8	513.7	491.3	470.2	446.8	*439.3*	415.9
5°	667.7	670.7	665.2	654.9	636.2	618.3	588.9	544.8	499.0	*484.3*	442.7
7.5°	756.6	758.3	756.1	746.8	728.9	708.6	675.8	623.6	555.6	*539.5*	475.8
10°	820.5	826.0	825.4	821.8	809.8	793.4	758.5	699.0	619.1	*598.3*	513.0
12.5°	862.9	869.1	872.7	880.8	880.1	869.7	839.0	776.2	682.4	*657.9*	555.0
15°	875.2	881.8	895.7	914.4	931.1	936.4	914.9	851.8	752.1	*720.8*	598.0
17.5°	868.2	878.4	895.0	924.7	961.1	985.2	982.8	924.9	815.4	*779.6*	640.2
20°	883.8	893.6	906.6	931.5	973.9	1017.6	1035.0	994.8	878.2	*840.7*	684.5
22.5°	969.8	968.1	969.4	973.5	998.8	1042.1	1078.1	1058.2	940.4	*902.1*	731.4
25°	1106.2	1098.5	1085.5	1063.6	1057.2	1078.1	1115.6	1114.5	1006.0	*964.9*	779.4
27.5°	1262.6	1261.3	1230.8	1178.0	1148.2	1140.1	1158.0	1169.3	1071.0	*1027.1*	827.5
30°	1412.3	1415.8	1374.6	1315.8	1261.1	1229.3	1213.1	1221.2	1137.1	*1094.3*	877.2
32.5°	1542.7	1546.4	1501.6	1432.8	1365.0	1326.7	1292.6	1272.6	1209.1	*1162.4*	931.7
35°	1652.9	1656.5	1605.2	1529.1	1456.9	1422.1	1383.6	1328.8	1281.5	*1238.1*	992.4
37.5°	1751.3	1750.3	1681.4	1604.7	1533.8	1506.3	1486.1	1398.1	1356.1	*1314.1*	1059.7
40°	1809.5	1814.0	1755.2	1670.6	1601.8	1581.7	1580.4	1483.9	1442.2	*1401.5*	1133.5
42.5°	1826.5	1834.4	1791.8	1722.3	1659.9	1638.2	1671.6	1576.8	1542.3	*1502.7*	1216.8
45°	1795.8	1803.5	1784.1	1736.0	1699.5	1685.5	1750.0	1673.1	1649.3	*1610.1*	1310.7
47.5°	1706.4	1716.0	1720.6	1710.4	1710.0	1724.3	1820.3	1774.5	1776.2	*1736.2*	1419.6
50°	1533.1	1549.3	1592.4	1628.6	1684.6	1754.9	1888.7	1884.5	1919.4	*1884.9*	1561.5
52.5°	1218.3	1241.3	1389.6	1488.6	1614.5	1749.2	1963.9	2060.9	2170.6	*2120.1*	1761.5
55°	979.0	979.0	1099.6	1284.9	1477.8	1711.3	1996.8	2175.5	2341.7	*2329.8*	1902.4
57.5°	798.1	807.7	884.6	1048.4	1279.8	1620.9	2017.0	2247.5	2479.5	*2470.8*	2040.0
60°	492.6	513.3	658.6	820.3	1054.6	1460.1	2004.2	2320.4	2646.8	*2653.8*	2205.8
62.5°	277.4	285.1	349.8	590.2	820.1	1243.8	1906.4	2361.1	2860.7	*2890.5*	2376.6
65°	191.5	195.4	220.3	367.3	568.4	990.3	1715.3	2335.7	3075.0	*3135.3*	2521.5
67.5°	*139.1*	*141.0*	*156.6*	*224.3*	*337.3*	*718.0*	*1415.8*	*2207.9*	*3188.6*	*3289.4*	*2549.2*
70°	107.0	108.2	119.5	147.4	199.2	443.2	1028.2	1953.7	3106.4	*3226.7*	2407.3
72.5°	86.9	88.2	96.9	109.1	132.1	262.1	623.2	1586.6	2743.3	*2873.3*	2049.4
75°	73.3	75.0	82.9	90.8	103.5	168.3	292.3	1104.9	2063.0	*2148.2*	1425.1
77.5°	40.7	37.5	67.3	75.2	87.4	106.5	136.8	650.2	1155.4	*1179.1*	632.3
80°	25.4	26.2	53.5	60.5	67.1	53.7	62.6	250.3	400.5	*380.5*	122.5
82.5°	1.5	3.4	41.1	43.7	46.0	23.0	23.6	85.0	96.5	*88.6*	21.7
85°	0.0	0.0	18.7	15.1	16.0	6.6	6.8	19.8	13.0	*14.1*	4.3
87.5°	0.0	0.0	0.0	0.4	0.0	0.6	1.3	1.7	0.6	*0.9*	1.5
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: P1197491
CATALOG NUMBER: GPC-SB1A-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6
2.5°	401.0	386.1	355.8	326.2	302.1	279.7	263.8	248.6	241.0	240.5	240.1
5°	413.1	381.8	321.3	267.8	224.8	190.3	167.9	151.9	143.8	141.0	140.6
7.5°	430.2	383.1	291.0	216.7	166.0	136.4	123.6	118.5	116.8	114.8	114.4
10°	451.7	386.1	264.0	174.5	130.8	115.9	110.8	108.7	107.4	106.1	105.7
12.5°	475.8	388.8	237.1	144.9	115.1	107.4	103.8	101.2	99.5	98.0	97.6
15°	499.2	390.5	209.2	124.2	107.0	100.8	96.9	94.2	91.8	90.1	89.9
17.5°	522.4	392.9	183.0	111.9	100.3	94.2	90.3	86.9	85.0	83.1	82.9
20°	548.2	392.4	158.3	103.1	93.7	87.6	83.5	80.3	78.4	76.3	76.1
22.5°	572.1	390.3	136.6	95.7	86.9	81.0	76.5	73.3	71.4	69.7	69.5
25°	599.5	388.6	118.5	88.8	80.5	74.6	69.7	66.7	64.6	63.1	62.9
27.5°	626.0	386.1	105.2	82.7	74.4	68.6	63.9	60.5	58.6	57.5	57.5
30°	652.0	385.4	100.3	76.7	68.8	63.1	58.4	55.2	53.7	53.3	53.1
32.5°	683.3	387.1	102.5	74.6	63.7	58.0	53.5	51.1	49.6	49.6	49.6
35°	716.7	386.7	105.7	76.5	60.3	52.8	49.4	47.9	46.4	46.4	46.4
37.5°	758.7	387.3	108.2	79.7	59.0	48.6	46.7	44.7	43.9	43.9	43.9
40°	821.3	408.4	107.0	82.5	58.6	45.6	41.8	41.1	40.5	40.5	40.5
42.5°	898.0	454.2	108.7	82.7	58.4	43.5	38.4	39.6	38.1	37.9	37.7
45°	982.0	504.3	119.5	78.2	58.2	42.4	36.6	38.1	35.8	35.8	35.8
47.5°	1065.3	553.9	130.6	71.8	57.5	42.2	35.2	34.3	33.7	33.9	33.9
50°	1180.1	594.4	134.9	63.1	56.0	41.8	32.4	32.6	32.2	32.6	32.6
52.5°	1305.2	602.9	129.8	53.3	51.8	40.5	30.5	31.3	31.1	31.5	31.5
55°	1383.2	593.8	107.2	44.3	45.2	35.4	28.5	30.3	30.3	30.3	30.3
57.5°	1463.7	554.8	76.1	36.0	37.5	29.0	26.8	29.2	29.0	28.8	28.8
60°	1521.6	491.7	50.1	29.6	29.8	23.9	24.9	27.5	27.3	26.2	26.2
62.5°	1564.9	422.1	32.2	25.1	22.8	21.5	22.8	24.9	24.1	21.7	21.3
65°	1560.0	325.5	24.7	21.5	18.7	18.7	19.8	21.7	19.2	15.3	14.9
67.5°	*1469.0*	*220.3*	*20.5*	*18.1*	*15.8*	*15.6*	*16.4*	*18.1*	*16.4*	*13.0*	*12.6*
70°	1306.5	144.0	16.4	14.1	12.6	11.5	13.2	15.6	13.8	10.4	10.0
72.5°	1060.4	87.8	12.4	10.2	9.2	7.5	10.4	12.8	11.1	7.7	7.2
75°	686.0	44.7	8.5	6.6	4.9	4.5	7.7	9.6	7.7	4.7	4.0
77.5°	262.5	18.7	4.7	3.0	2.6	2.1	4.3	5.8	3.2	1.1	0.9
80°	50.5	7.9	2.3	1.5	1.3	0.9	0.6	0.4	0.0	0.0	0.0
82.5°	8.7	2.6	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.0	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

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

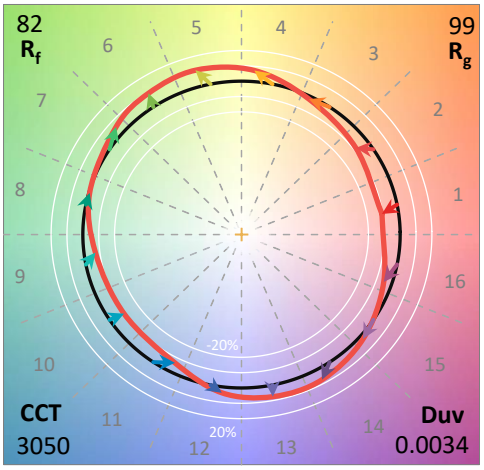
Test Information

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

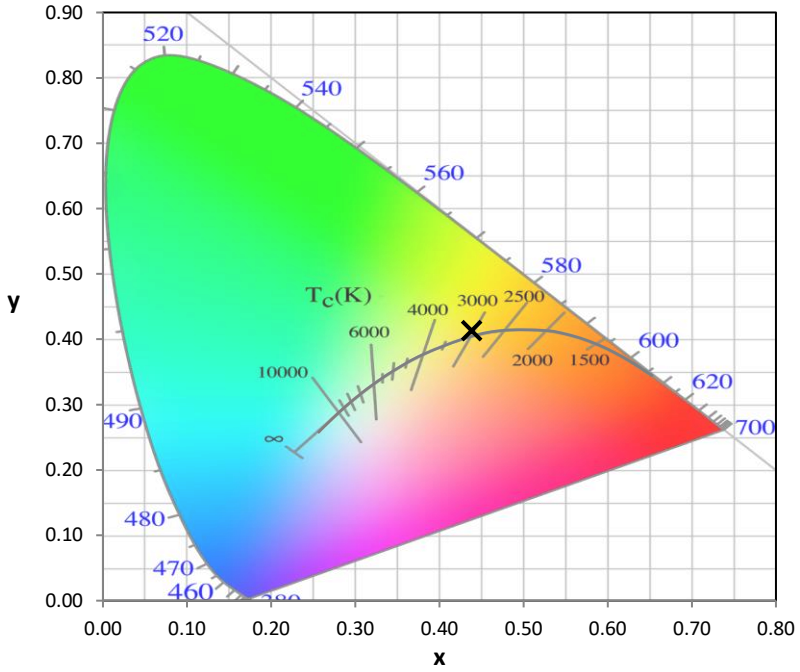
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

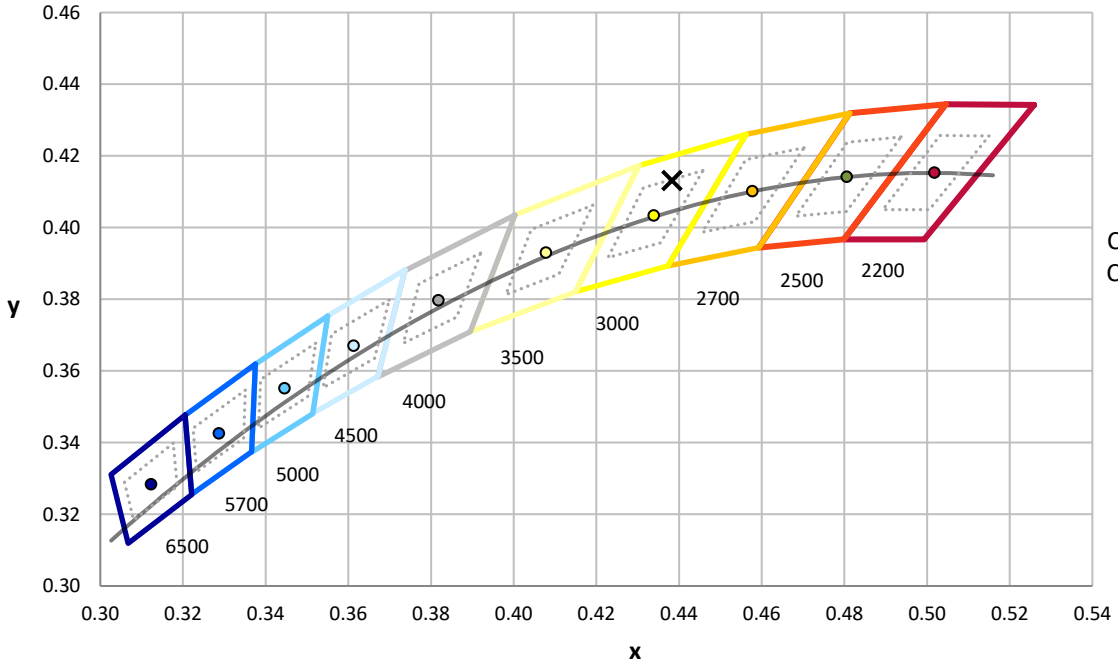
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

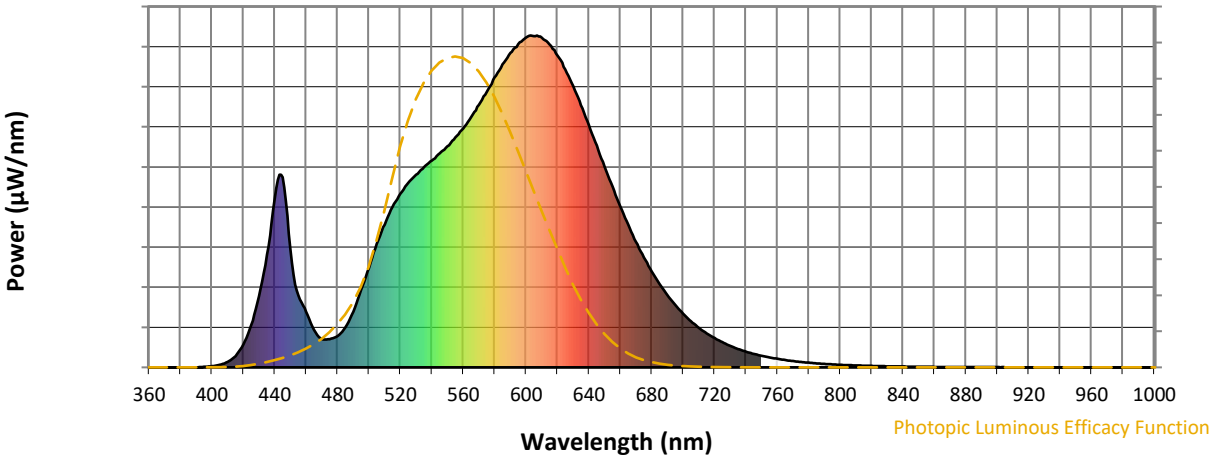


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

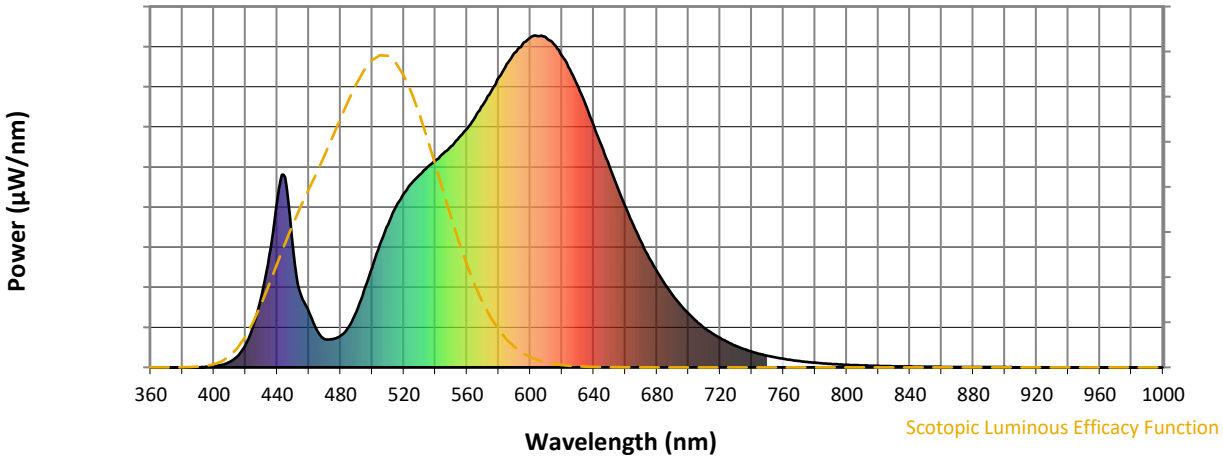


Photopic Lumens: NR

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

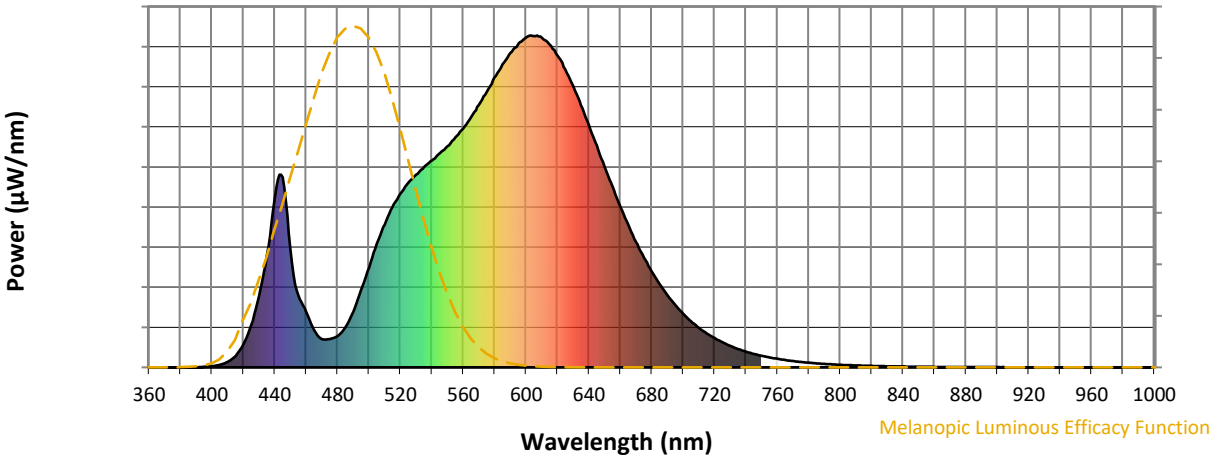


Scotopic Lumens: NR **S/P: 1.27**

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			

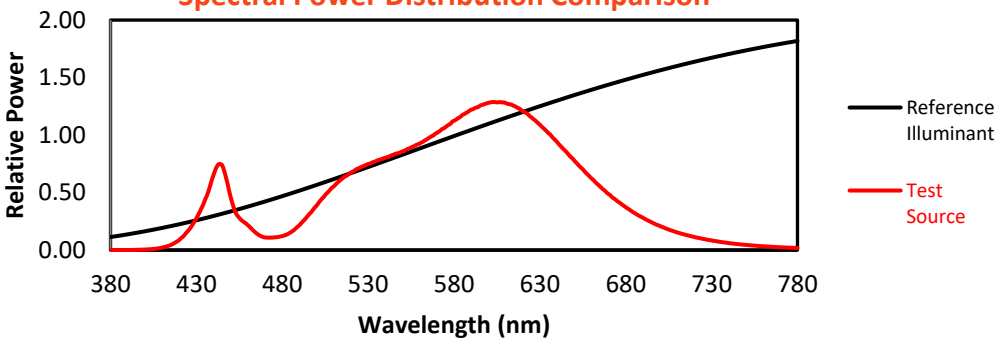
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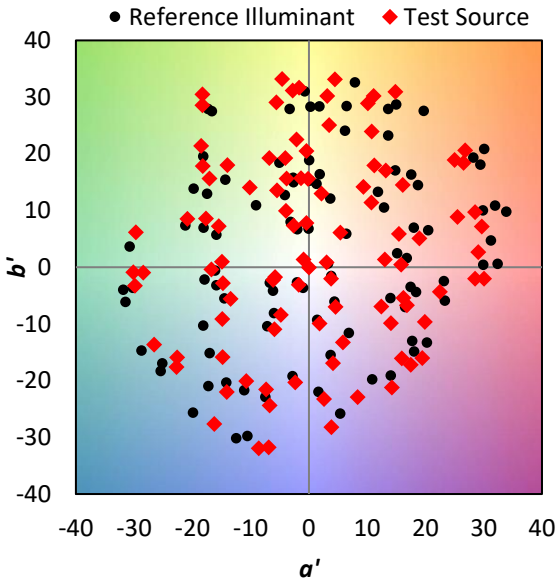
Summary

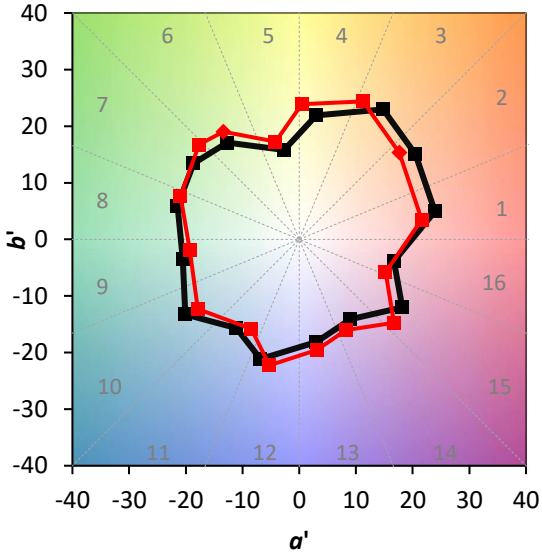
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

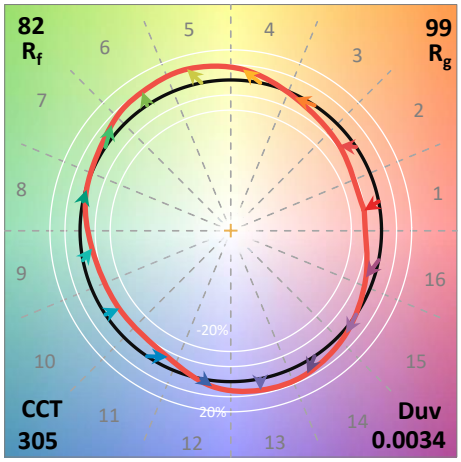
Spectral Power Distribution Comparison

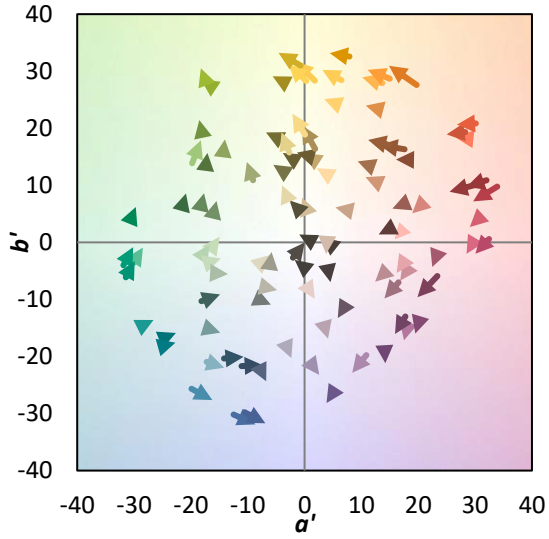


Color Vector Graphics







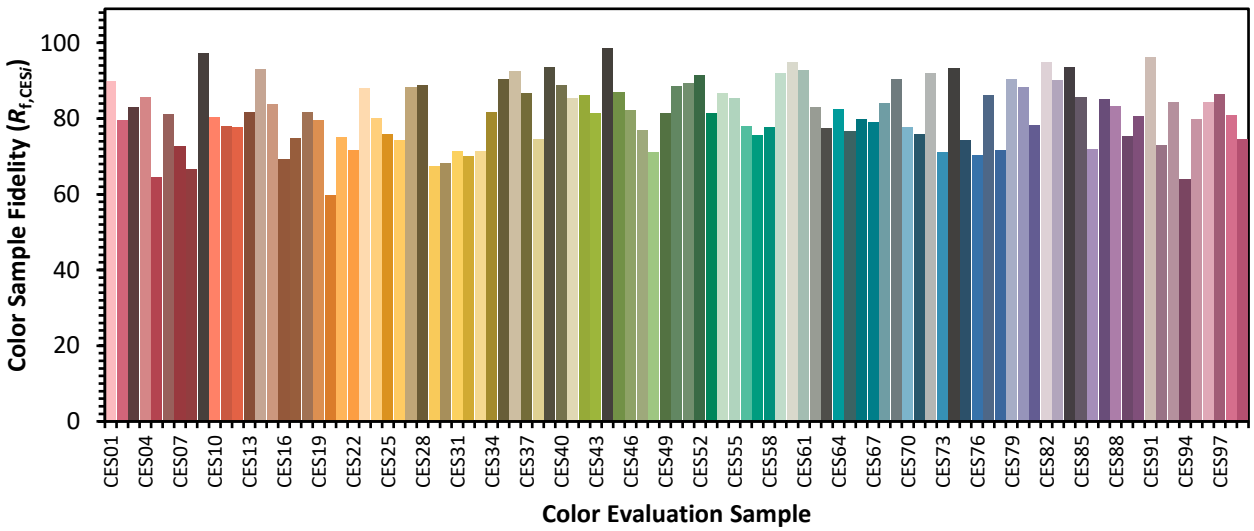


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Individual Sample Fidelity Index ($R_{f,i}$)

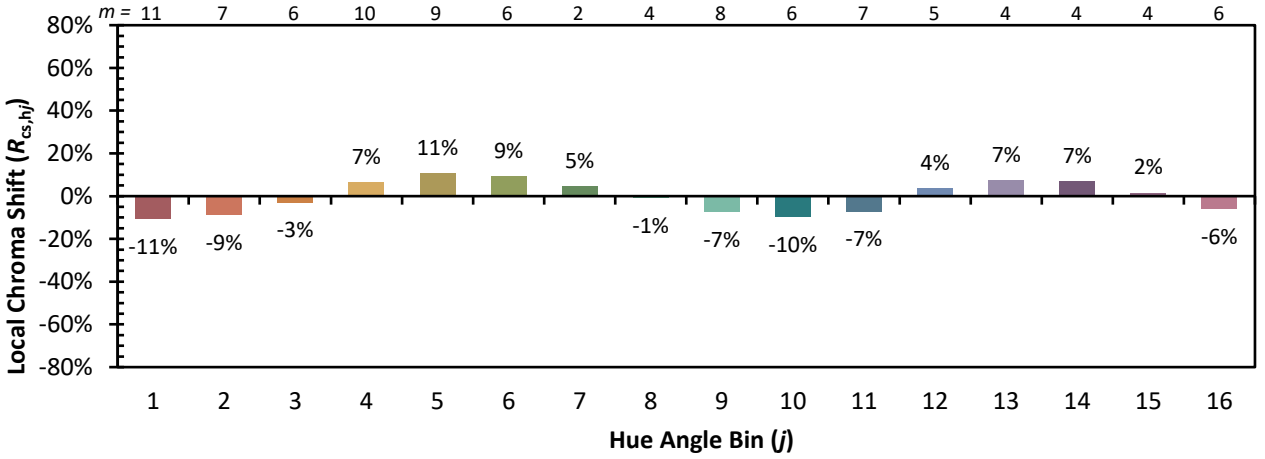
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

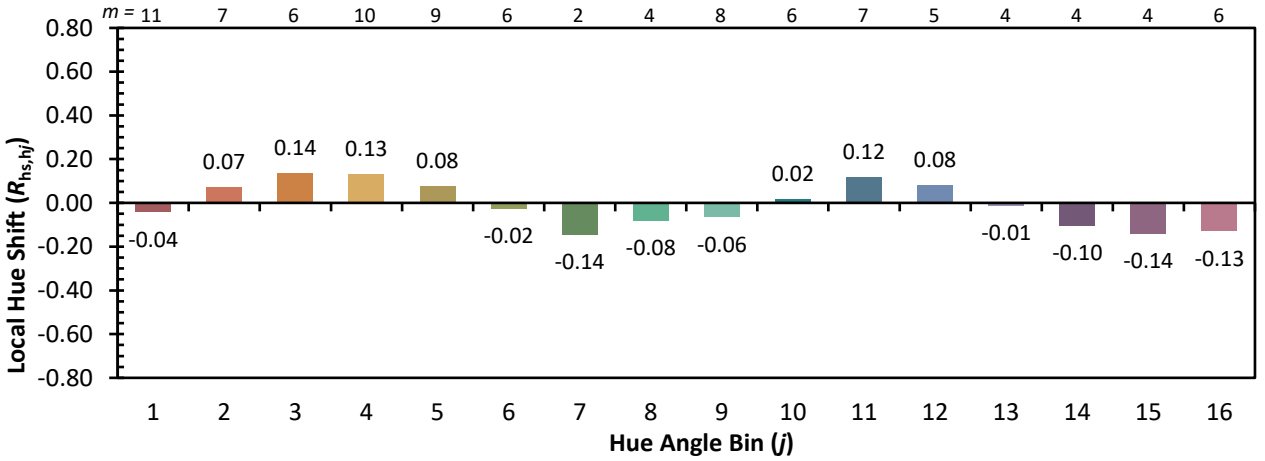


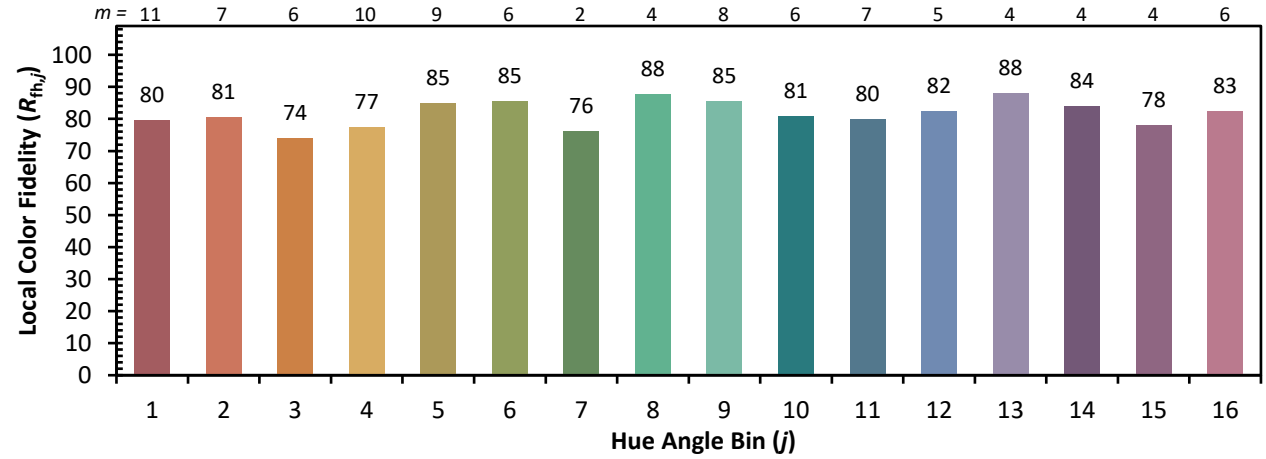
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Color Rendition by Hue-Angle Bin



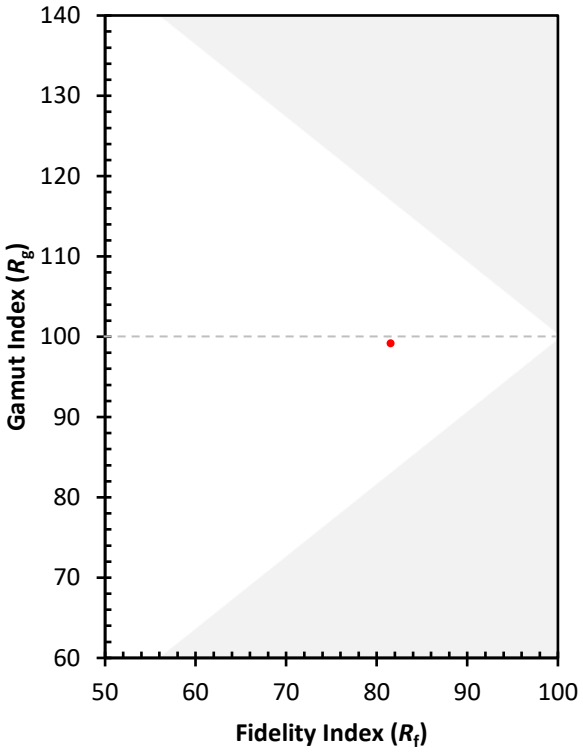


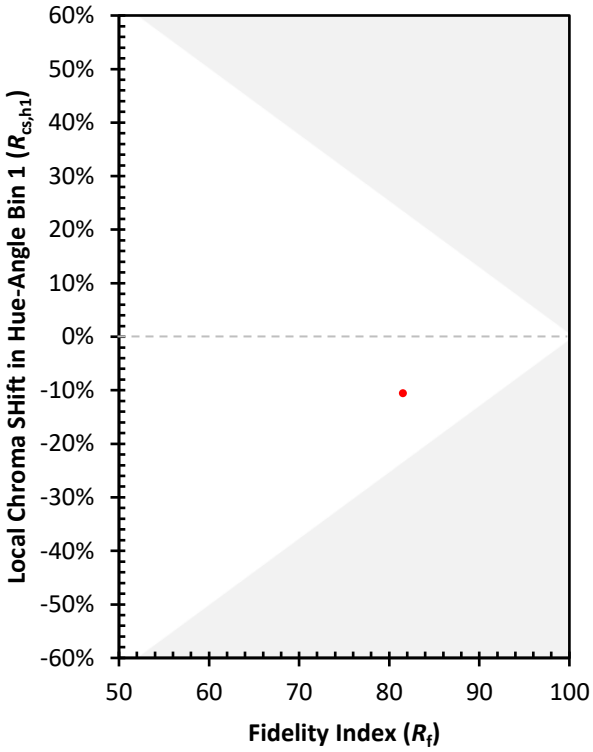


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Measure Comparisons





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