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: P1197492

Luminaire Tested: GPC-SB1A-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:	P1197492
	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-SB1A-830-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4128 lumens
Efficiency:	N/A
Efficacy:	133.6 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):	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

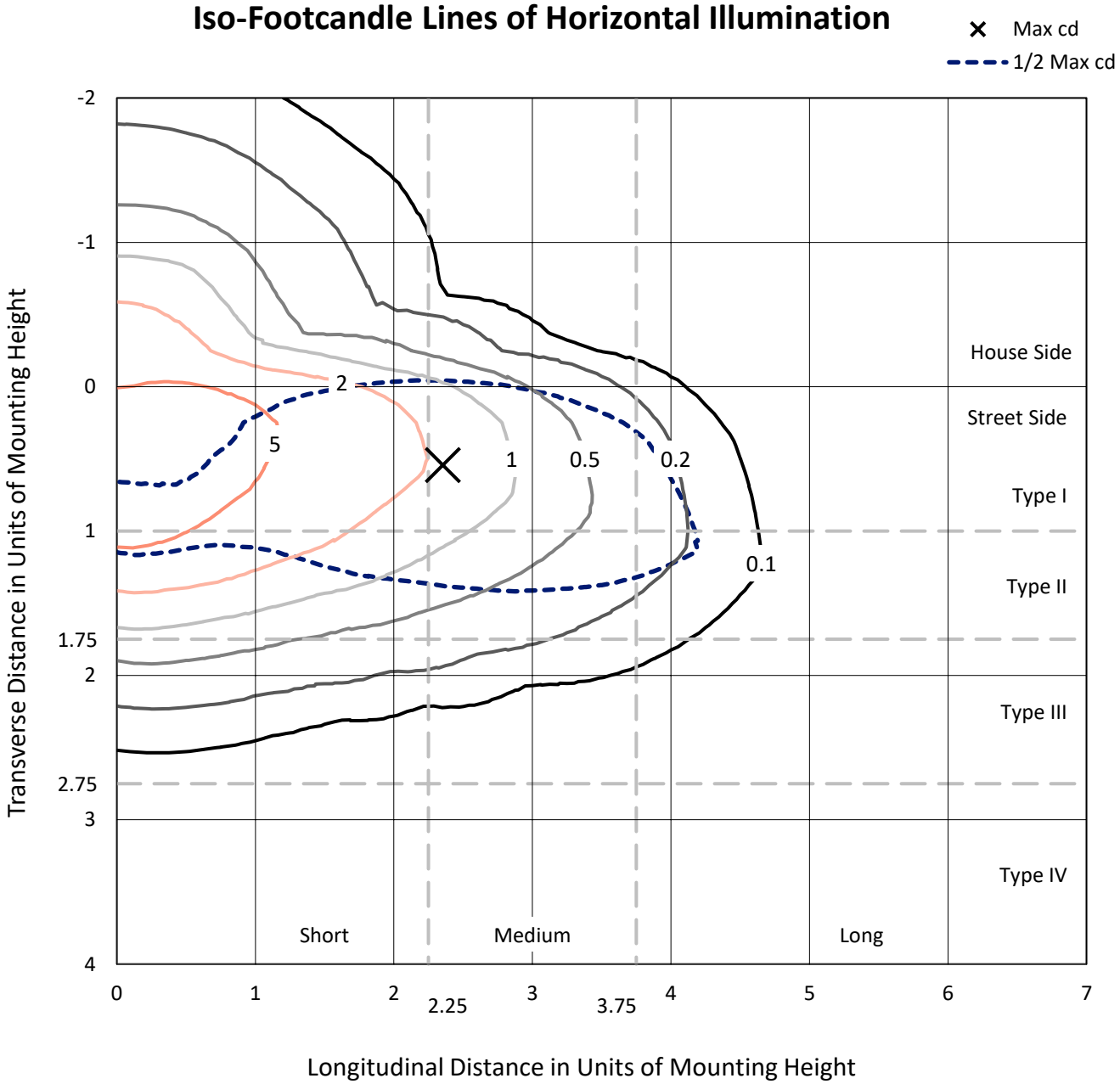


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Scaled Data Report

REPORT NUMBER: P1197492
CATALOG NUMBER: GPC-SB1A-830-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



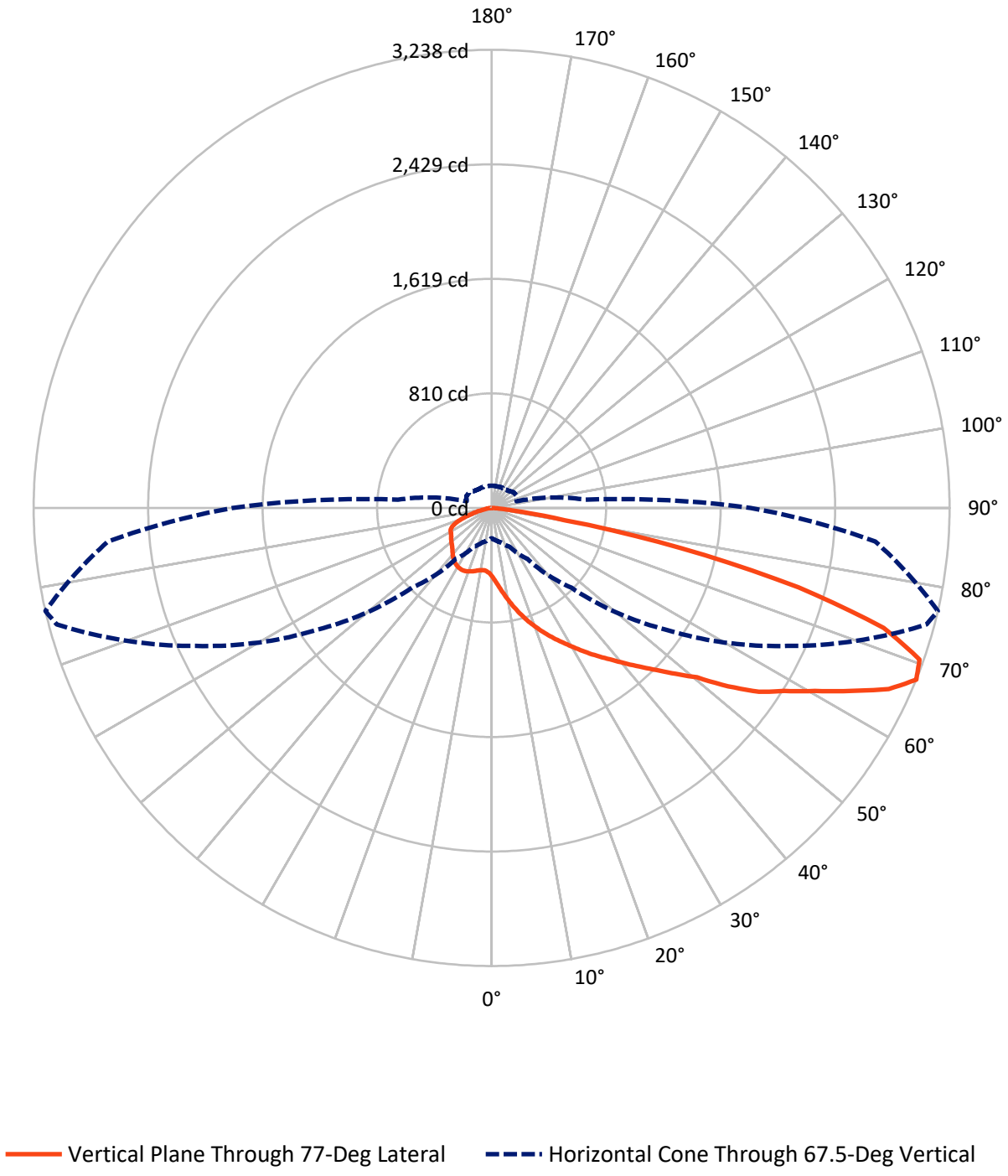
Based on 10 foot mounting height. Maximum calculated value = 9.5 fc
Type II - Medium - N/A

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REPORT NUMBER: P1197492
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Luminous Intensity Polar Plot



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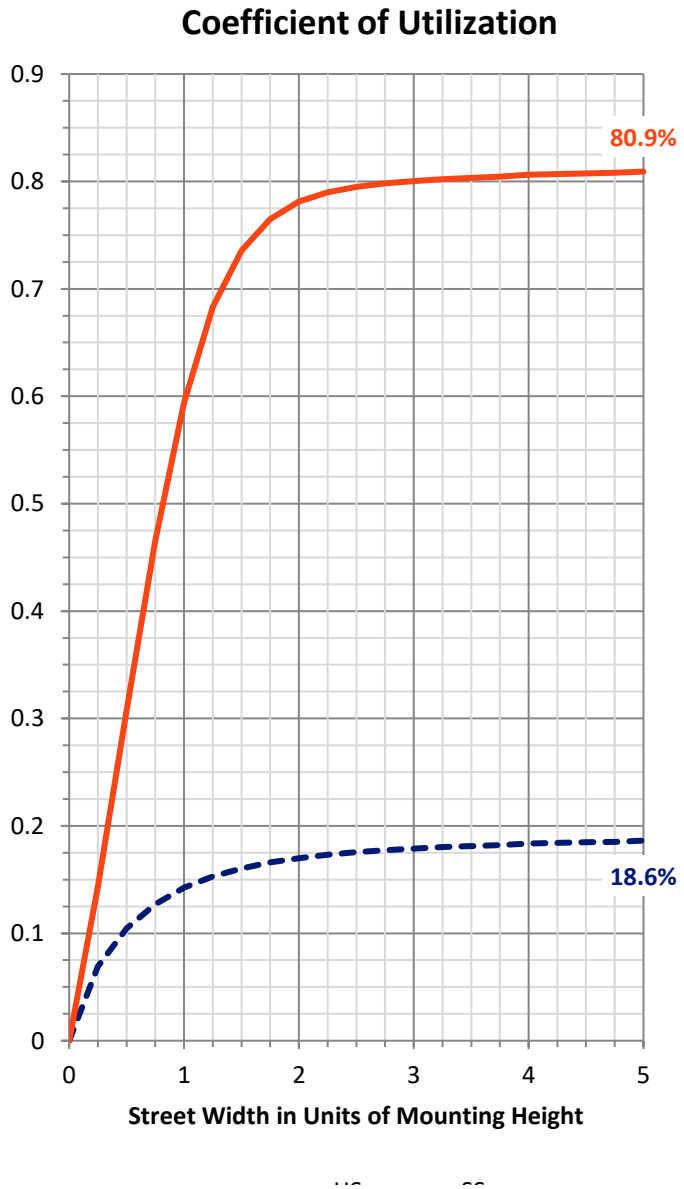
REPORT NUMBER: P1197492
CATALOG NUMBER: GPC-SB1A-830-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	780.9	0.0	780.9
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	3347.2	0.0	3347.2
	% Fixture	81.1	0.0	81.1
Total	Lumens	4128.0	0.0	4128.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.9	1.3
10°-20°	186.5	4.5
20°-30°	352.1	8.5
30°-40°	567.3	13.7
40°-50°	776.0	18.8
50°-60°	875.3	21.2
60°-70°	817.0	19.8
70°-80°	447.8	10.8
80°-90°	54.0	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°	4128.0	100.0
0°-180°	4128.0	100.0



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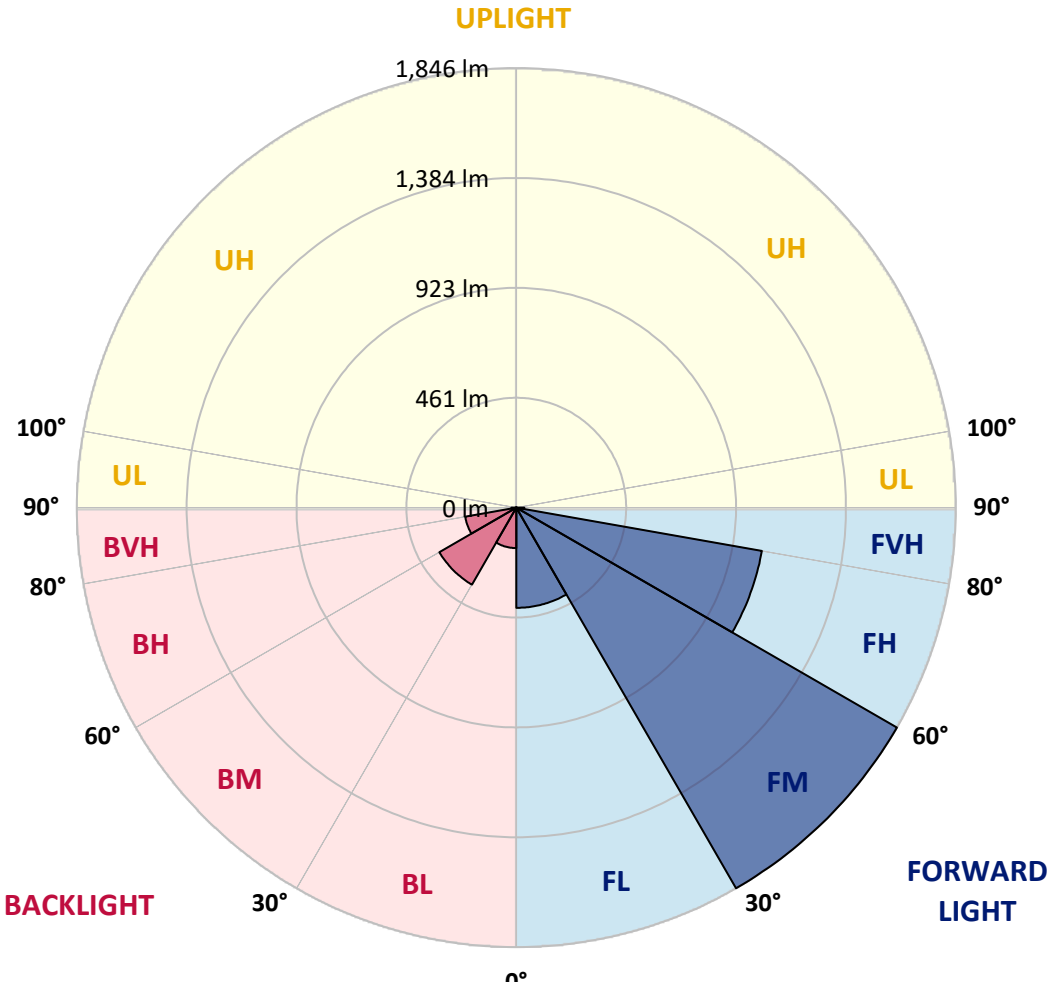
Scaled Data Report

REPORT NUMBER: P1197492
CATALOG NUMBER: GPC-SB1A-830-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	420.8	10.2			
FM	(30°-60°)	1845.6	44.7			
FH	(60°-80°)	1047.0	25.4			G1/1800
FVH	(80°-90°)	33.8	0.8			G1/100
BL	(0°-30°)	169.8	4.1	B1/500		
BM	(30°-60°)	373.0	9.0	B1/1000		
BH	(60°-80°)	217.9	5.3	B1/500		G1/500
BVH	(80°-90°)	20.2	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: P1197492
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	484.3	484.3	484.3	484.3	484.3	484.3	484.3	484.3	484.3	*484.3*	484.3
2.5°	606.4	610.7	605.4	605.4	587.5	578.1	560.2	546.6	522.1	*517.8*	501.6
5°	716.8	722.1	714.7	711.5	690.4	671.0	641.0	611.3	567.7	*563.2*	525.0
7.5°	802.3	809.1	802.5	799.1	780.3	758.6	723.4	682.1	620.5	*611.8*	556.6
10°	871.9	873.0	870.9	872.2	857.5	839.6	803.5	755.4	678.5	*666.5*	594.7
12.5°	911.4	916.3	920.5	928.2	925.6	914.6	882.2	824.6	739.8	*724.5*	636.3
15°	929.9	938.4	948.0	965.7	980.0	982.7	958.0	899.0	802.3	*783.7*	678.3
17.5°	936.5	944.6	959.7	985.3	1016.0	1036.7	1025.6	971.2	864.1	*842.8*	722.4
20°	970.0	972.3	981.5	1005.8	1039.0	1073.3	1081.6	1040.7	925.2	*901.1*	768.0
22.5°	1041.6	1036.9	1039.4	1050.5	1074.4	1107.6	1126.6	1102.1	988.1	*960.4*	814.0
25°	1159.8	1146.2	1132.5	1119.8	1131.9	1150.7	1172.2	1163.4	1053.9	*1018.8*	860.4
27.5°	1309.2	1292.6	1262.5	1220.6	1205.8	1212.5	1222.0	1220.3	1114.9	*1079.3*	908.4
30°	1456.2	1436.8	1401.0	1340.3	1301.5	1284.1	1276.8	1271.9	1181.1	*1143.2*	956.8
32.5°	1573.6	1558.3	1523.1	1455.2	1398.9	1369.1	1345.0	1327.5	1250.4	*1212.5*	1007.9
35°	1676.3	1662.1	1621.8	1547.6	1486.5	1454.7	1423.2	1385.9	1322.4	*1284.1*	1062.9
37.5°	1770.1	1755.8	1700.6	1623.5	1561.9	1540.0	1511.8	1448.6	1394.6	*1358.4*	1121.0
40°	1829.3	1826.1	1774.6	1687.2	1623.3	1612.4	1603.0	1521.2	1474.8	*1441.1*	1185.0
42.5°	1844.5	1851.5	1810.6	1738.8	1677.8	1669.1	1691.0	1603.5	1564.7	*1532.5*	1257.4
45°	1808.0	1828.3	1801.4	1752.6	1716.6	1711.9	1769.0	1693.4	1664.2	*1634.8*	1344.8
47.5°	1715.8	1750.1	1739.0	1732.2	1727.1	1747.3	1837.6	1788.9	1776.9	*1751.3*	1444.5
50°	1529.5	1594.5	1613.9	1657.0	1706.4	1774.8	1900.1	1893.0	1908.6	*1882.8*	1566.0
52.5°	1207.6	1297.0	1409.6	1517.4	1642.9	1765.6	1968.7	2042.6	2108.3	*2094.2*	1759.0
55°	996.8	1037.1	1123.6	1321.3	1519.7	1727.1	1999.6	2163.5	2306.4	*2293.9*	1905.4
57.5°	834.9	870.9	924.2	1089.3	1333.5	1639.5	2018.8	2237.2	2442.2	*2440.9*	2049.9
60°	661.2	699.3	753.9	870.9	1115.9	1488.2	2014.5	2321.1	2615.4	*2626.1*	2226.1
62.5°	465.2	507.1	567.7	676.8	893.7	1292.1	1927.6	2381.9	2819.3	*2848.3*	2438.1
65°	305.8	333.5	379.1	473.3	665.9	1040.1	1761.6	2389.8	3037.5	*3086.5*	2637.1
67.5°	*214.4*	*225.0*	*251.9*	*303.0*	*439.0*	*797.6*	*1497.1*	*2308.1*	*3183.1*	*3238.3*	*2723.4*
70°	167.3	172.6	186.2	206.7	275.7	536.3	1147.3	2095.9	3152.0	*3209.5*	2633.3
72.5°	144.5	149.6	154.7	157.3	185.0	331.1	777.1	1752.4	2859.0	*2898.0*	2289.6
75°	131.0	132.3	136.6	135.7	141.1	214.8	448.5	1276.8	2255.7	*2242.3*	1690.2
77.5°	110.2	111.9	118.9	117.8	125.3	146.8	232.9	824.0	1462.4	*1371.2*	940.8
80°	93.3	94.2	101.9	100.6	108.9	106.3	118.9	420.0	620.3	*525.5*	271.3
82.5°	32.4	40.1	77.8	80.1	83.1	64.4	68.6	171.3	189.4	*145.1*	56.9
85°	15.8	16.8	39.6	56.3	56.0	32.4	33.5	61.2	59.7	*46.9*	19.0
87.5°	2.6	3.2	4.7	21.9	17.5	8.5	11.5	11.9	12.4	*10.7*	4.3
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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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1197492
CATALOG NUMBER: GPC-SB1A-830-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	484.3	484.3	484.3	484.3	484.3	484.3	484.3	484.3	484.3	484.3	484.3
2.5°	489.7	479.0	456.6	436.0	419.8	404.2	395.5	388.0	383.8	382.9	382.9
5°	502.9	480.9	440.2	405.9	383.6	366.9	358.2	352.7	349.9	348.2	348.0
7.5°	521.8	489.7	431.7	392.7	369.3	357.3	352.9	352.0	351.8	352.0	352.7
10°	548.1	503.9	430.9	389.5	369.9	363.3	363.1	363.3	364.2	364.4	364.6
12.5°	576.4	518.6	434.3	392.3	378.0	374.4	373.8	373.5	374.2	374.6	374.8
15°	607.3	538.0	440.0	398.3	387.0	383.1	382.5	381.2	381.0	380.8	380.6
17.5°	639.0	557.2	446.4	404.6	392.7	387.4	385.0	382.1	379.7	379.1	379.7
20°	671.2	576.2	450.9	407.8	393.1	385.7	381.0	375.9	371.8	369.5	370.3
22.5°	705.5	596.0	453.7	407.0	389.3	379.1	370.6	364.6	358.4	354.4	354.6
25°	739.0	613.3	453.4	402.5	381.8	368.9	358.0	350.3	341.8	337.5	337.5
27.5°	771.2	628.8	448.1	394.6	371.2	356.7	343.7	334.5	326.2	322.2	322.0
30°	804.4	641.8	439.8	383.1	358.6	342.6	328.4	320.5	313.0	309.2	309.0
32.5°	837.4	653.7	428.1	368.9	344.1	328.8	314.7	307.5	303.0	303.0	303.2
35°	872.4	662.1	412.5	352.2	328.8	314.1	303.0	298.7	298.3	295.8	295.1
37.5°	909.2	667.4	393.6	335.2	313.7	299.8	296.4	291.3	287.0	281.5	280.6
40°	948.0	672.7	370.8	317.5	297.7	290.0	288.5	281.7	269.6	255.9	254.0
42.5°	995.1	676.3	347.1	299.8	280.8	278.3	280.4	268.7	249.3	239.1	239.3
45°	1049.7	682.3	325.4	282.3	263.6	263.6	272.5	257.2	241.2	234.8	235.9
47.5°	1120.4	696.1	305.1	263.2	247.6	251.9	255.1	243.3	234.4	226.5	226.3
50°	1222.7	729.4	284.3	243.8	235.5	244.0	239.5	232.7	222.2	215.9	215.2
52.5°	1349.7	749.0	265.7	226.3	225.0	233.5	227.1	220.8	212.9	204.3	202.6
55°	1436.2	752.6	250.2	213.5	218.0	217.1	214.8	209.0	204.8	193.5	193.7
57.5°	1532.9	759.9	237.4	205.8	213.5	204.1	203.3	198.4	192.8	185.2	182.6
60°	1648.6	771.2	226.3	202.9	209.7	195.6	191.4	189.4	183.9	180.1	181.1
62.5°	1774.8	781.4	215.0	203.3	205.2	187.3	180.9	180.3	176.9	175.6	175.6
65°	1860.9	753.5	200.9	202.9	198.2	178.8	170.7	170.5	167.7	167.3	167.1
67.5°	*1830.8*	*665.0*	*182.0*	*196.9*	*190.9*	*170.3*	*161.3*	*160.5*	*156.8*	*157.0*	*157.0*
70°	1680.4	538.9	155.8	182.2	182.0	162.6	151.5	148.7	143.8	144.7	145.5
72.5°	1398.3	399.3	120.6	157.7	167.7	155.6	140.2	135.7	129.6	130.4	130.2
75°	1009.8	271.5	87.8	120.0	146.0	147.2	129.1	121.5	114.0	115.3	115.7
77.5°	516.7	153.8	64.6	82.7	114.6	133.8	119.1	108.9	107.2	119.1	117.4
80°	168.6	77.1	44.7	58.0	75.2	109.5	104.4	92.7	92.3	95.0	81.6
82.5°	50.3	32.6	28.8	38.1	41.6	84.0	90.1	70.1	60.3	63.5	65.6
85°	17.3	15.8	16.4	19.0	19.8	49.2	63.1	46.5	43.9	48.4	47.7
87.5°	4.0	5.5	4.7	4.3	4.3	11.9	24.5	19.4	26.8	17.9	17.3
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

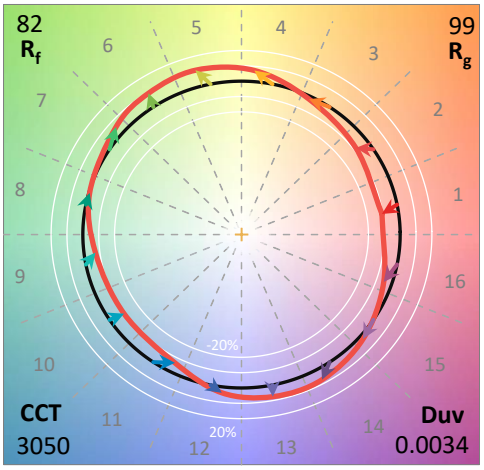
Test Information

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

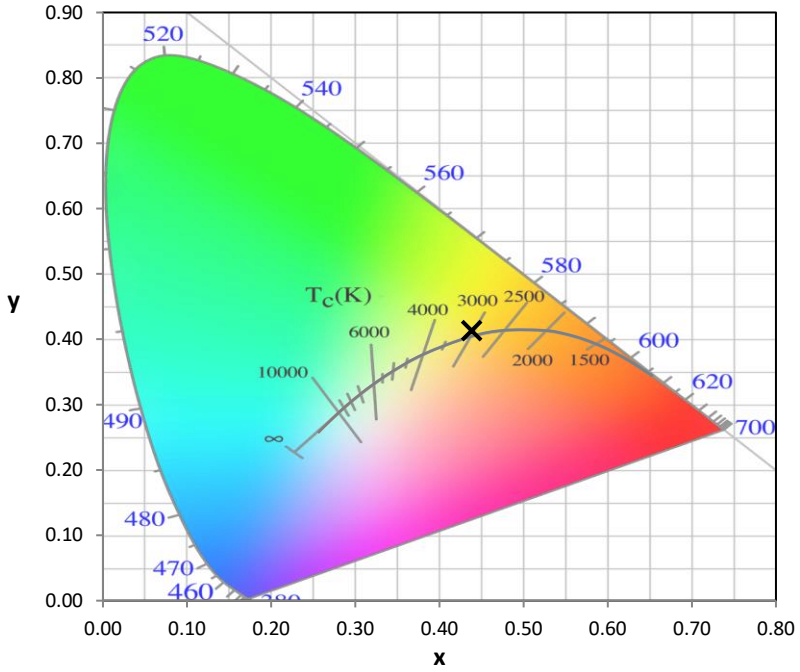
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

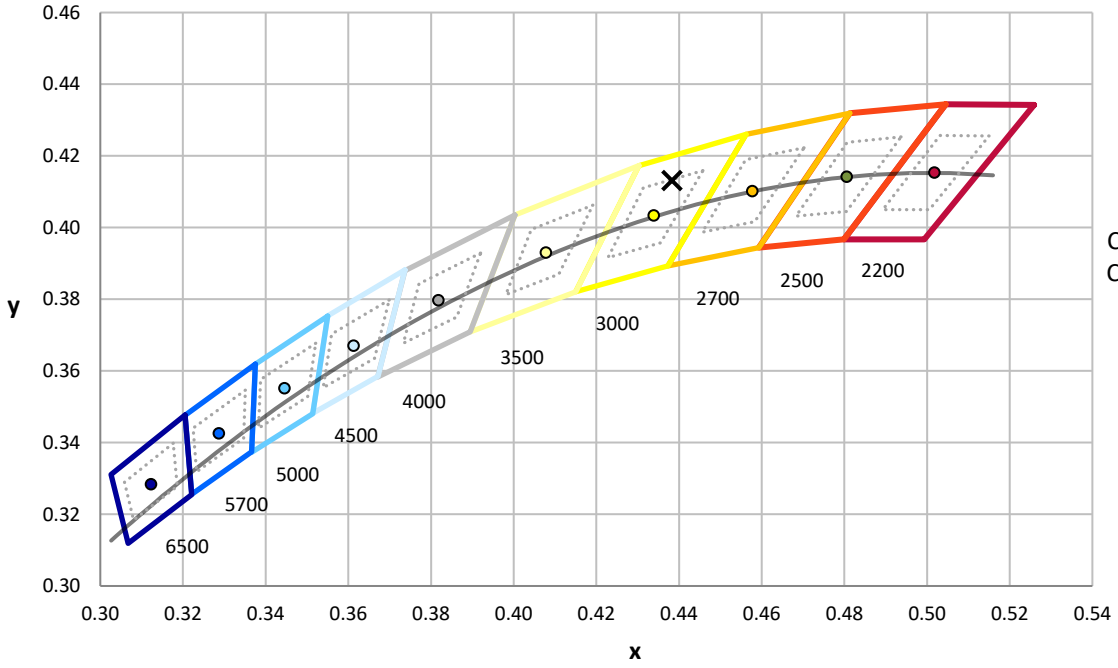
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

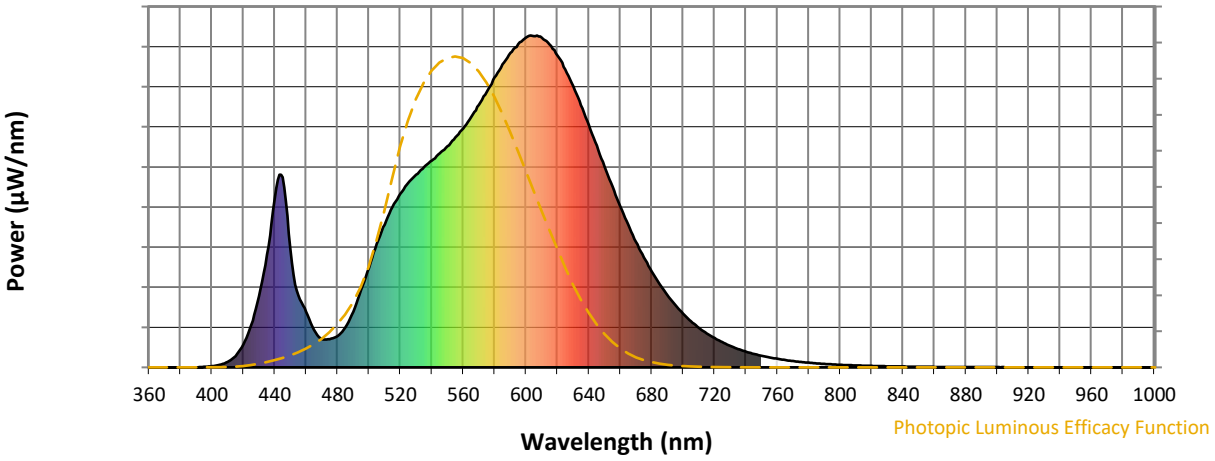


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

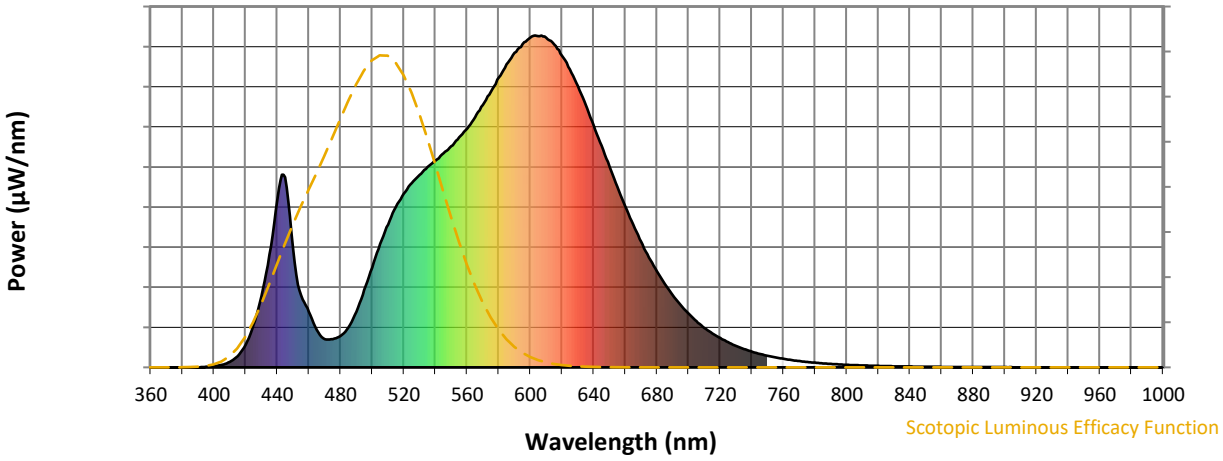


Photopic Lumens: NR

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

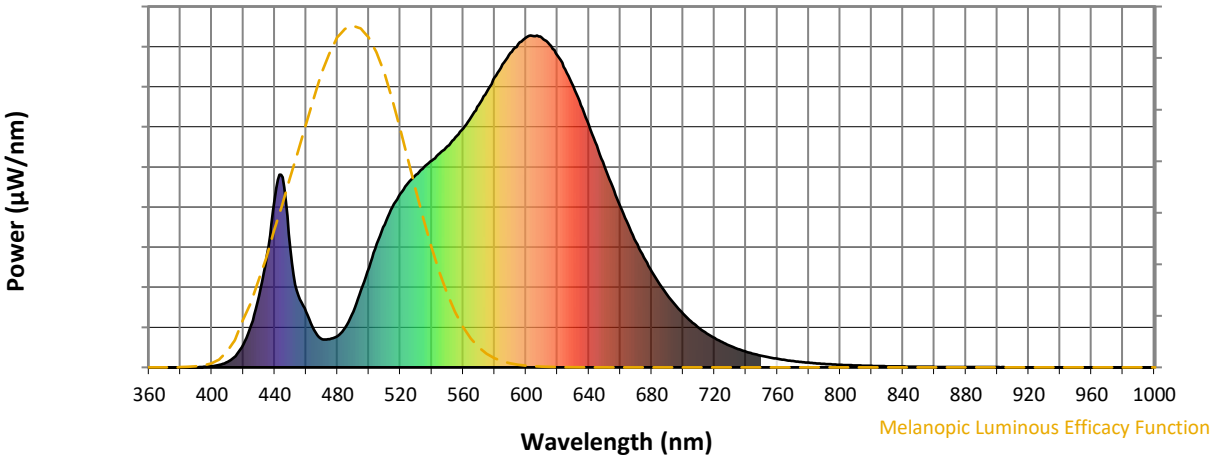


Scotopic Lumens: NR **S/P: 1.27**

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			

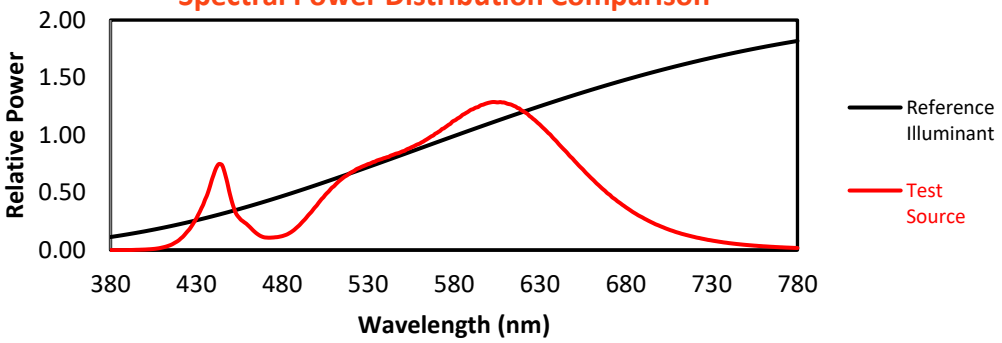
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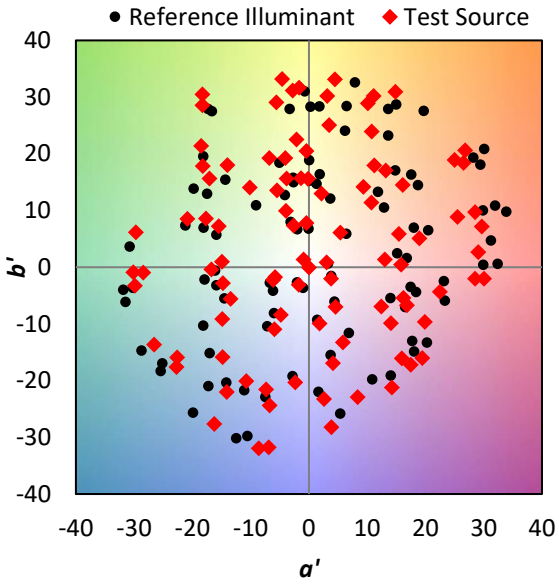
Summary

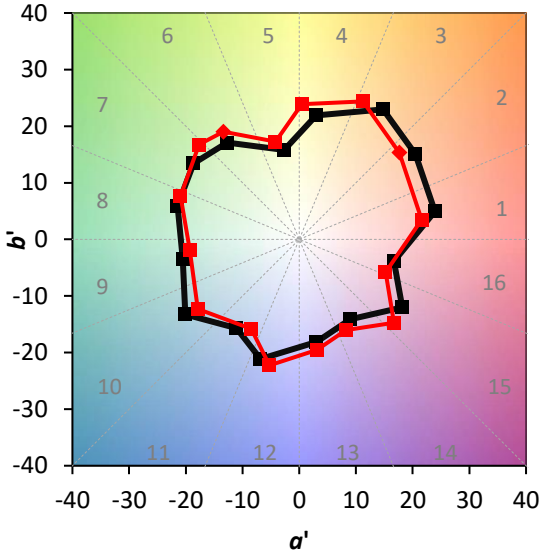
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

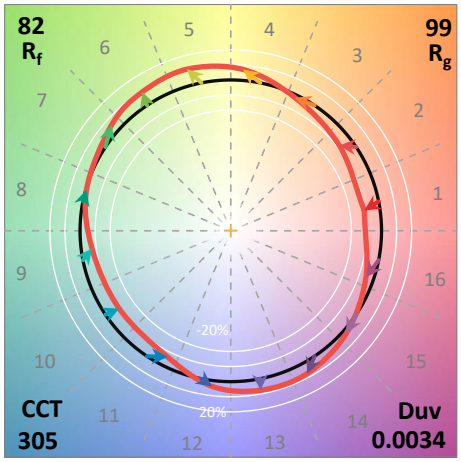
Spectral Power Distribution Comparison

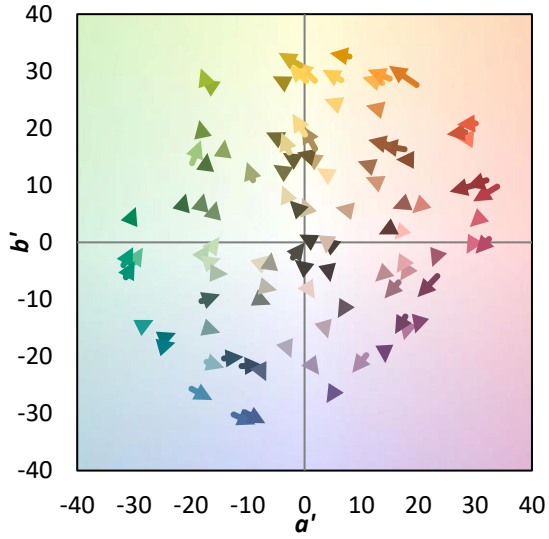


Color Vector Graphics







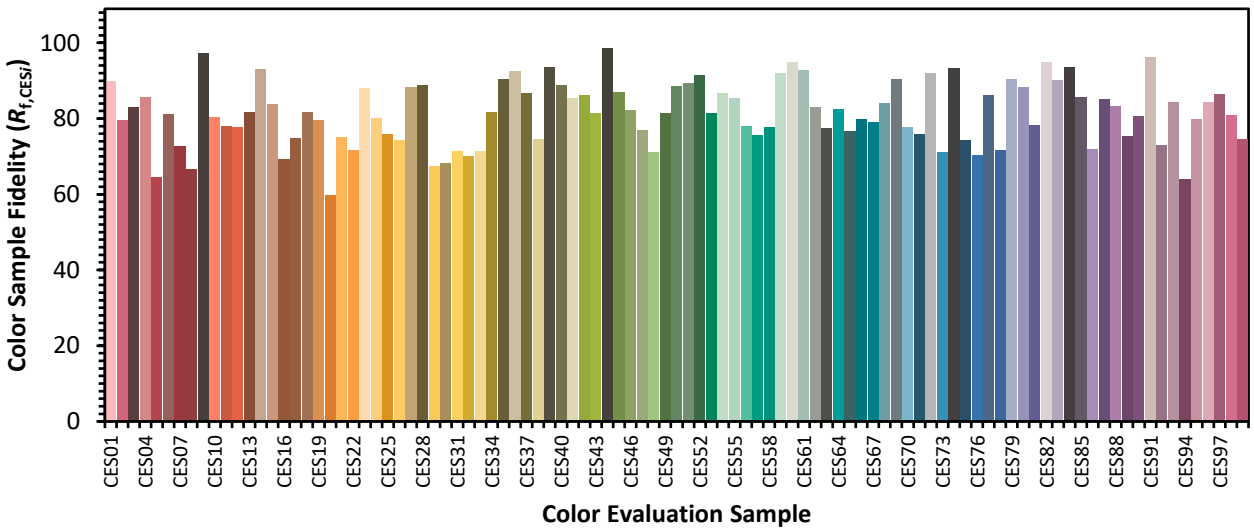


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Individual Sample Fidelity Index ($R_{f,i}$)

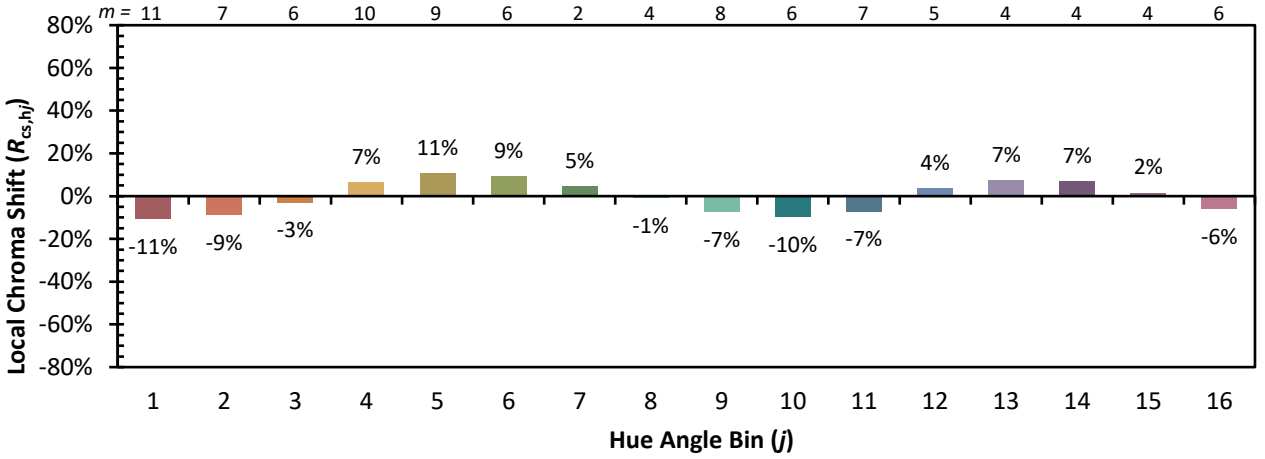
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

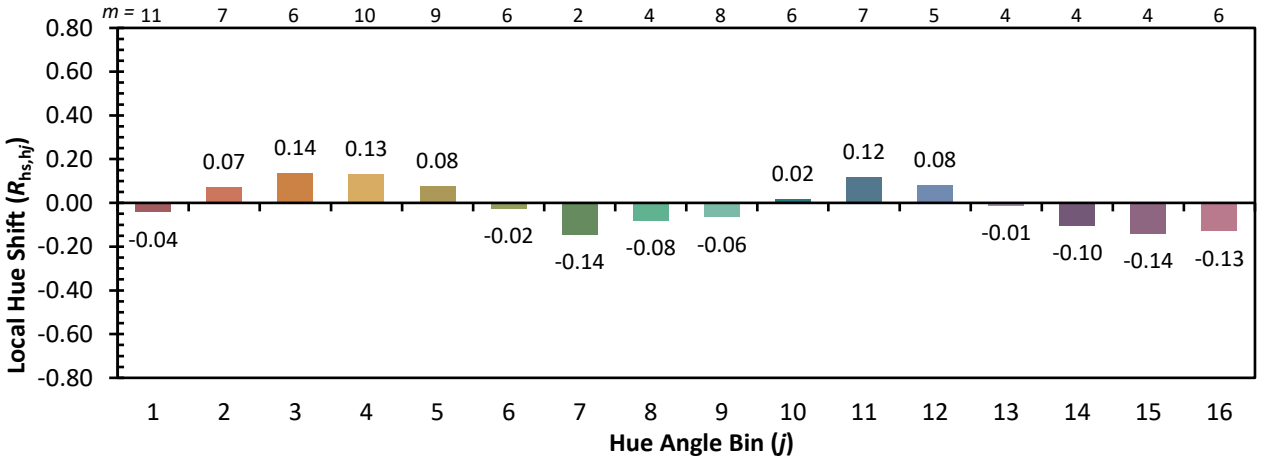


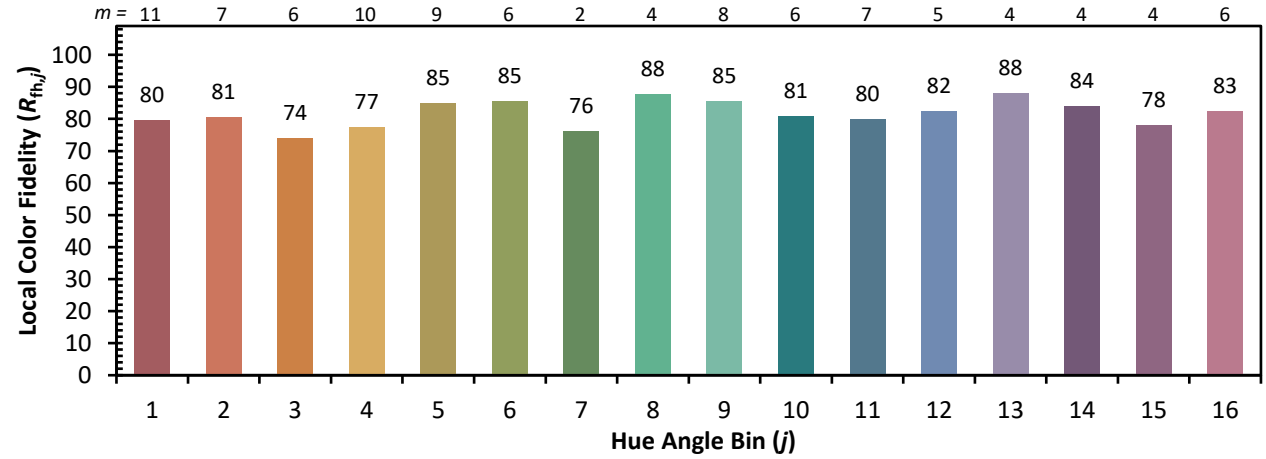
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Color Rendition by Hue-Angle Bin



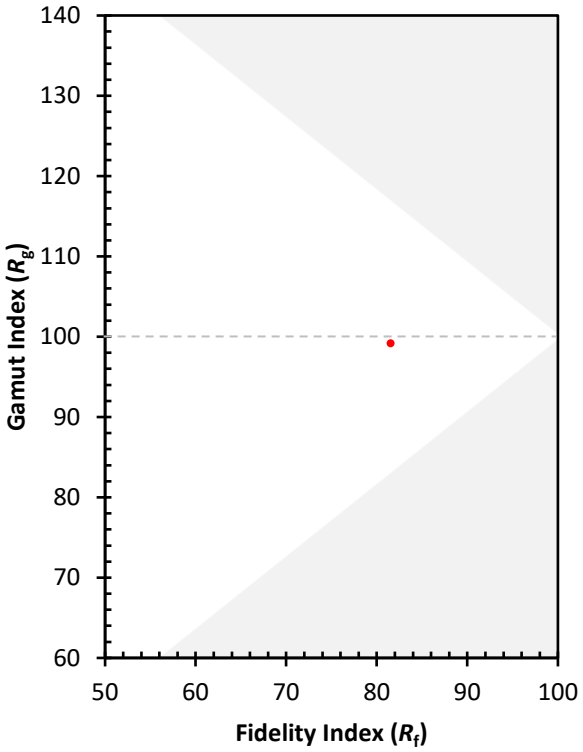


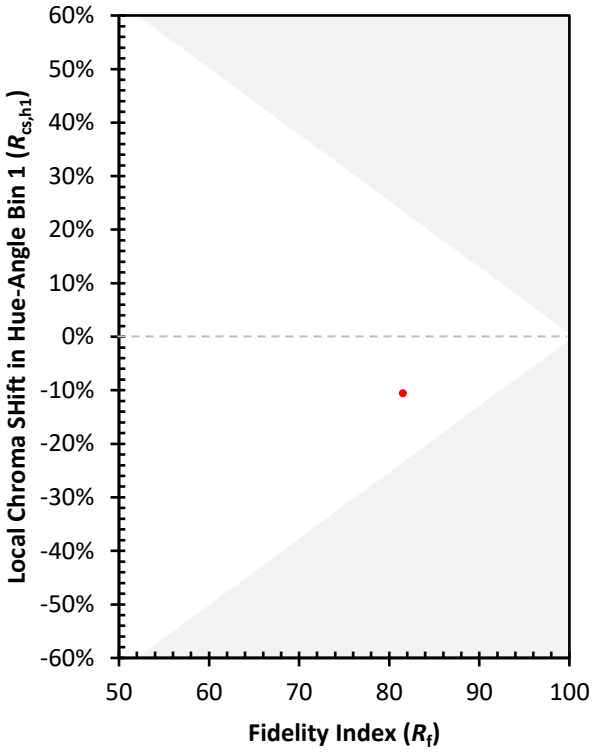


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Measure Comparisons





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