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: P1200347

Luminaire Tested: GPC-SB2C-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:	P1200347
	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-SB2C-830-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II ROADWAY OPTIC WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11392 lumens
Efficiency:	N/A
Efficacy:	112.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

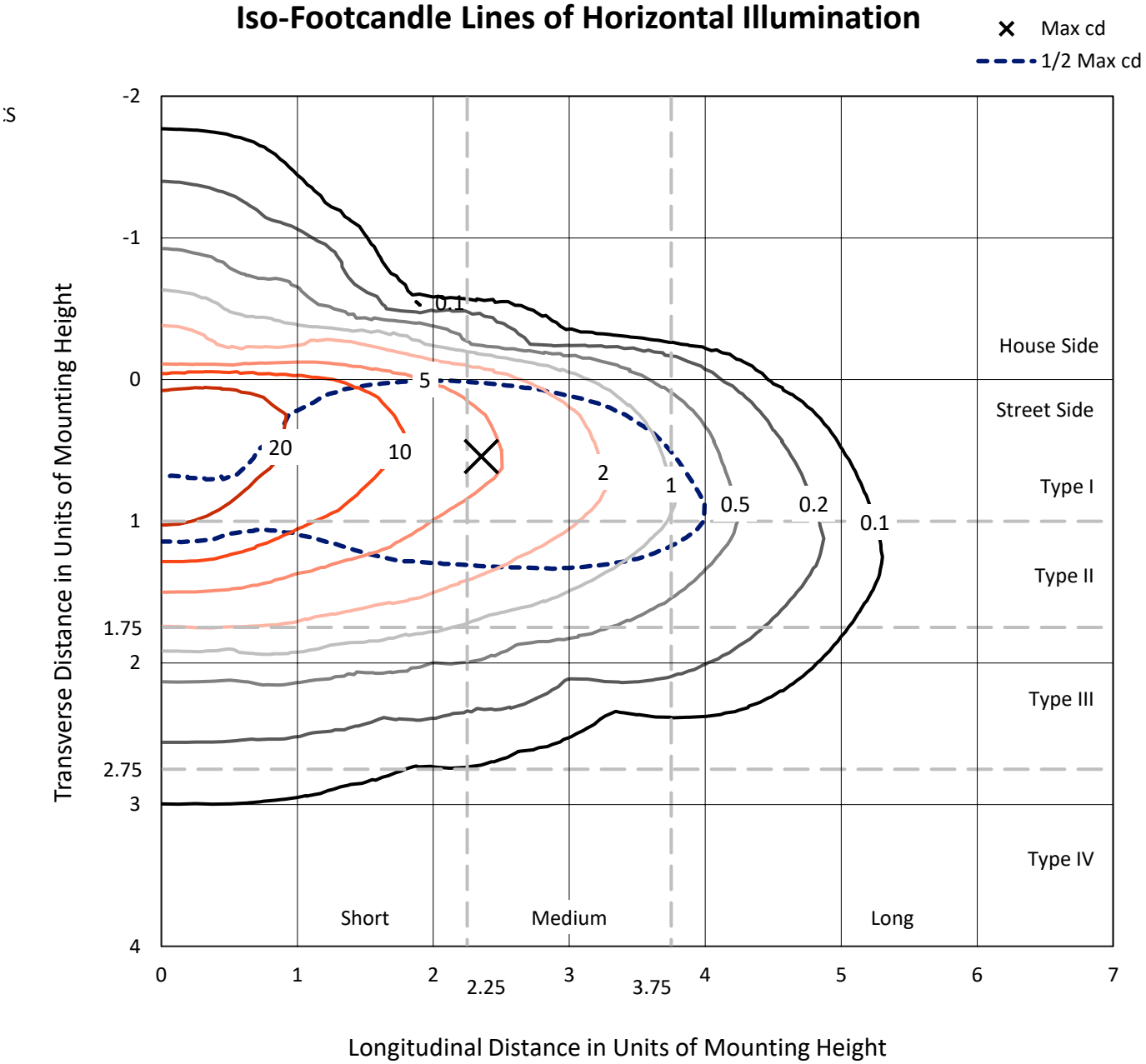


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Scaled Data Report

REPORT NUMBER: P1200347
CATALOG NUMBER: GPC-SB2C-830-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination



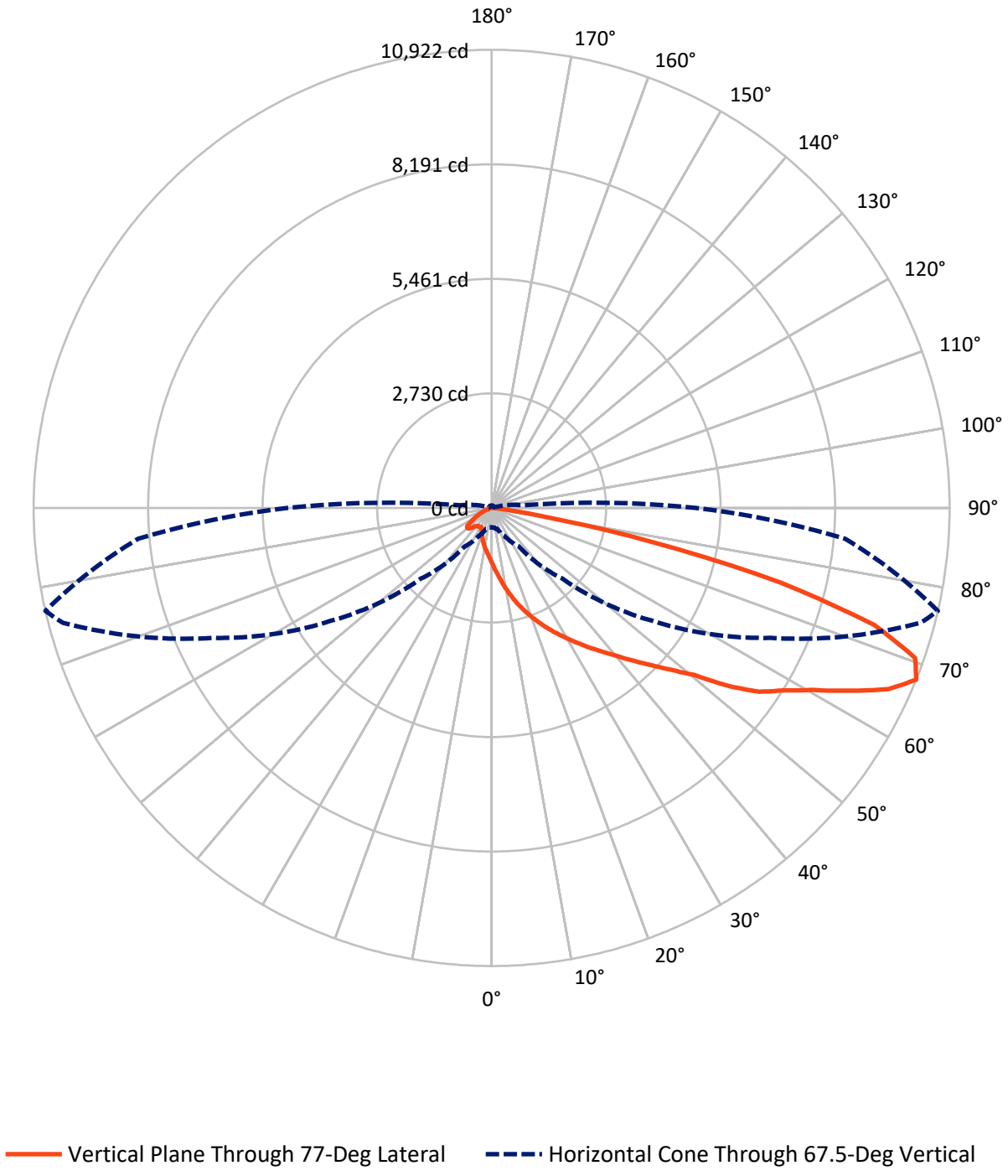
Based on 10 foot mounting height. Maximum calculated value = 30.7 fc
Type II - Medium - N/A

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REPORT NUMBER: P1200347
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Luminous Intensity Polar Plot



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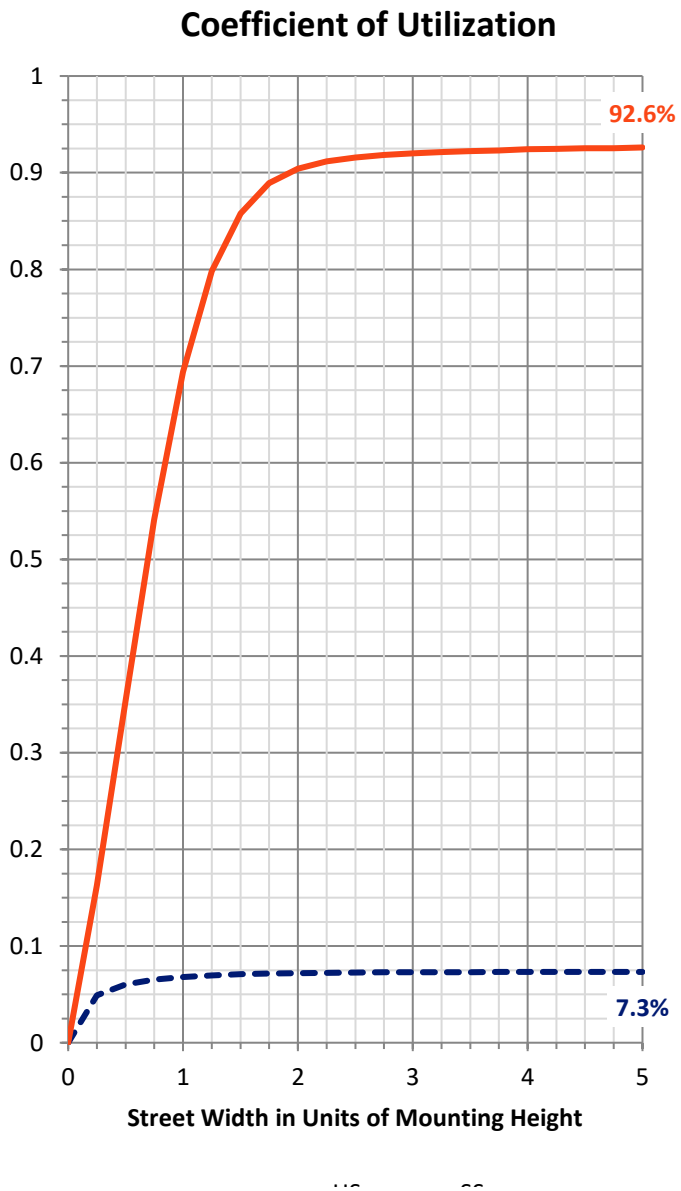
REPORT NUMBER: P1200347
CATALOG NUMBER: GPC-SB2C-830-U-T2R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	838.1	0.0	838.1
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	10553.9	0.0	10553.9
	% Fixture	92.6	0.0	92.6
Total	Lumens	11392.0	0.0	11392.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.1	1.2
10°-20°	469.5	4.1
20°-30°	906.1	8.0
30°-40°	1573.0	13.8
40°-50°	2283.9	20.0
50°-60°	2622.8	23.0
60°-70°	2277.1	20.0
70°-80°	1072.5	9.4
80°-90°	53.0	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°	11392.0	100.0
0°-180°	11392.0	100.0



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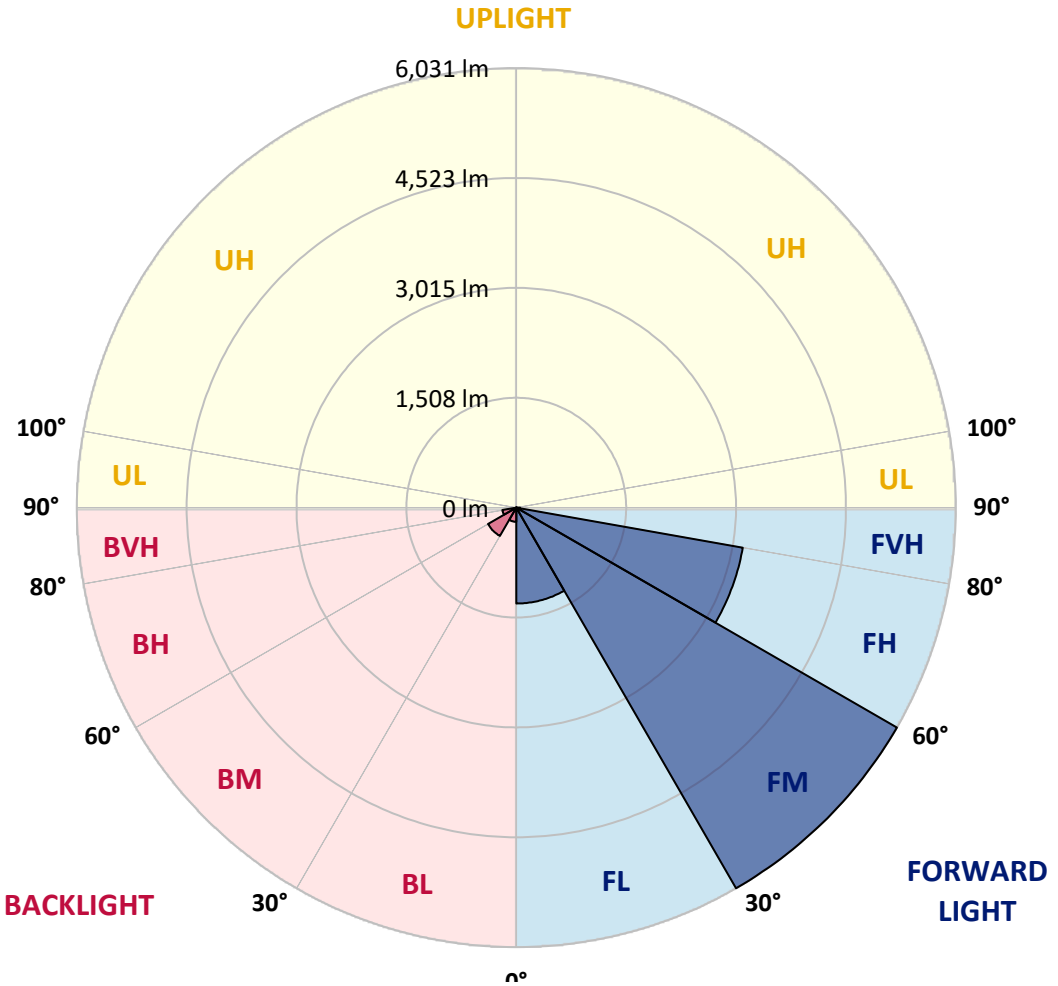
Scaled Data Report

REPORT NUMBER: P1200347
CATALOG NUMBER: GPC-SB2C-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°)	1315.7	11.5			
FM	(30°-60°)	6030.6	52.9			
FH	(60°-80°)	3155.6	27.7			G2/5000
FVH	(80°-90°)	52.1	0.5			G1/100
BL	(0°-30°)	194.0	1.7	B1/500		
BM	(30°-60°)	449.1	3.9	B1/1000		
BH	(60°-80°)	194.0	1.7	B1/500		G1/500
BVH	(80°-90°)	1.0	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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	*1313.7*	1313.7
2.5°	1818.8	1830.1	1813.8	1782.7	1736.0	1705.6	1631.3	1561.3	1483.4	*1458.7*	1380.9
5°	2217.0	2226.9	2208.5	2174.6	2112.3	2052.9	1955.3	1808.9	1656.8	*1607.9*	1470.0
7.5°	2512.0	2517.7	2510.6	2479.5	2420.1	2352.9	2243.9	2070.6	1844.9	*1791.2*	1579.7
10°	2724.2	2742.6	2740.5	2728.5	2688.9	2634.4	2518.4	2321.0	2055.7	*1986.4*	1703.4
12.5°	2865.0	2885.5	2897.6	2924.4	2922.3	2887.7	2785.8	2577.1	2265.8	*2184.5*	1842.8
15°	2906.1	2928.0	2974.0	3036.2	3091.4	3109.1	3037.6	2828.2	2497.2	*2393.2*	1985.7
17.5°	2882.7	2916.7	2971.8	3070.2	3191.1	3271.1	3263.3	3070.9	2707.3	*2588.4*	2125.8
20°	2934.3	2966.9	3010.0	3092.8	3233.6	3378.6	3436.6	3302.9	2916.0	*2791.4*	2272.9
22.5°	3220.1	3214.5	3218.7	3232.2	3316.3	3460.0	3579.5	3513.7	3122.5	*2995.2*	2428.5
25°	3672.9	3647.4	3604.3	3531.4	3510.2	3579.5	3704.0	3700.5	3340.4	*3203.9*	2587.7
27.5°	4192.1	4187.9	4086.7	3911.3	3812.2	3785.4	3844.8	3882.3	3556.2	*3410.4*	2747.6
30°	4689.4	4700.8	4564.2	4369.0	4187.2	4081.8	4028.0	4054.9	3775.5	*3633.3*	2912.4
32.5°	5122.4	5134.4	4985.8	4757.3	4532.4	4405.1	4291.9	4225.4	4014.6	*3859.6*	3093.5
35°	5488.1	5500.1	5329.6	5077.1	4837.3	4722.0	4593.9	4412.1	4255.1	*4110.8*	3295.1
37.5°	5814.9	5811.4	5582.9	5328.2	5092.7	5001.4	4934.2	4642.0	4502.7	*4363.3*	3518.7
40°	6008.1	6022.9	5827.7	5546.8	5318.3	5251.8	5247.6	4927.1	4788.5	*4653.4*	3763.4
42.5°	6064.6	6090.8	5949.3	5718.7	5511.5	5439.3	5550.4	5235.6	5121.0	*4989.4*	4040.0
45°	5962.8	5988.2	5923.9	5764.0	5643.0	5596.3	5810.7	5555.3	5476.1	*5345.9*	4352.0
47.5°	5665.7	5697.5	5713.1	5679.1	5677.7	5725.1	6044.1	5892.0	5897.7	*5764.7*	4713.5
50°	5090.5	5144.3	5287.2	5407.5	5593.5	5827.0	6271.2	6257.1	6373.1	*6258.5*	5184.6
52.5°	4045.0	4121.4	4613.7	4942.7	5360.8	5807.9	6520.9	6842.8	7207.1	*7039.5*	5848.9
55°	3250.6	3250.6	3651.0	4266.4	4906.6	5681.9	6629.9	7223.4	7775.2	*7735.6*	6316.5
57.5°	2650.0	2681.8	2937.2	3481.2	4249.4	5382.0	6697.1	7462.5	8232.9	*8203.9*	6773.5
60°	1635.5	1704.2	2186.6	2723.5	3501.7	4847.9	6654.6	7704.4	8788.2	*8811.5*	7323.8
62.5°	921.1	946.5	1161.6	1959.5	2722.8	4129.9	6329.9	7839.5	9498.4	*9597.5*	7891.2
65°	636.0	648.7	731.5	1219.6	1887.4	3288.1	5695.4	7755.4	10210.1	*10410.3*	8372.2
67.5°	*461.9*	*468.3*	*519.9*	*744.9*	*1119.8*	*2384.0*	*4700.8*	*7330.9*	*10587.1*	*10921.7*	*8464.2*
70°	355.1	359.4	396.9	489.5	661.4	1471.4	3414.0	6487.0	10314.1	*10713.8*	7993.1
72.5°	288.6	292.9	321.9	362.2	438.6	870.1	2069.2	5268.1	9108.6	*9540.2*	6804.6
75°	243.3	249.0	275.2	301.4	343.8	558.9	970.6	3668.6	6849.9	*7132.8*	4731.9
77.5°	135.1	124.5	223.5	249.7	290.0	353.7	454.2	2159.0	3836.3	*3914.8*	2099.6
80°	84.2	87.0	177.6	200.9	222.8	178.3	208.0	831.2	1329.9	*1263.4*	406.8
82.5°	5.0	11.3	136.5	145.0	152.8	76.4	78.5	282.3	320.5	*294.3*	72.2
85°	0.0	0.0	62.3	50.2	53.1	21.9	22.6	65.8	43.2	*46.7*	14.1
87.5°	0.0	0.0	0.0	1.4	0.0	2.1	4.2	5.7	2.1	*2.8*	5.0
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: P1200347
CATALOG NUMBER: GPC-SB2C-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7
2.5°	1331.4	1281.8	1181.4	1083.0	1003.1	928.8	875.8	825.6	800.1	798.7	797.3
5°	1371.7	1267.7	1066.8	889.2	746.3	631.7	557.4	504.4	477.5	468.3	466.9
7.5°	1428.3	1271.9	966.3	719.4	551.1	452.7	410.3	393.3	387.7	381.3	379.9
10°	1499.7	1281.8	876.5	579.4	434.4	384.8	367.9	360.8	356.5	352.3	350.9
12.5°	1579.7	1291.0	787.4	481.0	382.0	356.5	344.5	336.0	330.4	325.4	324.0
15°	1657.5	1296.7	694.7	412.4	355.1	334.6	321.9	312.7	304.9	299.2	298.5
17.5°	1734.6	1304.5	607.7	371.4	333.2	312.7	299.9	288.6	282.3	275.9	275.2
20°	1820.2	1303.1	525.6	342.4	311.3	290.7	277.3	266.7	260.3	253.3	252.5
22.5°	1899.4	1296.0	453.5	317.6	288.6	268.8	254.0	243.3	237.0	231.3	230.6
25°	1990.7	1290.3	393.3	295.0	267.4	247.6	231.3	221.4	214.3	209.4	208.7
27.5°	2078.4	1281.8	349.5	274.5	246.9	227.8	212.2	200.9	194.5	191.0	191.0
30°	2164.7	1279.7	333.2	254.7	228.5	209.4	193.8	183.2	178.3	176.9	176.1
32.5°	2268.7	1285.4	340.3	247.6	211.5	192.4	177.6	169.8	164.8	164.8	164.8
35°	2379.7	1284.0	350.9	254.0	200.2	175.4	164.1	159.2	154.2	154.2	154.2
37.5°	2519.1	1286.1	359.4	264.6	196.0	161.3	154.9	148.6	145.7	145.7	145.7
40°	2727.1	1356.1	355.1	273.8	194.5	151.4	138.7	136.5	134.4	134.4	134.4
42.5°	2981.7	1508.2	360.8	274.5	193.8	144.3	127.3	131.6	126.6	125.9	125.2
45°	3260.5	1674.4	396.9	259.6	193.1	140.8	121.7	126.6	118.8	118.8	118.8
47.5°	3537.1	1839.3	433.6	238.4	191.0	140.1	116.7	113.9	111.8	112.5	112.5
50°	3918.4	1973.7	447.8	209.4	186.0	138.7	107.5	108.2	106.8	108.2	108.2
52.5°	4333.6	2002.0	430.8	176.9	171.9	134.4	101.2	104.0	103.3	104.7	104.7
55°	4592.5	1971.6	355.8	147.1	150.0	117.4	94.8	100.5	100.5	100.5	100.5
57.5°	4859.9	1842.1	252.5	119.6	124.5	96.2	89.1	96.9	96.2	95.5	95.5
60°	5052.3	1632.7	166.2	98.3	99.0	79.2	82.8	91.3	90.5	87.0	87.0
62.5°	5195.9	1401.4	106.8	83.5	75.7	71.4	75.7	82.8	79.9	72.2	70.7
65°	5179.7	1080.9	82.1	71.4	62.3	62.3	65.8	72.2	63.7	50.9	49.5
67.5°	*4877.6*	*731.5*	*67.9*	*60.1*	*52.3*	*51.6*	*54.5*	*60.1*	*54.5*	*43.2*	*41.7*
70°	4337.9	478.2	54.5	46.7	41.7	38.2	43.9	51.6	46.0	34.7	33.2
72.5°	3520.8	291.5	41.0	34.0	30.4	24.8	34.7	42.4	36.8	25.5	24.1
75°	2277.9	148.6	28.3	21.9	16.3	14.9	25.5	31.8	25.5	15.6	13.4
77.5°	871.5	62.3	15.6	9.9	8.5	7.1	14.1	19.1	10.6	3.5	2.8
80°	167.7	26.2	7.8	5.0	4.2	2.8	2.1	1.4	0.0	0.0	0.0
82.5°	29.0	8.5	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	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

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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

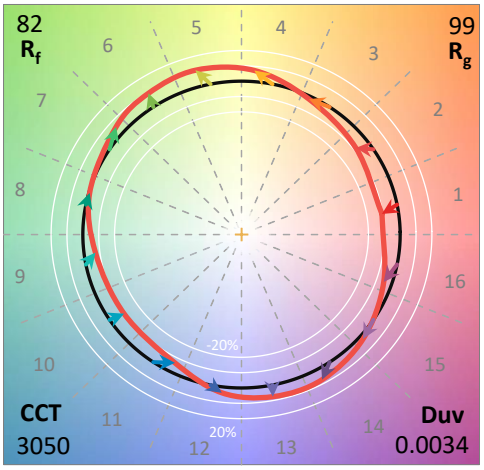
Test Information

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

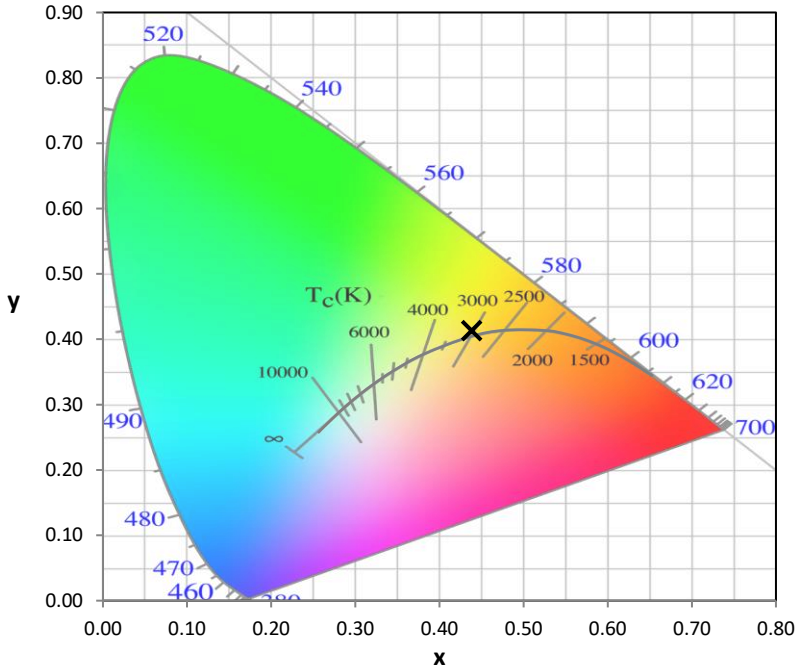
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

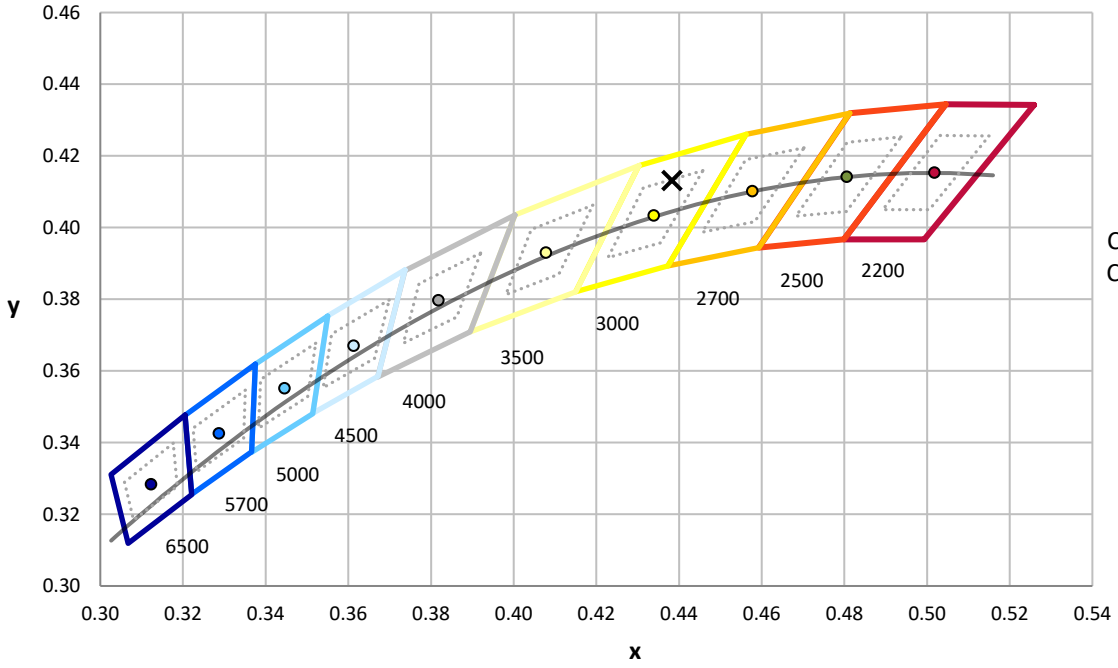
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

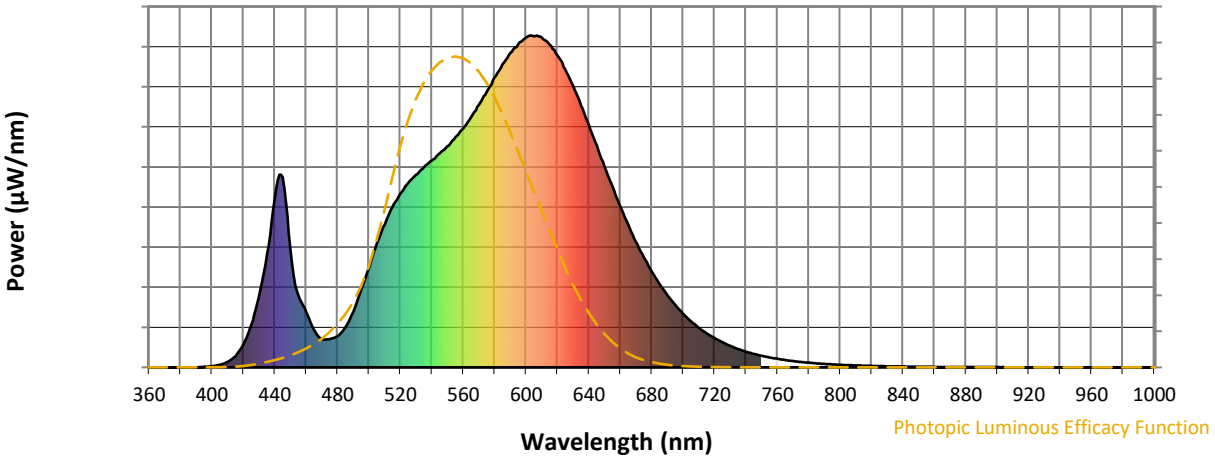


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

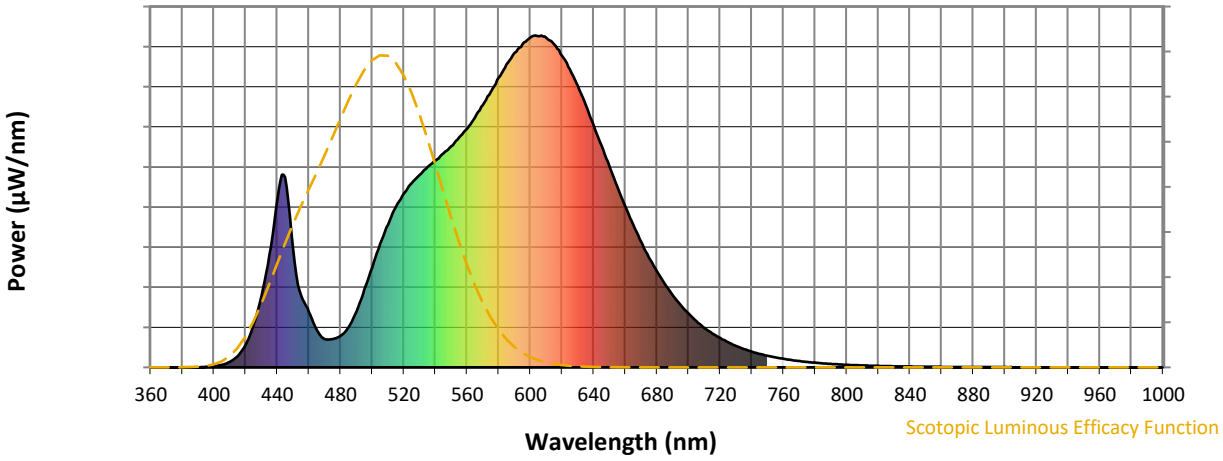


Photopic Lumens: NR

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

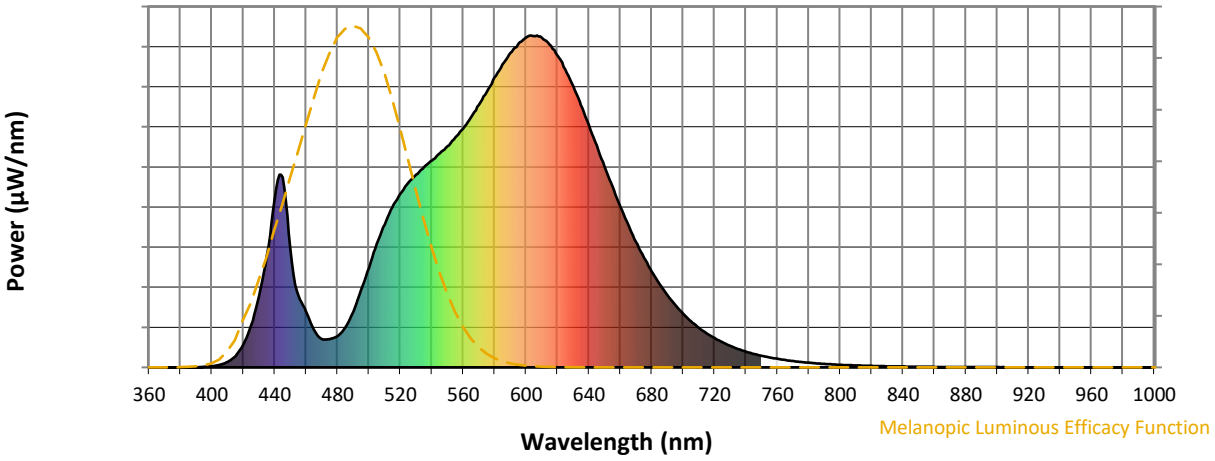


Scotopic Lumens: NR **S/P: 1.27**

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			

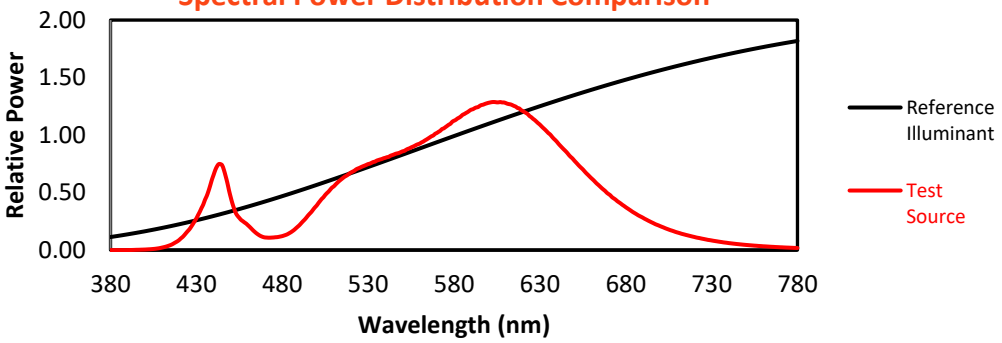
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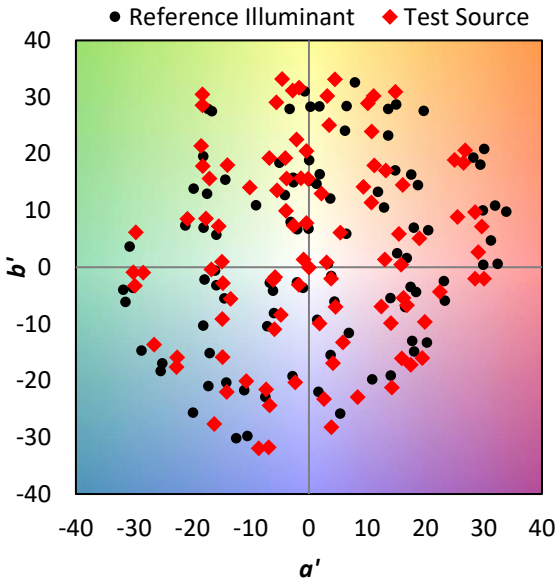
Summary

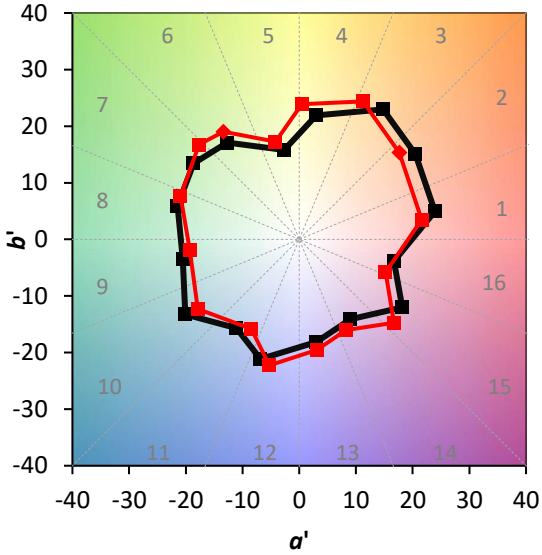
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

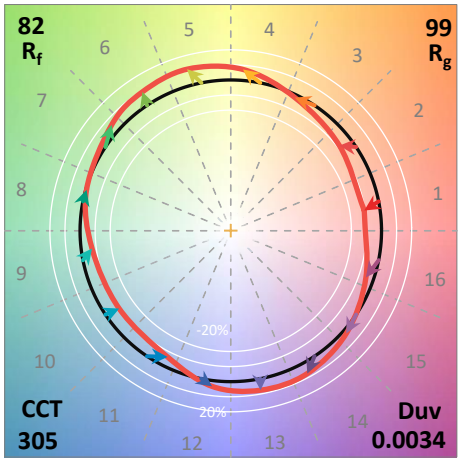
Spectral Power Distribution Comparison

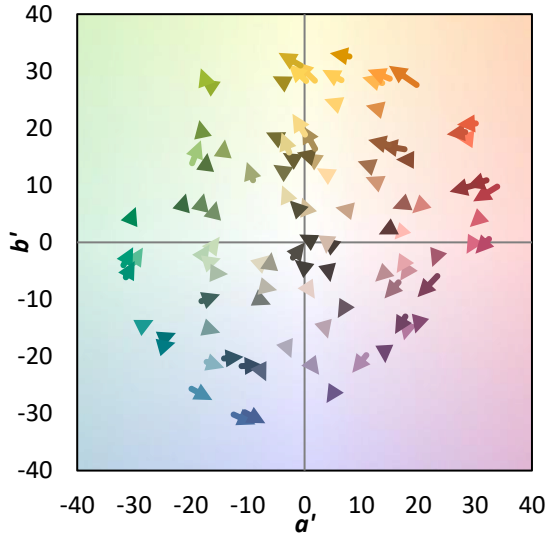


Color Vector Graphics







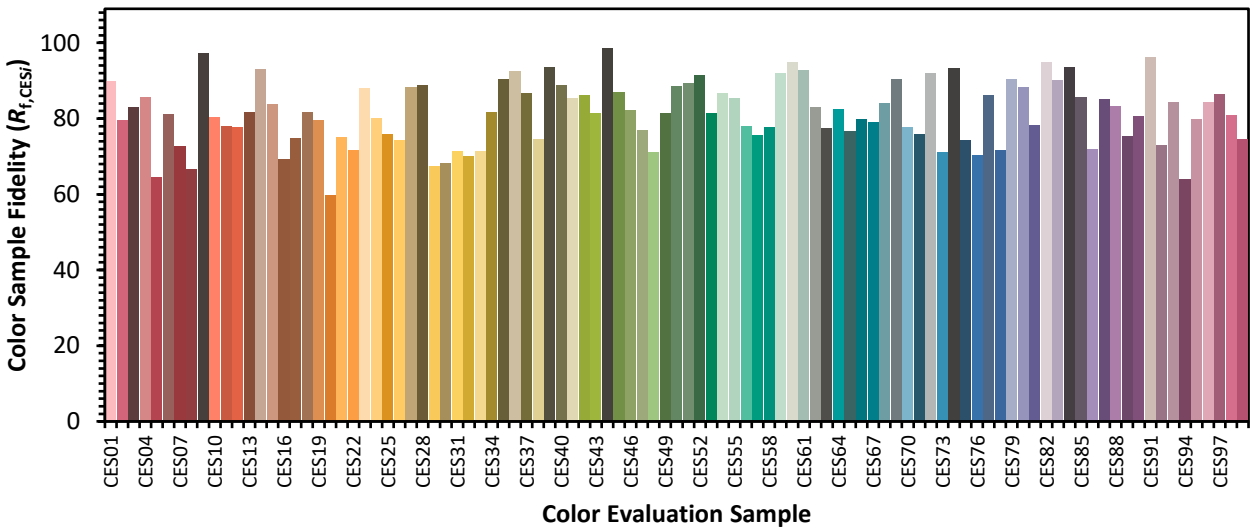


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Individual Sample Fidelity Index ($R_{f,i}$)

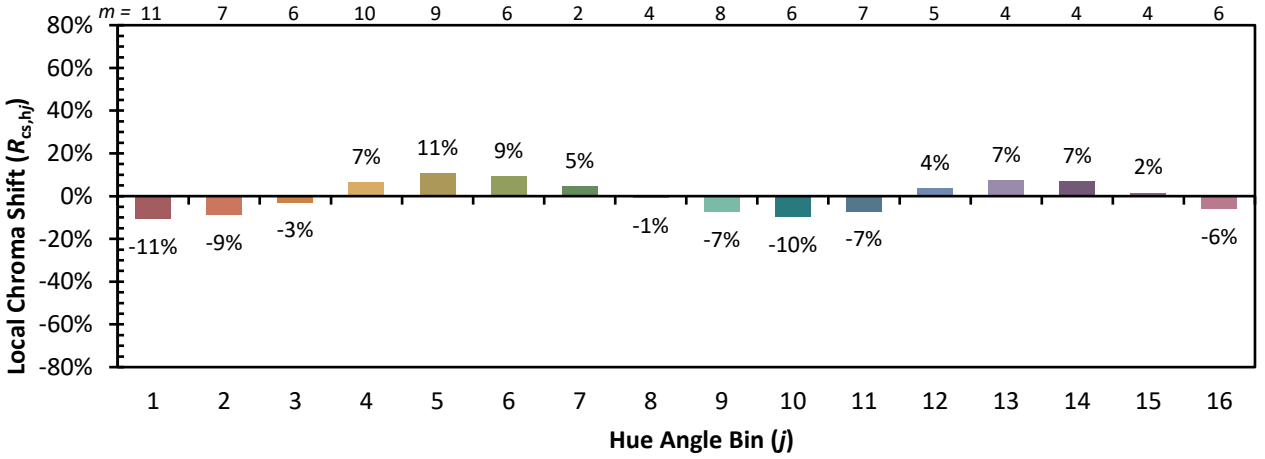
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

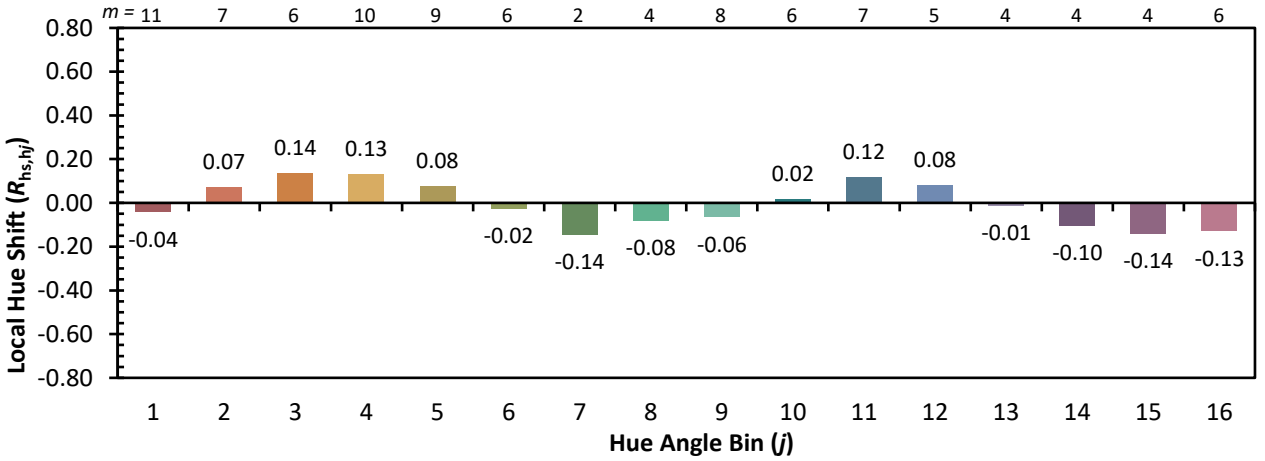


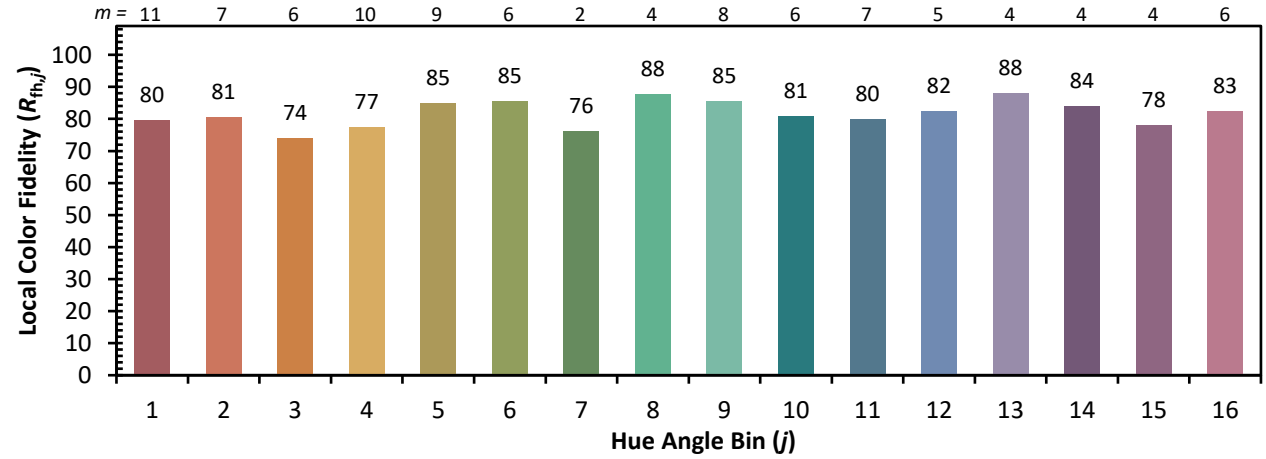
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Color Rendition by Hue-Angle Bin



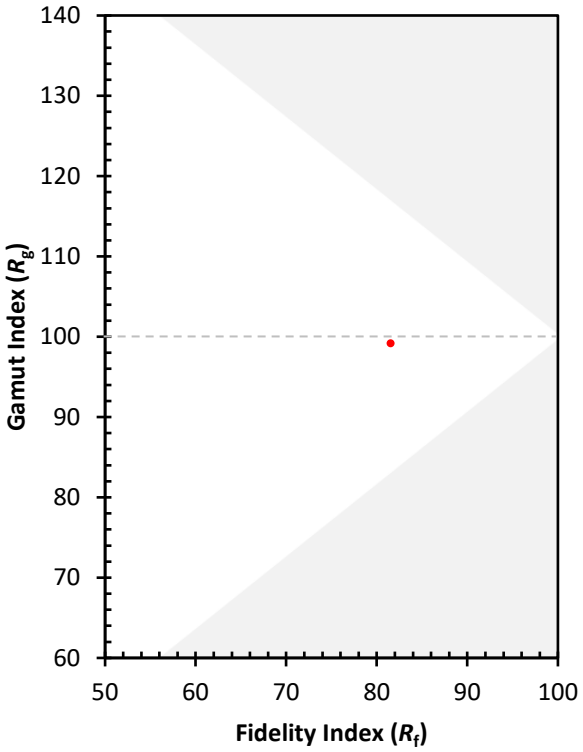


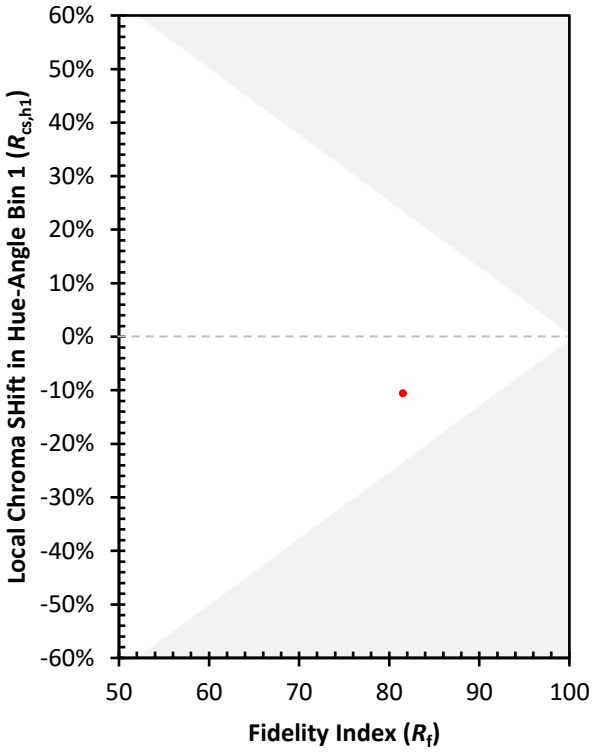


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Measure Comparisons





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