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: P1198919

Luminaire Tested: GPC-SB1D-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:	P1198919
	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-SB1D-830-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 900mA 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:	7783 lumens
Efficiency:	N/A
Efficacy:	97.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

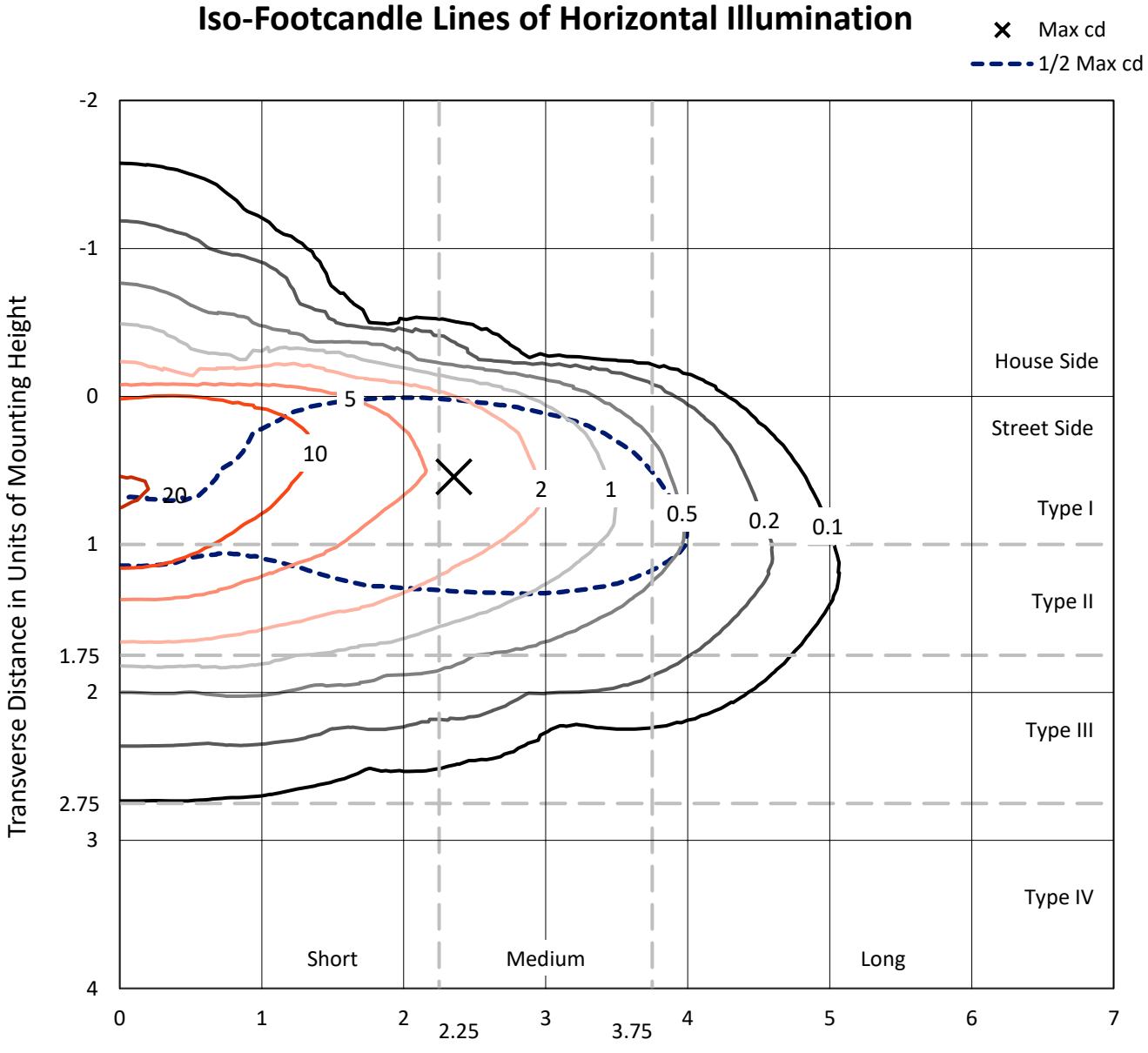


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REPORT NUMBER: P1198919
CATALOG NUMBER: GPC-SB1D-830-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination



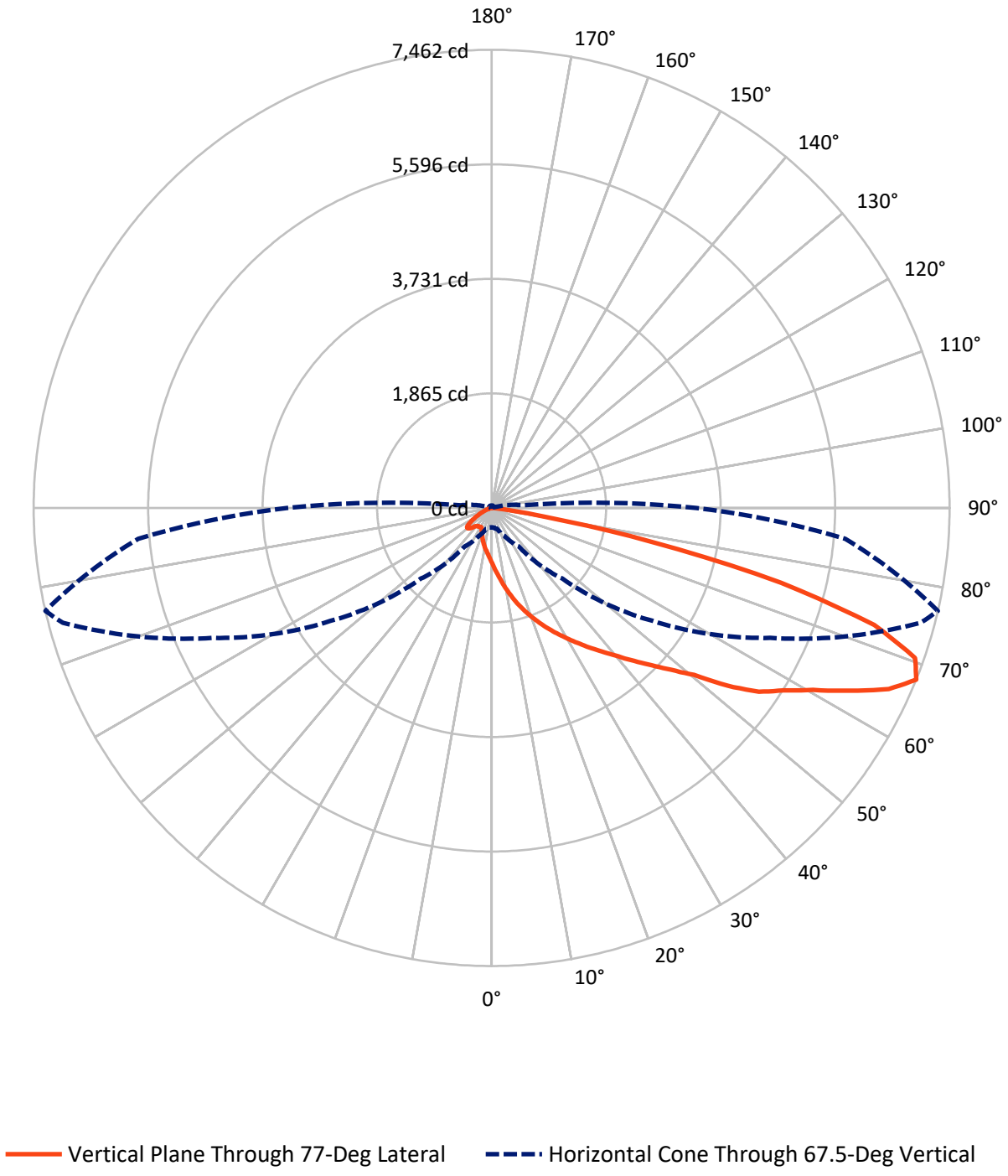
Based on 10 foot mounting height. Maximum calculated value = 21 fc
Type II - Medium - N/A

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REPORT NUMBER: P1198919
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Luminous Intensity Polar Plot



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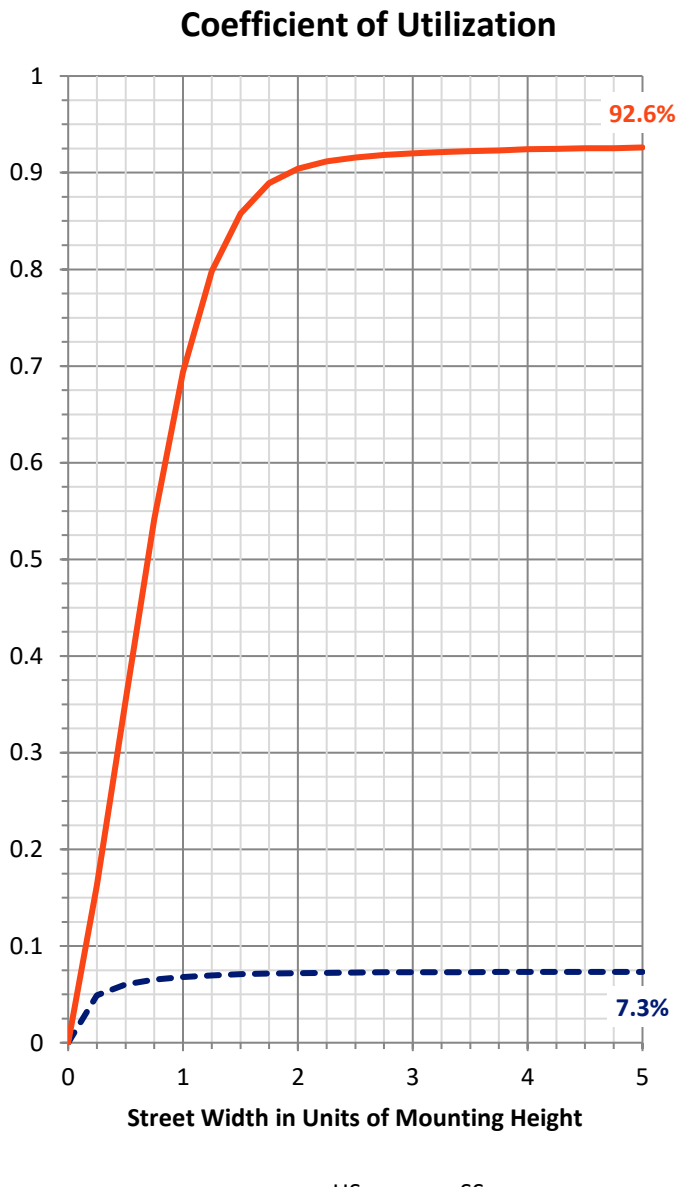
REPORT NUMBER: P1198919
CATALOG NUMBER: GPC-SB1D-830-U-T2R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	572.6	0.0	572.6
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	7210.4	0.0	7210.4
	% Fixture	92.6	0.0	92.6
Total	Lumens	7783.0	0.0	7783.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.6	1.2
10°-20°	320.8	4.1
20°-30°	619.0	8.0
30°-40°	1074.7	13.8
40°-50°	1560.4	20.0
50°-60°	1791.9	23.0
60°-70°	1555.7	20.0
70°-80°	732.7	9.4
80°-90°	36.2	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°	7783.0	100.0
0°-180°	7783.0	100.0



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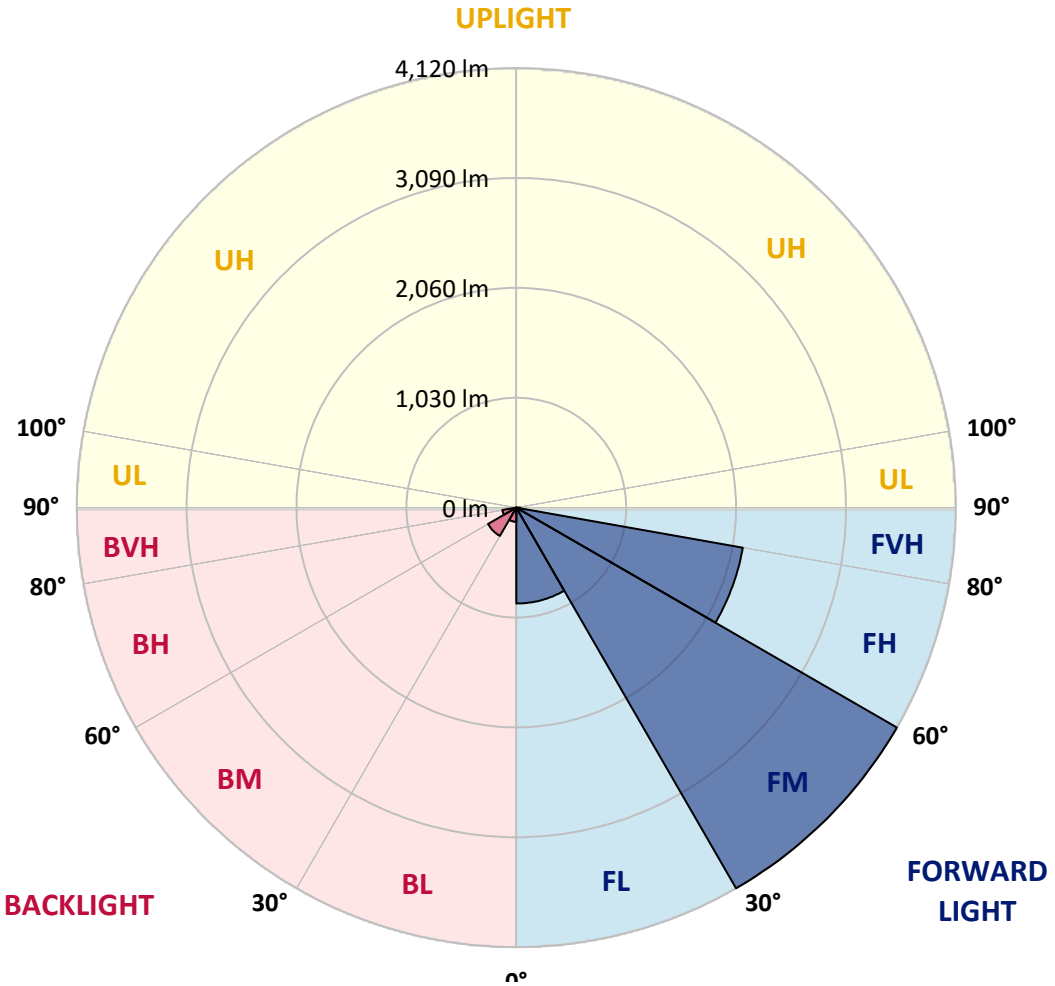
Scaled Data Report

REPORT NUMBER: P1198919
CATALOG NUMBER: GPC-SB1D-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°)	898.9	11.5			
FM	(30°-60°)	4120.1	52.9			
FH	(60°-80°)	2155.9	27.7			G2/5000
FVH	(80°-90°)	35.6	0.5			G1/100
BL	(0°-30°)	132.6	1.7	B1/500		
BM	(30°-60°)	306.8	3.9	B1/1000		
BH	(60°-80°)	132.6	1.7	B1/500		G1/500
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 II Medium



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REPORT NUMBER: P1198919
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	*897.5*	897.5
2.5°	1242.6	1250.3	1239.2	1217.9	1186.0	1165.2	1114.5	1066.7	1013.5	*996.6*	943.4
5°	1514.7	1521.4	1508.9	1485.7	1443.1	1402.5	1335.9	1235.8	1131.9	*1098.5*	1004.3
7.5°	1716.2	1720.1	1715.2	1694.0	1653.4	1607.5	1533.0	1414.6	1260.5	*1223.7*	1079.2
10°	1861.2	1873.8	1872.3	1864.1	1837.0	1799.8	1720.6	1585.7	1404.5	*1357.1*	1163.8
12.5°	1957.4	1971.4	1979.6	1998.0	1996.5	1972.8	1903.2	1760.7	1548.0	*1492.4*	1259.0
15°	1985.4	2000.4	2031.8	2074.3	2112.0	2124.1	2075.3	1932.2	1706.1	*1635.0*	1356.6
17.5°	1969.5	1992.7	2030.4	2097.5	2180.2	2234.8	2229.5	2098.0	1849.6	*1768.4*	1452.3
20°	2004.7	2027.0	2056.5	2113.0	2209.2	2308.3	2347.9	2256.5	1992.2	*1907.1*	1552.9
22.5°	2200.0	2196.1	2199.0	2208.2	2265.7	2363.8	2445.5	2400.6	2133.3	*2046.3*	1659.2
25°	2509.3	2491.9	2462.4	2412.7	2398.2	2445.5	2530.6	2528.2	2282.2	*2188.9*	1767.9
27.5°	2864.1	2861.2	2792.0	2672.2	2604.5	2586.2	2626.8	2652.4	2429.6	*2330.0*	1877.2
30°	3203.8	3211.6	3118.3	2984.9	2860.7	2788.7	2751.9	2770.3	2579.4	*2482.2*	1989.8
32.5°	3499.6	3507.8	3406.3	3250.2	3096.5	3009.5	2932.2	2886.8	2742.7	*2636.9*	2113.5
35°	3749.5	3757.7	3641.2	3468.7	3304.8	3226.0	3138.6	3014.4	2907.1	*2808.5*	2251.2
37.5°	3972.8	3970.3	3814.2	3640.2	3479.3	3417.0	3371.0	3171.4	3076.2	*2981.0*	2404.0
40°	4104.7	4114.8	3981.5	3789.6	3633.5	3588.0	3585.1	3366.2	3271.5	*3179.2*	2571.2
42.5°	4143.4	4161.2	4064.6	3907.0	3765.4	3716.1	3792.0	3576.9	3498.6	*3408.7*	2760.1
45°	4073.8	4091.2	4047.2	3938.0	3855.3	3823.4	3969.9	3795.4	3741.3	*3652.3*	2973.3
47.5°	3870.8	3892.5	3903.2	3880.0	3879.0	3911.4	4129.3	4025.4	4029.3	*3938.4*	3220.3
50°	3477.9	3514.6	3612.2	3694.4	3821.5	3981.0	4284.5	4274.8	4354.1	*4275.8*	3542.1
52.5°	2763.5	2815.7	3152.1	3376.8	3662.5	3967.9	4455.1	4675.0	4923.9	*4809.4*	3996.0
55°	2220.8	2220.8	2494.3	2914.8	3352.2	3881.9	4529.5	4935.0	5312.0	*5284.9*	4315.4
57.5°	1810.5	1832.2	2006.7	2378.3	2903.2	3677.0	4575.4	5098.4	5624.7	*5604.9*	4627.6
60°	1117.4	1164.3	1493.9	1860.7	2392.4	3312.1	4546.4	5263.7	6004.1	*6020.0*	5003.6
62.5°	629.3	646.7	793.6	1338.8	1860.2	2821.5	4324.6	5356.0	6489.3	*6557.0*	5391.2
65°	434.5	443.2	499.7	833.2	1289.5	2246.4	3891.1	5298.5	6975.5	*7112.3*	5719.9
67.5°	*315.6*	*319.9*	*355.2*	*508.9*	*765.1*	*1628.7*	*3211.6*	*5008.5*	*7233.1*	*7461.7*	*5782.7*
70°	242.6	245.5	271.1	334.4	451.9	1005.3	2332.4	4431.9	7046.6	*7319.6*	5460.8
72.5°	197.2	200.1	219.9	247.5	299.6	594.5	1413.7	3599.2	6223.0	*6517.8*	4648.9
75°	166.3	170.1	188.0	205.9	234.9	381.8	663.1	2506.4	4679.8	*4873.1*	3232.8
77.5°	92.3	85.1	152.7	170.6	198.2	241.7	310.3	1475.0	2621.0	*2674.6*	1434.4
80°	57.5	59.4	121.3	137.3	152.2	121.8	142.1	567.9	908.6	*863.2*	277.9
82.5°	3.4	7.7	93.3	99.1	104.4	52.2	53.6	192.8	218.9	*201.1*	49.3
85°	0.0	0.0	42.5	34.3	36.2	15.0	15.5	44.9	29.5	*31.9*	9.7
87.5°	0.0	0.0	0.0	1.0	0.0	1.4	2.9	3.9	1.4	*1.9*	3.4
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: P1198919
CATALOG NUMBER: GPC-SB1D-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5	897.5
2.5°	909.6	875.7	807.1	739.9	685.3	634.6	598.3	564.0	546.6	545.6	544.7
5°	937.1	866.1	728.8	607.5	509.9	431.6	380.8	344.6	326.2	319.9	319.0
7.5°	975.8	869.0	660.2	491.5	376.5	309.3	280.3	268.7	264.9	260.5	259.5
10°	1024.6	875.7	598.8	395.8	296.7	262.9	251.3	246.5	243.6	240.7	239.7
12.5°	1079.2	882.0	537.9	328.6	261.0	243.6	235.4	229.6	225.7	222.3	221.4
15°	1132.4	885.9	474.6	281.8	242.6	228.6	219.9	213.6	208.3	204.4	204.0
17.5°	1185.1	891.2	415.2	253.7	227.6	213.6	204.9	197.2	192.8	188.5	188.0
20°	1243.5	890.2	359.1	233.9	212.7	198.6	189.5	182.2	177.9	173.0	172.5
22.5°	1297.7	885.4	309.8	217.0	197.2	183.7	173.5	166.3	161.9	158.0	157.6
25°	1360.0	881.5	268.7	201.5	182.7	169.2	158.0	151.3	146.4	143.1	142.6
27.5°	1419.9	875.7	238.8	187.5	168.7	155.6	145.0	137.3	132.9	130.5	130.5
30°	1478.9	874.3	227.6	174.0	156.1	143.1	132.4	125.2	121.8	120.8	120.3
32.5°	1550.0	878.2	232.5	169.2	144.5	131.5	121.3	116.0	112.6	112.6	112.6
35°	1625.8	877.2	239.7	173.5	136.8	119.9	112.1	108.7	105.4	105.4	105.4
37.5°	1721.0	878.6	245.5	180.8	133.9	110.2	105.8	101.5	99.6	99.6	99.6
40°	1863.1	926.5	242.6	187.0	132.9	103.4	94.7	93.3	91.8	91.8	91.8
42.5°	2037.1	1030.4	246.5	187.5	132.4	98.6	87.0	89.9	86.5	86.0	85.5
45°	2227.5	1144.0	271.1	177.4	131.9	96.2	83.1	86.5	81.2	81.2	81.2
47.5°	2416.5	1256.6	296.3	162.9	130.5	95.7	79.7	77.8	76.4	76.8	76.8
50°	2677.0	1348.4	305.9	143.1	127.1	94.7	73.5	73.9	73.0	73.9	73.9
52.5°	2960.7	1367.7	294.3	120.8	117.4	91.8	69.1	71.0	70.6	71.5	71.5
55°	3137.6	1347.0	243.1	100.5	102.5	80.2	64.8	68.6	68.6	68.6	68.6
57.5°	3320.3	1258.5	172.5	81.7	85.1	65.7	60.9	66.2	65.7	65.2	65.2
60°	3451.8	1115.5	113.6	67.2	67.7	54.1	56.5	62.3	61.9	59.4	59.4
62.5°	3549.9	957.4	73.0	57.0	51.7	48.8	51.7	56.5	54.6	49.3	48.3
65°	3538.7	738.5	56.1	48.8	42.5	42.5	44.9	49.3	43.5	34.8	33.8
67.5°	*3332.4*	*499.7*	*46.4*	*41.1*	*35.8*	*35.3*	*37.2*	*41.1*	*37.2*	*29.5*	*28.5*
70°	2963.6	326.7	37.2	31.9	28.5	26.1	30.0	35.3	31.4	23.7	22.7
72.5°	2405.4	199.1	28.0	23.2	20.8	16.9	23.7	29.0	25.1	17.4	16.4
75°	1556.2	101.5	19.3	15.0	11.1	10.1	17.4	21.7	17.4	10.6	9.2
77.5°	595.4	42.5	10.6	6.8	5.8	4.8	9.7	13.0	7.2	2.4	1.9
80°	114.5	17.9	5.3	3.4	2.9	1.9	1.4	1.0	0.0	0.0	0.0
82.5°	19.8	5.8	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	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

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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

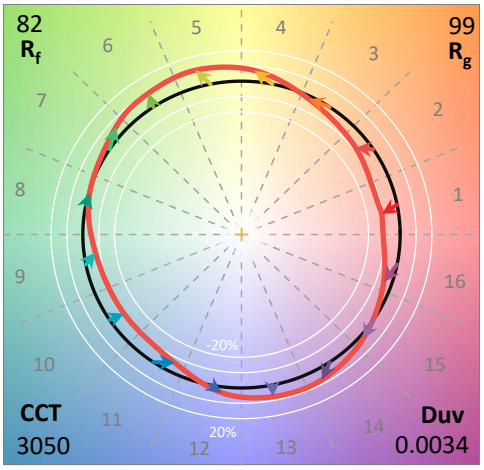
Test Information

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

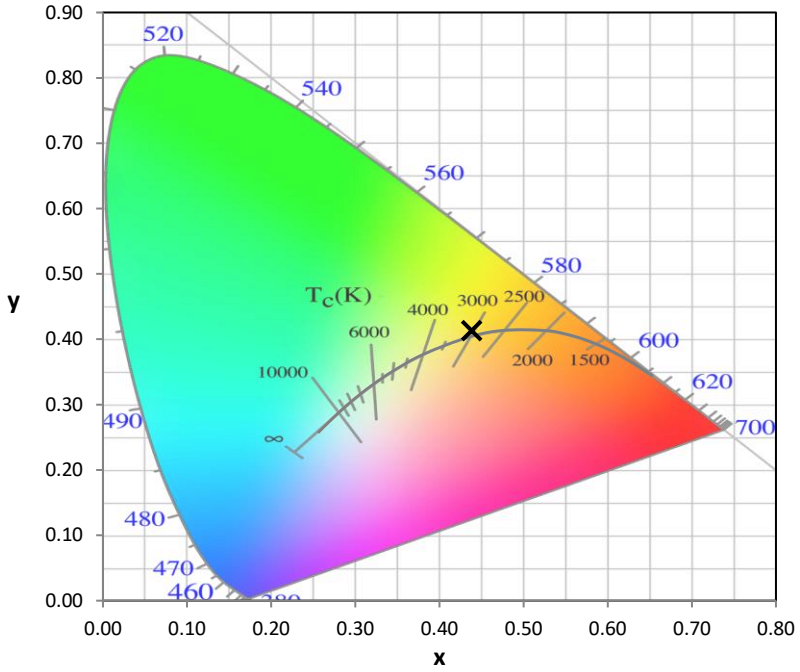
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

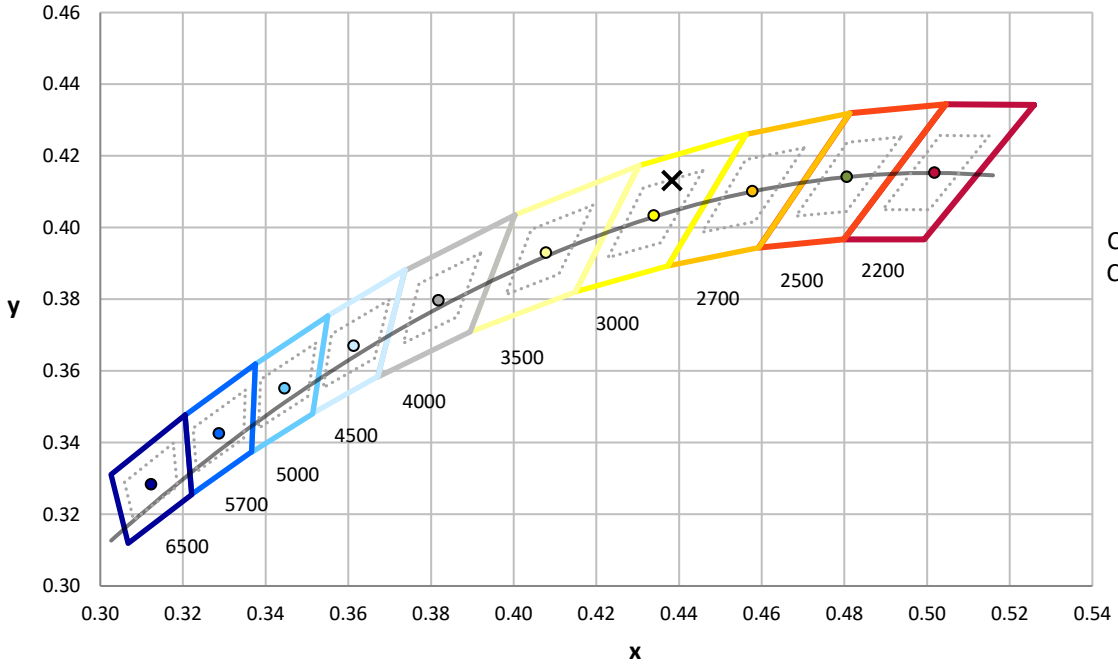
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

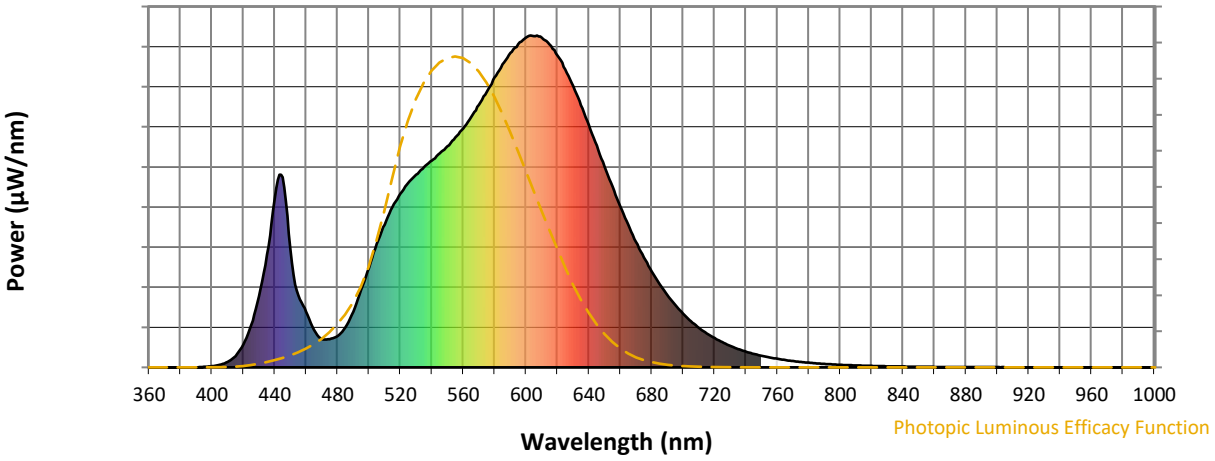


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

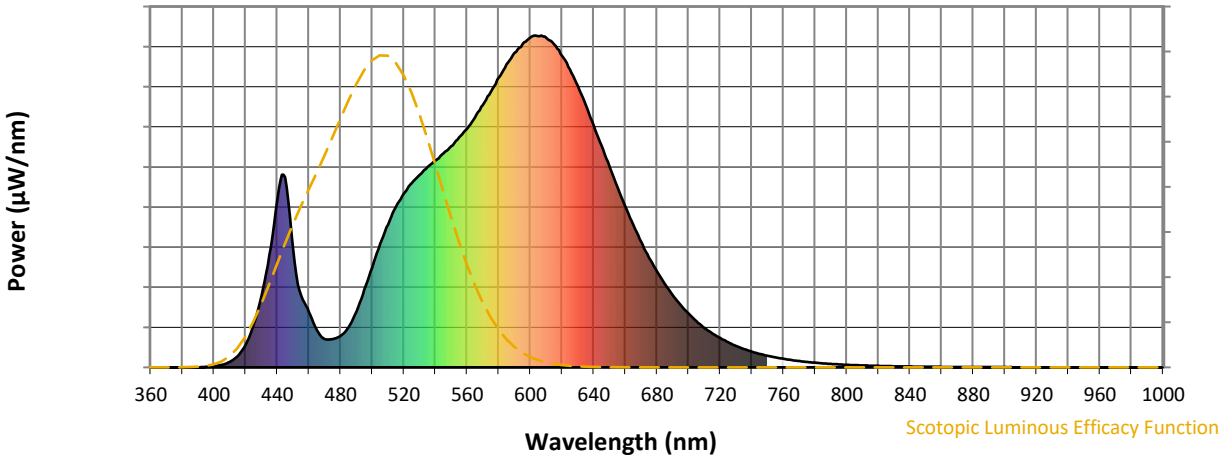


Photopic Lumens: NR

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

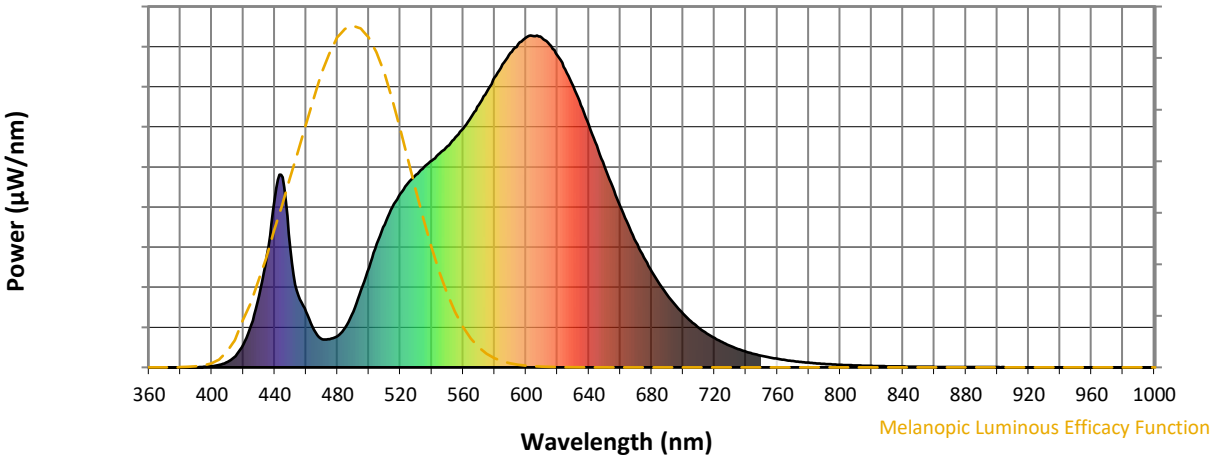


Scotopic Lumens: NR **S/P: 1.27**

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			

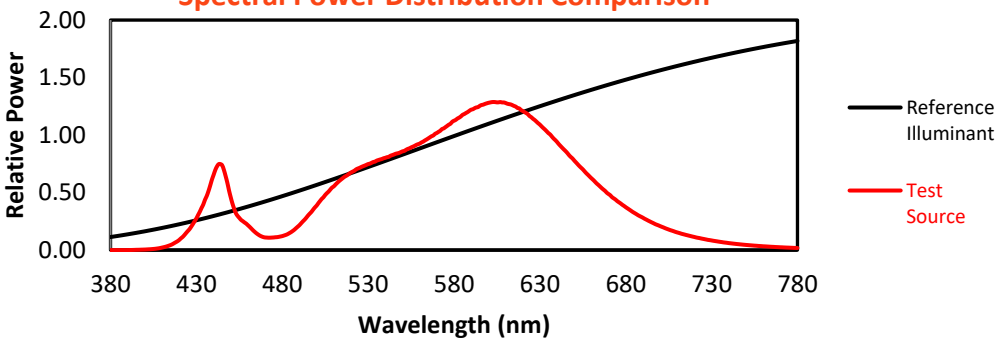
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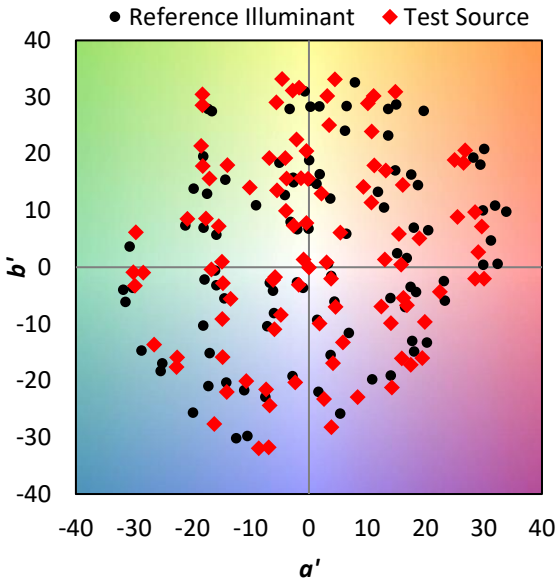
Summary

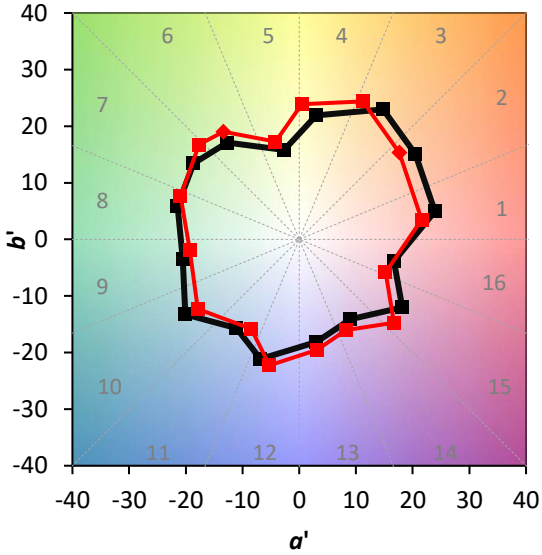
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

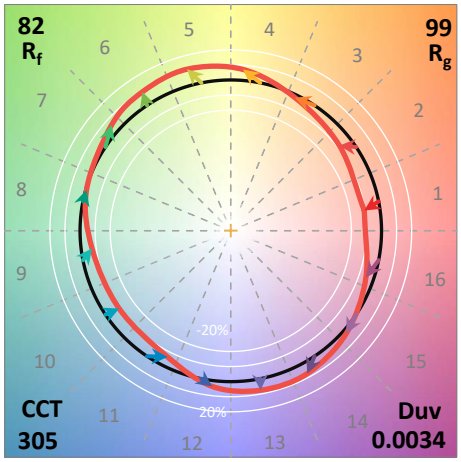
Spectral Power Distribution Comparison

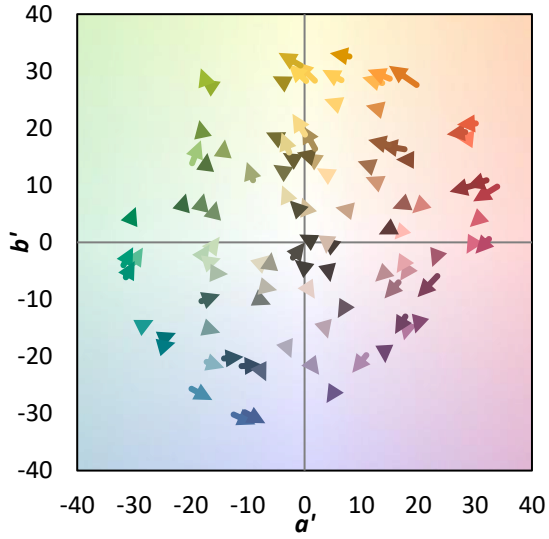


Color Vector Graphics







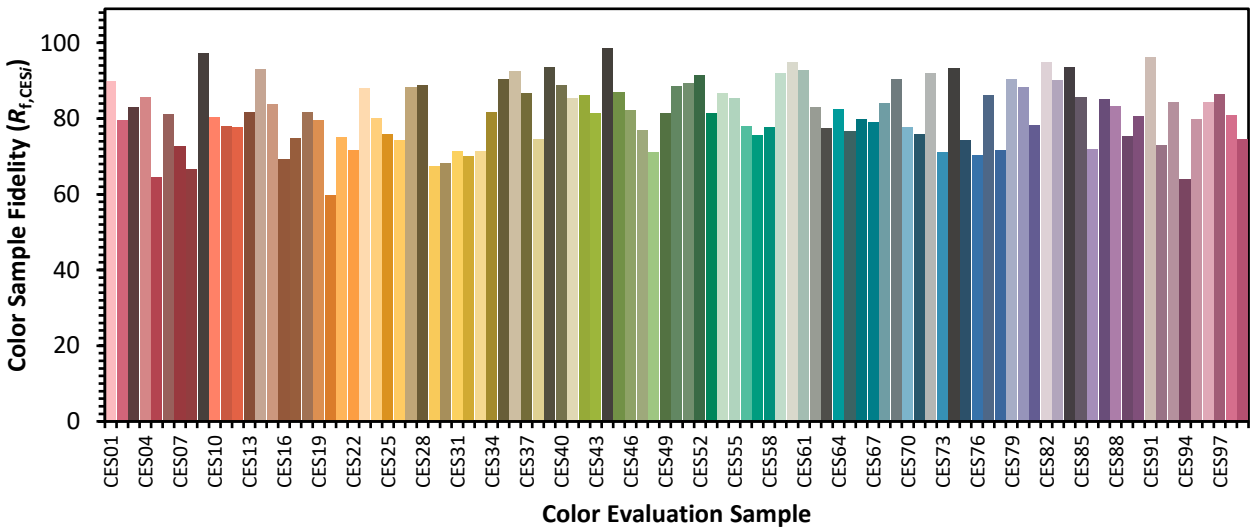


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Individual Sample Fidelity Index ($R_{f,i}$)

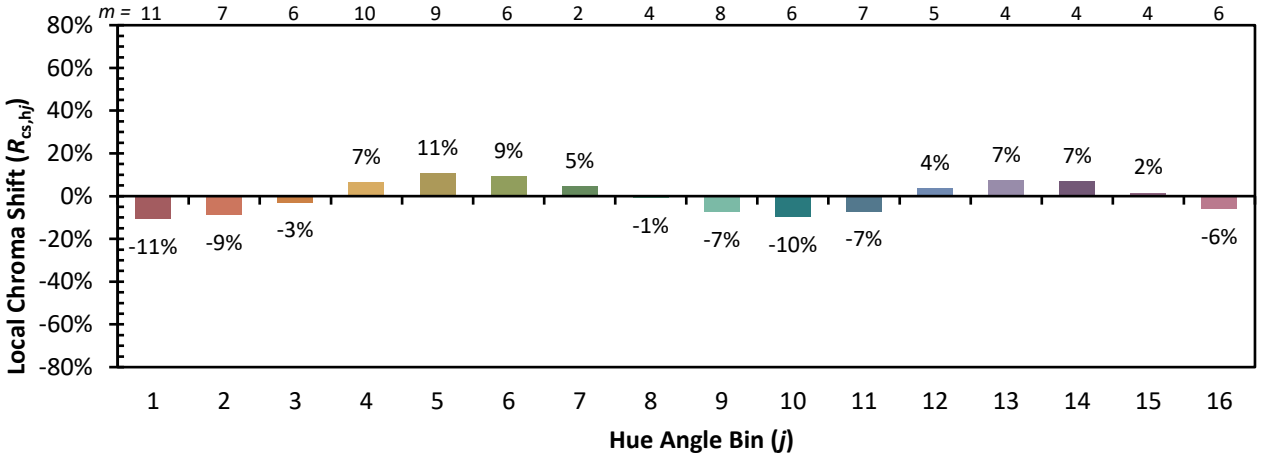
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

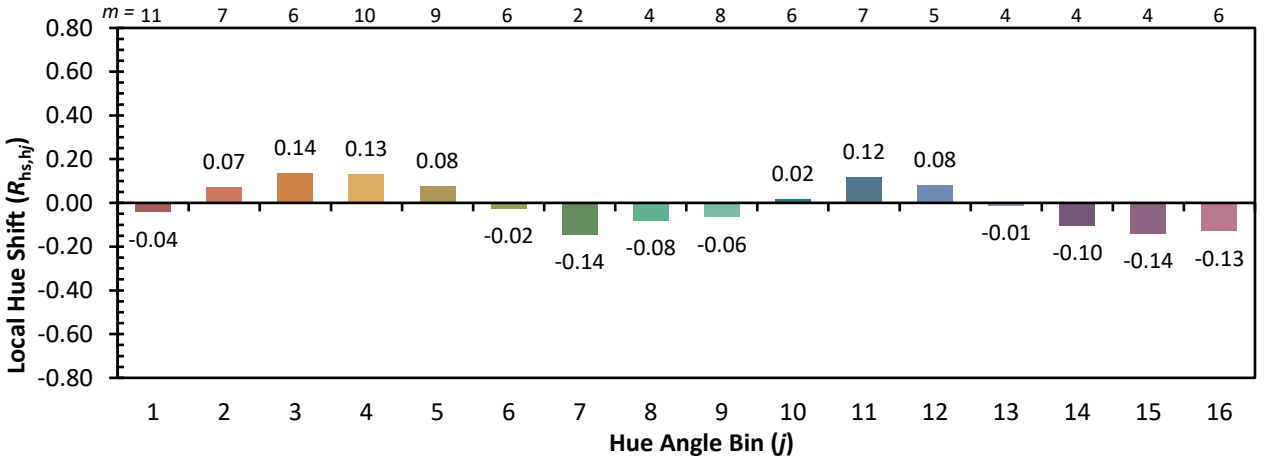


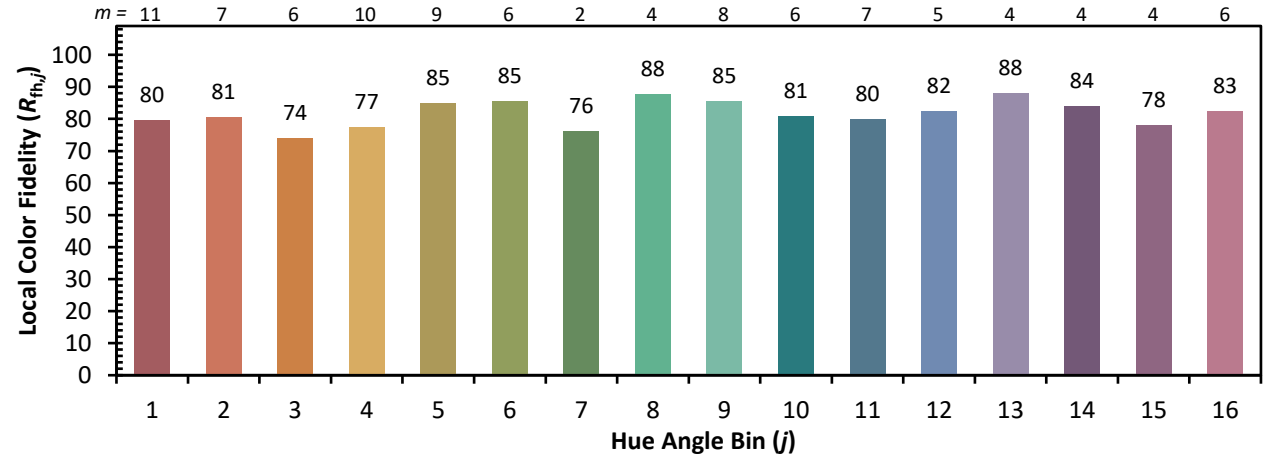
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Color Rendition by Hue-Angle Bin



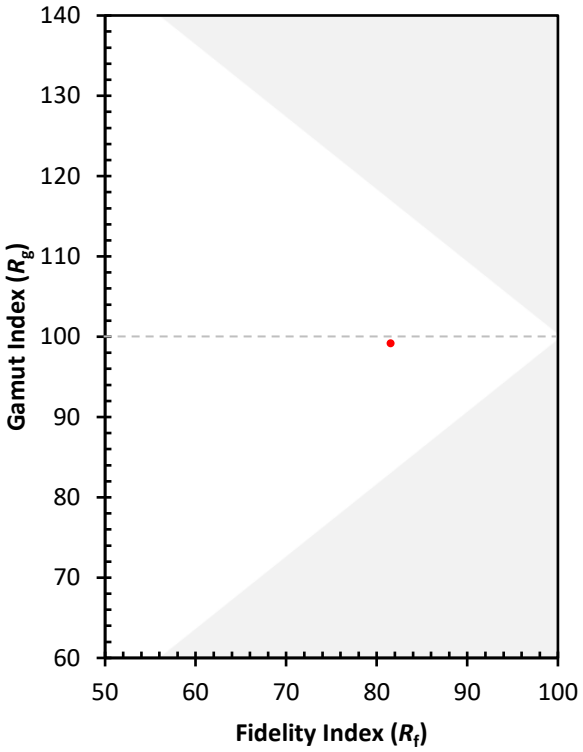


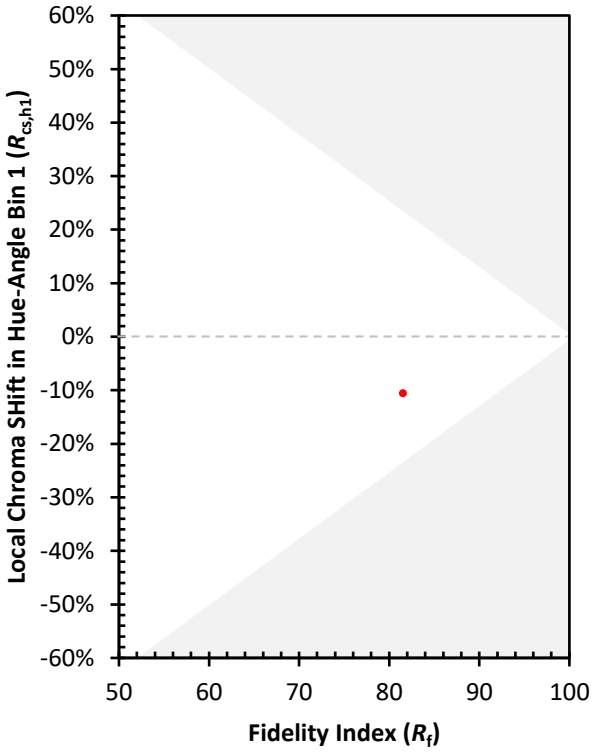


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Measure Comparisons





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