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: P1200823

Luminaire Tested: GPC-SB2D-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:	P1200823
	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-SB2D-830-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 900mA 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:	15479 lumens
Efficiency:	N/A
Efficacy:	104.9 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):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

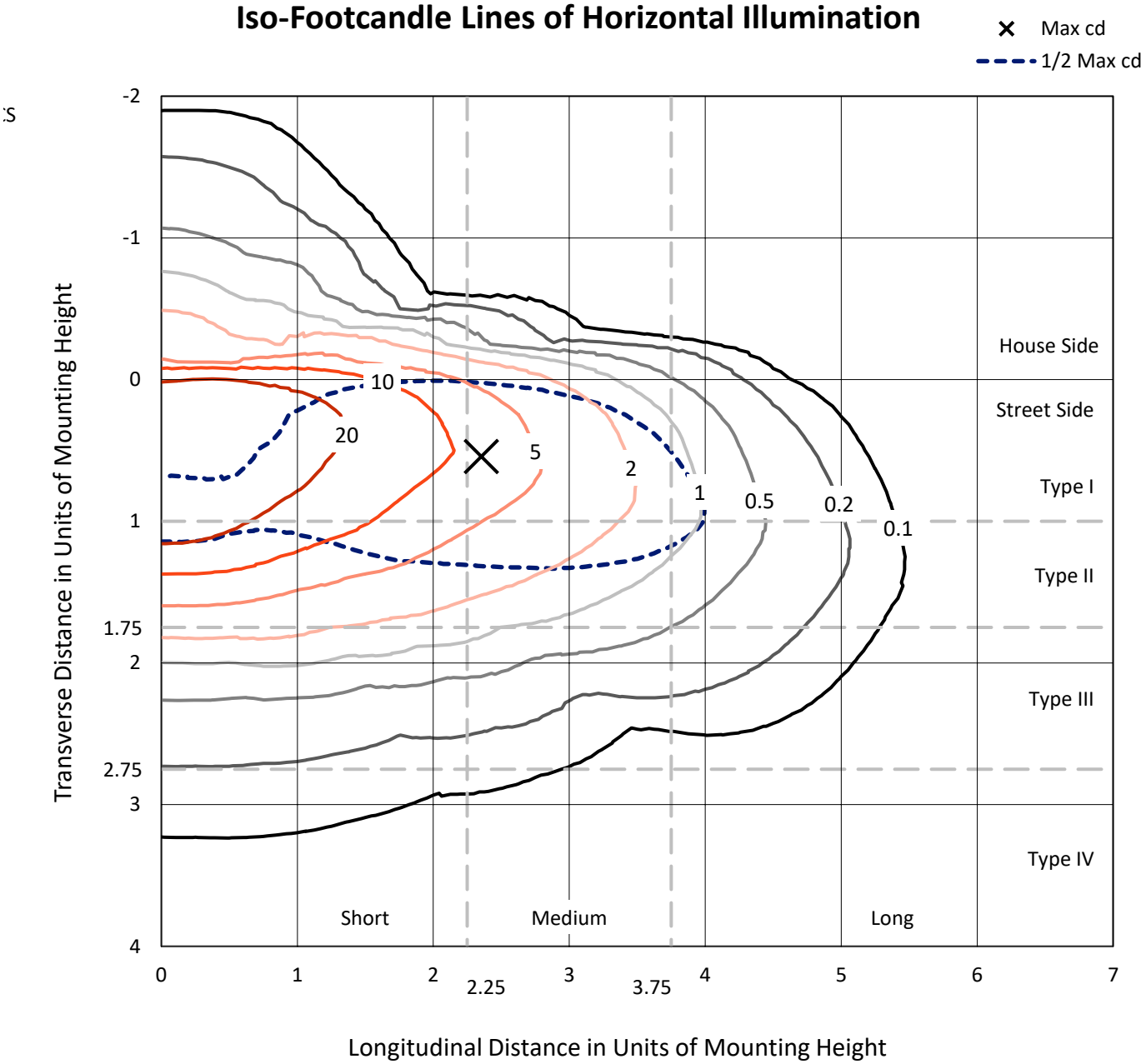


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REPORT NUMBER: P1200823
CATALOG NUMBER: GPC-SB2D-830-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination



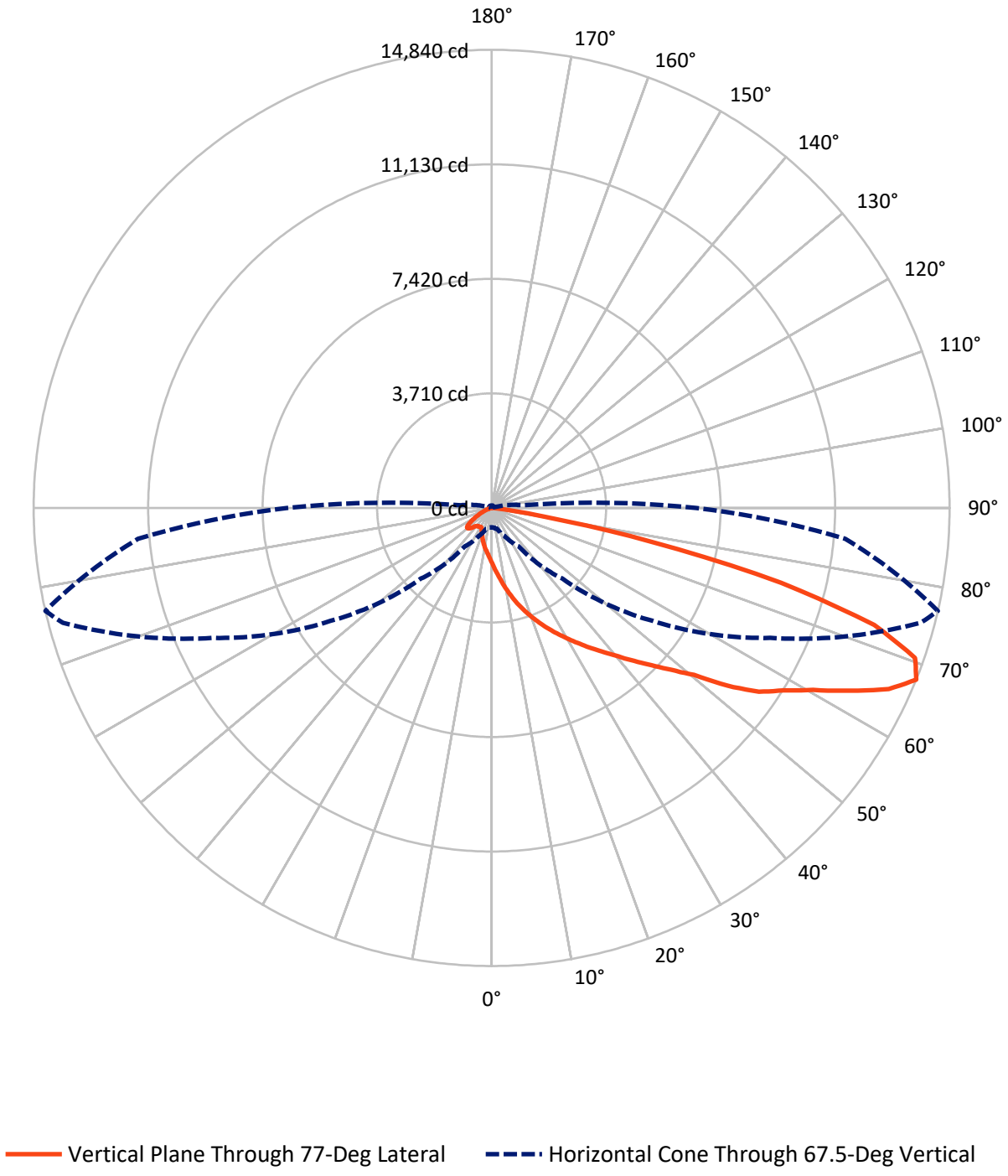
Based on 10 foot mounting height. Maximum calculated value = 41.7 fc
Type II - Medium - N/A

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REPORT NUMBER: P1200823
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Luminous Intensity Polar Plot



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Scaled Data Report

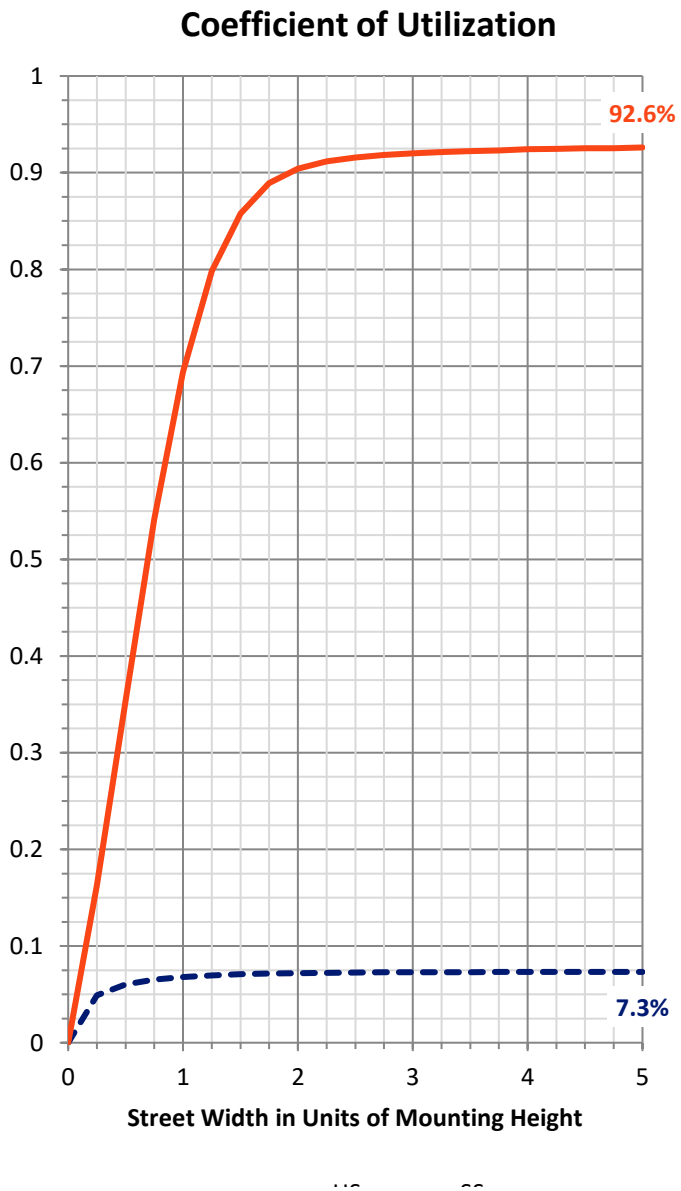
REPORT NUMBER: P1200823
CATALOG NUMBER: GPC-SB2D-830-U-T2R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1138.8	0.0	1138.8
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	14340.2	0.0	14340.2
	% Fixture	92.6	0.0	92.6
Total	Lumens	15479.0	0.0	15479.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.2	1.2
10°-20°	638.0	4.1
20°-30°	1231.1	8.0
30°-40°	2137.3	13.8
40°-50°	3103.3	20.0
50°-60°	3563.7	23.0
60°-70°	3094.0	20.0
70°-80°	1457.3	9.4
80°-90°	72.1	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°	15479.0	100.0
0°-180°	15479.0	100.0



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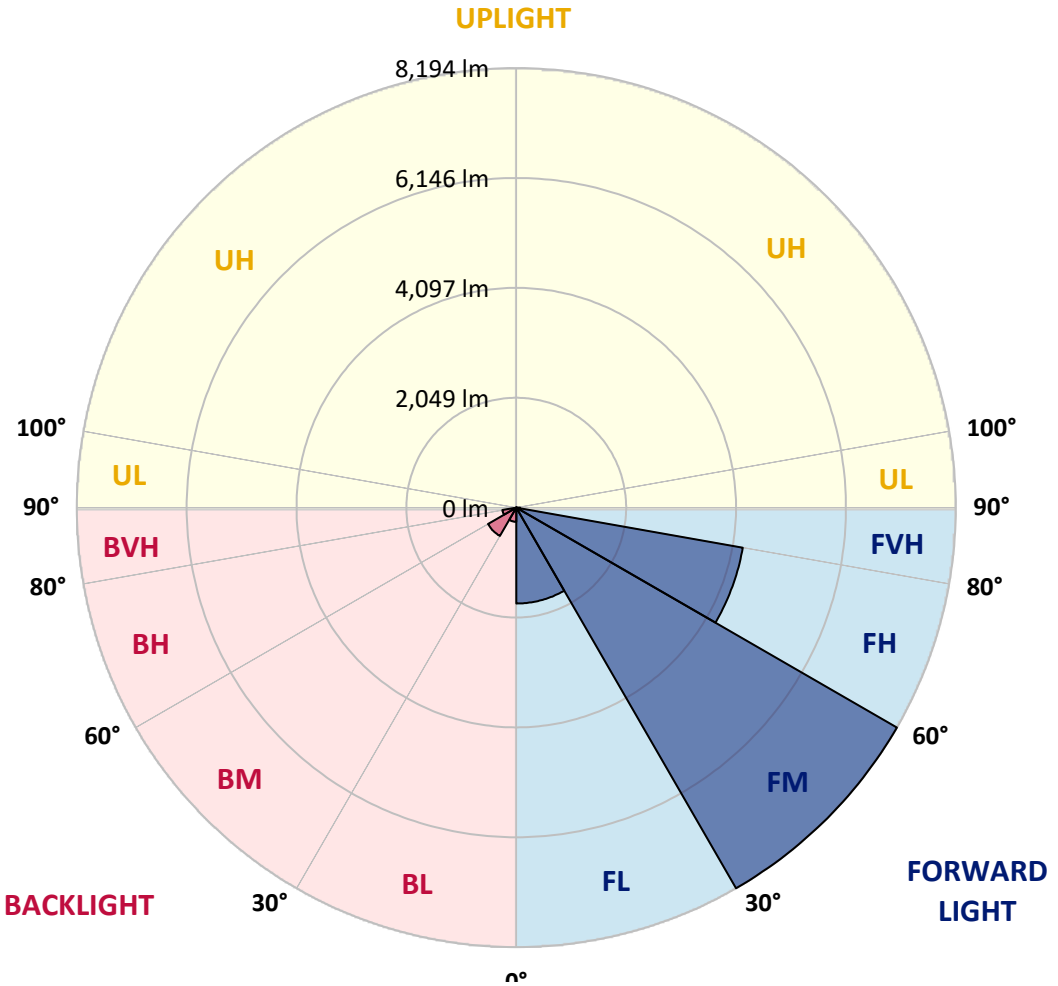
Scaled Data Report

REPORT NUMBER: P1200823
CATALOG NUMBER: GPC-SB2D-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°)	1787.7	11.5			
FM	(30°-60°)	8194.2	52.9			
FH	(60°-80°)	4287.6	27.7			G2/5000
FVH	(80°-90°)	70.7	0.5			G1/100
BL	(0°-30°)	263.6	1.7	B1/500		
BM	(30°-60°)	610.2	3.9	B1/1000		
BH	(60°-80°)	263.6	1.7	B1/500		G1/500
BVH	(80°-90°)	1.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type II Medium



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REPORT NUMBER: P1200823
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0	*1785.0*	1785.0
2.5°	2471.3	2486.6	2464.5	2422.2	2358.8	2317.5	2216.5	2121.4	2015.6	*1982.0*	1876.3
5°	3012.4	3025.9	3000.9	2954.7	2870.2	2789.4	2656.8	2457.8	2251.1	*2184.8*	1997.4
7.5°	3413.2	3420.9	3411.3	3369.0	3288.3	3197.0	3048.9	2813.4	2506.8	*2433.8*	2146.4
10°	3701.6	3726.6	3723.7	3707.4	3653.5	3579.5	3421.9	3153.7	2793.3	*2699.1*	2314.6
12.5°	3892.9	3920.8	3937.1	3973.6	3970.7	3923.6	3785.2	3501.7	3078.7	*2968.2*	2503.9
15°	3948.6	3978.4	4040.9	4125.5	4200.5	4224.5	4127.4	3842.9	3393.1	*3251.8*	2698.1
17.5°	3916.9	3963.0	4038.0	4171.6	4336.0	4444.6	4434.0	4172.6	3678.5	*3517.0*	2888.4
20°	3987.1	4031.3	4089.9	4202.4	4393.7	4590.7	4669.5	4487.9	3962.1	*3792.9*	3088.3
22.5°	4375.4	4367.7	4373.5	4391.7	4506.1	4701.2	4863.7	4774.3	4242.8	*4069.7*	3299.8
25°	4990.6	4956.0	4897.3	4798.3	4769.5	4863.7	5032.9	5028.1	4538.8	*4353.3*	3516.1
27.5°	5696.1	5690.3	5552.9	5314.5	5179.9	5143.4	5224.1	5275.1	4832.0	*4634.0*	3733.3
30°	6371.8	6387.2	6201.7	5936.4	5689.4	5546.1	5473.1	5509.6	5129.9	*4936.7*	3957.3
32.5°	6960.1	6976.4	6774.6	6464.1	6158.4	5985.4	5831.6	5741.3	5454.8	*5244.3*	4203.3
35°	7457.0	7473.4	7241.7	6898.6	6572.7	6416.0	6242.1	5995.0	5781.6	*5585.6*	4477.3
37.5°	7901.1	7896.3	7585.8	7239.8	6919.7	6795.7	6704.4	6307.4	6118.1	*5928.7*	4781.0
40°	8163.5	8183.7	7918.4	7536.8	7226.3	7136.0	7130.2	6694.8	6506.4	*6322.8*	5113.6
42.5°	8240.4	8276.0	8083.7	7770.4	7488.7	7390.7	7541.6	7113.9	6958.2	*6779.4*	5489.4
45°	8102.0	8136.6	8049.1	7831.9	7667.5	7604.1	7895.3	7548.3	7440.7	*7263.8*	5913.3
47.5°	7698.3	7741.5	7762.7	7716.5	7714.6	7779.0	8212.5	8005.9	8013.6	*7832.9*	6404.5
50°	6916.8	6989.9	7184.0	7347.4	7600.2	7917.4	8521.1	8501.9	8659.5	*8503.8*	7044.7
52.5°	5496.2	5600.0	6269.0	6715.9	7284.0	7891.5	8860.4	9297.7	9792.7	*9564.9*	7947.2
55°	4416.7	4416.7	4960.8	5797.0	6666.9	7720.4	9008.4	9814.9	10564.6	*10510.8*	8582.6
57.5°	3600.7	3643.9	3990.9	4730.1	5774.0	7312.8	9099.7	10139.7	11186.5	*11147.1*	9203.5
60°	2222.3	2315.5	2971.1	3700.6	4758.0	6587.1	9042.0	10468.5	11941.0	*11972.8*	9951.3
62.5°	1251.5	1286.1	1578.3	2662.5	3699.7	5611.5	8600.9	10652.1	12906.1	*13040.7*	10722.2
65°	864.1	881.4	993.9	1657.1	2564.5	4467.7	7738.7	10537.7	13873.1	*14145.1*	11375.9
67.5°	*627.7*	*636.3*	*706.5*	*1012.1*	*1521.6*	*3239.3*	*6387.2*	*9961.0*	*14385.4*	*14840.0*	*11500.8*
70°	482.5	488.3	539.2	665.2	898.7	1999.3	4638.8	8814.2	14014.4	*14557.4*	10860.6
72.5°	392.2	397.9	437.3	492.1	595.9	1182.3	2811.5	7158.1	12376.5	*12962.8*	9245.8
75°	330.7	338.3	373.9	409.5	467.1	759.4	1318.8	4984.8	9307.3	*9691.8*	6429.5
77.5°	183.6	169.2	303.7	339.3	394.1	480.6	617.1	2933.6	5212.6	*5319.3*	2852.9
80°	114.4	118.2	241.3	273.0	302.8	242.2	282.6	1129.4	1807.1	*1716.7*	552.7
82.5°	6.7	15.4	185.5	197.0	207.6	103.8	106.7	383.5	435.4	*399.9*	98.0
85°	0.0	0.0	84.6	68.2	72.1	29.8	30.8	89.4	58.6	*63.4*	19.2
87.5°	0.0	0.0	0.0	1.9	0.0	2.9	5.8	7.7	2.9	*3.8*	6.7
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: P1200823
CATALOG NUMBER: GPC-SB2D-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0	1785.0
2.5°	1809.0	1741.7	1605.2	1471.6	1363.0	1262.1	1190.0	1121.7	1087.1	1085.2	1083.3
5°	1863.8	1722.5	1449.5	1208.2	1014.1	858.4	757.4	685.3	648.8	636.3	634.4
7.5°	1940.7	1728.2	1313.0	977.5	748.8	615.2	557.5	534.4	526.7	518.1	516.2
10°	2037.8	1741.7	1190.9	787.2	590.2	522.9	499.8	490.2	484.4	478.7	476.8
12.5°	2146.4	1754.2	1069.8	653.6	519.1	484.4	468.1	456.6	448.9	442.2	440.2
15°	2252.1	1761.9	943.9	560.4	482.5	454.6	437.3	424.9	414.3	406.6	405.6
17.5°	2356.9	1772.5	825.7	504.6	452.7	424.9	407.6	392.2	383.5	374.9	373.9
20°	2473.2	1770.5	714.2	465.2	422.9	395.1	376.8	362.4	353.7	344.1	343.1
22.5°	2580.8	1760.9	616.1	431.6	392.2	365.3	345.1	330.7	322.0	314.3	313.4
25°	2704.8	1753.2	534.4	400.8	363.3	336.4	314.3	300.9	291.2	284.5	283.6
27.5°	2824.0	1741.7	474.8	372.9	335.5	309.5	288.4	273.0	264.3	259.5	259.5
30°	2941.3	1738.8	452.7	346.0	310.5	284.5	263.4	249.0	242.2	240.3	239.3
32.5°	3082.6	1746.5	462.3	336.4	287.4	261.4	241.3	230.7	224.0	224.0	224.0
35°	3233.5	1744.6	476.8	345.1	272.0	238.4	223.0	216.3	209.5	209.5	209.5
37.5°	3422.8	1747.5	488.3	359.5	266.3	219.2	210.5	201.9	198.0	198.0	198.0
40°	3705.4	1842.6	482.5	372.0	264.3	205.7	188.4	185.5	182.6	182.6	182.6
42.5°	4051.5	2049.3	490.2	372.9	263.4	196.1	173.0	178.8	172.1	171.1	170.1
45°	4430.2	2275.2	539.2	352.8	262.4	191.3	165.3	172.1	161.5	161.5	161.5
47.5°	4806.0	2499.1	589.2	323.9	259.5	190.3	158.6	154.8	151.9	152.8	152.8
50°	5324.1	2681.8	608.4	284.5	252.8	188.4	146.1	147.1	145.1	147.1	147.1
52.5°	5888.3	2720.2	585.4	240.3	233.6	182.6	137.5	141.3	140.3	142.3	142.3
55°	6240.1	2678.9	483.5	199.9	203.8	159.6	128.8	136.5	136.5	136.5	136.5
57.5°	6603.5	2503.0	343.1	162.4	169.2	130.7	121.1	131.7	130.7	129.8	129.8
60°	6864.9	2218.5	225.9	133.6	134.6	107.7	112.5	124.0	123.0	118.2	118.2
62.5°	7060.0	1904.1	145.1	113.4	102.8	97.1	102.8	112.5	108.6	98.0	96.1
65°	7037.9	1468.7	111.5	97.1	84.6	84.6	89.4	98.0	86.5	69.2	67.3
67.5°	*6627.5*	*993.9*	*92.3*	*81.7*	*71.1*	*70.2*	*74.0*	*81.7*	*74.0*	*58.6*	*56.7*
70°	5894.1	649.8	74.0	63.4	56.7	51.9	59.6	70.2	62.5	47.1	45.2
72.5°	4783.9	396.0	55.7	46.1	41.3	33.6	47.1	57.7	50.0	34.6	32.7
75°	3095.1	201.9	38.4	29.8	22.1	20.2	34.6	43.3	34.6	21.1	18.3
77.5°	1184.2	84.6	21.1	13.5	11.5	9.6	19.2	26.0	14.4	4.8	3.8
80°	227.8	35.6	10.6	6.7	5.8	3.8	2.9	1.9	0.0	0.0	0.0
82.5°	39.4	11.5	3.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	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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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

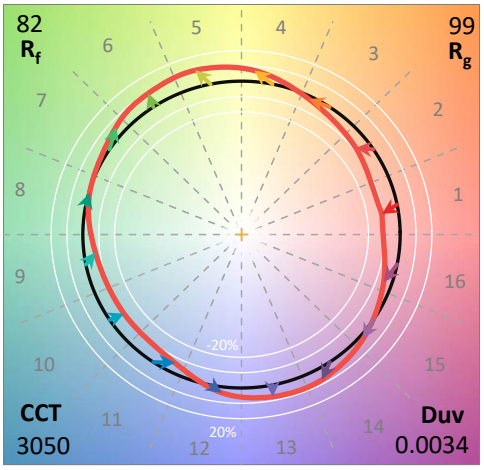
Test Information

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

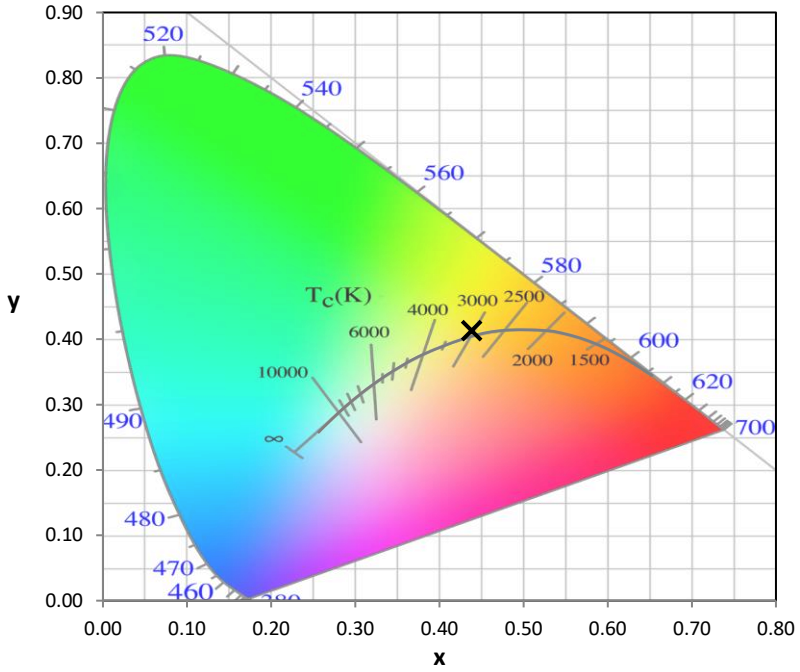
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

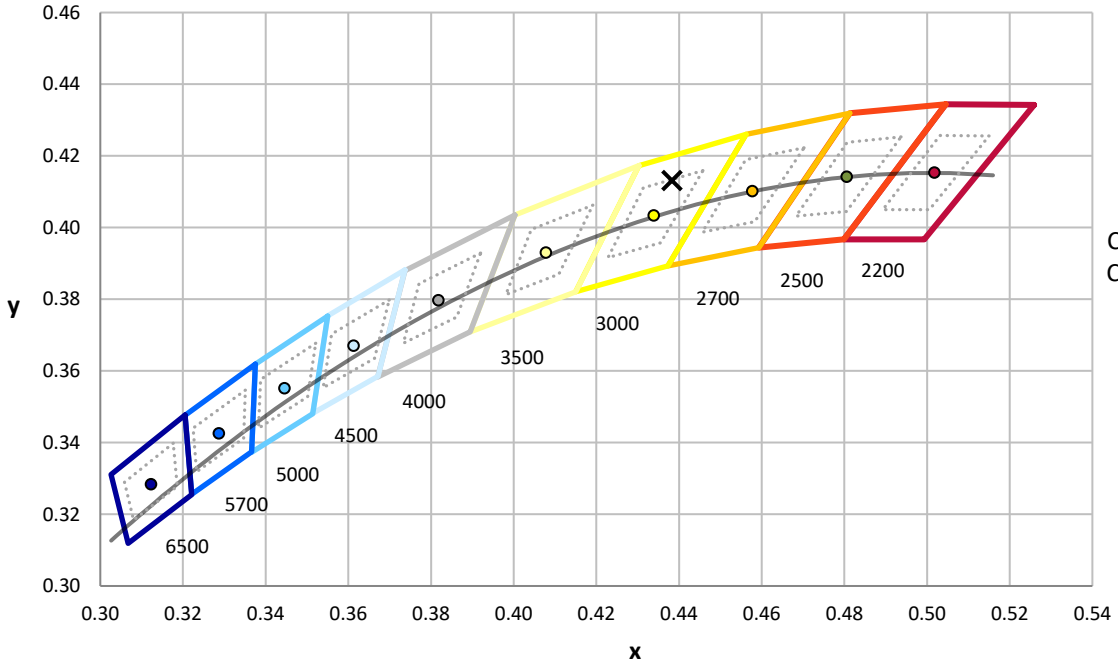
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

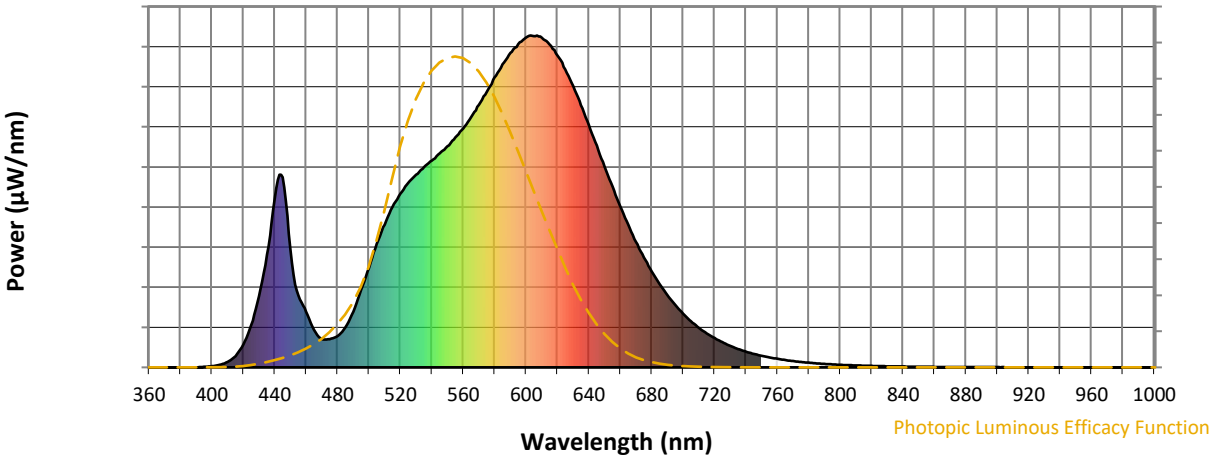


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

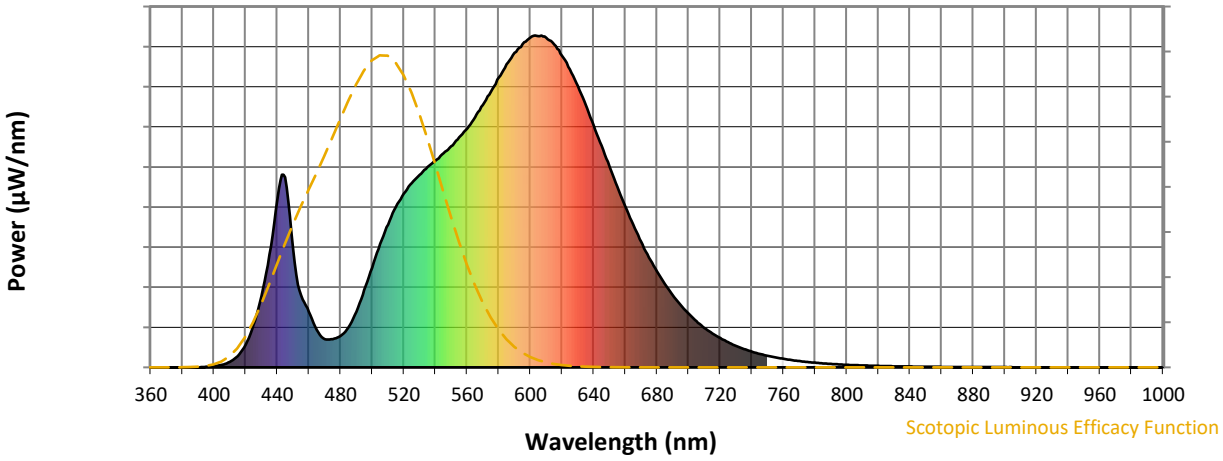


Photopic Lumens: NR

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

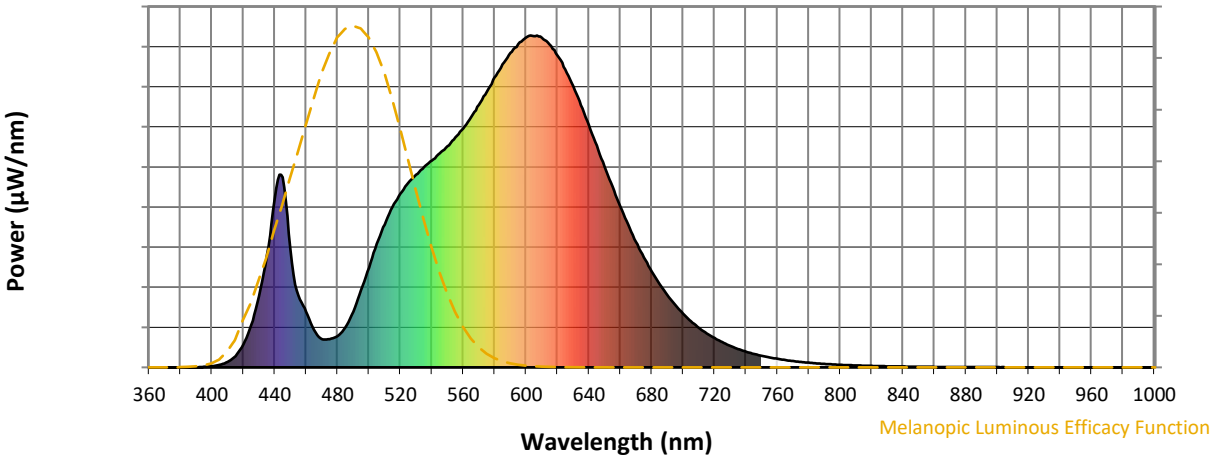


Scotopic Lumens: NR **S/P: 1.27**

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			

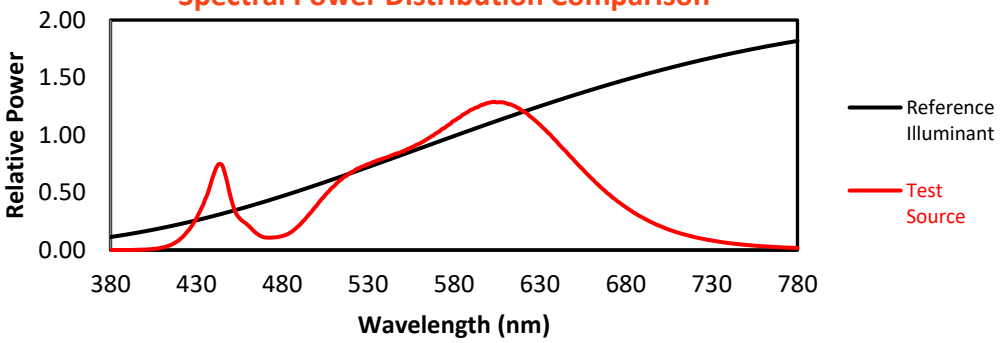
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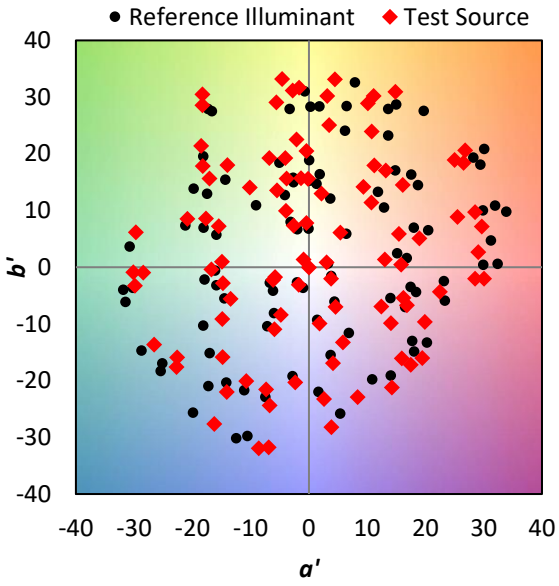
Summary

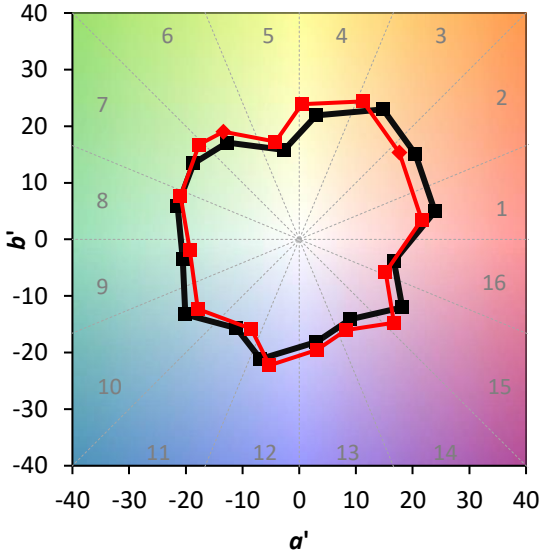
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

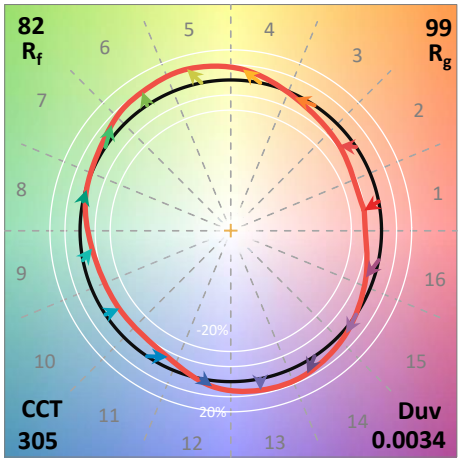
Spectral Power Distribution Comparison

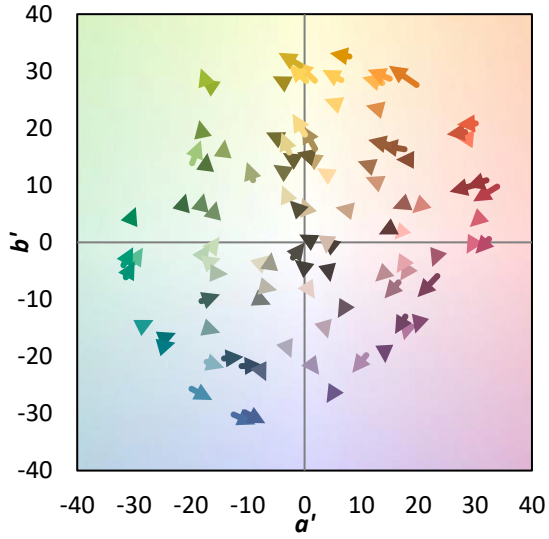


Color Vector Graphics







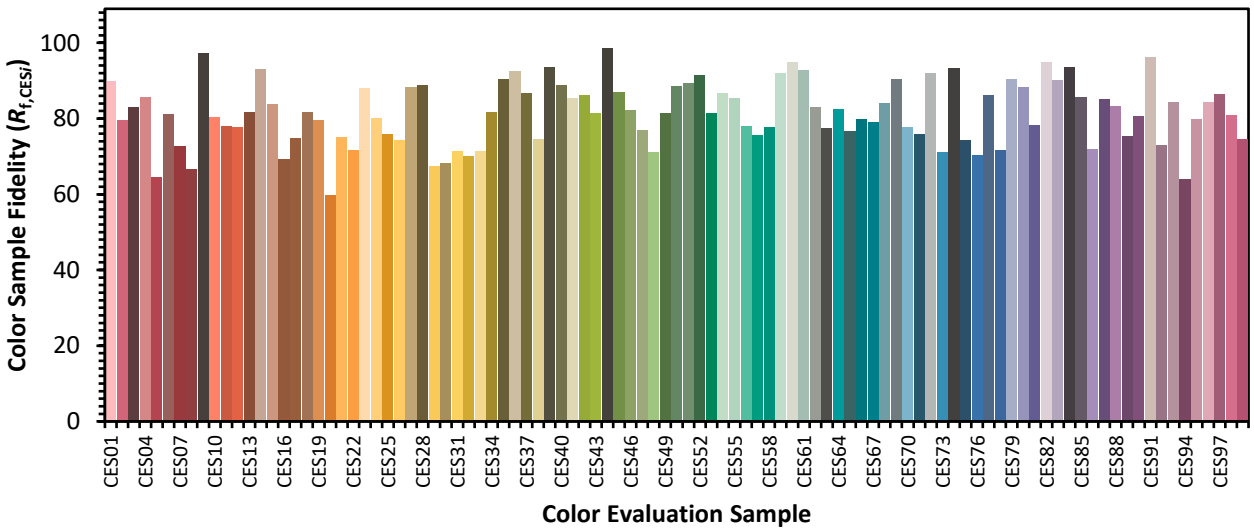


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Individual Sample Fidelity Index ($R_{f,i}$)

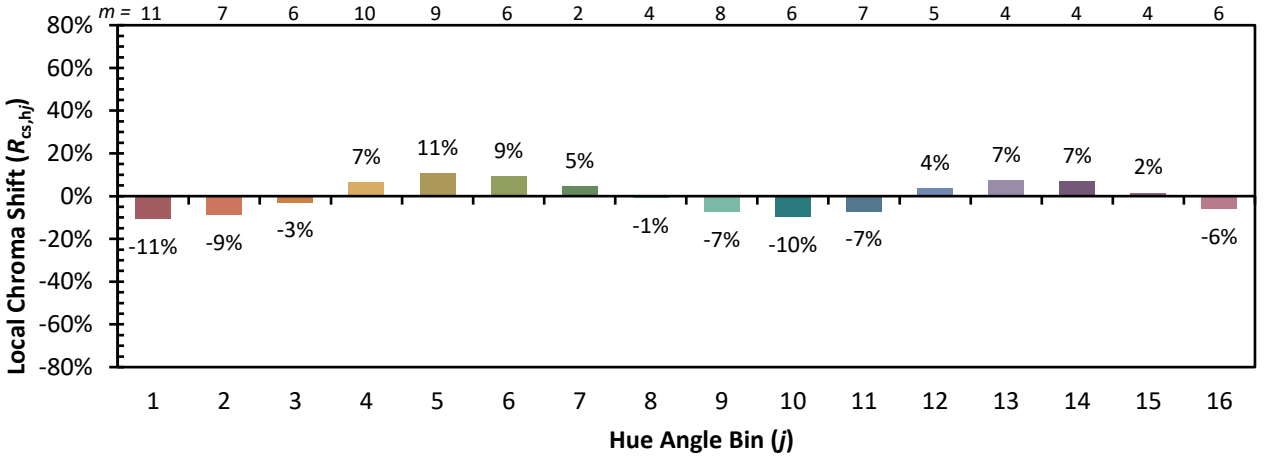
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

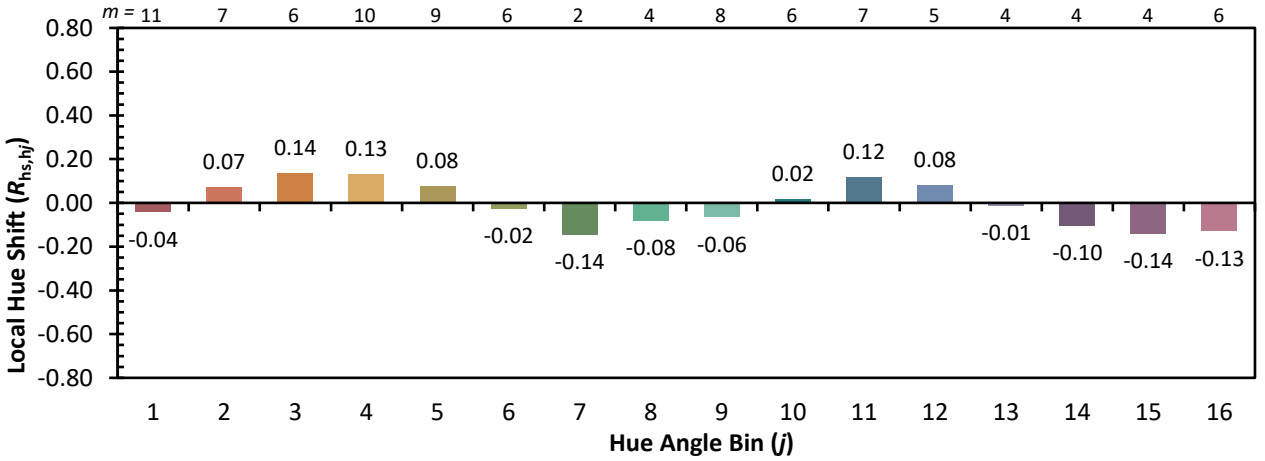


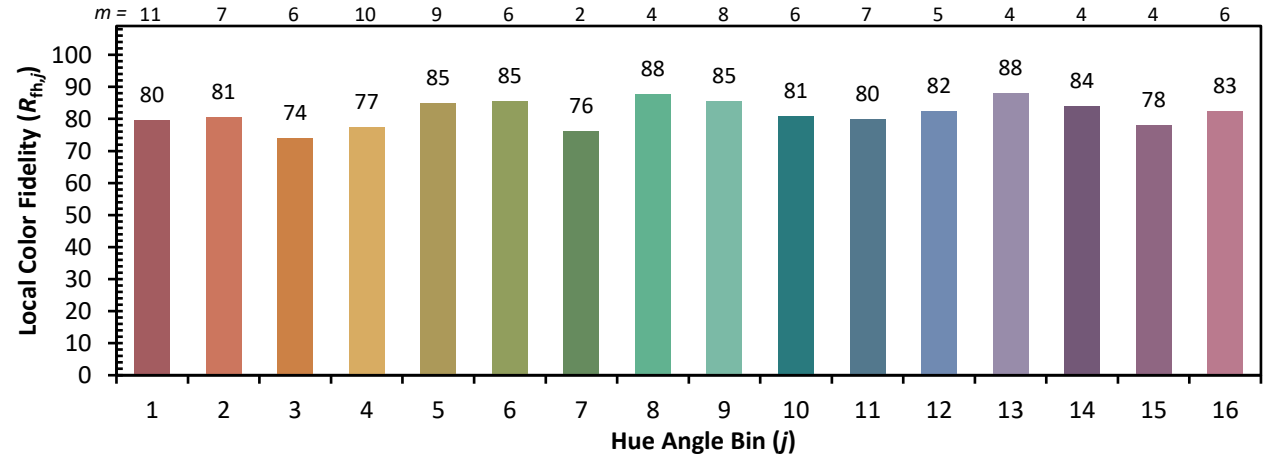
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Color Rendition by Hue-Angle Bin



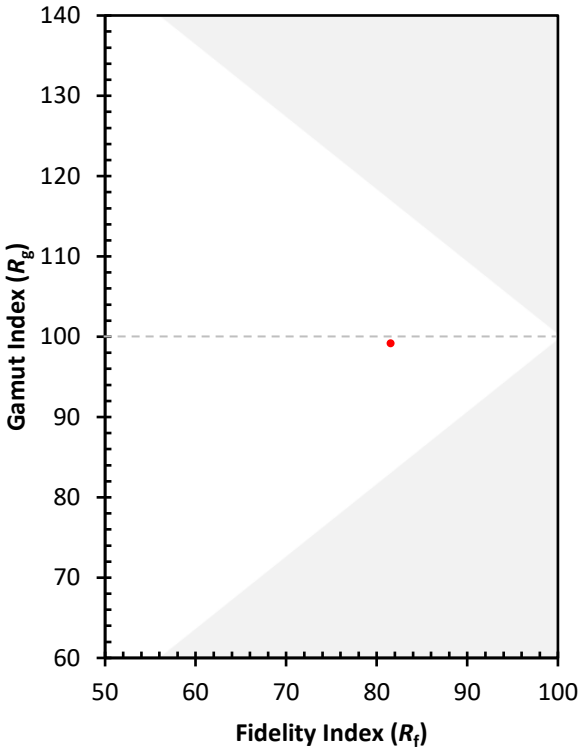


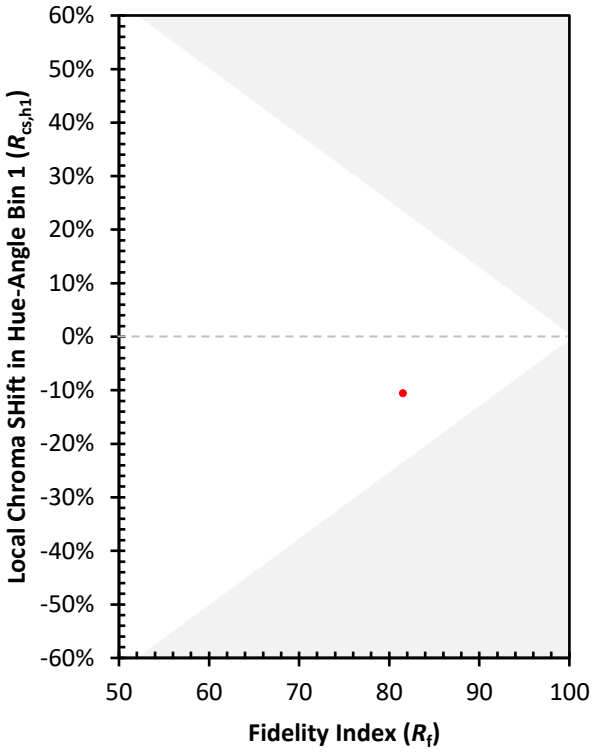


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Measure Comparisons





(END OF REPORT)