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: P1200333

Luminaire Tested: GPC-SB2C-830-U-AFL-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:	P1200333
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2C-830-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN
	OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11472 lumens
Efficiency:	N/A
Efficacy:	113.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
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

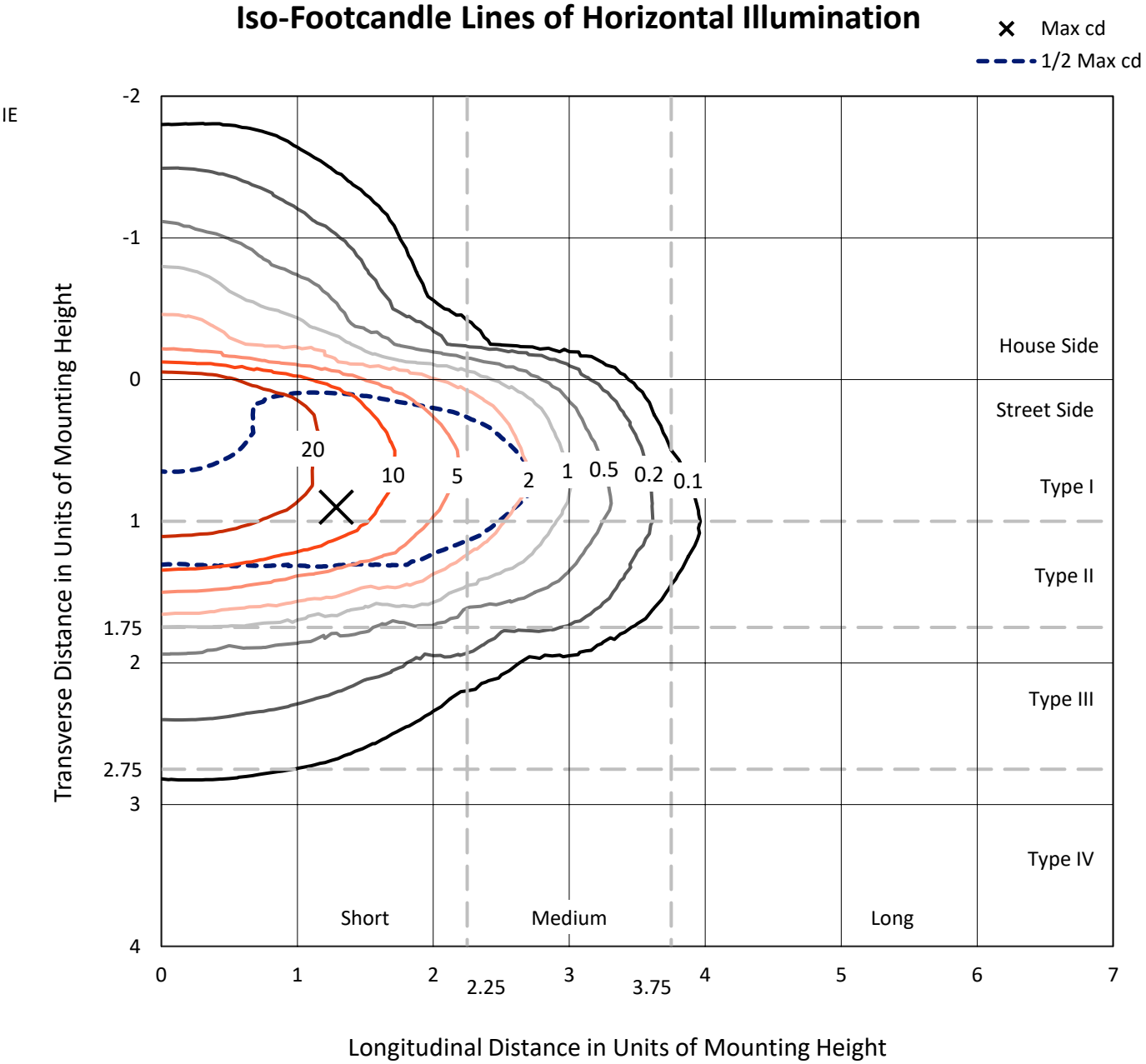


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Scaled Data Report

REPORT NUMBER: P1200333
CATALOG NUMBER: GPC-SB2C-830-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



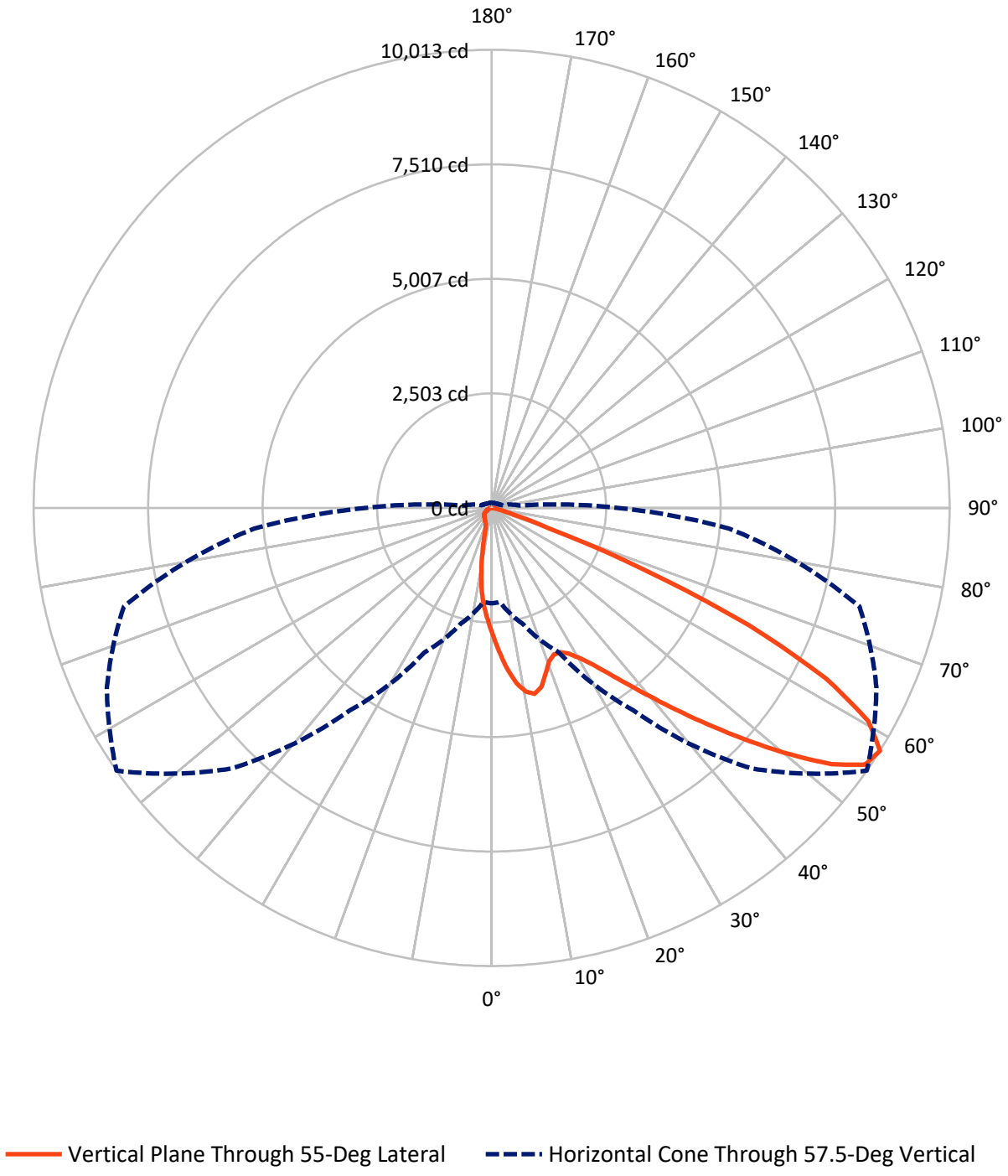
Based on 10 foot mounting height. Maximum calculated value = 39.6 fc
Type II - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1200333
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Luminous Intensity Polar Plot



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Scaled Data Report

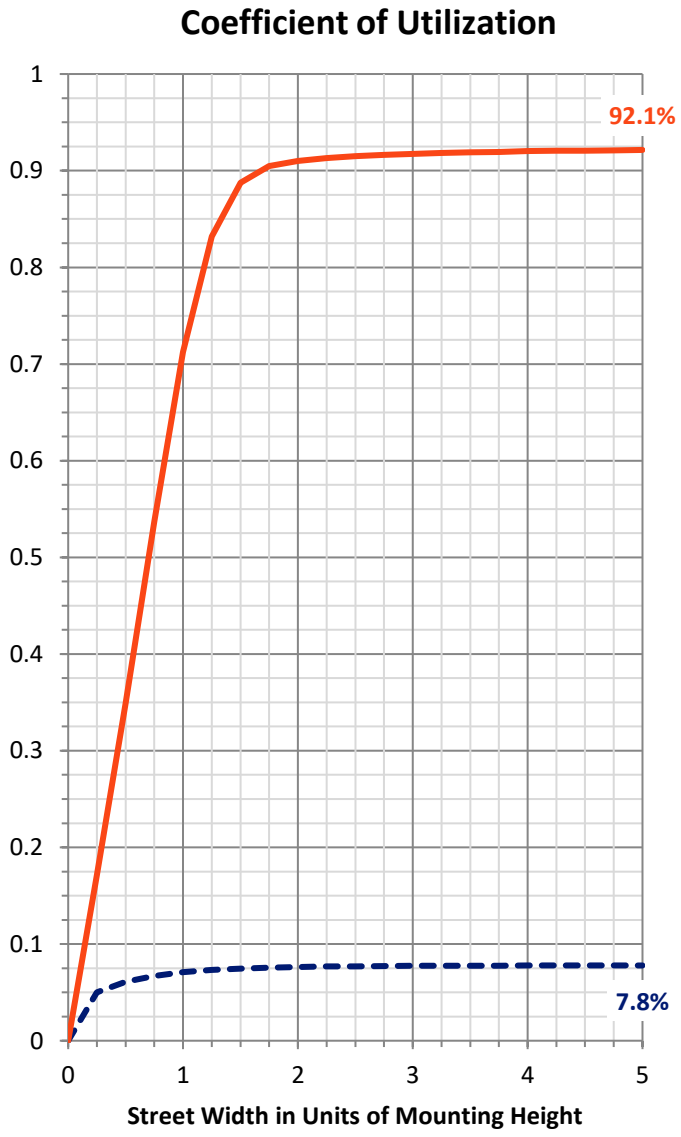
REPORT NUMBER: P1200333
CATALOG NUMBER: GPC-SB2C-830-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	895.9	0.0	895.9
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	10576.1	0.0	10576.1
	% Fixture	92.2	0.0	92.2
Total	Lumens	11472.0	0.0	11472.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	257.2	2.2
10°-20°	621.3	5.4
20°-30°	994.1	8.7
30°-40°	1682.6	14.7
40°-50°	2762.4	24.1
50°-60°	3036.1	26.5
60°-70°	1741.5	15.2
70°-80°	355.8	3.1
80°-90°	21.0	0.2
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°	11472.0	100.0
0°-180°	11472.0	100.0



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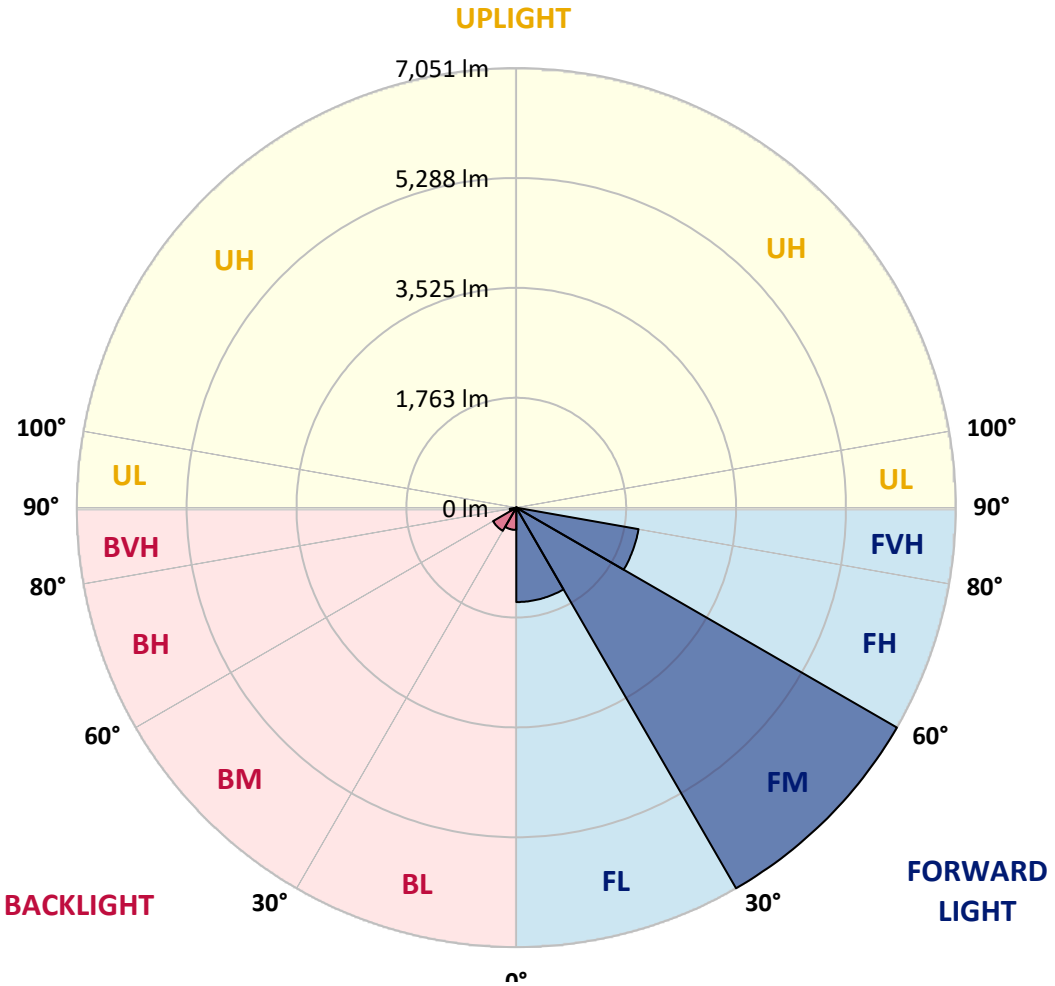
Scaled Data Report

REPORT NUMBER: P1200333
CATALOG NUMBER: GPC-SB2C-830-U-AFL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1514.9	13.2			
FM	(30°-60°)	7050.8	61.5			
FH	(60°-80°)	1990.8	17.4			G2/5000
FVH	(80°-90°)	19.6	0.2			G1/100
BL	(0°-30°)	357.7	3.1	B1/500		
BM	(30°-60°)	430.3	3.8	B1/1000		
BH	(60°-80°)	106.5	0.9	B0/110		G0/110
BVH	(80°-90°)	1.4	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 Short



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Scaled Data Report

REPORT NUMBER: P1200333
CATALOG NUMBER: GPC-SB2C-830-U-AFL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5
2.5°	3430.1	3387.0	3380.6	3372.1	3290.1	3228.5	3139.4	3041.8	2932.1	2820.4	2770.8
5°	3962.8	3928.8	3922.5	3882.8	3789.5	3684.8	3526.3	3326.1	3121.7	2881.2	2777.9
7.5°	4066.1	4059.7	4088.7	4087.3	4074.6	3991.8	3858.1	3619.7	3312.7	2956.2	2796.3
10°	3605.6	3621.8	3708.1	3783.8	3988.2	4107.1	4078.1	3881.4	3509.3	3041.8	2816.8
12.5°	3186.1	3167.0	3228.5	3314.1	3551.8	3905.5	4169.3	4100.0	3734.3	3138.7	2847.2
15°	2922.9	2915.1	2949.8	2989.4	3170.5	3527.0	4063.2	4277.6	3950.8	3253.3	2893.2
17.5°	2838.7	2832.4	2843.0	2852.9	2970.3	3246.2	3810.7	4386.5	4158.0	3384.1	2944.1
20°	2907.4	2898.9	2897.5	2889.7	2938.5	3126.7	3582.2	4394.3	4344.1	3503.0	2988.0
22.5°	3107.6	3097.6	3063.0	3031.9	3036.1	3142.9	3480.3	4316.5	4484.1	3614.0	3015.6
25°	3470.4	3454.2	3382.0	3277.3	3210.8	3256.1	3495.9	4213.9	4617.8	3701.0	3002.2
27.5°	3924.6	3903.4	3810.7	3655.1	3503.0	3447.8	3608.4	4143.2	4728.9	3767.5	2973.1
30°	4369.5	4341.9	4250.7	4129.7	3907.6	3733.6	3811.4	4174.3	4861.2	3836.9	2934.9
32.5°	4849.8	4823.7	4702.7	4552.7	4368.8	4134.7	4089.4	4326.4	5023.2	3933.8	2908.1
35°	5457.5	5416.5	5244.6	5040.1	4844.9	4607.9	4465.7	4588.8	5238.9	4081.6	2922.9
37.5°	6149.3	6094.1	5908.8	5626.6	5371.9	5106.6	4924.1	4949.6	5555.1	4279.7	2968.9
40°	6801.5	6751.3	6580.1	6314.1	5994.4	5672.5	5478.0	5421.4	5991.6	4520.9	3049.5
42.5°	7192.7	7147.4	7075.3	6962.8	6693.3	6365.1	6119.6	5997.2	6508.0	4809.5	3147.9
45°	7214.6	7175.0	7271.9	7402.8	7349.8	7131.2	6831.9	6607.7	7026.5	5080.5	3249.7
47.5°	6863.8	6836.9	7131.2	7588.1	7815.9	7907.9	7632.0	7167.2	7454.4	5275.0	3291.5
50°	5907.4	5897.5	6503.0	7342.0	7993.5	8588.4	8475.9	7687.9	7786.2	5375.4	3251.9
52.5°	5122.2	5086.1	5439.1	6553.9	7735.3	8946.3	9300.7	8198.6	8018.2	5394.5	3159.2
55°	3885.0	3853.1	4296.0	5235.4	6902.7	8819.0	9904.1	8725.6	8184.5	5345.7	2993.0
57.5°	2084.0	2064.2	2623.7	3484.6	5395.9	8055.0	10013.1	9283.0	8324.5	5216.3	2760.2
60°	811.4	807.8	1017.2	1690.7	3279.4	6553.2	9463.4	9617.6	8412.2	5057.1	2565.7
62.5°	490.9	501.5	535.5	759.0	1448.7	4071.0	8196.5	9237.1	8471.0	4911.4	2405.1
65°	406.0	406.7	411.0	521.3	693.9	1703.4	6170.5	7985.0	8325.9	4651.8	2177.3
67.5°	348.0	354.4	370.7	413.8	489.5	747.0	3552.5	6185.4	7443.8	4047.7	1822.2
70°	274.5	283.0	303.5	340.3	377.7	467.6	1312.9	4115.6	5686.7	3051.0	1378.0
72.5°	231.3	230.6	241.2	276.6	299.9	328.9	505.1	2306.1	3304.9	1456.5	681.9
75°	179.0	186.0	199.5	231.3	245.5	238.4	273.8	842.5	1184.2	441.4	232.0
77.5°	140.1	145.7	157.7	188.9	203.0	169.1	157.7	301.3	380.6	158.5	104.7
80°	63.0	67.9	107.5	139.4	165.5	116.7	85.6	154.2	169.1	72.2	53.1
82.5°	11.3	19.1	63.0	73.6	84.9	75.7	44.6	79.9	82.8	29.0	18.4
85°	0.7	1.4	21.9	26.9	34.0	24.8	13.4	31.8	27.6	9.9	7.1
87.5°	0.0	0.0	0.0	0.7	0.7	3.5	4.2	5.7	4.2	3.5	2.8
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: P1200333
CATALOG NUMBER: GPC-SB2C-830-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5	2764.5
2.5°	2719.9	2619.5	2521.8	2441.9	2395.2	2316.0	2263.6	2255.2	2233.2	2252.3
5°	2667.6	2487.9	2306.1	2143.4	2009.7	1837.1	1708.3	1653.9	1606.5	1622.7
7.5°	2642.8	2359.1	2076.2	1798.2	1512.4	1236.5	1031.4	945.8	880.7	889.9
10°	2609.6	2225.4	1781.9	1357.5	974.8	702.4	561.0	508.6	479.6	480.3
12.5°	2584.1	2065.6	1440.2	920.3	593.5	448.5	404.6	391.9	383.4	384.1
15°	2571.4	1877.4	1102.8	613.3	424.4	379.9	369.3	363.6	357.9	357.2
17.5°	2550.1	1668.0	807.1	447.8	371.4	355.8	346.6	340.3	333.2	331.8
20°	2518.3	1430.3	590.0	378.5	348.0	336.0	323.3	314.8	306.3	304.9
22.5°	2459.6	1179.2	453.4	350.2	331.1	317.6	302.1	292.2	283.7	282.2
25°	2350.6	943.7	382.0	332.5	316.2	299.9	283.0	269.5	261.7	260.3
27.5°	2212.7	741.3	346.6	316.2	297.1	282.2	263.1	250.4	243.3	241.9
30°	2050.0	570.9	326.1	297.8	274.5	261.7	244.8	234.1	229.9	229.9
32.5°	1874.6	456.3	317.6	279.4	254.7	240.5	227.1	222.8	221.4	220.7
35°	1709.8	396.1	313.4	264.6	237.0	223.5	217.9	218.6	221.4	221.4
37.5°	1563.3	377.0	311.3	254.0	221.4	209.4	212.9	219.3	216.5	216.5
40°	1431.0	379.2	309.8	246.2	208.7	201.6	208.7	203.7	196.7	195.9
42.5°	1329.9	396.8	307.0	239.8	200.9	195.9	193.1	185.3	184.6	186.0
45°	1256.3	412.4	306.3	237.0	192.4	183.2	179.7	171.9	186.0	189.6
47.5°	1169.3	412.4	306.3	227.1	178.3	174.7	169.1	160.6	174.7	178.3
50°	1056.8	386.2	294.3	215.8	166.9	164.8	154.9	144.3	141.5	143.6
52.5°	914.7	338.8	263.9	200.2	155.6	151.4	139.4	131.6	129.5	129.5
55°	752.7	283.7	222.8	177.6	143.6	135.8	127.3	123.8	121.7	120.3
57.5°	*611.9*	*232.7*	*179.0*	*157.7*	*132.3*	*122.4*	*119.5*	*115.3*	*111.8*	*109.6*
60°	502.2	183.2	147.8	140.1	121.0	111.8	111.1	105.4	96.2	94.8
62.5°	387.6	134.4	124.5	121.7	109.6	101.9	100.4	89.1	75.0	72.2
65°	273.8	104.7	100.4	106.8	97.6	90.5	87.0	70.0	55.2	53.1
67.5°	192.4	87.7	79.2	93.4	84.9	75.7	73.6	59.4	46.0	44.6
70°	137.2	71.4	65.1	79.9	67.9	66.5	62.3	49.5	37.5	36.1
72.5°	96.9	54.5	50.2	69.3	46.7	57.3	50.9	38.2	28.3	26.9
75°	71.4	38.9	35.4	40.3	34.0	43.2	36.1	25.5	17.7	17.0
77.5°	52.3	24.8	21.2	19.8	19.8	26.9	19.8	10.6	7.8	7.1
80°	36.8	11.3	9.9	8.5	7.8	6.4	2.8	1.4	0.7	0.7
82.5°	21.9	5.0	5.0	3.5	2.1	0.0	0.0	0.0	0.0	0.0
85°	5.0	2.1	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.7	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


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

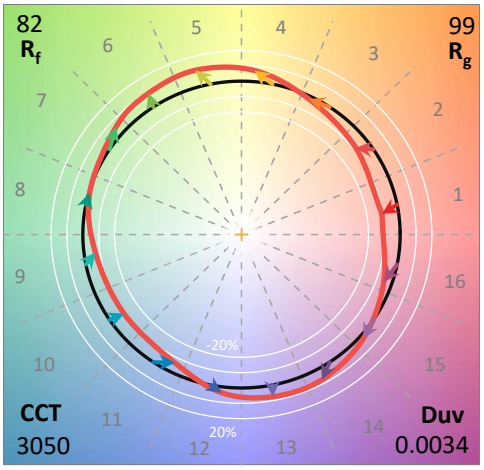
Test Information

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

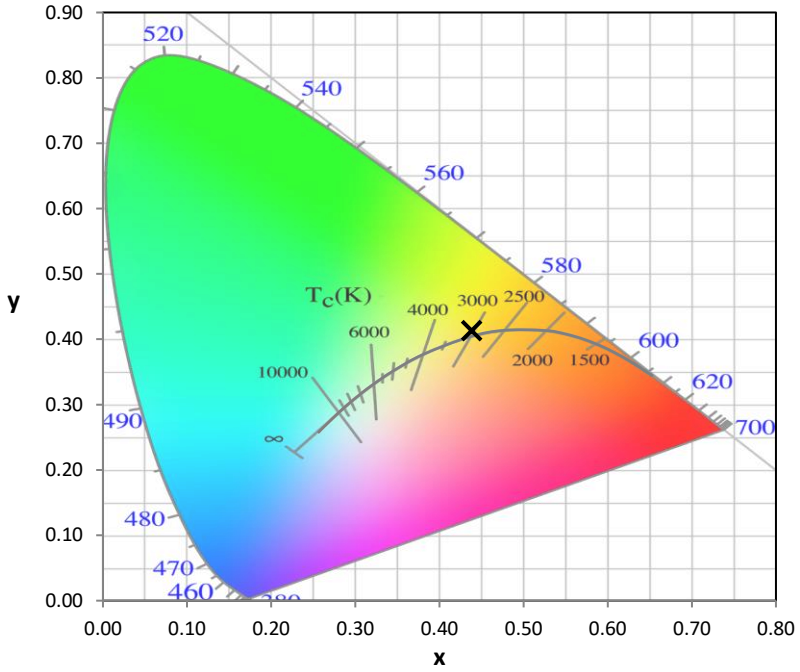
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

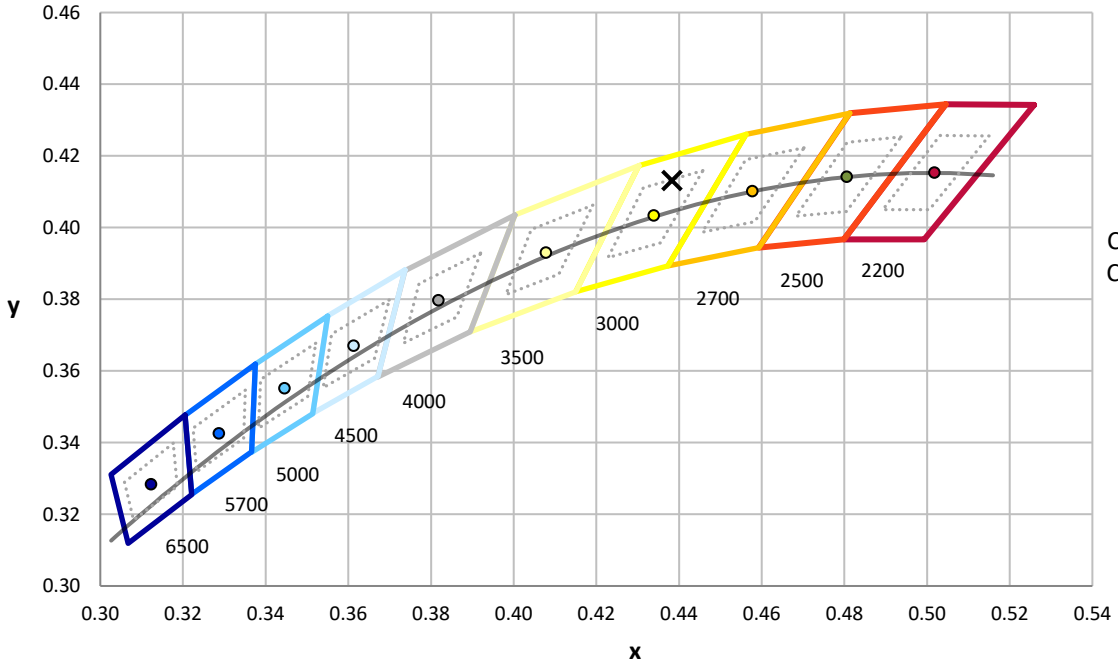
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

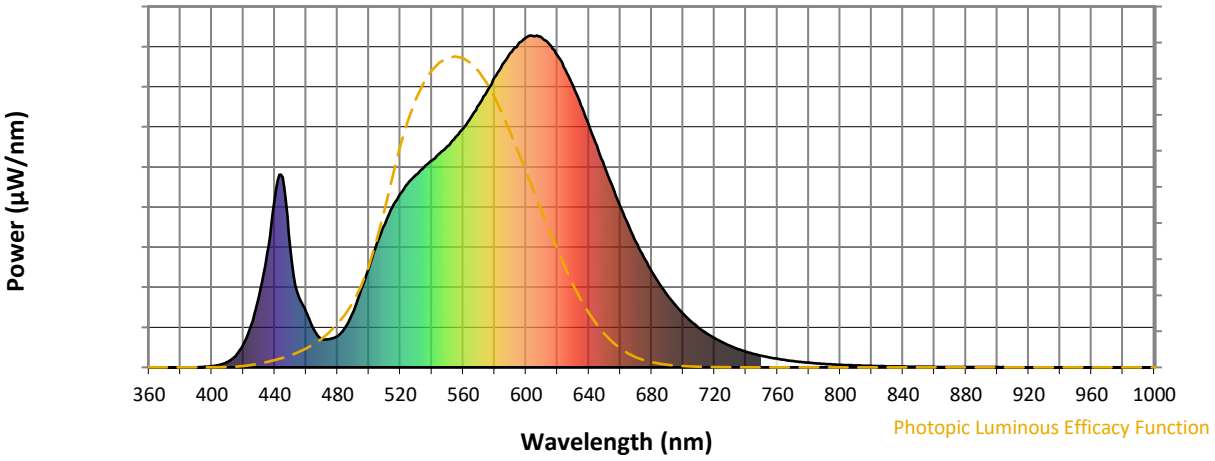


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

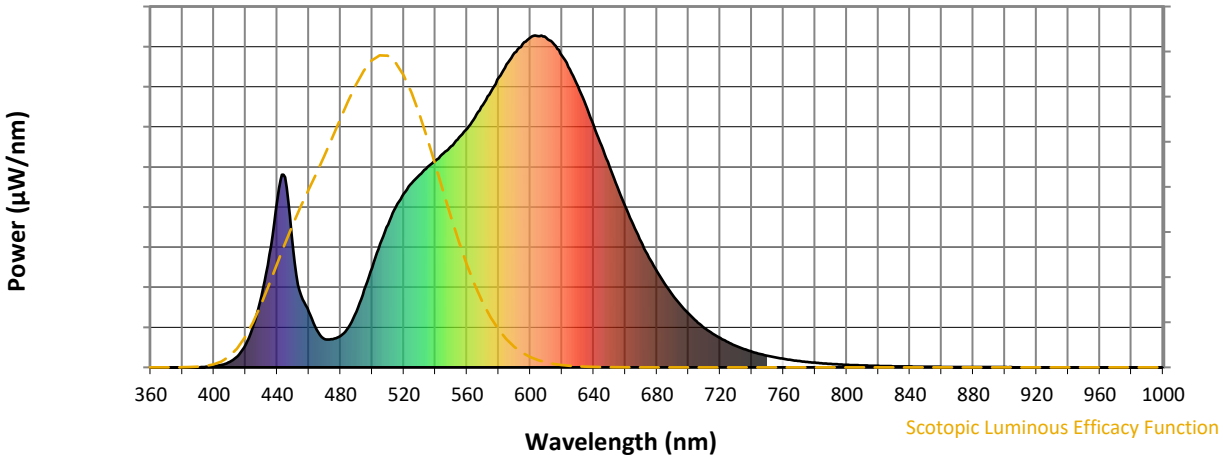


Photopic Lumens: NR

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

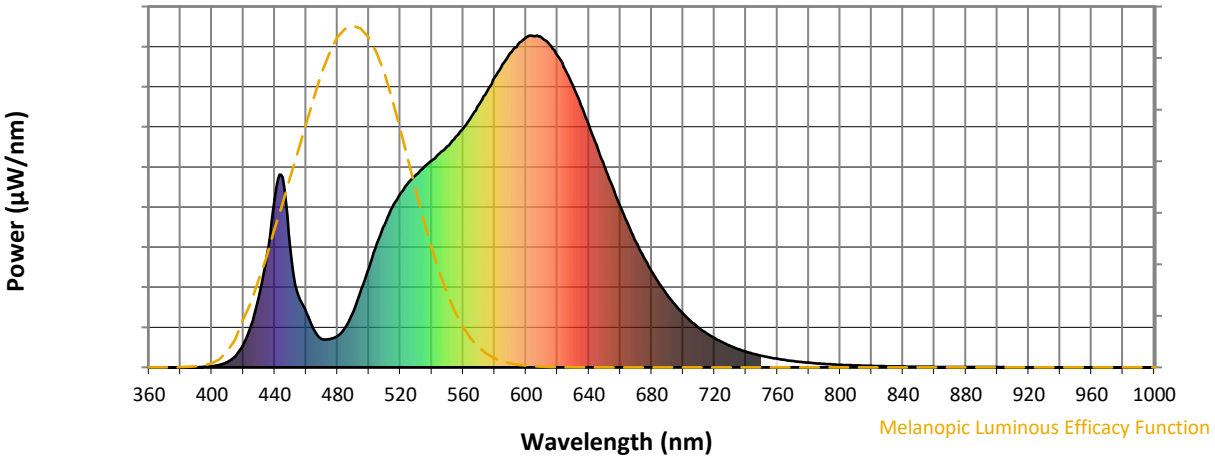


Scotopic Lumens: NR **S/P: 1.27**

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			

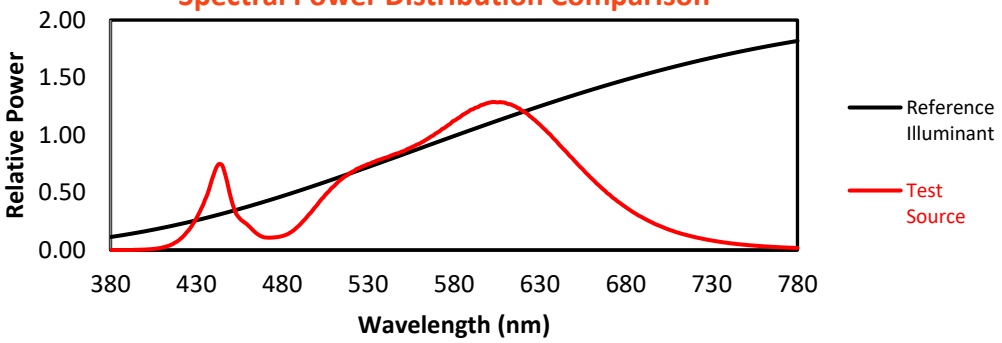
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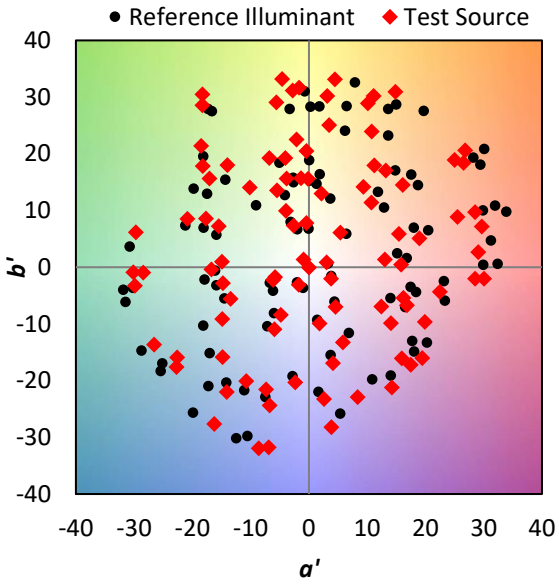
Summary

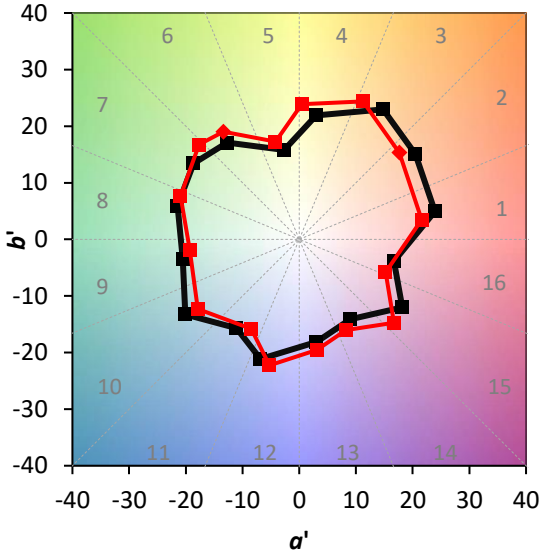
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

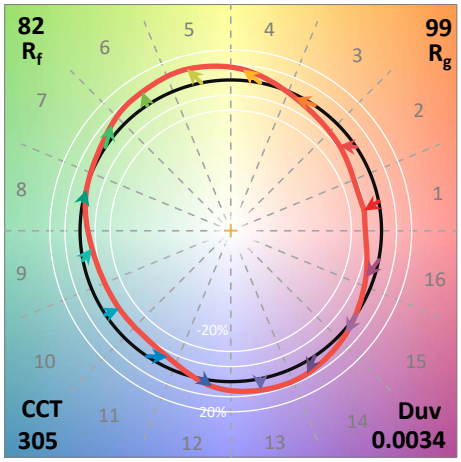
Spectral Power Distribution Comparison

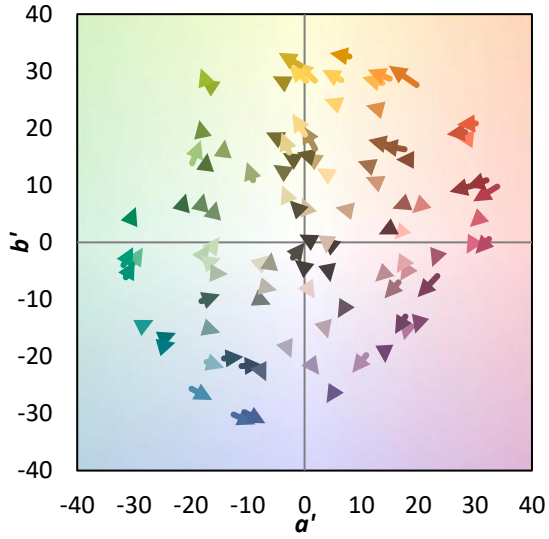


Color Vector Graphics







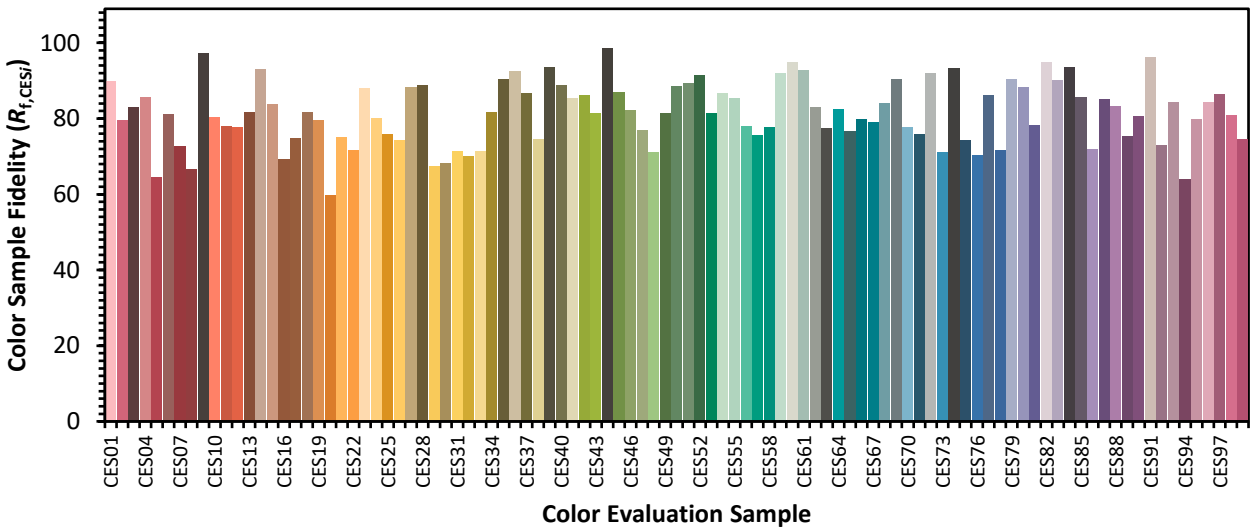


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Individual Sample Fidelity Index ($R_{f,i}$)

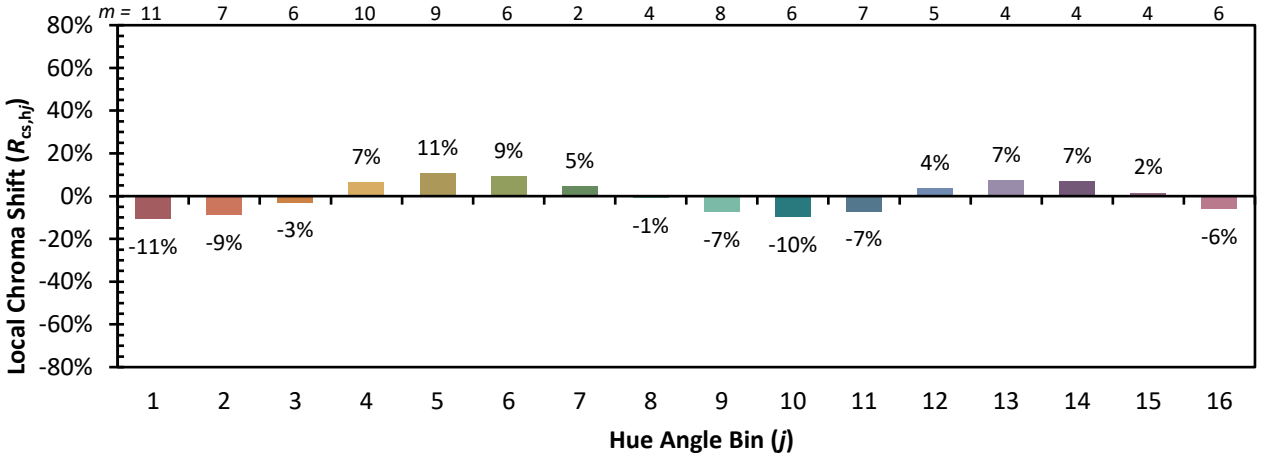
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

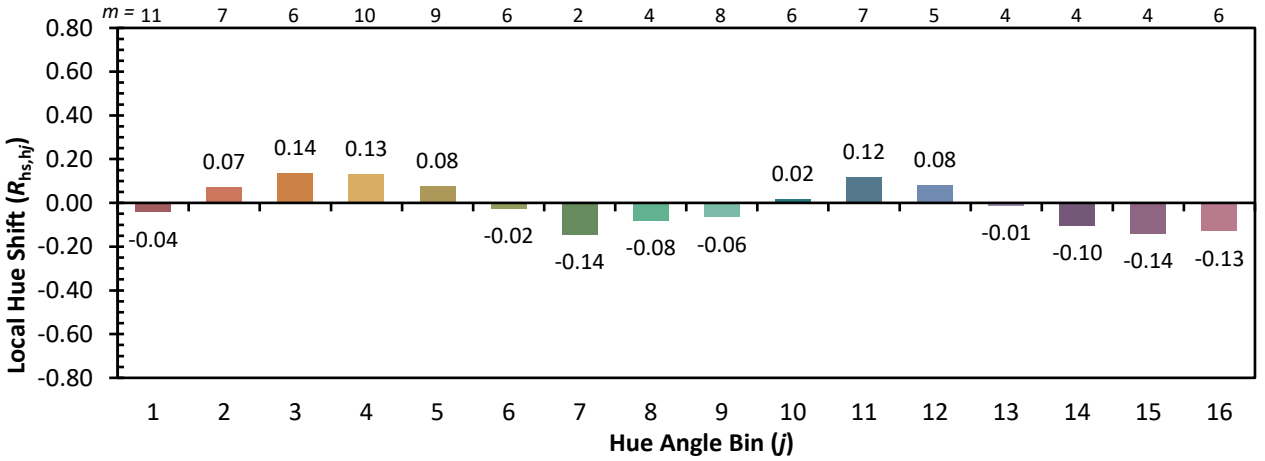


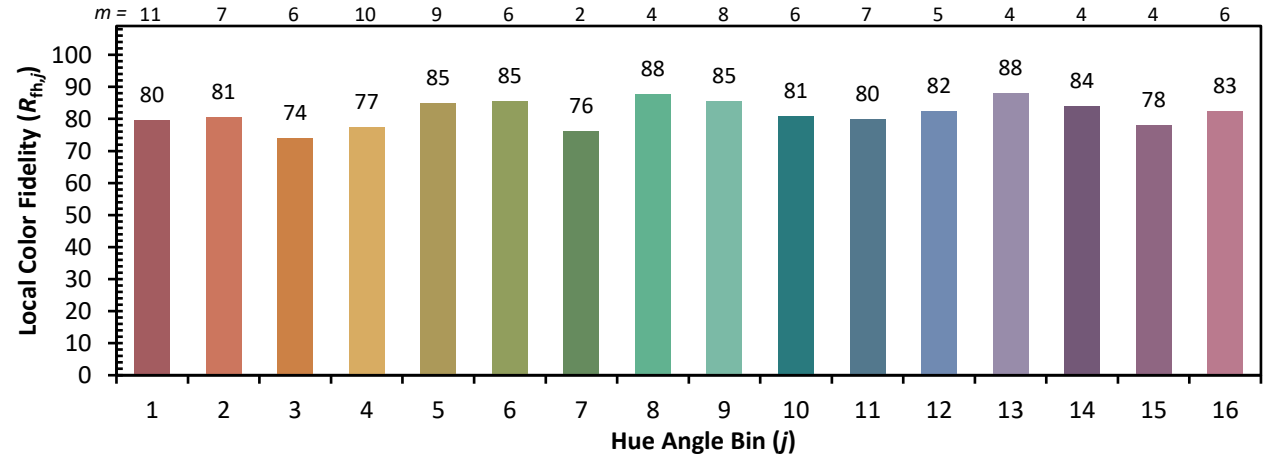
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Color Rendition by Hue-Angle Bin



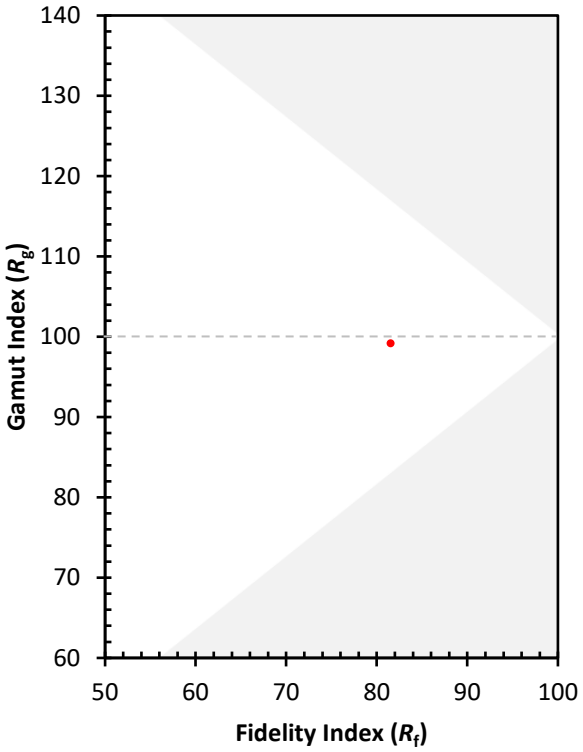


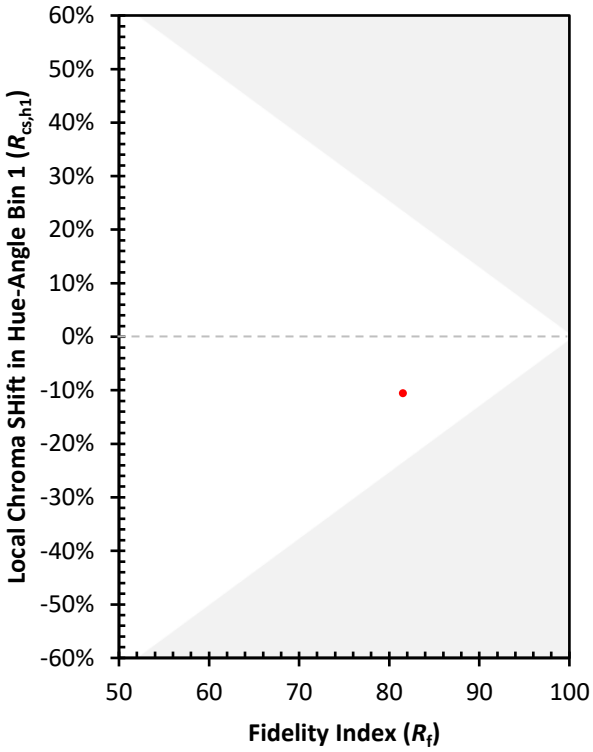


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Measure Comparisons





(END OF REPORT)