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: P1199871

Luminaire Tested: GPC-SB2B-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:	P1199871
	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-SB2B-830-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 450mA 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:	8565 lumens
Efficiency:	N/A
Efficacy:	115.9 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):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

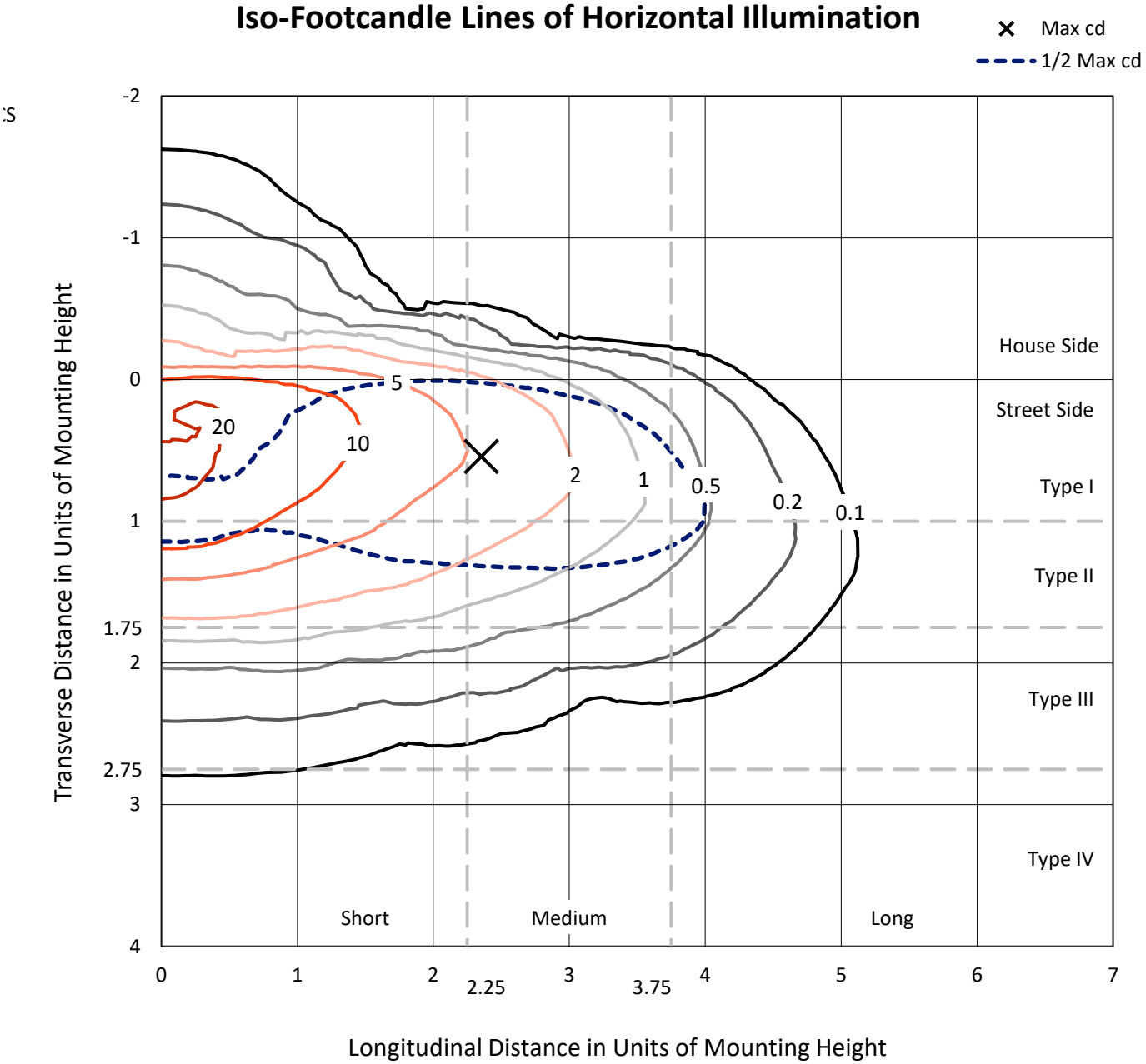


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REPORT NUMBER: P1199871
CATALOG NUMBER: GPC-SB2B-830-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination



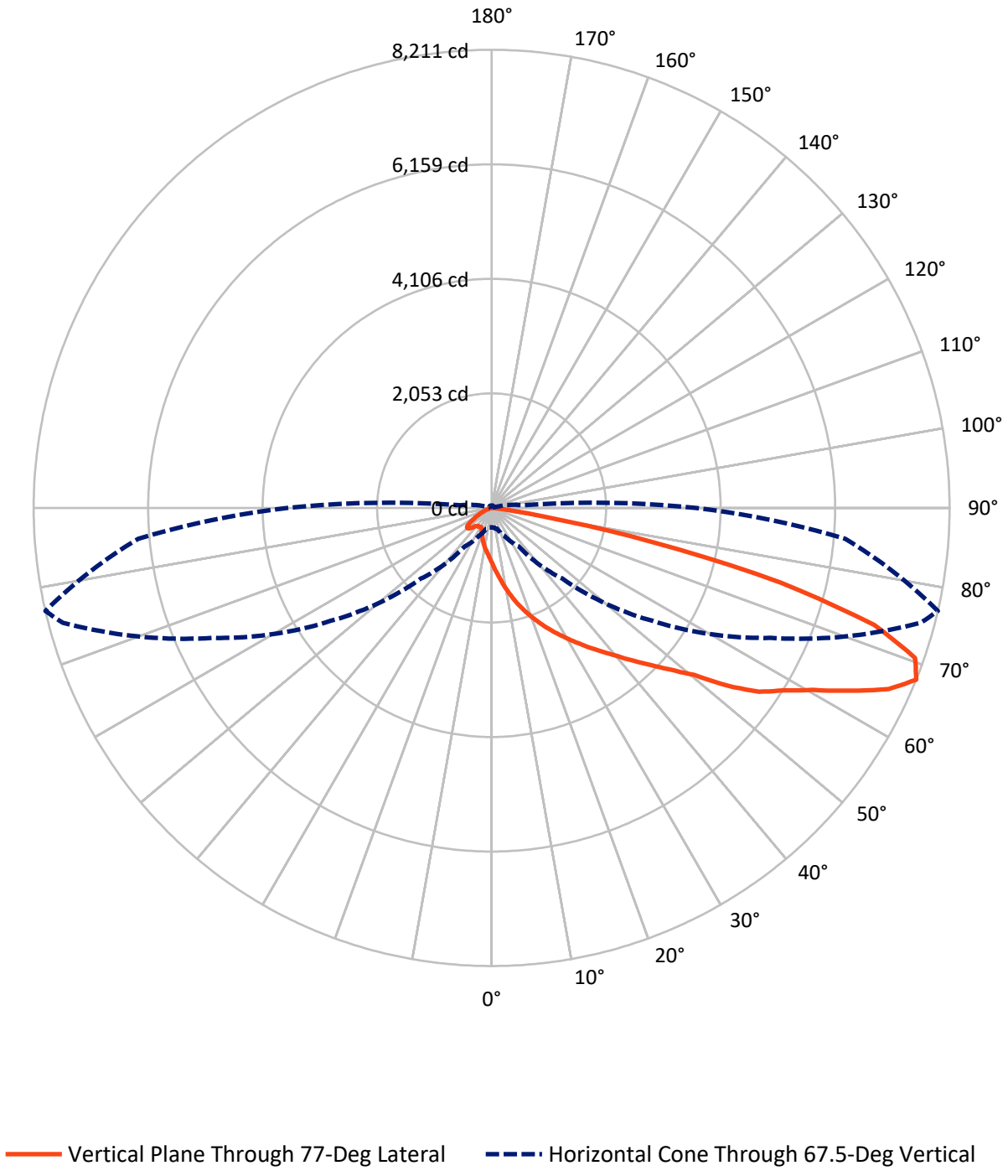
Based on 10 foot mounting height. Maximum calculated value = 23.1 fc
Type II - Medium - N/A

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REPORT NUMBER: P1199871
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Luminous Intensity Polar Plot



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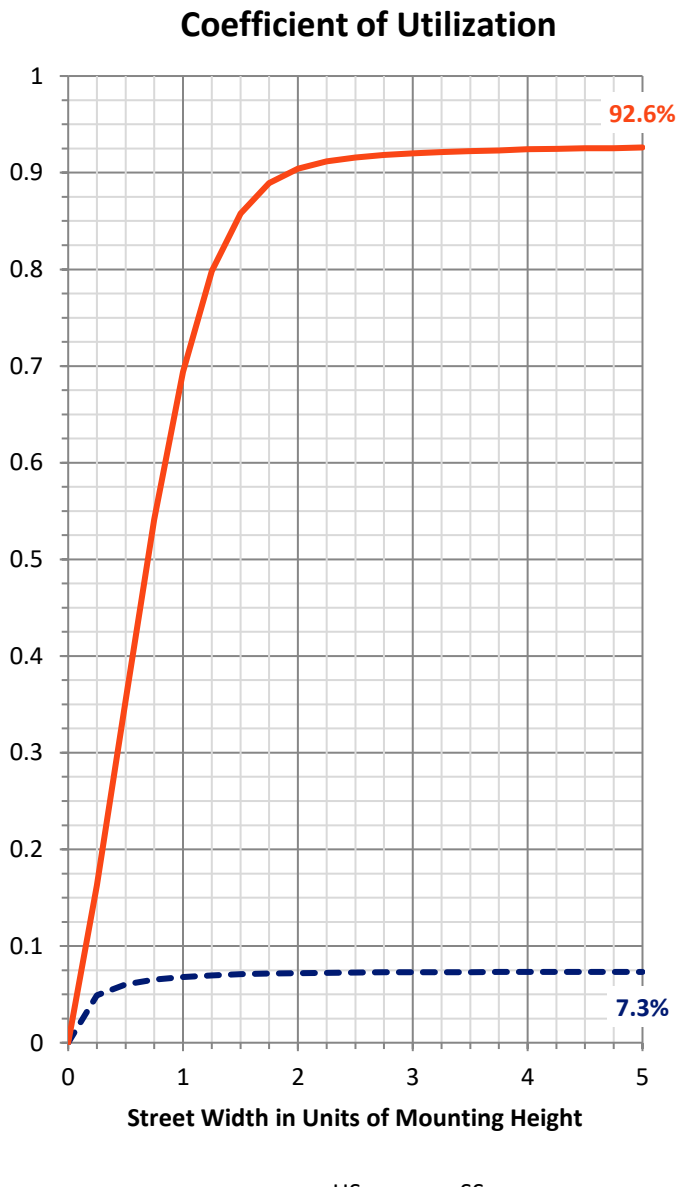
REPORT NUMBER: P1199871
CATALOG NUMBER: GPC-SB2B-830-U-T2R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	630.1	0.0	630.1
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	7934.9	0.0	7934.9
	% Fixture	92.6	0.0	92.6
Total	Lumens	8565.0	0.0	8565.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.8	1.2
10°-20°	353.0	4.1
20°-30°	681.2	8.0
30°-40°	1182.6	13.8
40°-50°	1717.1	20.0
50°-60°	1971.9	23.0
60°-70°	1712.0	20.0
70°-80°	806.4	9.4
80°-90°	39.9	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°	8565.0	100.0
0°-180°	8565.0	100.0



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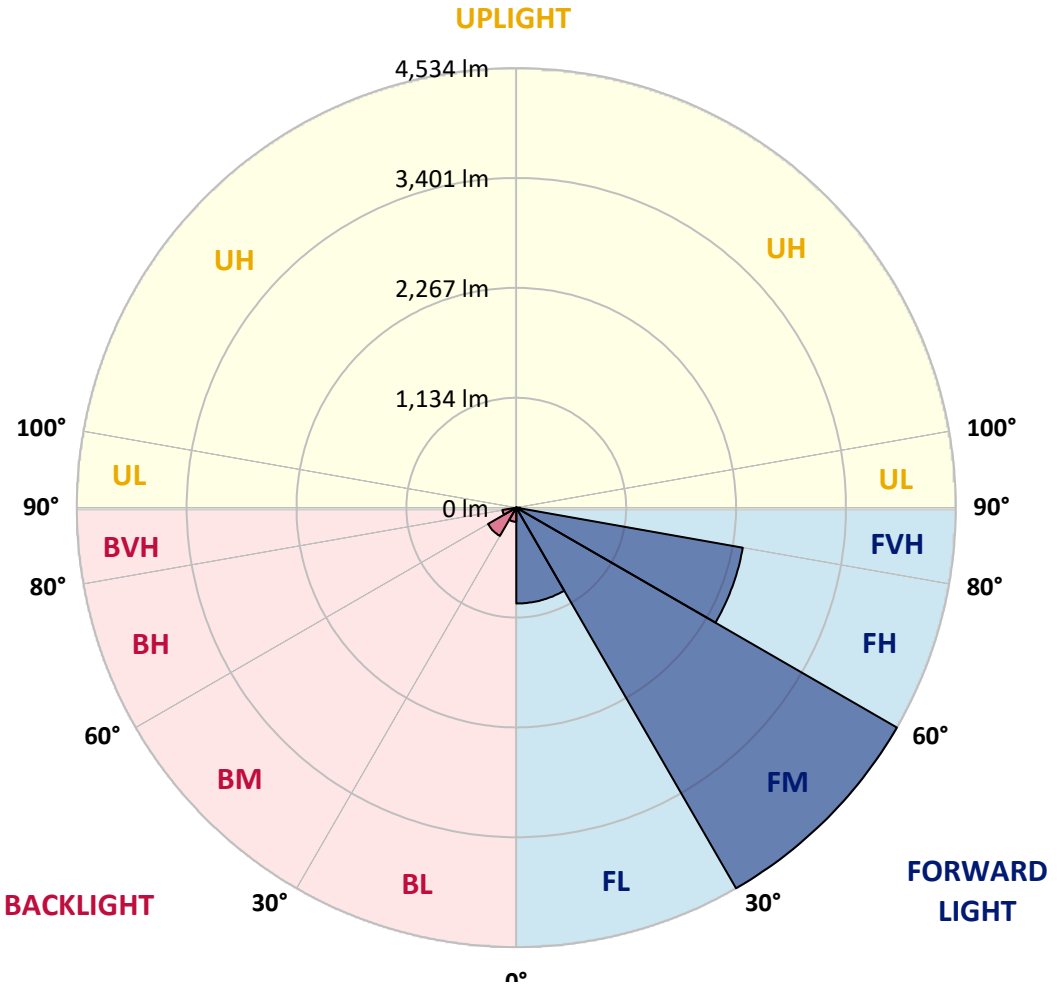
Scaled Data Report

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CATALOG NUMBER: GPC-SB2B-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°)	989.2	11.5			
FM	(30°-60°)	4534.1	52.9			
FH	(60°-80°)	2372.5	27.7			G2/5000
FVH	(80°-90°)	39.1	0.5			G1/100
BL	(0°-30°)	145.9	1.7	B1/500		
BM	(30°-60°)	337.6	3.9	B1/1000		
BH	(60°-80°)	145.9	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: P1199871
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	987.7	987.7	987.7	987.7	987.7	987.7	987.7	987.7	987.7	*987.7*	987.7
2.5°	1367.4	1375.9	1363.7	1340.3	1305.2	1282.3	1226.5	1173.8	1115.3	*1096.7*	1038.2
5°	1666.9	1674.3	1660.5	1634.9	1588.1	1543.5	1470.1	1360.0	1245.6	*1208.9*	1105.2
7.5°	1888.6	1892.9	1887.6	1864.2	1819.5	1769.0	1687.1	1556.8	1387.1	*1346.7*	1187.7
10°	2048.2	2062.0	2060.4	2051.4	2021.6	1980.7	1893.4	1745.0	1545.6	*1493.5*	1280.7
12.5°	2154.0	2169.5	2178.5	2198.7	2197.1	2171.1	2094.5	1937.6	1703.6	*1642.4*	1385.5
15°	2184.9	2201.4	2236.0	2282.8	2324.2	2337.5	2283.8	2126.4	1877.5	*1799.3*	1492.9
17.5°	2167.3	2192.9	2234.4	2308.3	2399.2	2459.3	2453.5	2308.8	2035.4	*1946.1*	1598.2
20°	2206.2	2230.6	2263.1	2325.3	2431.1	2540.2	2583.8	2483.3	2192.3	*2098.7*	1708.9
22.5°	2421.0	2416.8	2420.0	2430.1	2493.4	2601.3	2691.2	2641.8	2347.6	*2251.9*	1825.9
25°	2761.4	2742.3	2709.8	2655.1	2639.1	2691.2	2784.8	2782.2	2511.5	*2408.8*	1945.6
27.5°	3151.8	3148.6	3072.6	2940.7	2866.2	2846.0	2890.7	2918.9	2673.7	*2564.1*	2065.8
30°	3525.7	3534.2	3431.6	3284.8	3148.1	3068.9	3028.4	3048.6	2838.6	*2731.7*	2189.7
32.5°	3851.2	3860.3	3748.6	3576.8	3407.6	3311.9	3226.8	3176.8	3018.3	*2901.8*	2325.8
35°	4126.2	4135.2	4007.1	3817.2	3636.9	3550.2	3453.9	3317.2	3199.2	*3090.7*	2477.4
37.5°	4371.9	4369.3	4197.5	4006.0	3828.9	3760.3	3709.7	3490.1	3385.3	*3280.5*	2645.5
40°	4517.1	4528.3	4381.5	4170.3	3998.5	3948.6	3945.4	3704.4	3600.2	*3498.6*	2829.5
42.5°	4559.7	4579.3	4473.0	4299.6	4143.7	4089.5	4173.0	3936.3	3850.2	*3751.2*	3037.5
45°	4483.1	4502.2	4453.8	4333.6	4242.7	4207.6	4368.7	4176.7	4117.2	*4019.3*	3272.0
47.5°	4259.7	4283.6	4295.3	4269.8	4268.7	4304.4	4544.2	4429.9	4434.1	*4334.2*	3543.8
50°	3827.3	3867.7	3975.1	4065.6	4205.4	4381.0	4715.0	4704.3	4791.6	*4705.4*	3898.0
52.5°	3041.2	3098.6	3468.8	3716.1	4030.5	4366.6	4902.7	5144.7	5418.6	*5292.6*	4397.4
55°	2443.9	2443.9	2744.9	3207.7	3689.0	4271.9	4984.6	5430.9	5845.7	*5815.9*	4749.0
57.5°	1992.4	2016.3	2208.3	2617.3	3194.9	4046.4	5035.2	5610.6	6189.8	*6168.0*	5092.6
60°	1229.7	1281.3	1644.0	2047.7	2632.7	3644.9	5003.2	5792.5	6607.3	*6624.9*	5506.4
62.5°	692.5	711.6	873.3	1473.3	2047.1	3105.0	4759.1	5894.1	7141.3	*7215.8*	5932.9
65°	478.1	487.7	549.9	916.9	1419.0	2472.1	4282.0	5830.8	7676.4	*7826.9*	6294.6
67.5°	*347.3*	*352.1*	*390.9*	*560.1*	*841.9*	*1792.4*	*3534.2*	*5511.7*	*7959.9*	*8211.4*	*6363.7*
70°	267.0	270.2	298.4	368.0	497.3	1106.3	2566.8	4877.2	7754.6	*8055.1*	6009.5
72.5°	217.0	220.2	242.0	272.3	329.8	654.2	1555.7	3960.8	6848.3	*7172.7*	5116.0
75°	183.0	187.2	206.9	226.6	258.5	420.2	729.7	2758.2	5150.0	*5362.8*	3557.6
77.5°	101.6	93.6	168.1	187.7	218.1	265.9	341.5	1623.2	2884.3	*2943.3*	1578.6
80°	63.3	65.4	133.5	151.0	167.5	134.0	156.4	624.9	999.9	*949.9*	305.8
82.5°	3.7	8.5	102.6	109.0	114.9	57.4	59.0	212.2	240.9	*221.3*	54.3
85°	0.0	0.0	46.8	37.8	39.9	16.5	17.0	49.5	32.4	*35.1*	10.6
87.5°	0.0	0.0	0.0	1.1	0.0	1.6	3.2	4.3	1.6	*2.1*	3.7
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: P1199871
CATALOG NUMBER: GPC-SB2B-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	987.7	987.7	987.7	987.7	987.7	987.7	987.7	987.7	987.7	987.7	987.7
2.5°	1001.0	963.7	888.2	814.3	754.2	698.3	658.4	620.7	601.5	600.5	599.4
5°	1031.3	953.1	802.1	668.6	561.1	475.0	419.1	379.2	359.0	352.1	351.0
7.5°	1073.8	956.3	726.5	540.9	414.3	340.4	308.5	295.7	291.5	286.7	285.6
10°	1127.6	963.7	659.0	435.6	326.6	289.3	276.6	271.3	268.1	264.9	263.8
12.5°	1187.7	970.7	592.0	361.7	287.2	268.1	259.0	252.6	248.4	244.7	243.6
15°	1246.2	974.9	522.3	310.1	267.0	251.6	242.0	235.1	229.2	225.0	224.4
17.5°	1304.1	980.8	456.9	279.2	250.5	235.1	225.5	217.0	212.2	207.4	206.9
20°	1368.5	979.7	395.2	257.4	234.0	218.6	208.5	200.5	195.7	190.4	189.9
22.5°	1428.1	974.4	340.9	238.8	217.0	202.1	190.9	183.0	178.2	173.9	173.4
25°	1496.7	970.1	295.7	221.8	201.0	186.2	173.9	166.5	161.2	157.4	156.9
27.5°	1562.6	963.7	262.7	206.4	185.6	171.3	159.6	151.0	146.3	143.6	143.6
30°	1627.5	962.1	250.5	191.5	171.8	157.4	145.7	137.8	134.0	133.0	132.4
32.5°	1705.7	966.4	255.8	186.2	159.0	144.7	133.5	127.6	123.9	123.9	123.9
35°	1789.2	965.3	263.8	190.9	150.5	131.9	123.4	119.7	115.9	115.9	115.9
37.5°	1894.0	966.9	270.2	198.9	147.3	121.3	116.5	111.7	109.6	109.6	109.6
40°	2050.3	1019.6	267.0	205.8	146.3	113.8	104.2	102.6	101.1	101.1	101.1
42.5°	2241.8	1133.9	271.3	206.4	145.7	108.5	95.7	98.9	95.2	94.7	94.1
45°	2451.4	1258.9	298.4	195.2	145.2	105.8	91.5	95.2	89.4	89.4	89.4
47.5°	2659.3	1382.8	326.0	179.2	143.6	105.3	87.8	85.6	84.0	84.6	84.6
50°	2946.0	1483.9	336.7	157.4	139.9	104.2	80.8	81.4	80.3	81.4	81.4
52.5°	3258.2	1505.2	323.9	133.0	129.2	101.1	76.1	78.2	77.7	78.7	78.7
55°	3452.9	1482.3	267.5	110.6	112.8	88.3	71.3	75.5	75.5	75.5	75.5
57.5°	3653.9	1385.0	189.9	89.9	93.6	72.3	67.0	72.9	72.3	71.8	71.8
60°	3798.6	1227.5	125.0	73.9	74.5	59.6	62.2	68.6	68.1	65.4	65.4
62.5°	3906.5	1053.6	80.3	62.8	56.9	53.7	56.9	62.2	60.1	54.3	53.2
65°	3894.3	812.7	61.7	53.7	46.8	46.8	49.5	54.3	47.9	38.3	37.2
67.5°	*3667.2*	*549.9*	*51.1*	*45.2*	*39.4*	*38.8*	*41.0*	*45.2*	*41.0*	*32.4*	*31.4*
70°	3261.4	359.5	41.0	35.1	31.4	28.7	33.0	38.8	34.6	26.1	25.0
72.5°	2647.1	219.1	30.8	25.5	22.9	18.6	26.1	31.9	27.7	19.1	18.1
75°	1712.6	111.7	21.3	16.5	12.2	11.2	19.1	23.9	19.1	11.7	10.1
77.5°	655.3	46.8	11.7	7.4	6.4	5.3	10.6	14.4	8.0	2.7	2.1
80°	126.1	19.7	5.9	3.7	3.2	2.1	1.6	1.1	0.0	0.0	0.0
82.5°	21.8	6.4	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	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

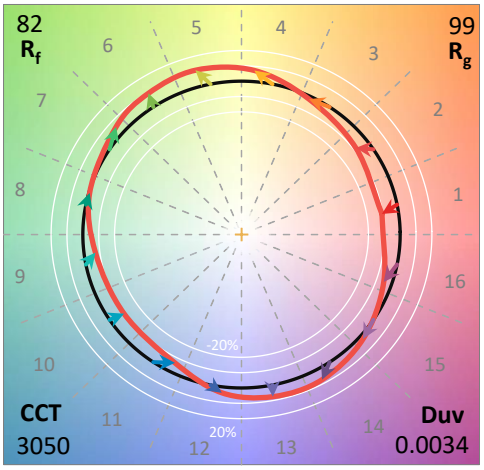
Test Information

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

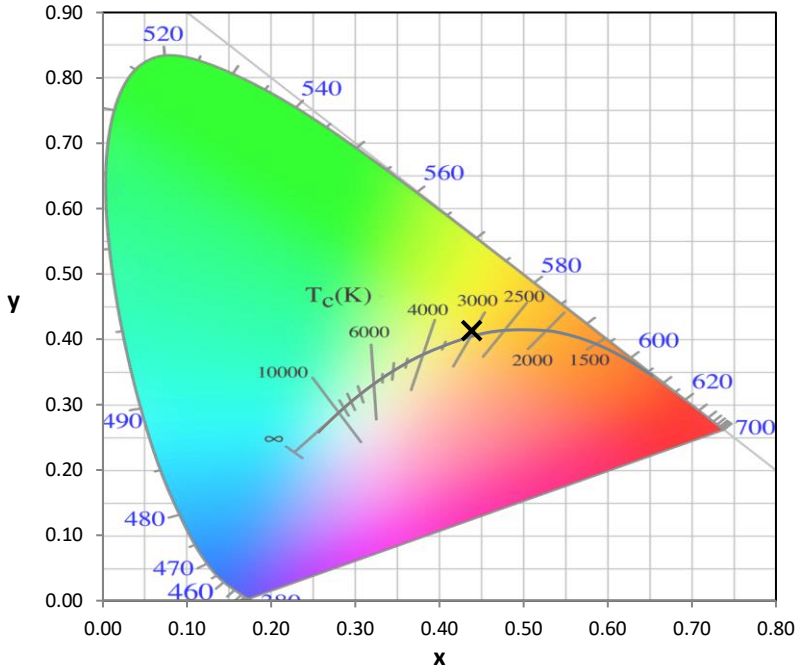
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

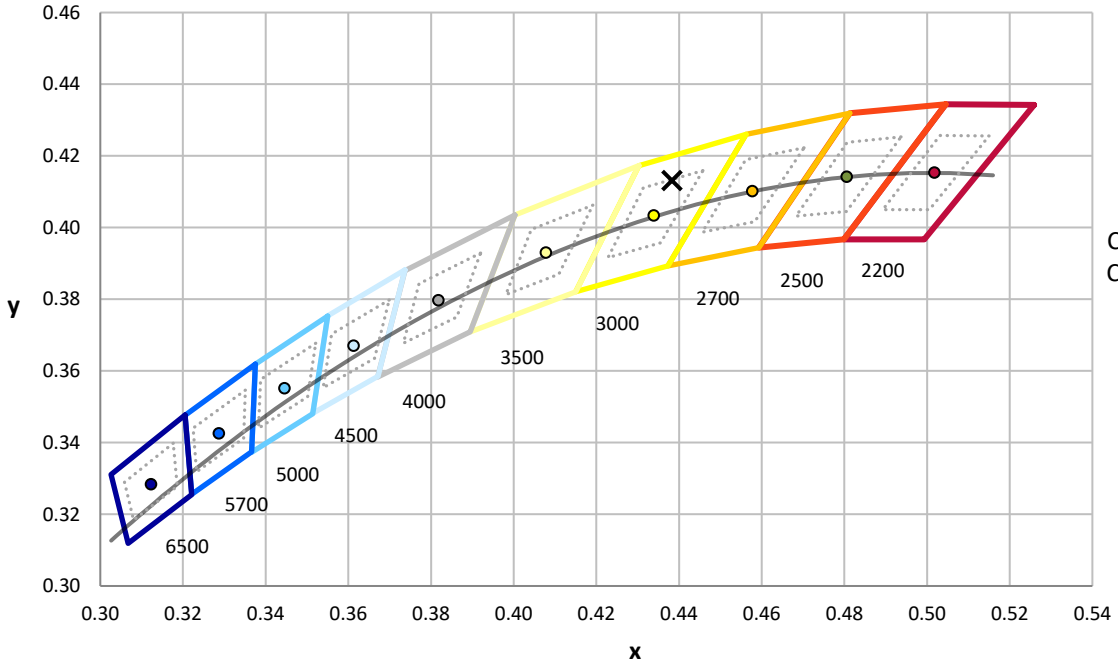
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

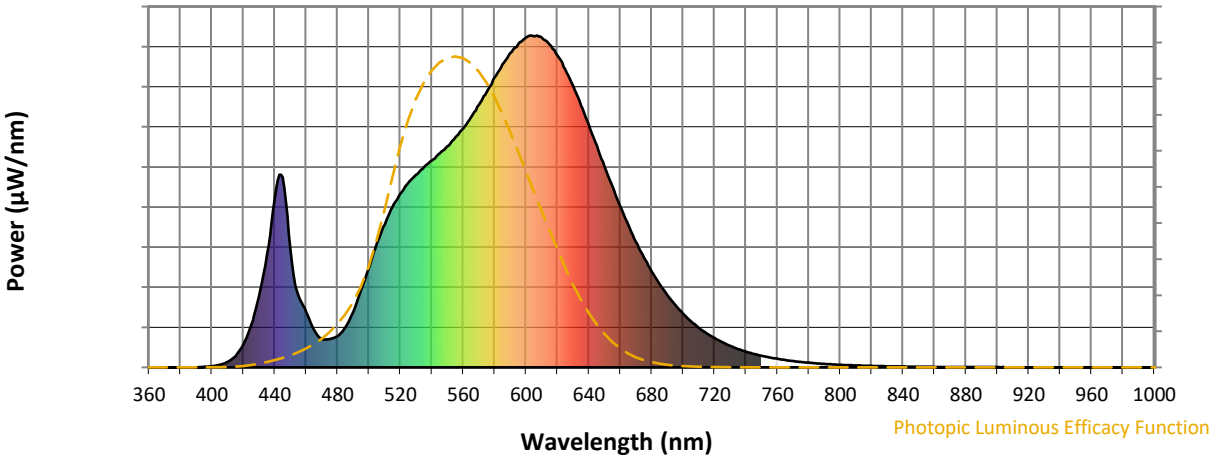


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

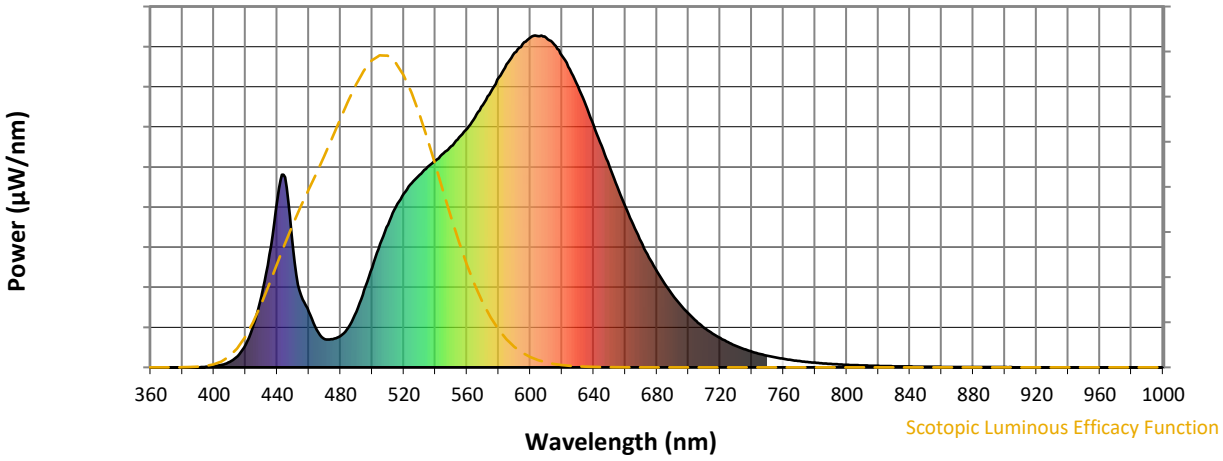


Photopic Lumens: NR

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

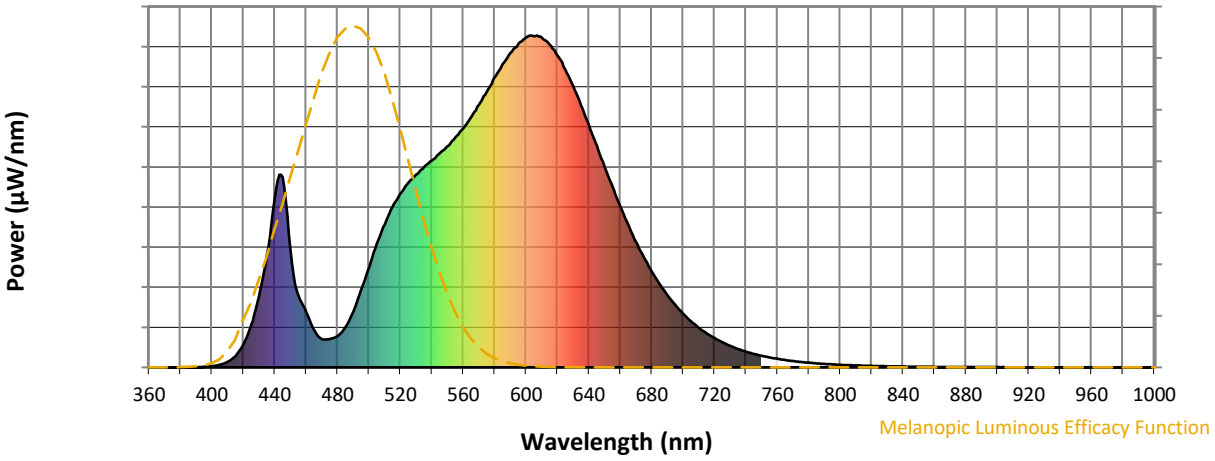


Scotopic Lumens: NR **S/P: 1.27**

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			

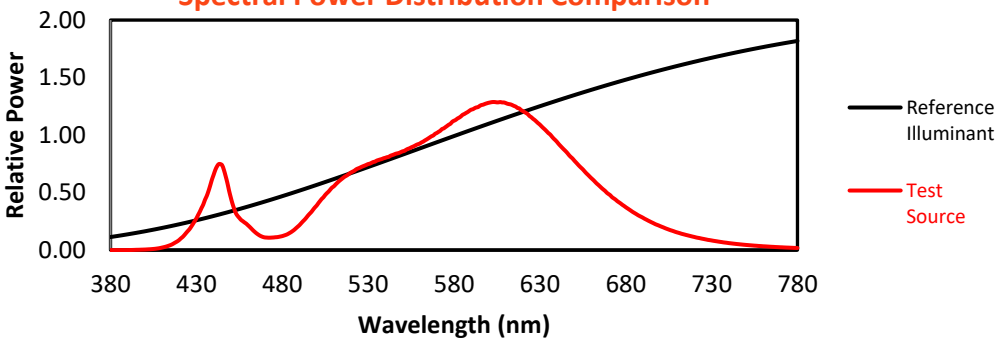
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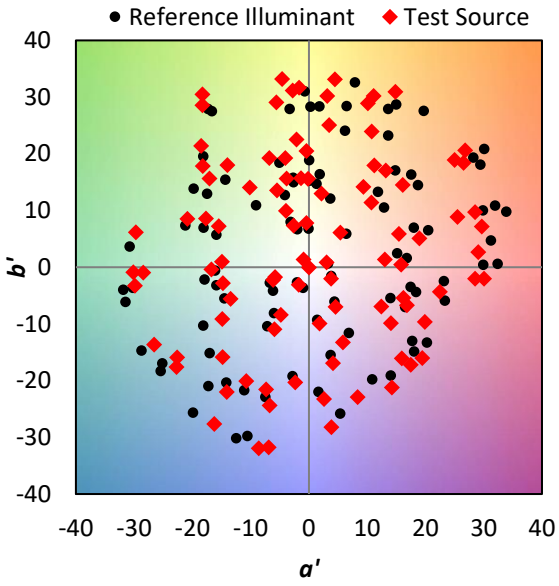
Summary

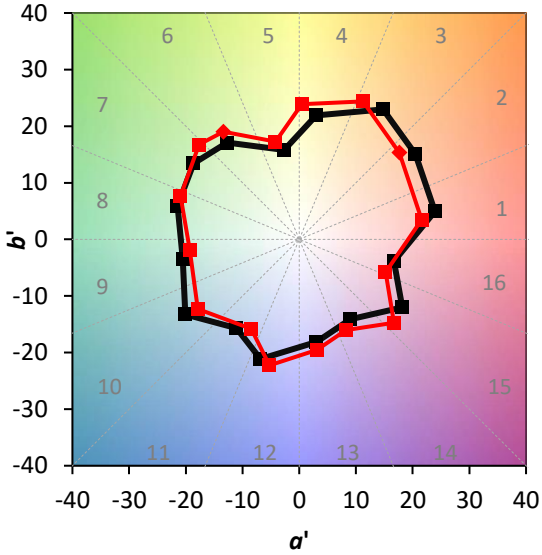
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

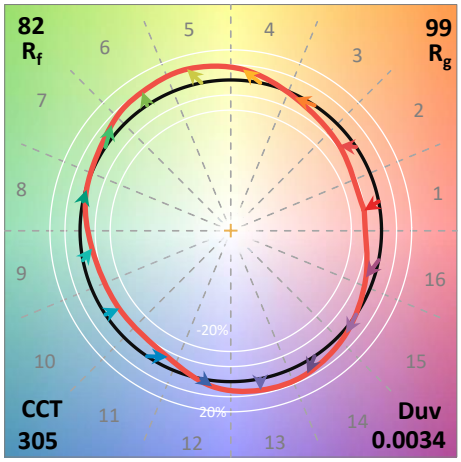
Spectral Power Distribution Comparison

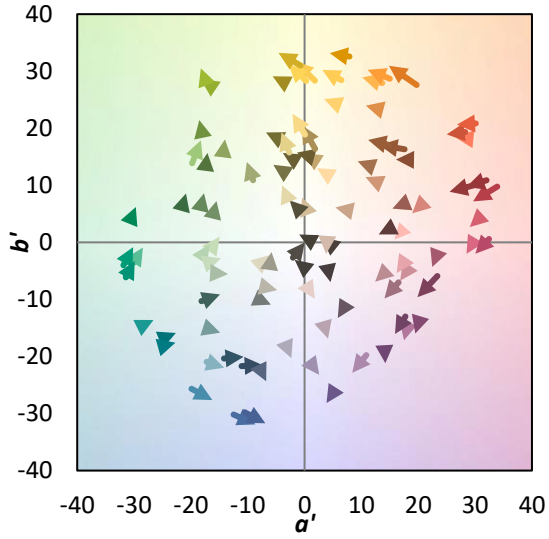


Color Vector Graphics







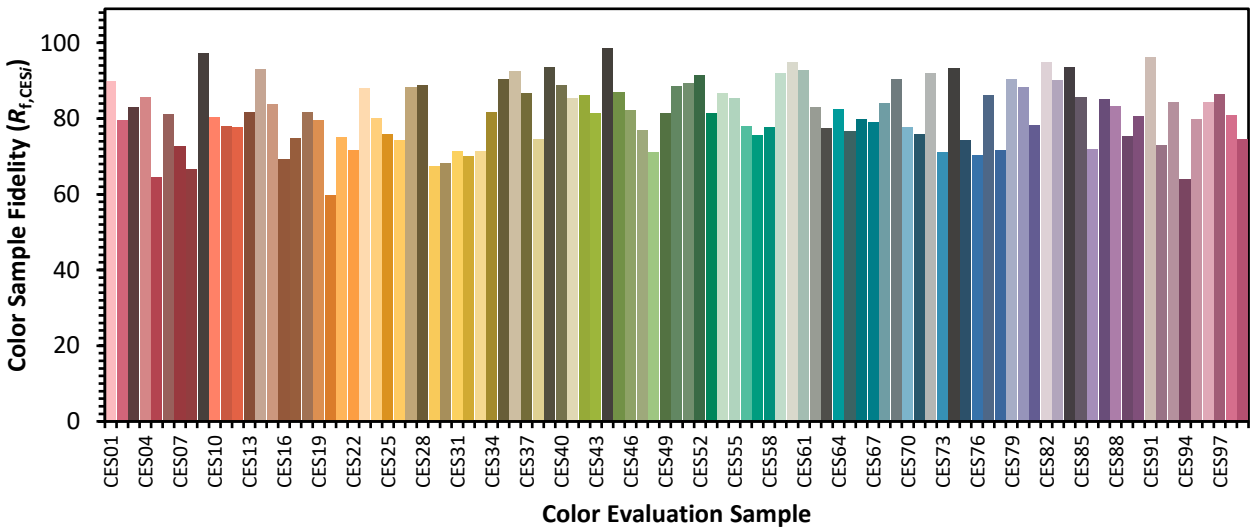


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Individual Sample Fidelity Index ($R_{f,i}$)

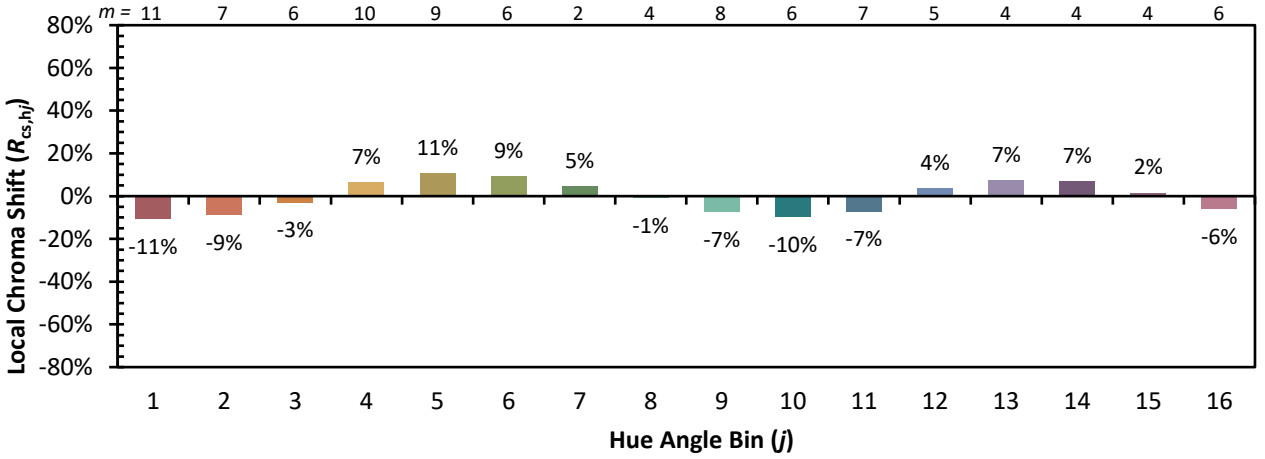
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

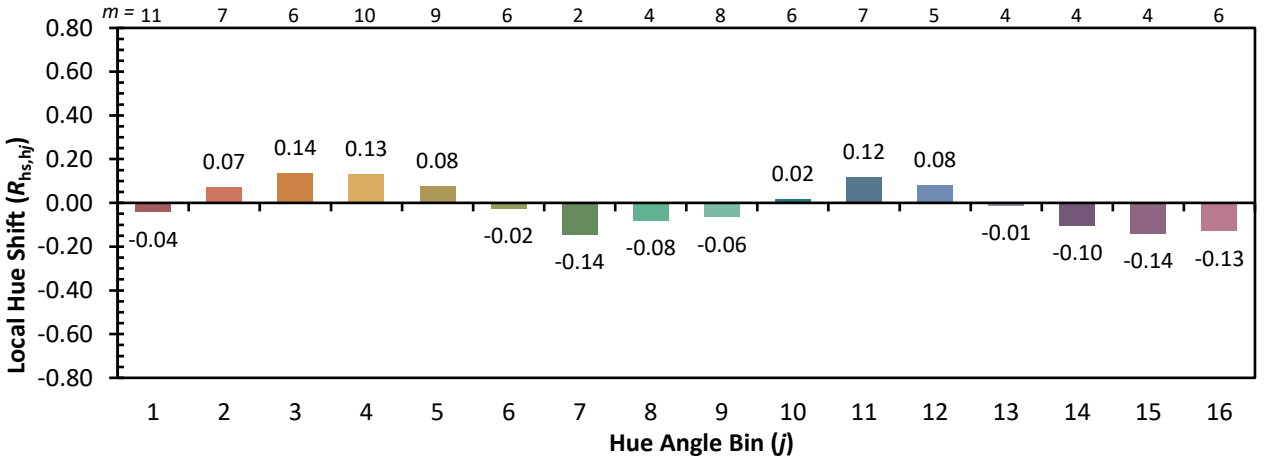


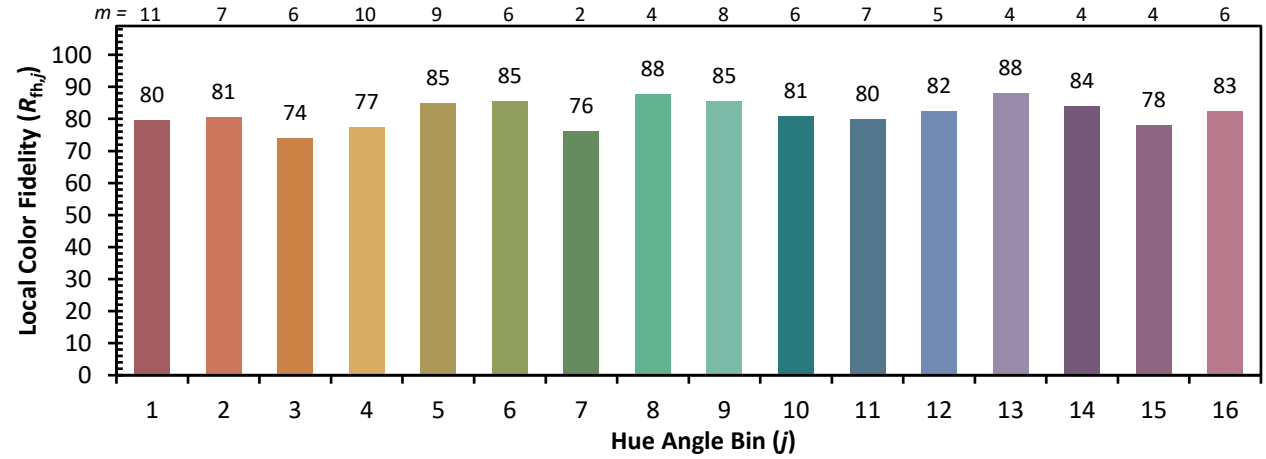
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Color Rendition by Hue-Angle Bin



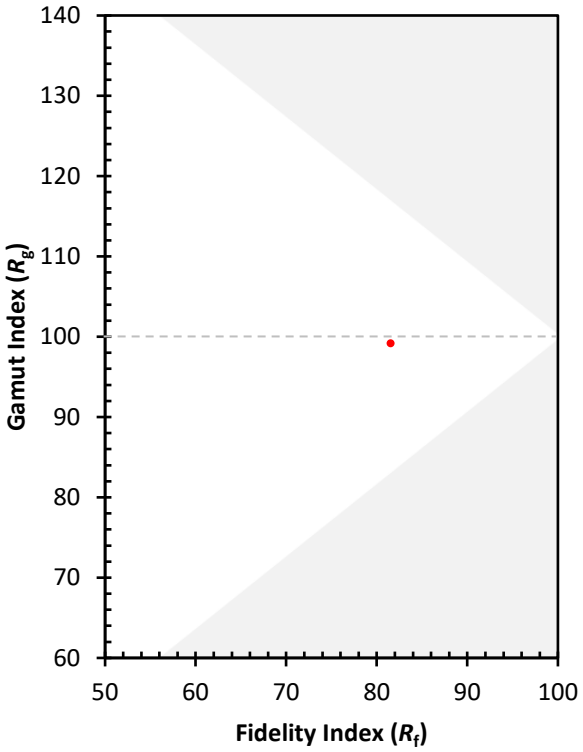


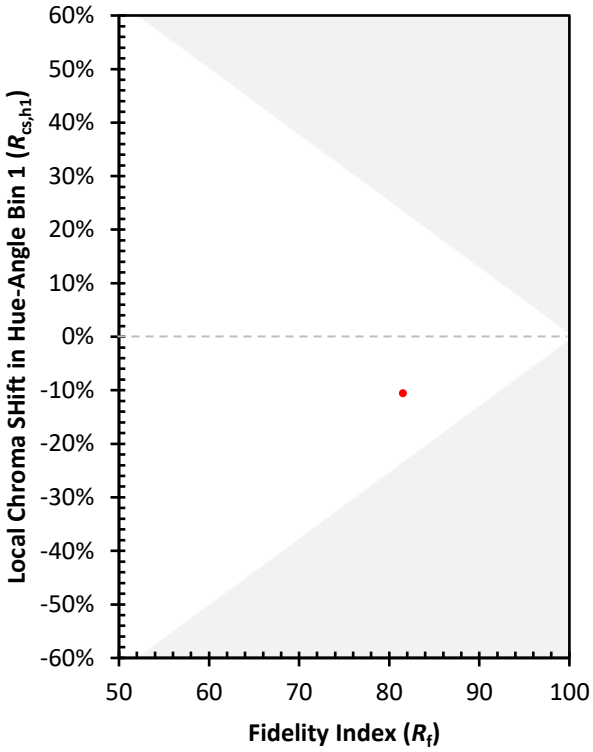


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Measure Comparisons





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