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: P1198443

Luminaire Tested: GPC-SB1C-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:	P1198443
	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-SB1C-830-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 615mA 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:	5727 lumens
Efficiency:	N/A
Efficacy:	105.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

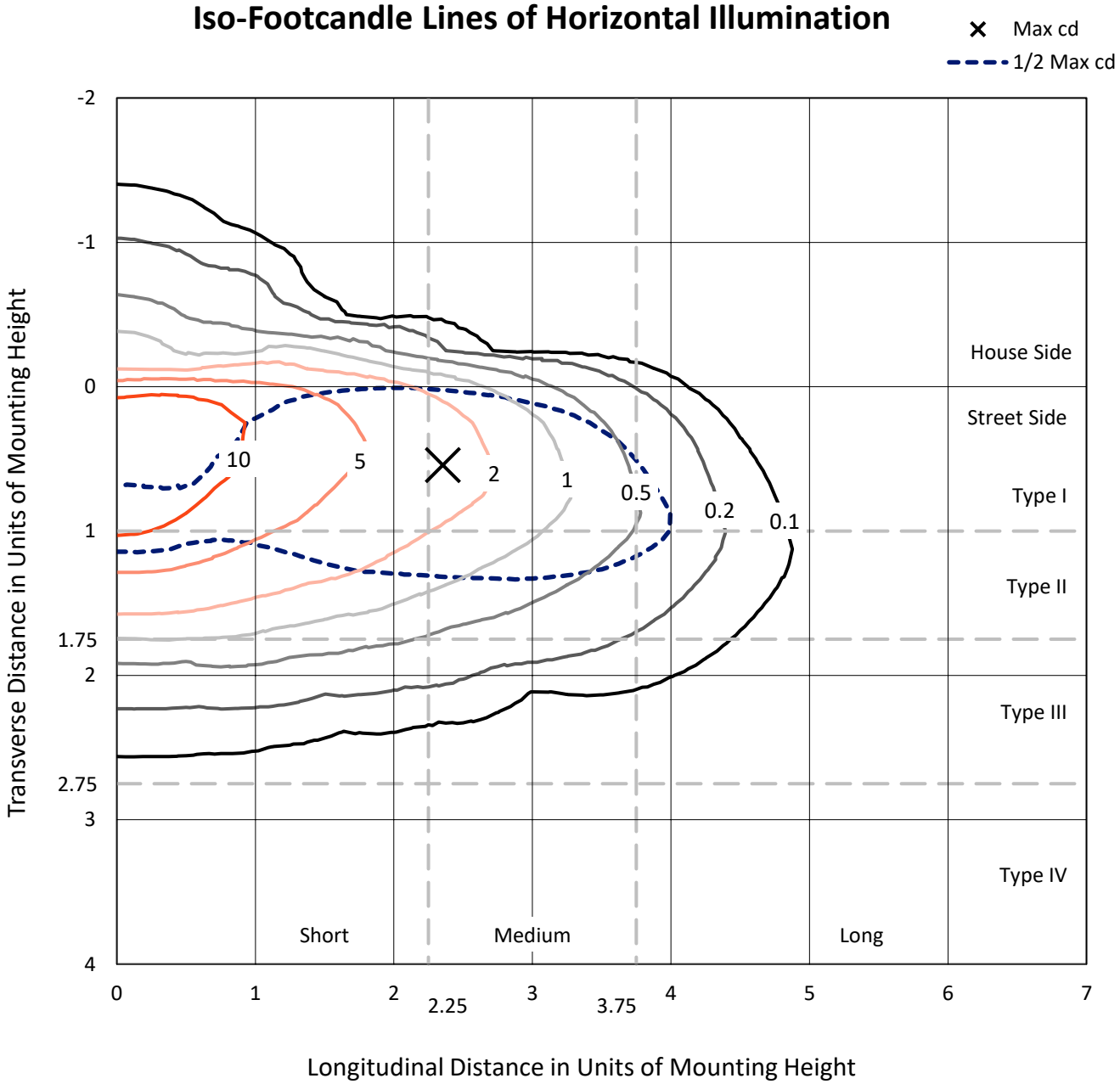


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REPORT NUMBER: P1198443
CATALOG NUMBER: GPC-SB1C-830-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination



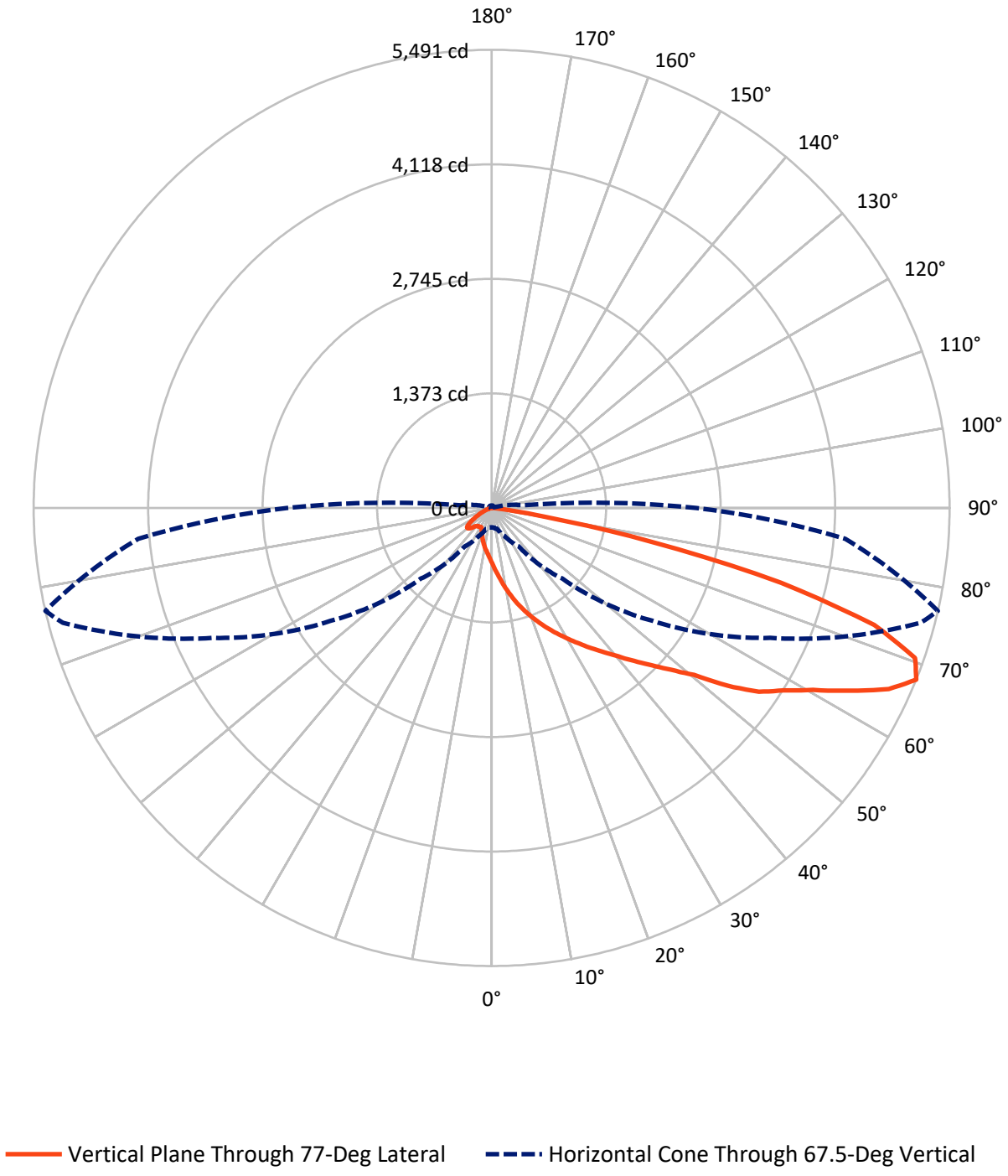
Based on 10 foot mounting height. Maximum calculated value = 15.4 fc
Type II - Medium - N/A

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REPORT NUMBER: P1198443
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Luminous Intensity Polar Plot



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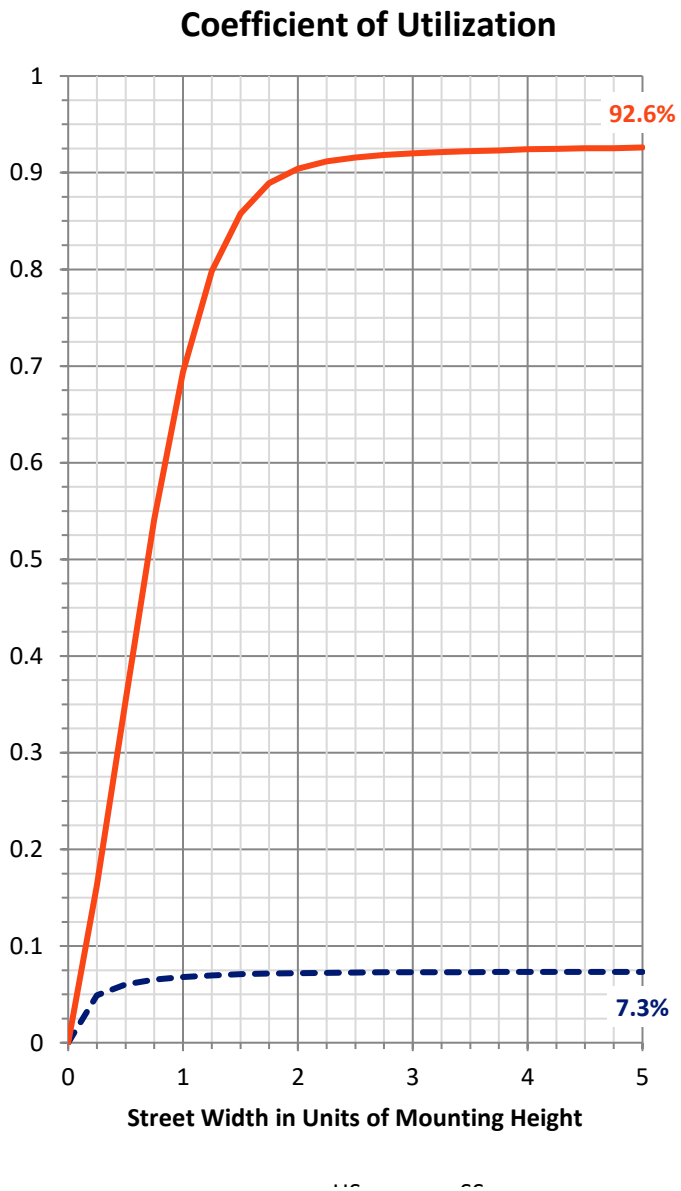
REPORT NUMBER: P1198443
CATALOG NUMBER: GPC-SB1C-830-U-T2R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	421.3	0.0	421.3
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	5305.7	0.0	5305.7
	% Fixture	92.6	0.0	92.6
Total	Lumens	5727.0	0.0	5727.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.4	1.2
10°-20°	236.0	4.1
20°-30°	455.5	8.0
30°-40°	790.8	13.8
40°-50°	1148.2	20.0
50°-60°	1318.5	23.0
60°-70°	1144.7	20.0
70°-80°	539.2	9.4
80°-90°	26.7	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°	5727.0	100.0
0°-180°	5727.0	100.0



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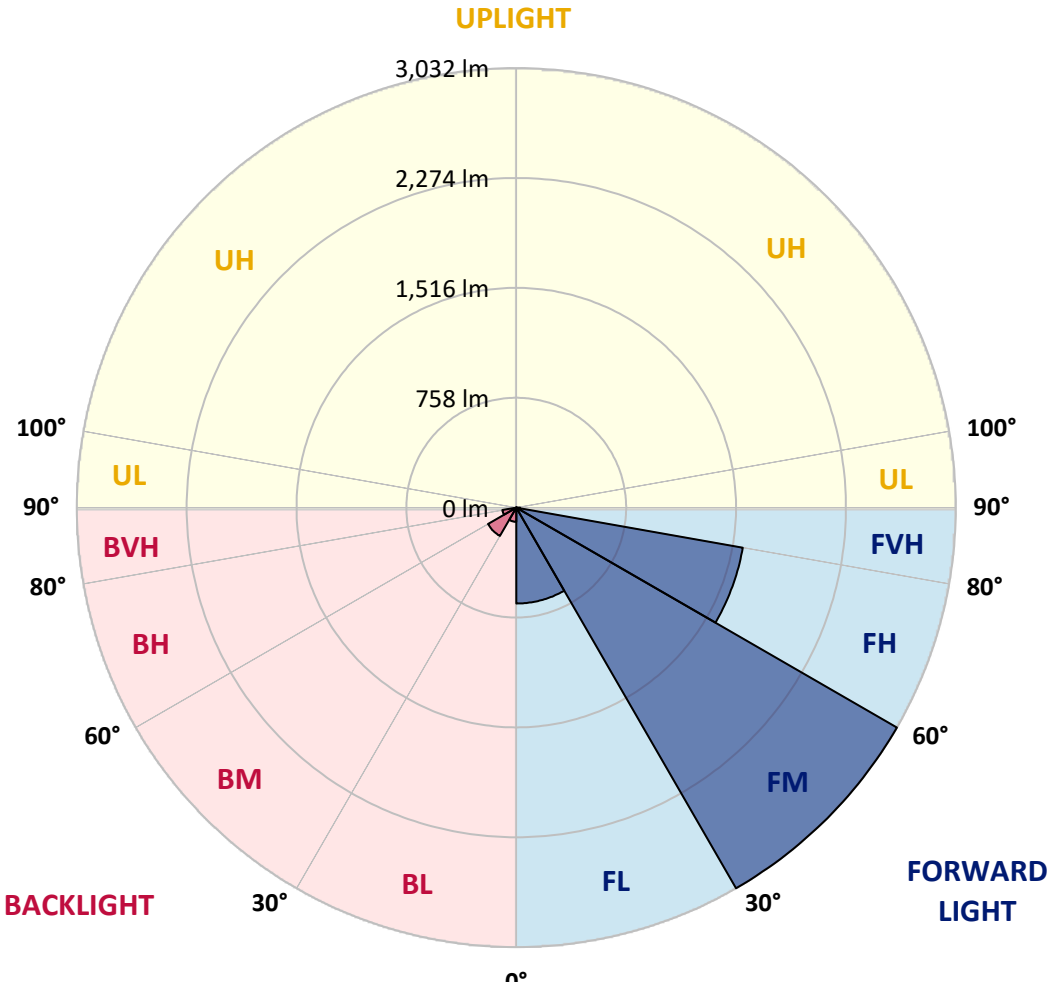
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	661.4	11.5			
FM	(30°-60°)	3031.7	52.9			
FH	(60°-80°)	1586.4	27.7			G1/1800
FVH	(80°-90°)	26.2	0.5			G1/100
BL	(0°-30°)	97.5	1.7	B0/110		
BM	(30°-60°)	225.8	3.9	B1/1000		
BH	(60°-80°)	97.5	1.7	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G1
Type II Medium



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REPORT NUMBER: P1198443
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	660.4	660.4	660.4	660.4	660.4	660.4	660.4	660.4	660.4	*660.4*	660.4
2.5°	914.3	920.0	911.8	896.2	872.7	857.4	820.1	784.9	745.8	*733.3*	694.2
5°	1114.5	1119.5	1110.3	1093.2	1061.9	1032.0	983.0	909.3	832.9	*808.3*	739.0
7.5°	1262.8	1265.7	1262.1	1246.5	1216.6	1182.8	1128.1	1040.9	927.5	*900.5*	794.1
10°	1369.5	1378.8	1377.7	1371.7	1351.8	1324.4	1266.0	1166.8	1033.5	*998.6*	856.4
12.5°	1440.3	1450.6	1456.7	1470.2	1469.1	1451.7	1400.5	1295.6	1139.1	*1098.2*	926.4
15°	1460.9	1472.0	1495.1	1526.4	1554.1	1563.0	1527.1	1421.8	1255.4	*1203.1*	998.3
17.5°	1449.2	1466.3	1494.0	1543.4	1604.3	1644.4	1640.5	1543.8	1361.0	*1301.3*	1068.7
20°	1475.2	1491.5	1513.2	1554.8	1625.6	1698.5	1727.7	1660.4	1465.9	*1403.3*	1142.6
22.5°	1618.8	1616.0	1618.1	1624.9	1667.2	1739.4	1799.5	1766.4	1569.8	*1505.7*	1220.9
25°	1846.4	1833.6	1811.9	1775.3	1764.6	1799.5	1862.1	1860.3	1679.3	*1610.7*	1300.9
27.5°	2107.5	2105.3	2054.5	1966.3	1916.5	1903.0	1932.9	1951.7	1787.8	*1714.5*	1381.3
30°	2357.5	2363.2	2294.5	2196.4	2105.0	2052.0	2025.0	2038.5	1898.0	*1826.5*	1464.1
32.5°	2575.1	2581.2	2506.5	2391.6	2278.5	2214.5	2157.6	2124.2	2018.2	*1940.3*	1555.2
35°	2759.0	2765.0	2679.3	2552.4	2431.8	2373.8	2309.5	2218.1	2139.1	*2066.6*	1656.5
37.5°	2923.3	2921.5	2806.6	2678.6	2560.2	2514.3	2480.5	2333.7	2263.6	*2193.5*	1768.9
40°	3020.4	3027.8	2929.7	2788.5	2673.6	2640.2	2638.1	2477.0	2407.3	*2339.3*	1892.0
42.5°	3048.8	3062.0	2990.9	2874.9	2770.7	2734.4	2790.3	2632.0	2574.4	*2508.3*	2031.0
45°	2997.6	3010.4	2978.1	2897.7	2836.9	2813.4	2921.2	2792.8	2752.9	*2687.5*	2187.8
47.5°	2848.3	2864.3	2872.1	2855.0	2854.3	2878.1	3038.5	2962.1	2964.9	*2898.0*	2369.6
50°	2559.1	2586.2	2658.0	2718.4	2812.0	2929.3	3152.7	3145.6	3203.9	*3146.3*	2606.4
52.5°	2033.5	2071.9	2319.4	2484.8	2695.0	2919.7	3278.2	3440.0	3623.2	*3538.9*	2940.4
55°	1634.1	1634.1	1835.4	2144.8	2466.7	2856.4	3333.0	3631.4	3908.7	*3888.8*	3175.4
57.5°	1332.2	1348.2	1476.6	1750.1	2136.3	2705.6	3366.8	3751.6	4138.8	*4124.3*	3405.2
60°	822.2	856.7	1099.3	1369.2	1760.4	2437.1	3345.4	3873.2	4418.0	*4429.7*	3681.9
62.5°	463.0	475.8	583.9	985.1	1368.8	2076.2	3182.2	3941.1	4775.1	*4824.8*	3967.1
65°	319.7	326.1	367.7	613.1	948.8	1653.0	2863.2	3898.8	5132.8	*5233.5*	4208.9
67.5°	*232.2*	*235.4*	*261.4*	*374.5*	*563.0*	*1198.5*	*2363.2*	*3685.4*	*5322.4*	*5490.6*	*4255.1*
70°	178.5	180.7	199.5	246.1	332.5	739.7	1716.3	3261.1	5185.1	*5386.0*	4018.3
72.5°	145.1	147.2	161.8	182.1	220.5	437.4	1040.2	2648.4	4579.1	*4796.0*	3420.8
75°	122.3	125.2	138.3	151.5	172.8	280.9	487.9	1844.3	3443.6	*3585.8*	2378.8
77.5°	67.9	62.6	112.4	125.5	145.8	177.8	228.3	1085.4	1928.6	*1968.1*	1055.5
80°	42.3	43.7	89.3	101.0	112.0	89.6	104.6	417.9	668.6	*635.2*	204.5
82.5°	2.5	5.7	68.6	72.9	76.8	38.4	39.5	141.9	161.1	*147.9*	36.3
85°	0.0	0.0	31.3	25.2	26.7	11.0	11.4	33.1	21.7	*23.5*	7.1
87.5°	0.0	0.0	0.0	0.7	0.0	1.1	2.1	2.8	1.1	*1.4*	2.5
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: P1198443
CATALOG NUMBER: GPC-SB1C-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	660.4	660.4	660.4	660.4	660.4	660.4	660.4	660.4	660.4	660.4	660.4
2.5°	669.3	644.4	593.9	544.5	504.3	466.9	440.3	415.0	402.2	401.5	400.8
5°	689.6	637.3	536.3	447.0	375.2	317.6	280.2	253.6	240.1	235.4	234.7
7.5°	718.0	639.4	485.8	361.7	277.0	227.6	206.3	197.7	194.9	191.7	191.0
10°	753.9	644.4	440.6	291.3	218.4	193.5	184.9	181.4	179.2	177.1	176.4
12.5°	794.1	649.0	395.8	241.8	192.0	179.2	173.2	168.9	166.1	163.6	162.9
15°	833.2	651.9	349.2	207.3	178.5	168.2	161.8	157.2	153.3	150.4	150.1
17.5°	872.0	655.8	305.5	186.7	167.5	157.2	150.8	145.1	141.9	138.7	138.3
20°	915.0	655.1	264.2	172.1	156.5	146.2	139.4	134.1	130.9	127.3	127.0
22.5°	954.9	651.5	228.0	159.7	145.1	135.1	127.7	122.3	119.1	116.3	115.9
25°	1000.7	648.7	197.7	148.3	134.4	124.5	116.3	111.3	107.8	105.3	104.9
27.5°	1044.8	644.4	175.7	138.0	124.1	114.5	106.7	101.0	97.8	96.0	96.0
30°	1088.2	643.3	167.5	128.0	114.9	105.3	97.4	92.1	89.6	88.9	88.6
32.5°	1140.5	646.2	171.1	124.5	106.3	96.7	89.3	85.4	82.9	82.9	82.9
35°	1196.3	645.5	176.4	127.7	100.6	88.2	82.5	80.0	77.5	77.5	77.5
37.5°	1266.4	646.5	180.7	133.0	98.5	81.1	77.9	74.7	73.3	73.3	73.3
40°	1371.0	681.7	178.5	137.6	97.8	76.1	69.7	68.6	67.6	67.6	67.6
42.5°	1499.0	758.2	181.4	138.0	97.4	72.5	64.0	66.1	63.7	63.3	62.9
45°	1639.1	841.8	199.5	130.5	97.1	70.8	61.2	63.7	59.7	59.7	59.7
47.5°	1778.2	924.6	218.0	119.8	96.0	70.4	58.7	57.3	56.2	56.5	56.5
50°	1969.8	992.2	225.1	105.3	93.5	69.7	54.1	54.4	53.7	54.4	54.4
52.5°	2178.6	1006.4	216.6	88.9	86.4	67.6	50.9	52.3	51.9	52.6	52.6
55°	2308.8	991.1	178.9	74.0	75.4	59.0	47.7	50.5	50.5	50.5	50.5
57.5°	2443.2	926.1	127.0	60.1	62.6	48.4	44.8	48.7	48.4	48.0	48.0
60°	2539.9	820.8	83.6	49.4	49.8	39.8	41.6	45.9	45.5	43.7	43.7
62.5°	2612.1	704.5	53.7	42.0	38.1	35.9	38.1	41.6	40.2	36.3	35.6
65°	2603.9	543.4	41.3	35.9	31.3	31.3	33.1	36.3	32.0	25.6	24.9
67.5°	*2452.1*	*367.7*	*34.1*	*30.2*	*26.3*	*26.0*	*27.4*	*30.2*	*27.4*	*21.7*	*21.0*
70°	2180.7	240.4	27.4	23.5	21.0	19.2	22.0	26.0	23.1	17.4	16.7
72.5°	1770.0	146.5	20.6	17.1	15.3	12.4	17.4	21.3	18.5	12.8	12.1
75°	1145.1	74.7	14.2	11.0	8.2	7.5	12.8	16.0	12.8	7.8	6.8
77.5°	438.1	31.3	7.8	5.0	4.3	3.6	7.1	9.6	5.3	1.8	1.4
80°	84.3	13.2	3.9	2.5	2.1	1.4	1.1	0.7	0.0	0.0	0.0
82.5°	14.6	4.3	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	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

0

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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

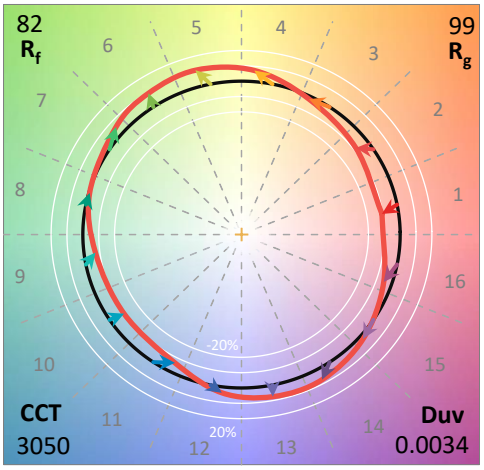
Test Information

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

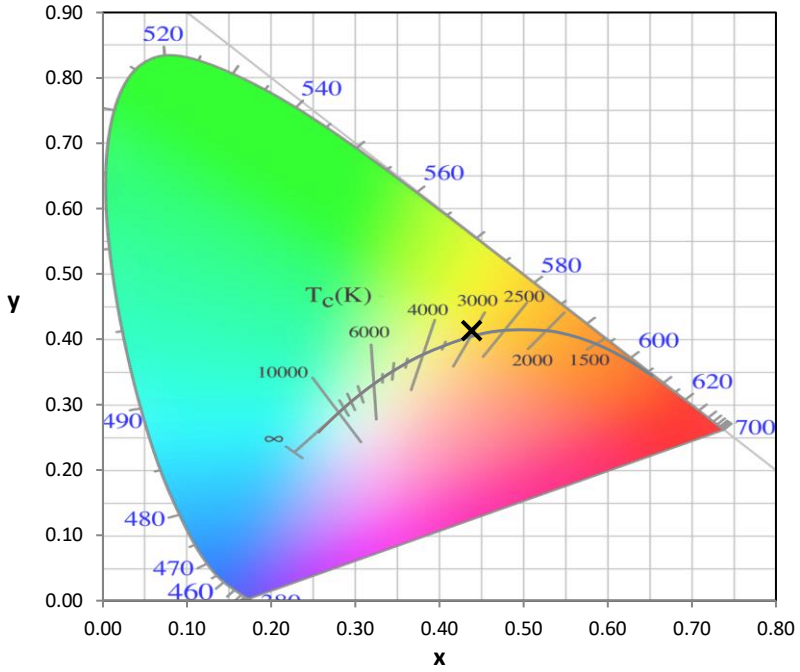
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

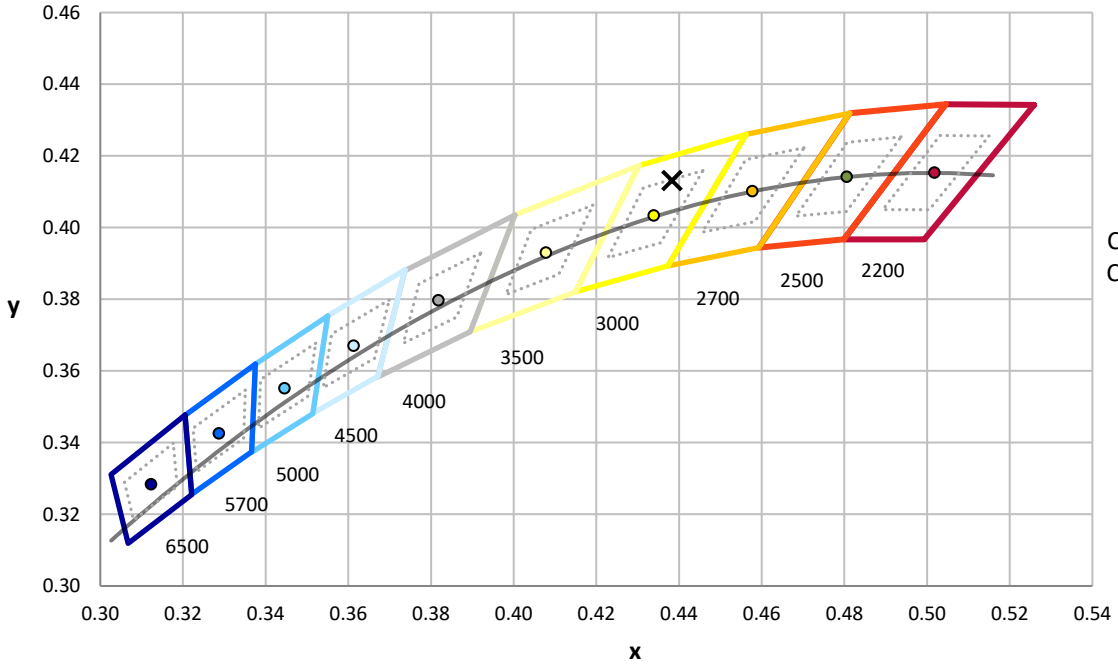
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

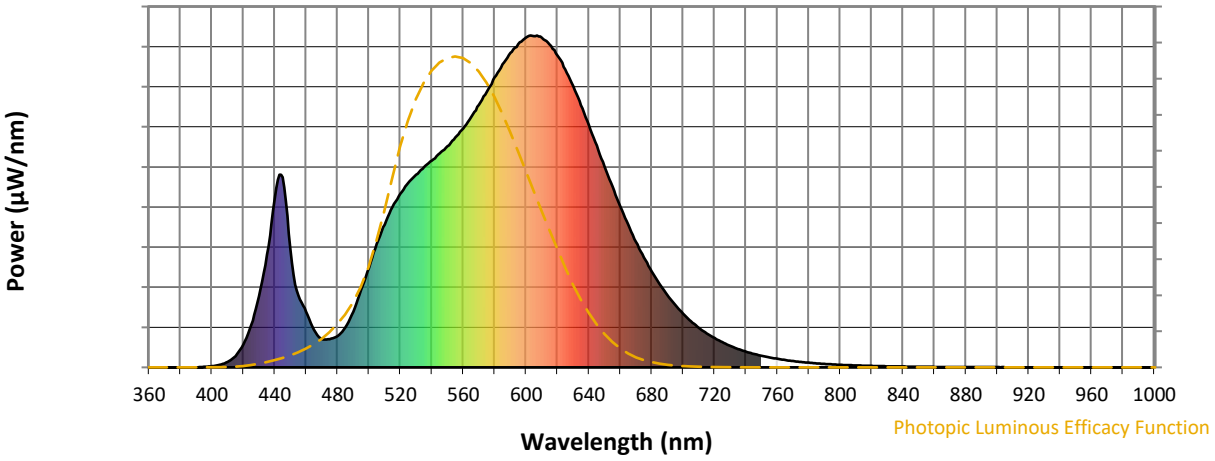


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

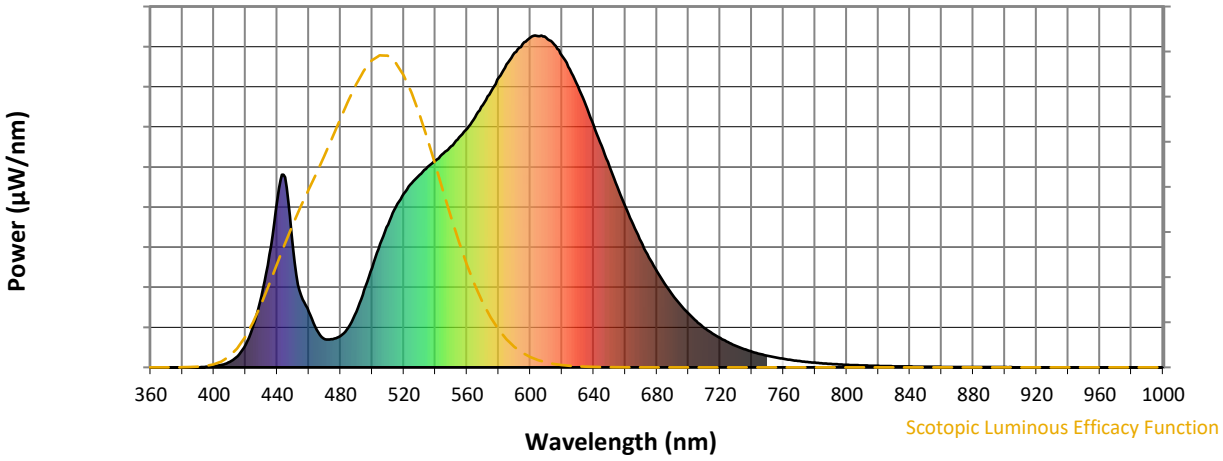


Photopic Lumens: NR

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

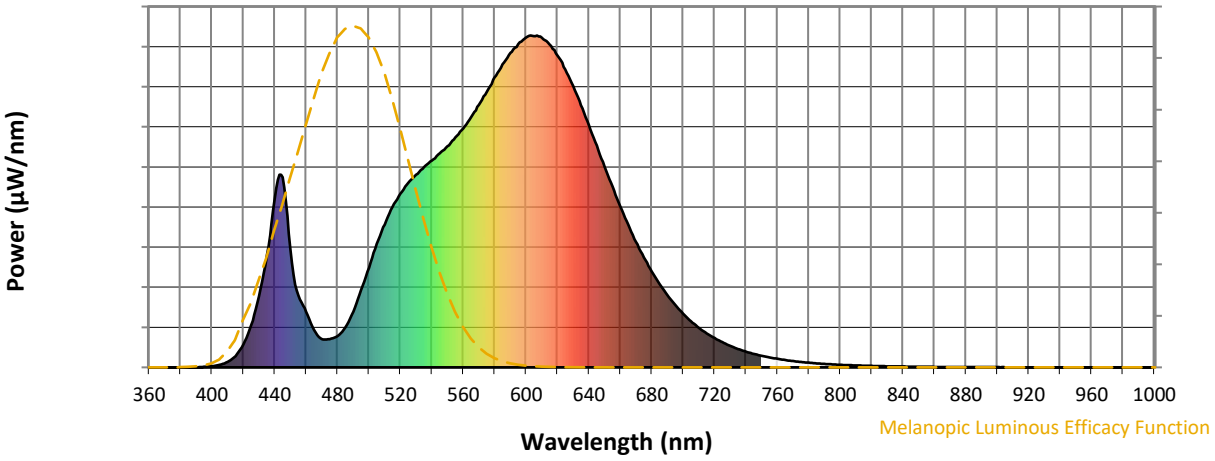


Scotopic Lumens: NR **S/P: 1.27**

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			

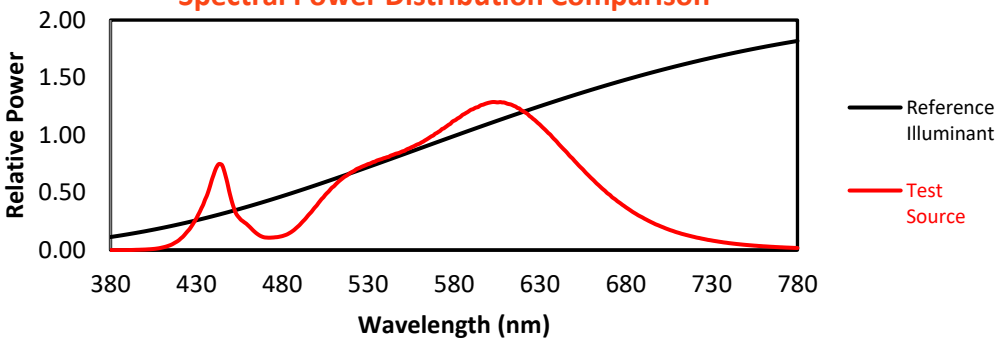
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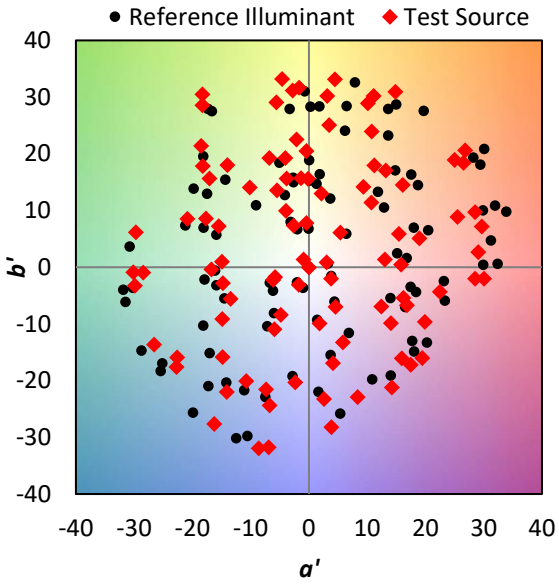
Summary

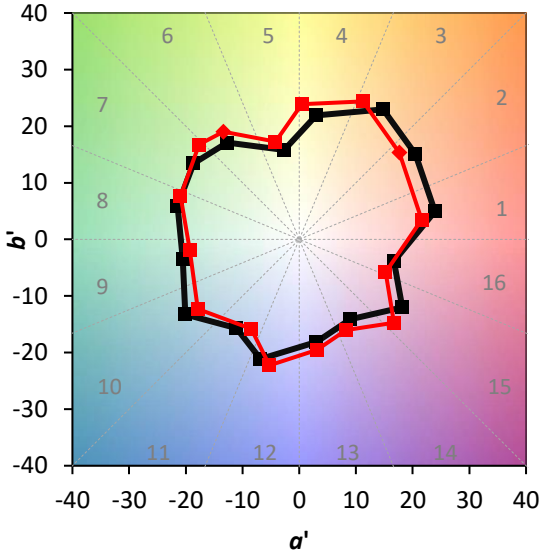
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

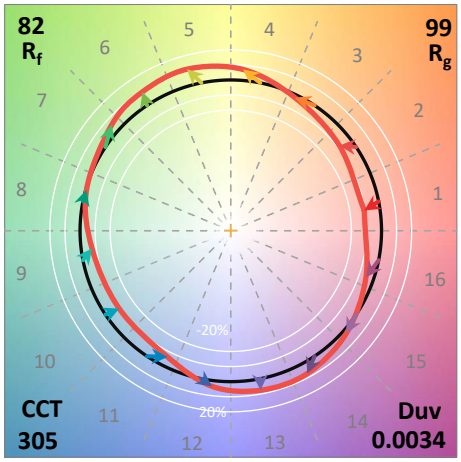
Spectral Power Distribution Comparison

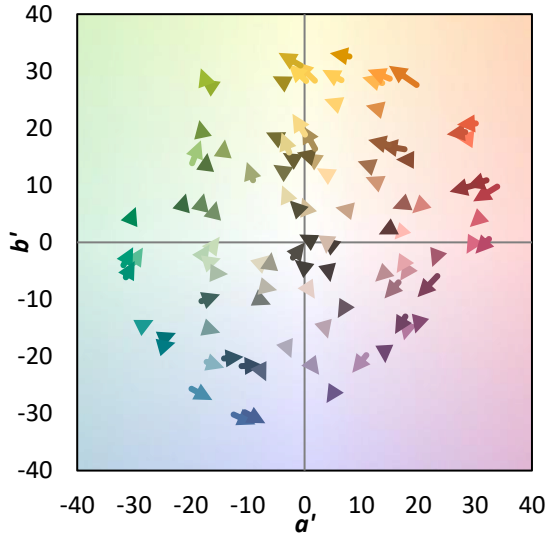


Color Vector Graphics







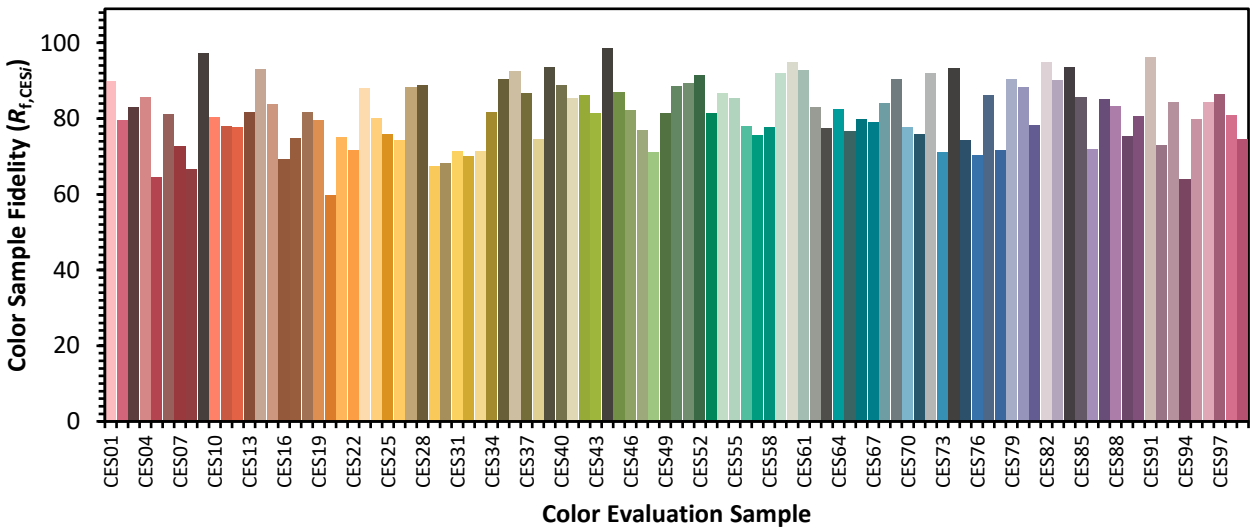


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Individual Sample Fidelity Index ($R_{f,i}$)

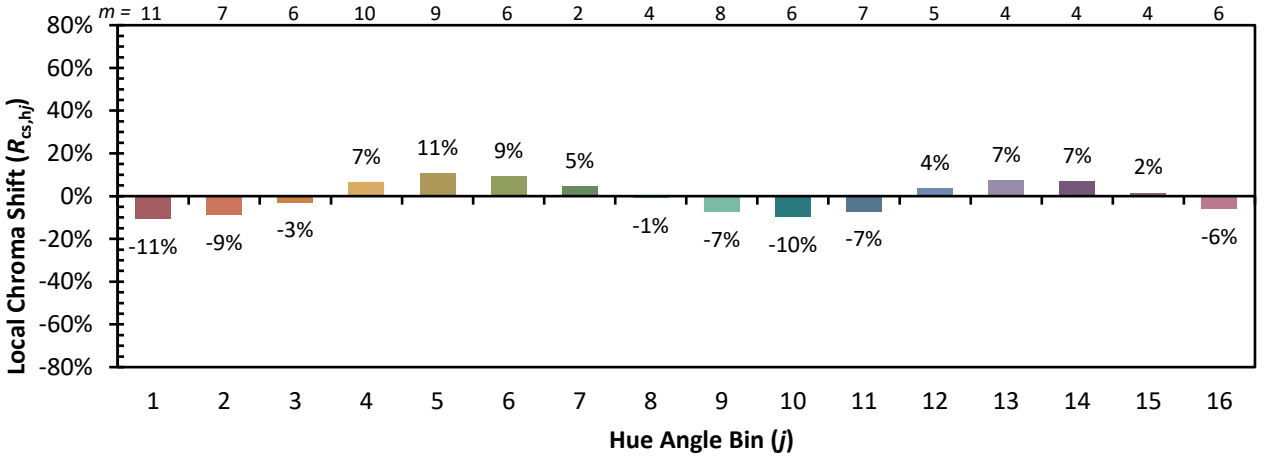
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

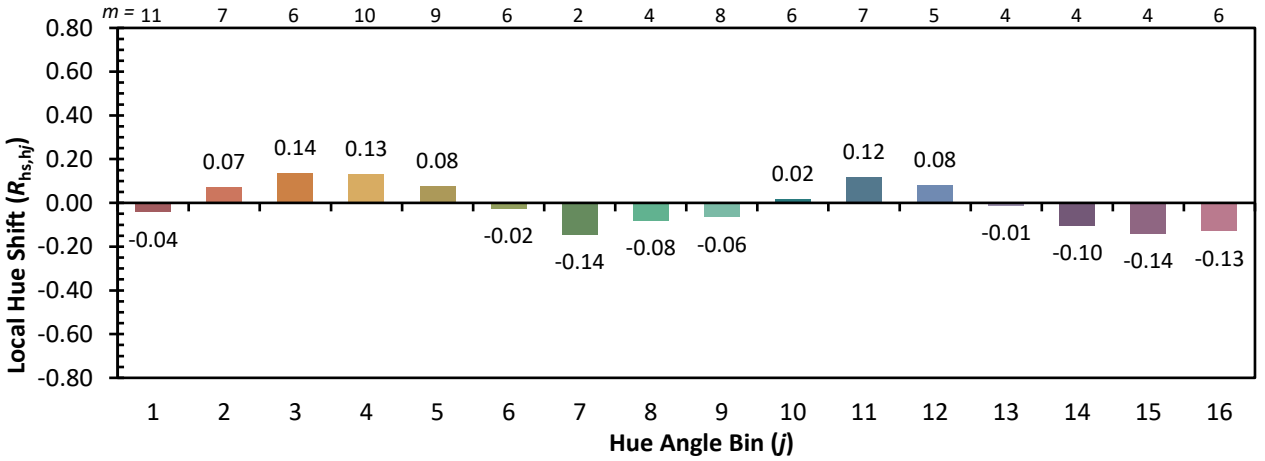


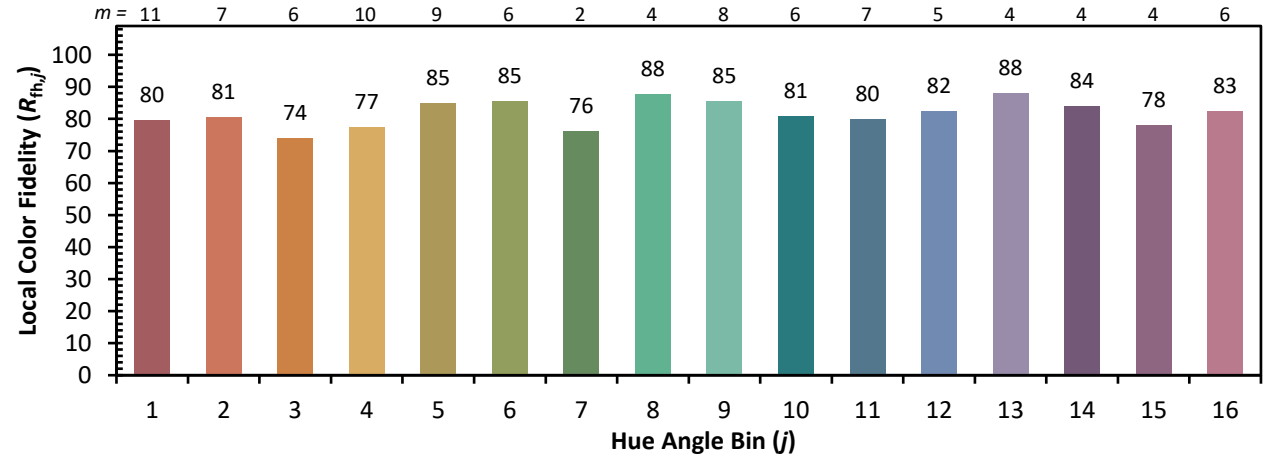
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Color Rendition by Hue-Angle Bin



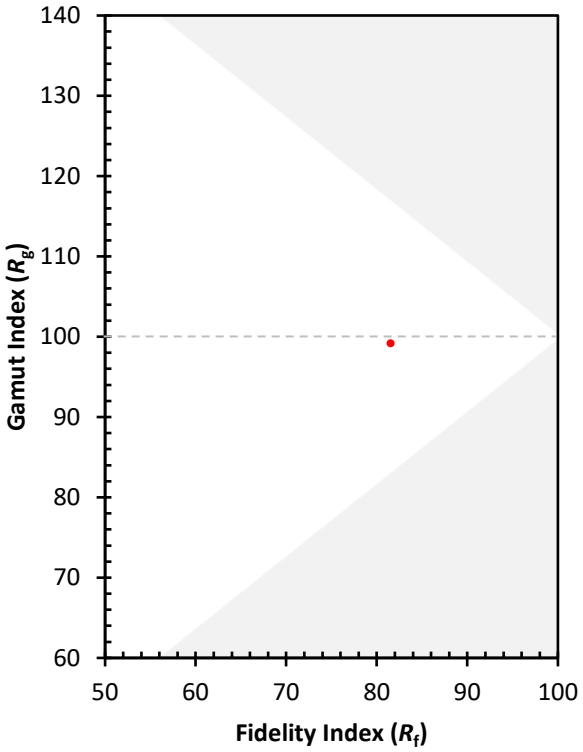


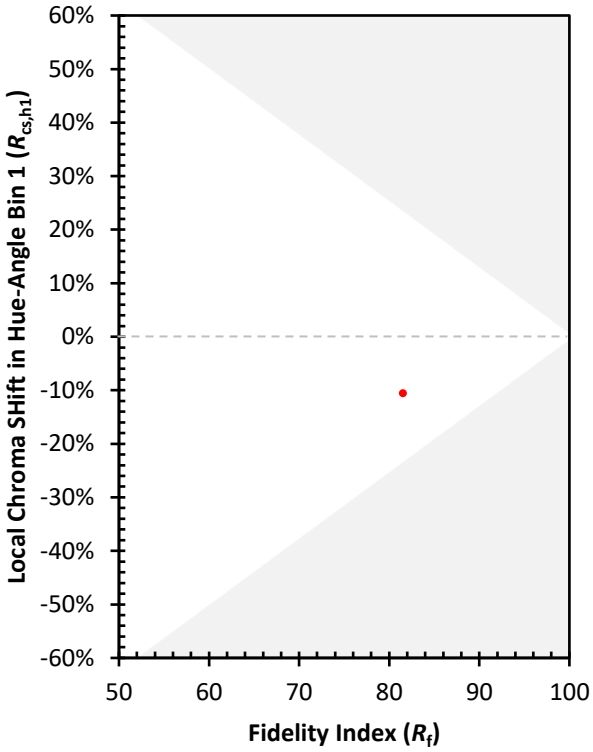


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Measure Comparisons





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