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: P1197967

Luminaire Tested: GPC-SB1B-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:	P1197967
	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-SB1B-830-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 450mA 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:	4306 lumens
Efficiency:	N/A
Efficacy:	108.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B0 - U0 - G1

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

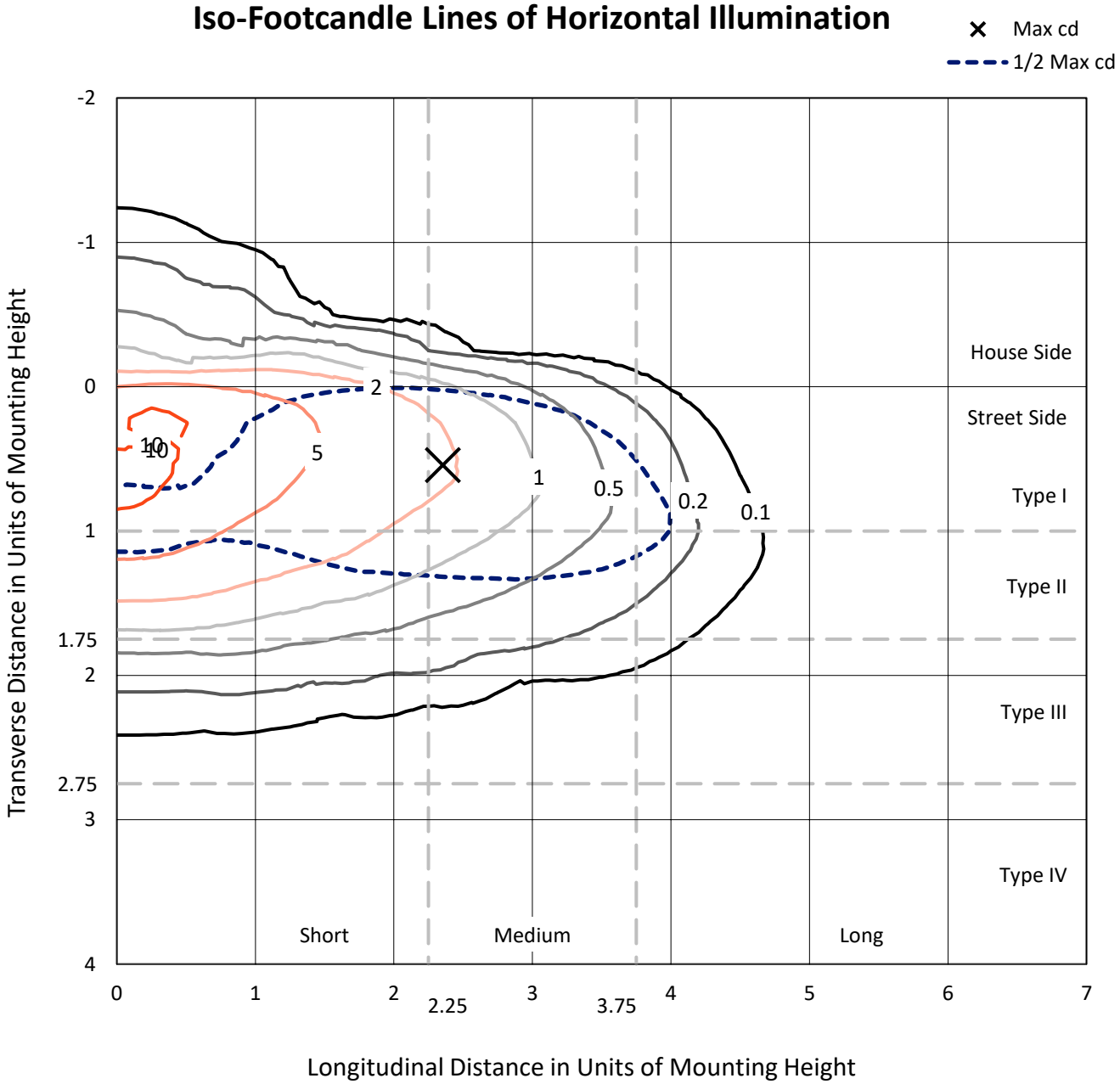


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REPORT NUMBER: P1197967
CATALOG NUMBER: GPC-SB1B-830-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination



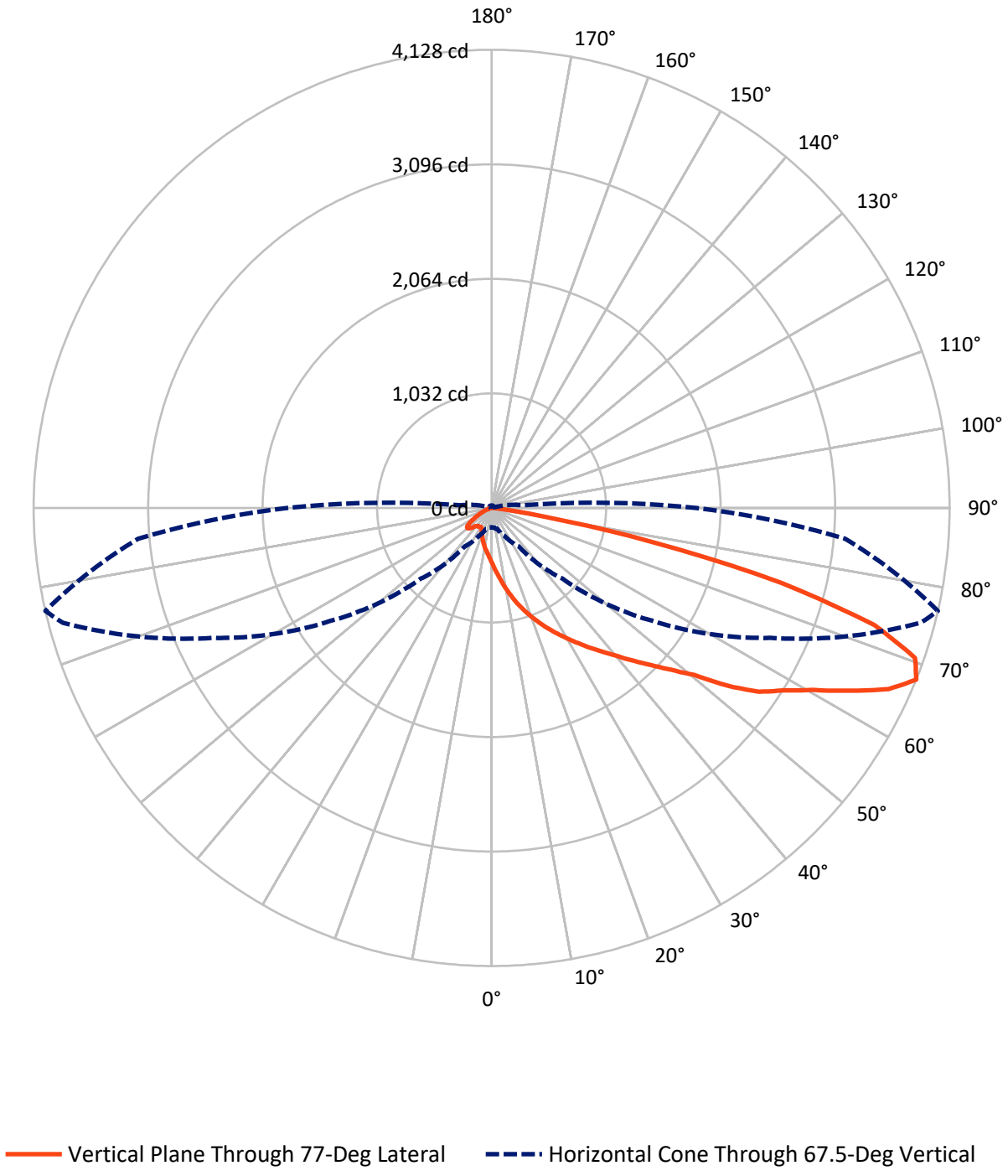
Based on 10 foot mounting height. Maximum calculated value = 11.6 fc
Type II - Medium - N/A

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REPORT NUMBER: P1197967
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Luminous Intensity Polar Plot



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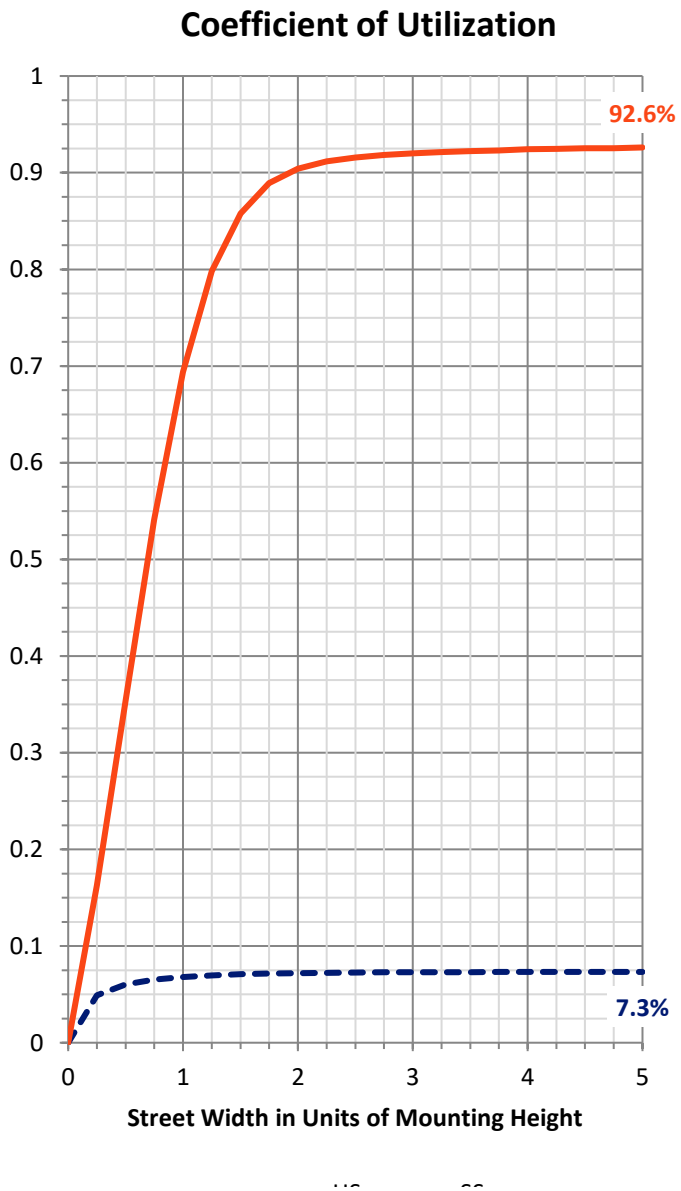
REPORT NUMBER: P1197967
CATALOG NUMBER: GPC-SB1B-830-U-T2R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	316.8	0.0	316.8
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	3989.2	0.0	3989.2
	% Fixture	92.6	0.0	92.6
Total	Lumens	4306.0	0.0	4306.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.7	1.2
10°-20°	177.5	4.1
20°-30°	342.5	8.0
30°-40°	594.6	13.8
40°-50°	863.3	20.0
50°-60°	991.4	23.0
60°-70°	860.7	20.0
70°-80°	405.4	9.4
80°-90°	20.0	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°	4306.0	100.0
0°-180°	4306.0	100.0



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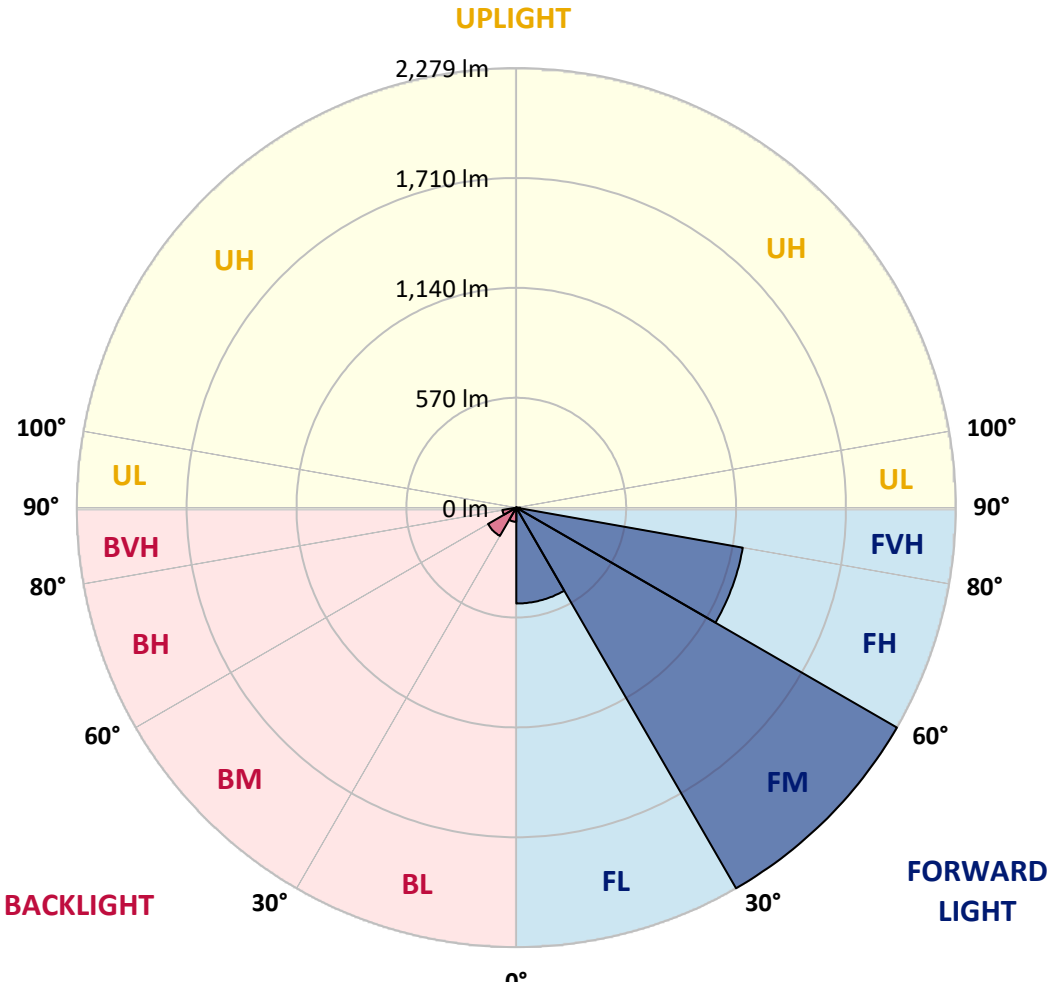
Scaled Data Report

REPORT NUMBER: P1197967
CATALOG NUMBER: GPC-SB1B-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°)	497.3	11.5			
FM	(30°-60°)	2279.5	52.9			
FH	(60°-80°)	1192.8	27.7			G1/1800
FVH	(80°-90°)	19.7	0.5			G1/100
BL	(0°-30°)	73.3	1.7	B0/110		
BM	(30°-60°)	169.7	3.9	B0/220		
BH	(60°-80°)	73.3	1.7	B0/110		G0/110
BVH	(80°-90°)	0.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type II Medium



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REPORT NUMBER: P1197967
CATALOG NUMBER: GPC-SB1B-830-U-T2R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	496.5	496.5	496.5	496.5	496.5	496.5	496.5	496.5	496.5	*496.5*	496.5
2.5°	687.5	691.7	685.6	673.8	656.2	644.7	616.6	590.1	560.7	*551.4*	521.9
5°	838.0	841.7	834.8	822.0	798.4	776.0	739.1	683.7	626.2	*607.8*	555.6
7.5°	949.5	951.6	949.0	937.2	914.7	889.3	848.2	782.7	697.4	*677.0*	597.1
10°	1029.7	1036.7	1035.9	1031.3	1016.4	995.8	951.9	877.3	777.0	*750.8*	643.9
12.5°	1082.9	1090.7	1095.2	1105.4	1104.6	1091.5	1053.0	974.1	856.5	*825.7*	696.6
15°	1098.4	1106.7	1124.1	1147.6	1168.5	1175.2	1148.2	1069.0	943.9	*904.6*	750.6
17.5°	1089.6	1102.5	1123.3	1160.5	1206.2	1236.4	1233.5	1160.7	1023.3	*978.4*	803.5
20°	1109.1	1121.4	1137.7	1169.0	1222.2	1277.1	1299.0	1248.4	1102.2	*1055.1*	859.1
22.5°	1217.2	1215.0	1216.6	1221.7	1253.5	1307.8	1353.0	1328.1	1180.3	*1132.1*	918.0
25°	1388.3	1378.7	1362.4	1334.8	1326.8	1353.0	1400.1	1398.7	1262.6	*1211.0*	978.1
27.5°	1584.6	1583.0	1544.7	1478.4	1441.0	1430.8	1453.3	1467.4	1344.2	*1289.1*	1038.5
30°	1772.5	1776.8	1725.2	1651.4	1582.7	1542.8	1522.5	1532.7	1427.1	*1373.3*	1100.8
32.5°	1936.2	1940.7	1884.6	1798.2	1713.2	1665.0	1622.3	1597.1	1517.4	*1458.9*	1169.3
35°	2074.4	2079.0	2014.5	1919.1	1828.4	1784.8	1736.4	1667.7	1608.4	*1553.8*	1245.5
37.5°	2198.0	2196.6	2110.2	2014.0	1924.9	1890.5	1865.1	1754.6	1701.9	*1649.3*	1330.0
40°	2271.0	2276.6	2202.8	2096.6	2010.2	1985.1	1983.5	1862.4	1810.0	*1758.9*	1422.5
42.5°	2292.3	2302.2	2248.8	2161.6	2083.2	2056.0	2097.9	1979.0	1935.6	*1885.9*	1527.1
45°	2253.8	2263.5	2239.1	2178.7	2133.0	2115.3	2196.3	2099.8	2069.9	*2020.7*	1645.0
47.5°	2141.5	2153.6	2159.4	2146.6	2146.1	2164.0	2284.6	2227.1	2229.2	*2179.0*	1781.6
50°	1924.1	1944.5	1998.5	2043.9	2114.3	2202.5	2370.4	2365.1	2408.9	*2365.6*	1959.7
52.5°	1528.9	1557.8	1743.9	1868.3	2026.3	2195.3	2464.8	2586.5	2724.2	*2660.8*	2210.8
55°	1228.7	1228.7	1380.0	1612.6	1854.6	2147.7	2506.0	2730.3	2938.9	*2923.9*	2387.5
57.5°	1001.6	1013.7	1110.2	1315.8	1606.2	2034.3	2531.4	2820.7	3111.9	*3100.9*	2560.3
60°	618.2	644.1	826.5	1029.5	1323.6	1832.4	2515.3	2912.2	3321.8	*3330.6*	2768.3
62.5°	348.1	357.8	439.1	740.7	1029.2	1561.0	2392.6	2963.2	3590.3	*3627.7*	2982.7
65°	240.4	245.2	276.5	461.0	713.4	1242.8	2152.8	2931.4	3859.3	*3934.9*	3164.6
67.5°	*174.6*	*177.0*	*196.5*	*281.6*	*423.3*	*901.1*	*1776.8*	*2771.0*	*4001.8*	*4128.2*	*3199.3*
70°	134.2	135.8	150.0	185.0	250.0	556.2	1290.4	2452.0	3898.6	*4049.6*	3021.3
72.5°	109.1	110.7	121.7	136.9	165.8	328.9	782.1	1991.3	3442.9	*3606.0*	2572.0
75°	92.0	94.1	104.0	113.9	130.0	211.2	366.9	1386.7	2589.1	*2696.1*	1788.6
77.5°	51.1	47.1	84.5	94.4	109.6	133.7	171.7	816.1	1450.1	*1479.7*	793.6
80°	31.8	32.9	67.1	75.9	84.2	67.4	78.6	314.2	502.7	*477.6*	153.7
82.5°	1.9	4.3	51.6	54.8	57.8	28.9	29.7	106.7	121.1	*111.2*	27.3
85°	0.0	0.0	23.5	19.0	20.1	8.3	8.6	24.9	16.3	*17.6*	5.3
87.5°	0.0	0.0	0.0	0.5	0.0	0.8	1.6	2.1	0.8	*1.1*	1.9
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: P1197967
CATALOG NUMBER: GPC-SB1B-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	496.5	496.5	496.5	496.5	496.5	496.5	496.5	496.5	496.5	496.5	496.5
2.5°	503.2	484.5	446.5	409.4	379.2	351.1	331.0	312.0	302.4	301.9	301.3
5°	518.5	479.2	403.2	336.1	282.1	238.8	210.7	190.6	180.5	177.0	176.5
7.5°	539.9	480.8	365.3	271.9	208.3	171.1	155.1	148.7	146.5	144.1	143.6
10°	566.9	484.5	331.3	219.0	164.2	145.5	139.0	136.4	134.8	133.2	132.6
12.5°	597.1	488.0	297.6	181.8	144.4	134.8	130.2	127.0	124.9	123.0	122.5
15°	626.5	490.1	262.6	155.9	134.2	126.5	121.7	118.2	115.2	113.1	112.8
17.5°	655.6	493.1	229.7	140.4	125.9	118.2	113.4	109.1	106.7	104.3	104.0
20°	688.0	492.5	198.7	129.4	117.7	109.9	104.8	100.8	98.4	95.7	95.5
22.5°	717.9	489.9	171.4	120.1	109.1	101.6	96.0	92.0	89.6	87.4	87.2
25°	752.4	487.7	148.7	111.5	101.1	93.6	87.4	83.7	81.0	79.1	78.9
27.5°	785.6	484.5	132.1	103.7	93.3	86.1	80.2	75.9	73.5	72.2	72.2
30°	818.2	483.7	125.9	96.3	86.4	79.1	73.3	69.3	67.4	66.8	66.6
32.5°	857.5	485.8	128.6	93.6	79.9	72.7	67.1	64.2	62.3	62.3	62.3
35°	899.5	485.3	132.6	96.0	75.7	66.3	62.0	60.2	58.3	58.3	58.3
37.5°	952.2	486.1	135.8	100.0	74.1	61.0	58.6	56.2	55.1	55.1	55.1
40°	1030.8	512.6	134.2	103.5	73.5	57.2	52.4	51.6	50.8	50.8	50.8
42.5°	1127.1	570.1	136.4	103.7	73.3	54.5	48.1	49.7	47.9	47.6	47.3
45°	1232.4	632.9	150.0	98.1	73.0	53.2	46.0	47.9	44.9	44.9	44.9
47.5°	1337.0	695.2	163.9	90.1	72.2	52.9	44.1	43.0	42.2	42.5	42.5
50°	1481.1	746.0	169.3	79.1	70.3	52.4	40.6	40.9	40.4	40.9	40.9
52.5°	1638.0	756.7	162.8	66.8	65.0	50.8	38.2	39.3	39.0	39.6	39.6
55°	1735.9	745.2	134.5	55.6	56.7	44.4	35.8	38.0	38.0	38.0	38.0
57.5°	1837.0	696.3	95.5	45.2	47.1	36.4	33.7	36.6	36.4	36.1	36.1
60°	1909.7	617.1	62.8	37.2	37.4	29.9	31.3	34.5	34.2	32.9	32.9
62.5°	1964.0	529.7	40.4	31.6	28.6	27.0	28.6	31.3	30.2	27.3	26.7
65°	1957.8	408.6	31.0	27.0	23.5	23.5	24.9	27.3	24.1	19.3	18.7
67.5°	*1843.7*	*276.5*	*25.7*	*22.7*	*19.8*	*19.5*	*20.6*	*22.7*	*20.6*	*16.3*	*15.8*
70°	1639.6	180.8	20.6	17.6	15.8	14.4	16.6	19.5	17.4	13.1	12.6
72.5°	1330.8	110.2	15.5	12.8	11.5	9.4	13.1	16.0	13.9	9.6	9.1
75°	861.0	56.2	10.7	8.3	6.1	5.6	9.6	12.0	9.6	5.9	5.1
77.5°	329.4	23.5	5.9	3.7	3.2	2.7	5.3	7.2	4.0	1.3	1.1
80°	63.4	9.9	2.9	1.9	1.6	1.1	0.8	0.5	0.0	0.0	0.0
82.5°	11.0	3.2	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	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

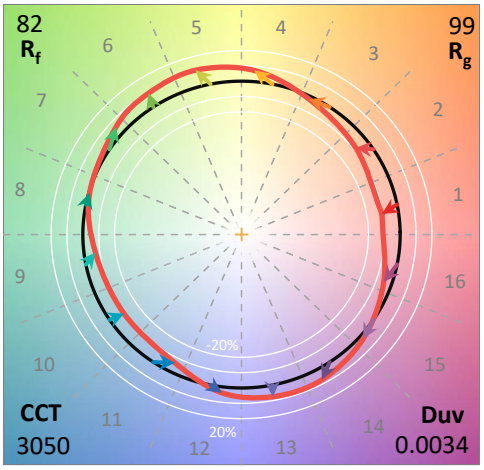
Test Information

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

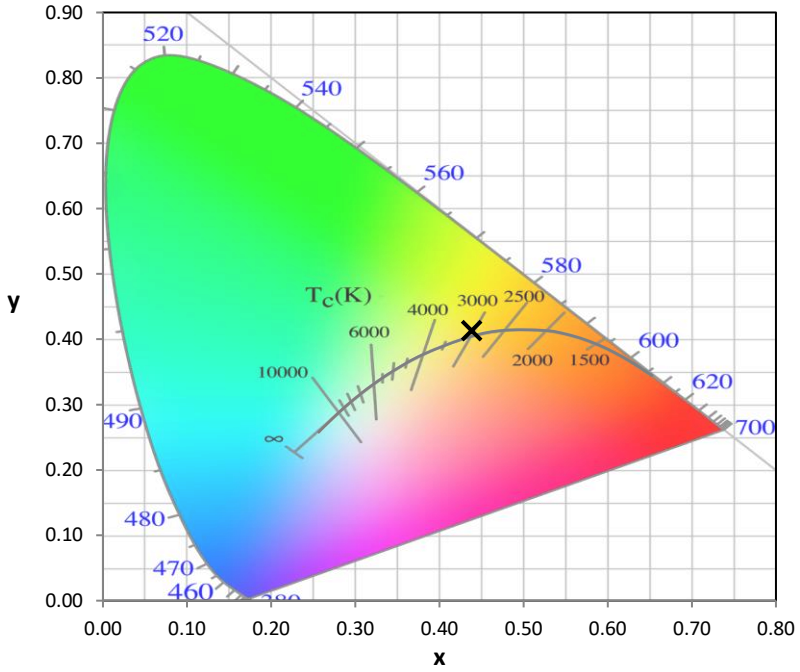
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

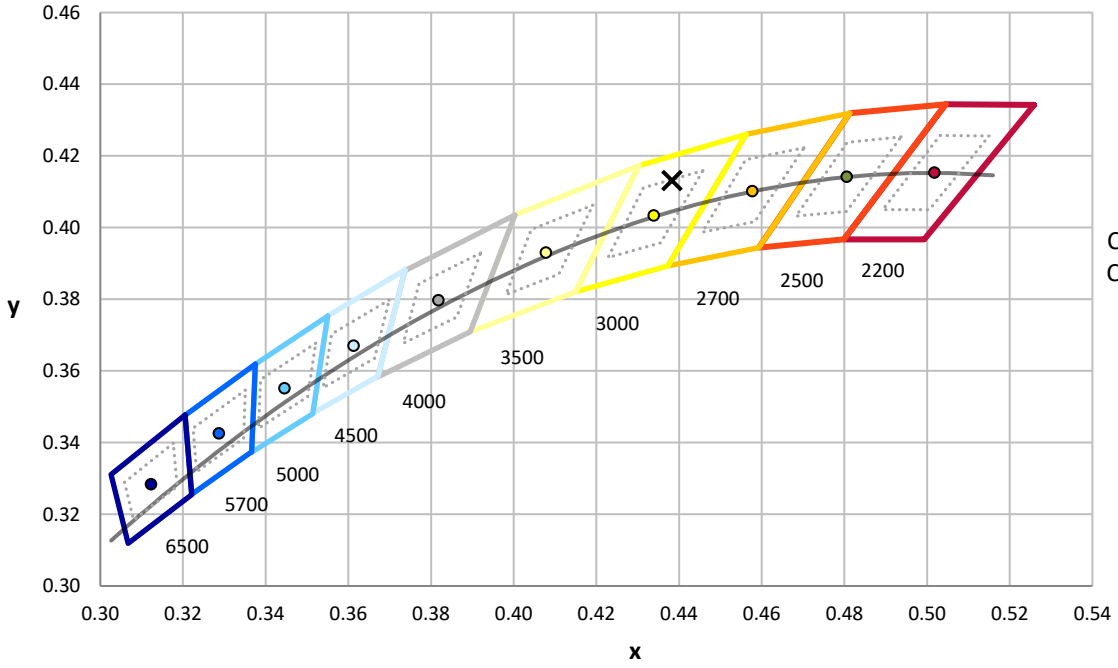
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

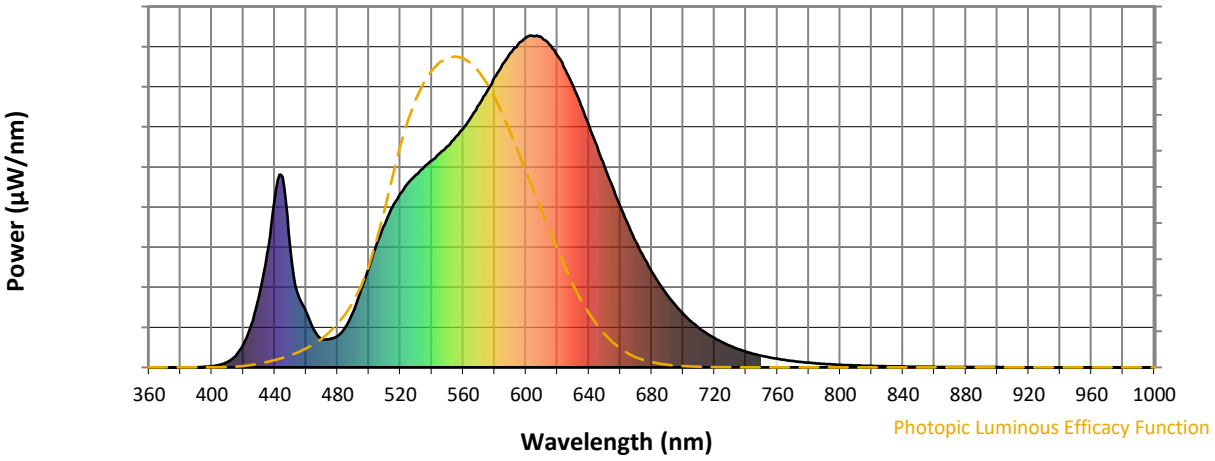


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

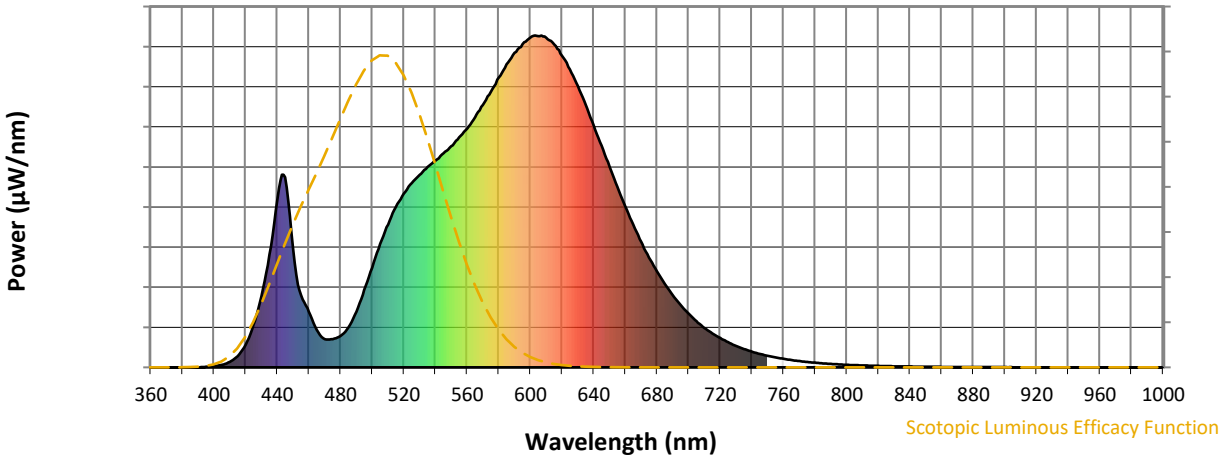


Photopic Lumens: NR

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

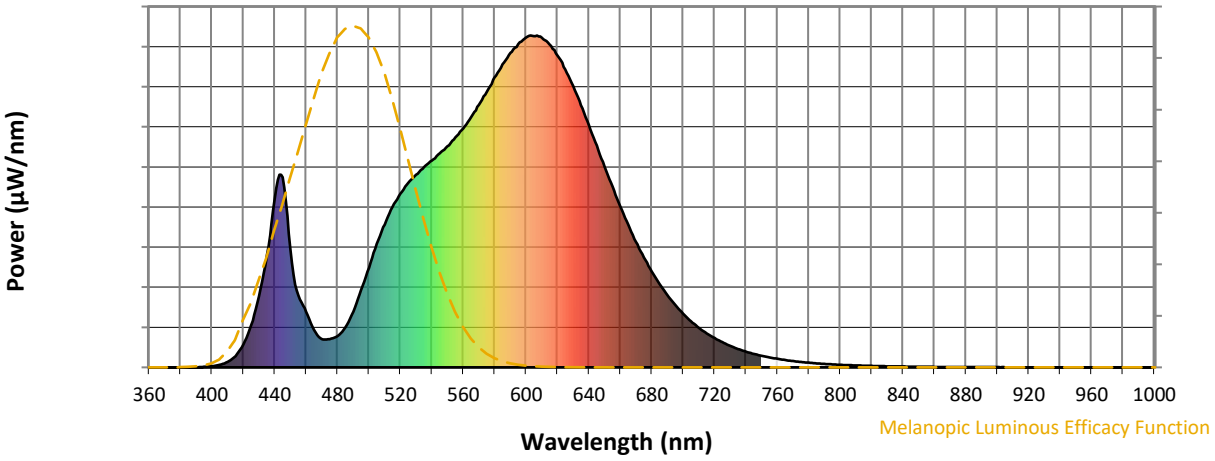


Scotopic Lumens: NR **S/P: 1.27**

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			

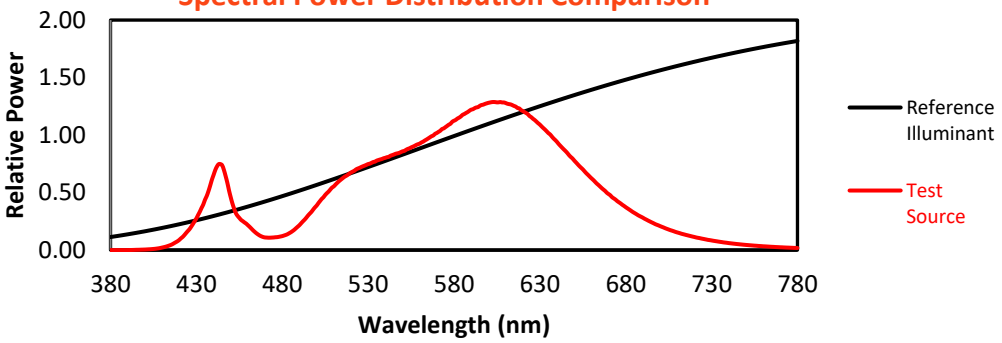
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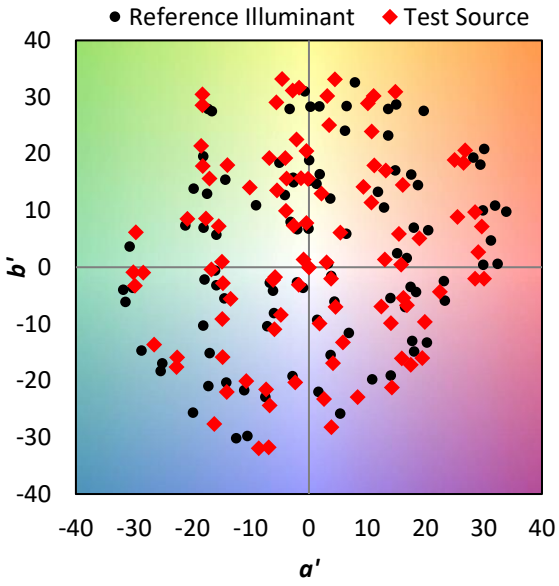
Summary

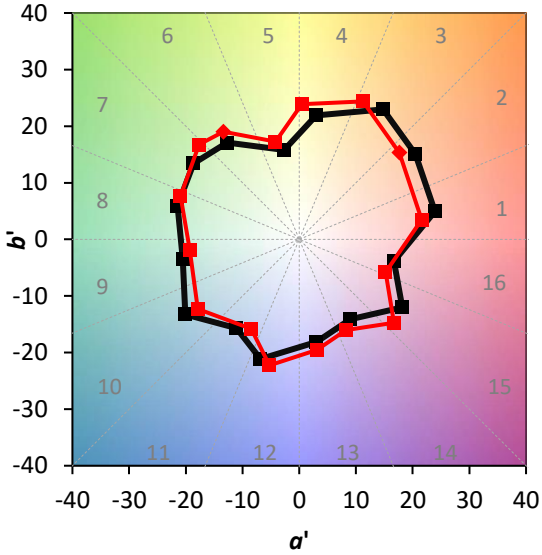
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

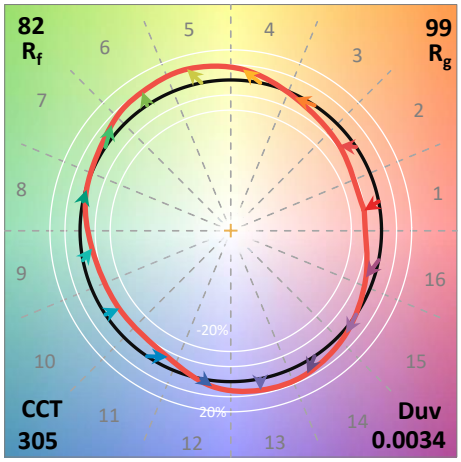
Spectral Power Distribution Comparison

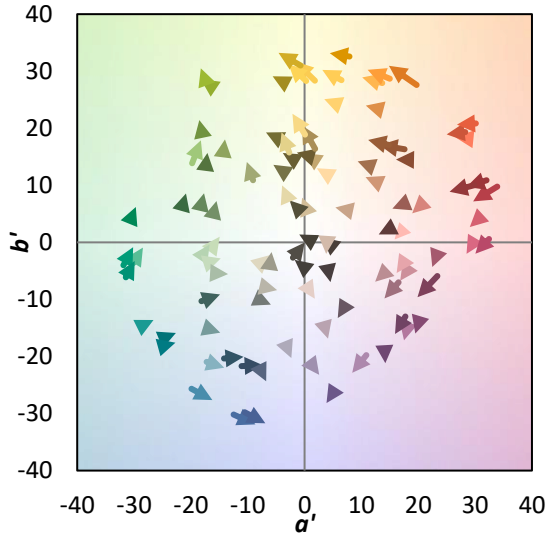


Color Vector Graphics







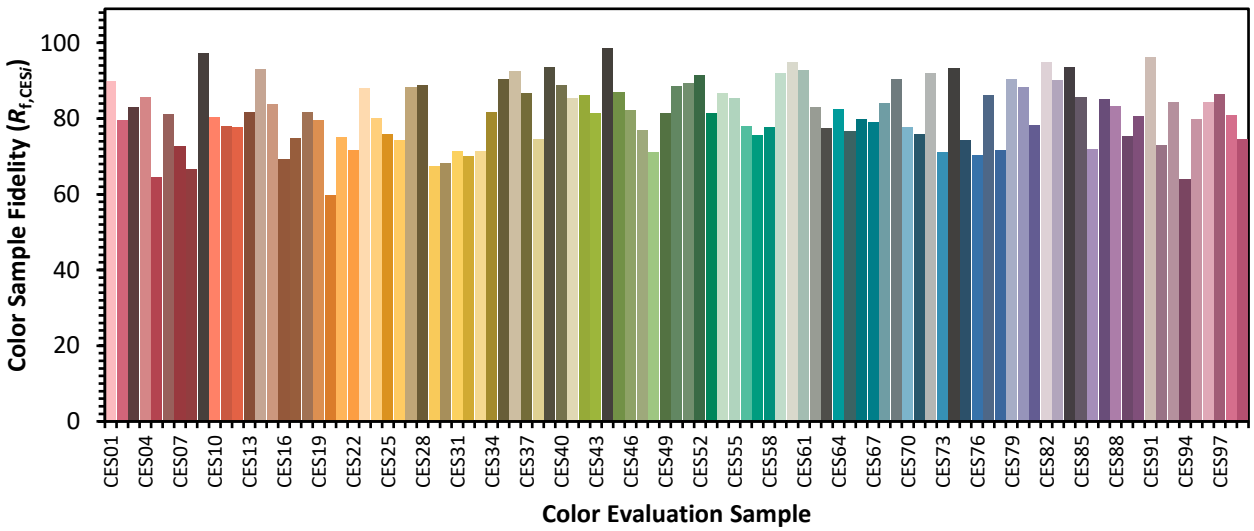


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Individual Sample Fidelity Index ($R_{f,i}$)

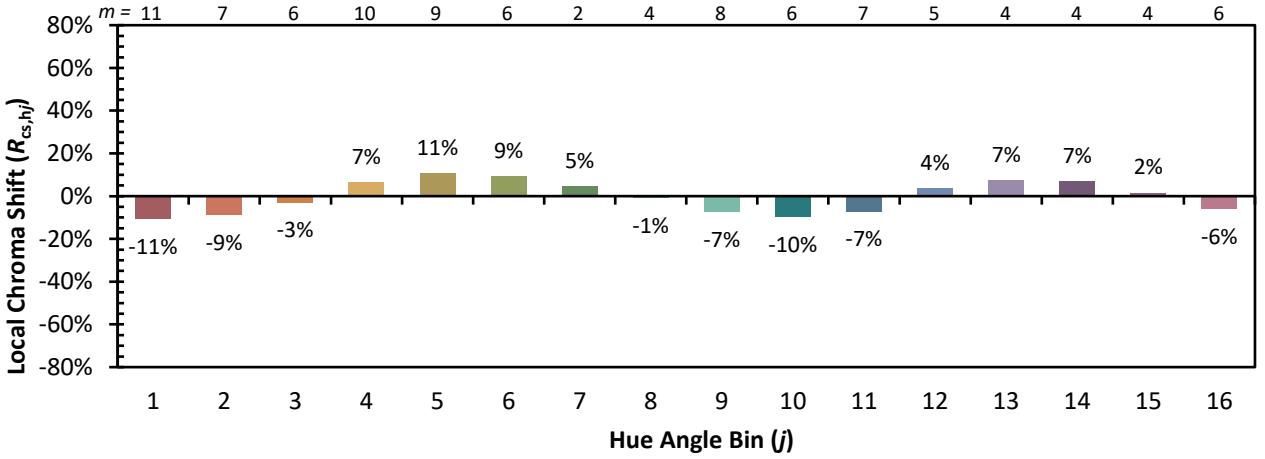
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

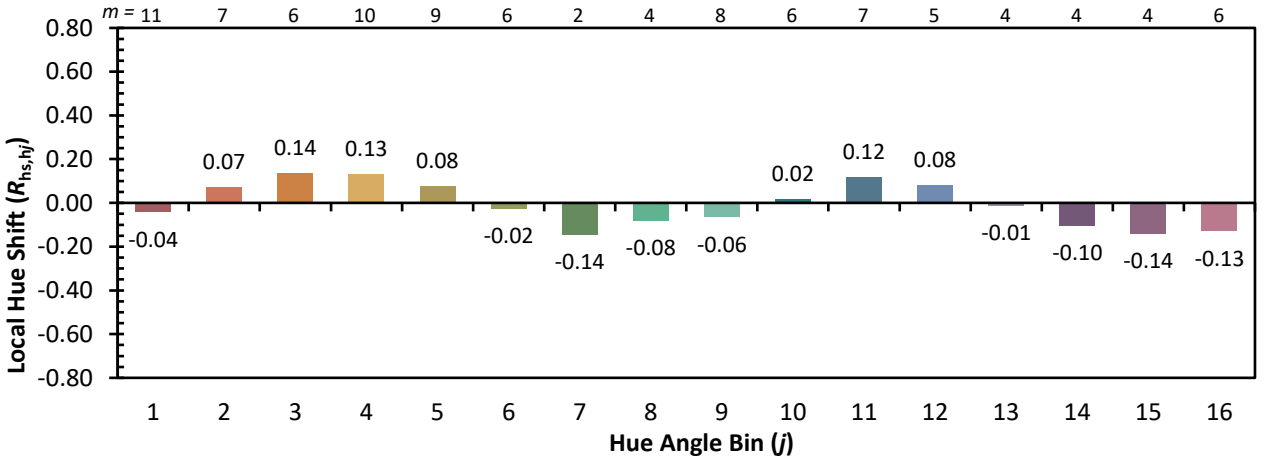


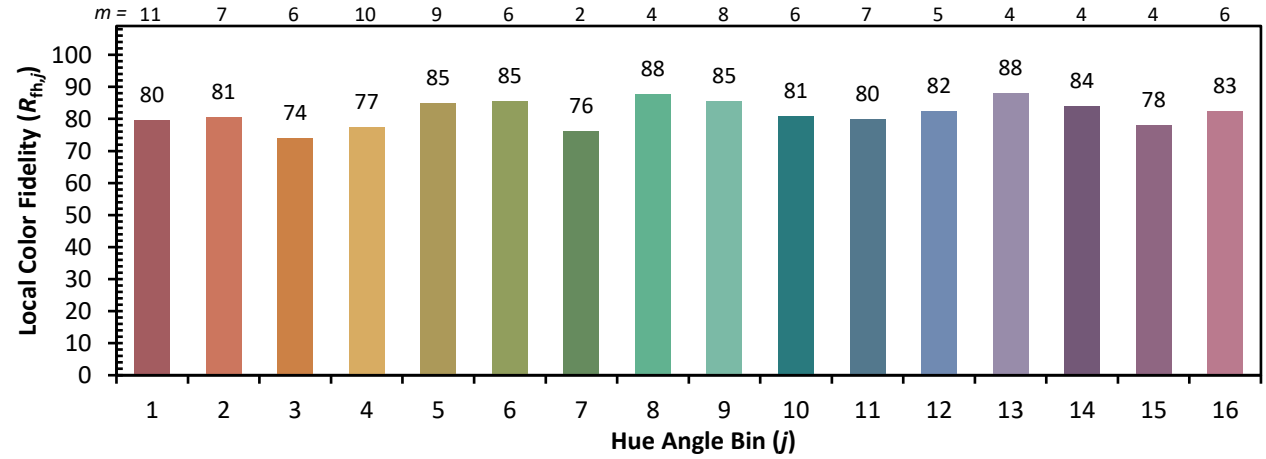
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Color Rendition by Hue-Angle Bin



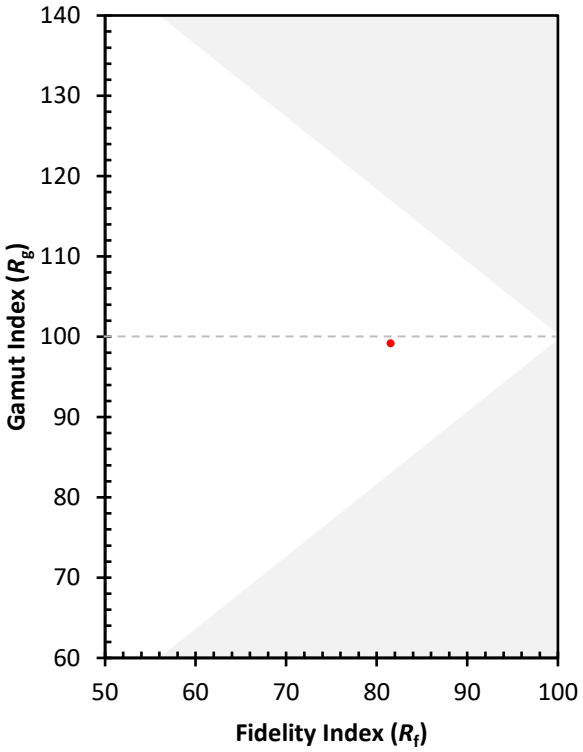


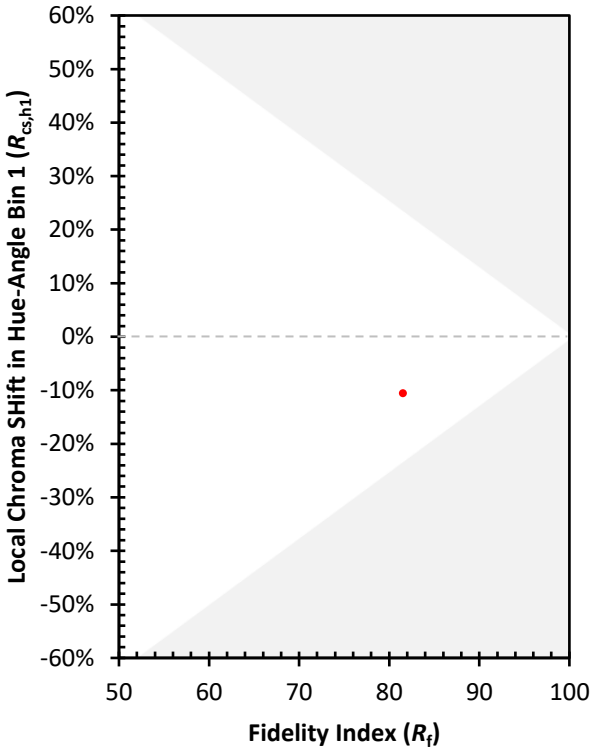


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Measure Comparisons





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