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: P1198920

Luminaire Tested: GPC-SB1D-830-U-T2R

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:	P1198920
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-830-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9363 lumens
Efficiency:	N/A
Efficacy:	117.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

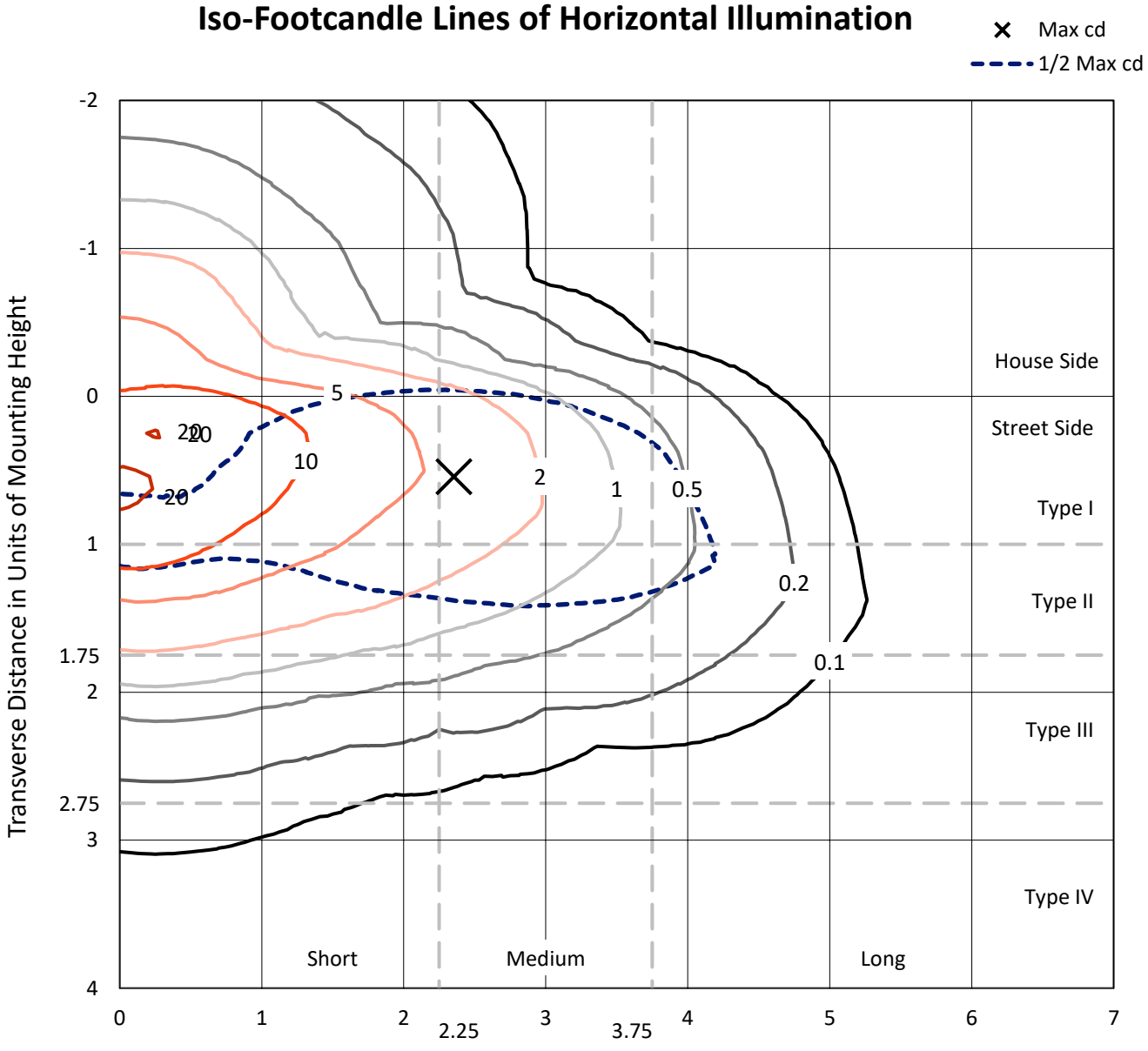


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Scaled Data Report

REPORT NUMBER: P1198920
CATALOG NUMBER: GPC-SB1D-830-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



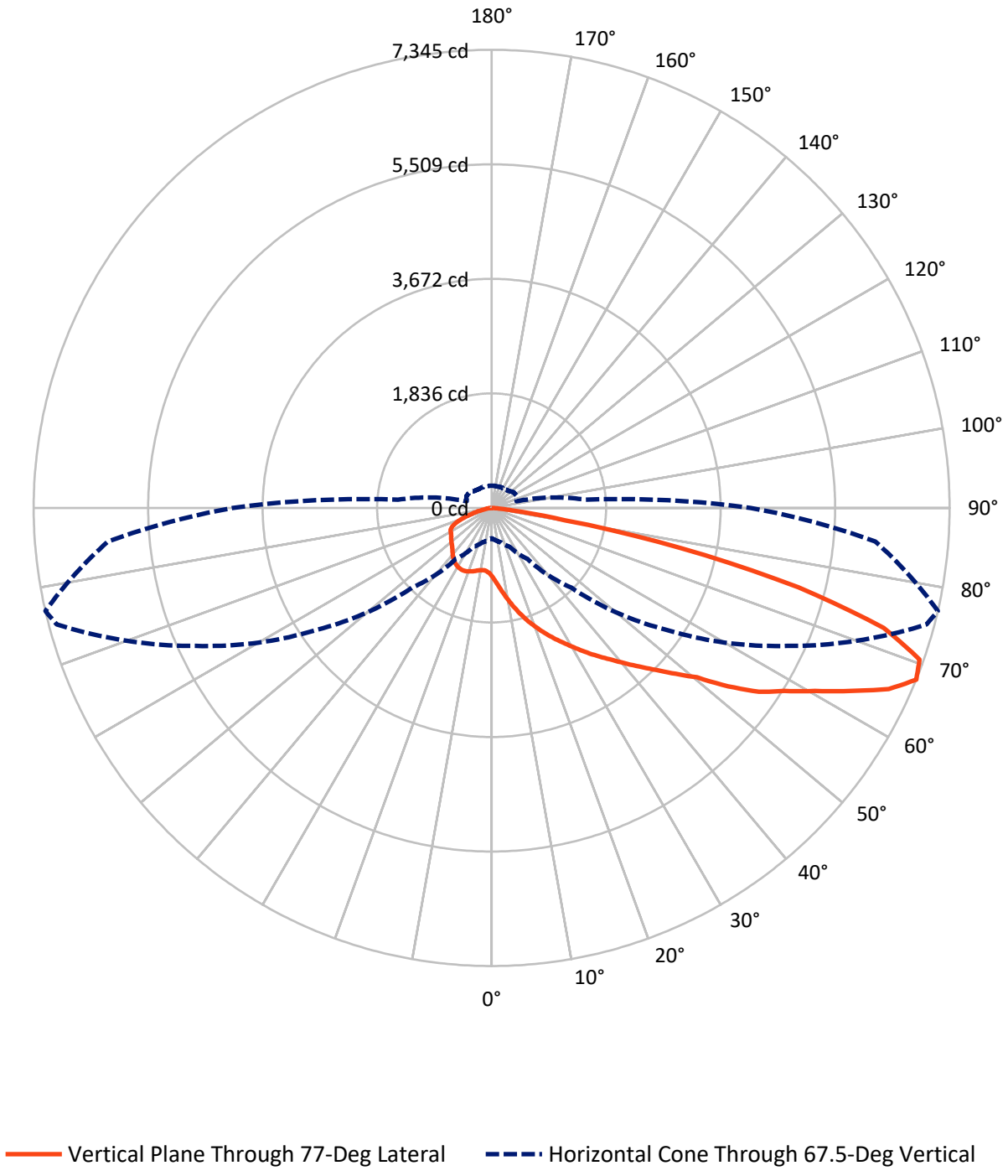
Based on 10 foot mounting height. Maximum calculated value = 21.4 fc
Type II - Medium - N/A

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REPORT NUMBER: P1198920
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Luminous Intensity Polar Plot



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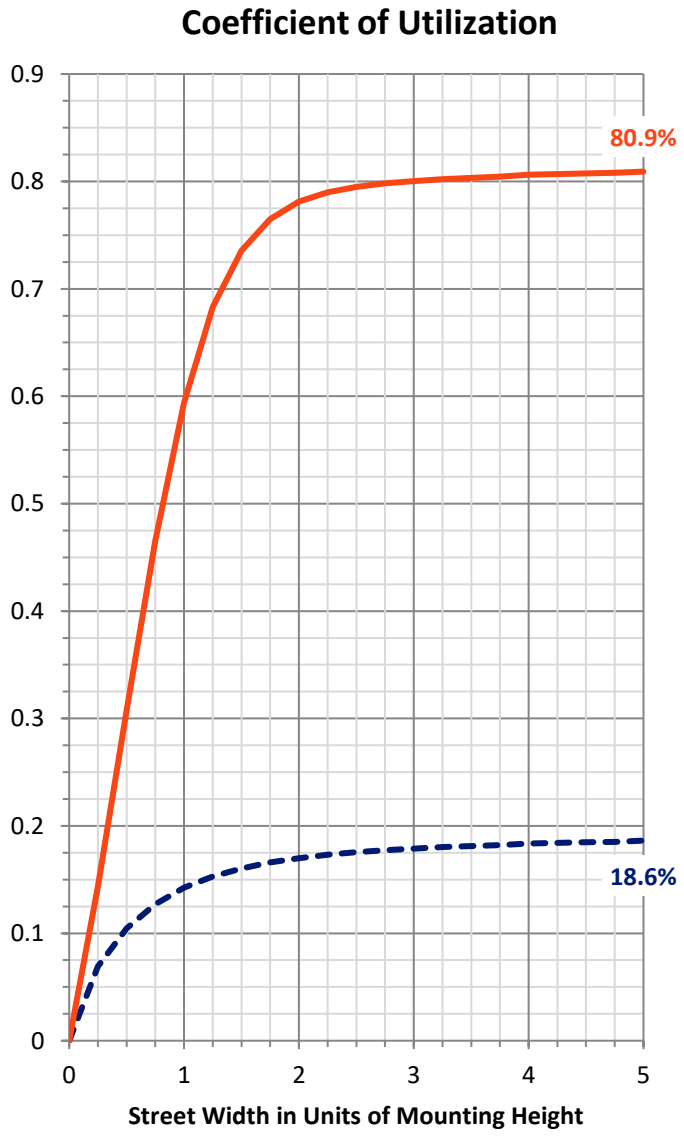
REPORT NUMBER: P1198920
CATALOG NUMBER: GPC-SB1D-830-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1771.1	0.0	1771.1
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	7591.9	0.0	7591.9
	% Fixture	81.1	0.0	81.1
Total	Lumens	9363.0	0.0	9363.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.8	1.3
10°-20°	423.0	4.5
20°-30°	798.7	8.5
30°-40°	1286.7	13.7
40°-50°	1760.0	18.8
50°-60°	1985.3	21.2
60°-70°	1853.1	19.8
70°-80°	1015.8	10.8
80°-90°	122.5	1.3
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°	9363.0	100.0
0°-180°	9363.0	100.0



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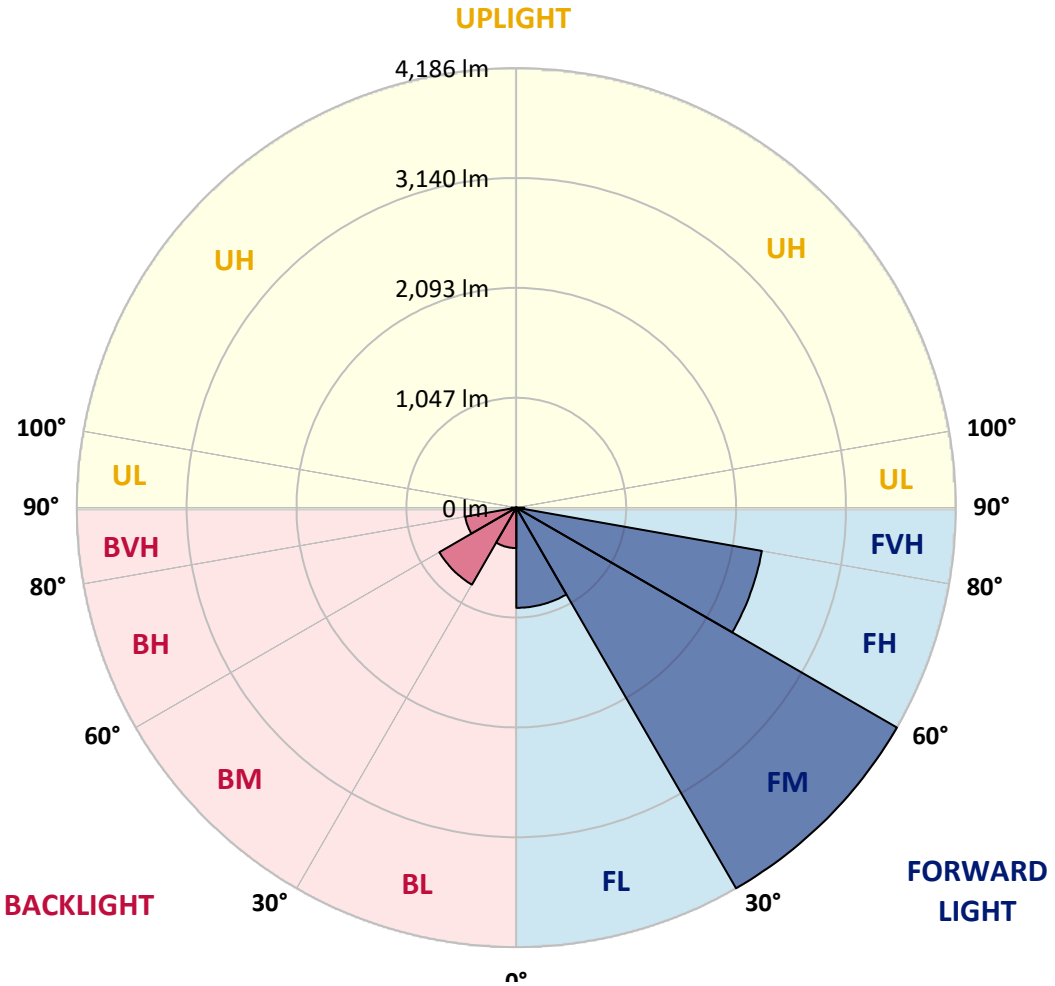
Scaled Data Report

REPORT NUMBER: P1198920
CATALOG NUMBER: GPC-SB1D-830-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	954.4	10.2			
FM	(30°-60°)	4186.1	44.7			
FH	(60°-80°)	2374.7	25.4			G2/5000
FVH	(80°-90°)	76.6	0.8			G1/100
BL	(0°-30°)	385.1	4.1	B1/500		
BM	(30°-60°)	846.0	9.0	B1/1000		
BH	(60°-80°)	494.1	5.3	B1/500		G1/500
BVH	(80°-90°)	45.9	0.5			G1/100
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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Scaled Data Report

REPORT NUMBER: P1198920
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	*1098.6*	1098.6
2.5°	1375.5	1385.2	1373.1	1373.1	1332.5	1311.2	1270.6	1239.7	1184.1	*1174.5*	1137.7
5°	1625.9	1637.9	1621.0	1613.8	1565.9	1522.0	1453.8	1386.6	1287.5	*1277.4*	1190.9
7.5°	1819.7	1835.1	1820.2	1812.4	1769.9	1720.6	1640.8	1547.1	1407.4	*1387.6*	1262.4
10°	1977.7	1980.1	1975.3	1978.2	1944.9	1904.3	1822.6	1713.3	1538.9	*1511.8*	1348.9
12.5°	2067.1	2078.2	2087.9	2105.3	2099.5	2074.4	2000.9	1870.4	1678.1	*1643.3*	1443.2
15°	2109.2	2128.5	2150.3	2190.4	2222.8	2229.0	2173.0	2039.1	1819.7	*1777.6*	1538.4
17.5°	2124.2	2142.5	2176.8	2234.8	2304.4	2351.3	2326.2	2202.9	1959.8	*1911.5*	1638.4
20°	2200.0	2205.4	2226.1	2281.2	2356.6	2434.4	2453.3	2360.5	2098.5	*2043.9*	1741.9
22.5°	2362.4	2351.8	2357.6	2382.7	2436.9	2512.3	2555.3	2499.7	2241.1	*2178.3*	1846.3
25°	2630.7	2599.7	2568.8	2539.8	2567.4	2609.9	2658.7	2638.9	2390.5	*2310.7*	1951.6
27.5°	2969.5	2931.8	2863.6	2768.4	2735.1	2750.1	2771.8	2767.9	2528.7	*2448.0*	2060.4
30°	3303.0	3259.0	3177.8	3040.0	2952.1	2912.4	2896.0	2884.9	2679.0	*2593.0*	2170.1
32.5°	3569.3	3534.5	3454.7	3300.5	3173.0	3105.3	3050.7	3011.0	2836.1	*2750.1*	2286.1
35°	3802.2	3769.8	3678.5	3510.3	3371.6	3299.6	3228.0	3143.5	2999.4	*2912.4*	2410.8
37.5°	4014.9	3982.5	3857.3	3682.4	3542.7	3492.9	3429.1	3285.6	3163.3	*3081.1*	2542.7
40°	4149.2	4142.0	4025.0	3826.9	3681.9	3657.2	3636.0	3450.4	3345.0	*3268.6*	2687.7
42.5°	4183.6	4199.5	4106.7	3943.8	3805.6	3785.8	3835.6	3636.9	3549.0	*3476.0*	2852.0
45°	4100.9	4146.8	4085.9	3975.3	3893.6	3882.9	4012.5	3840.9	3774.7	*3708.0*	3050.2
47.5°	3891.6	3969.5	3944.3	3928.9	3917.3	3963.2	4168.1	4057.4	4030.3	*3972.4*	3276.4
50°	3469.2	3616.6	3660.6	3758.2	3870.4	4025.5	4309.7	4293.8	4329.0	*4270.6*	3551.9
52.5°	2738.9	2941.9	3197.1	3441.7	3726.3	4004.7	4465.3	4633.0	4781.9	*4750.0*	3989.8
55°	2260.9	2352.3	2548.5	2997.0	3447.0	3917.3	4535.4	4907.1	5231.4	*5202.9*	4321.8
57.5°	1893.6	1975.3	2096.1	2470.7	3024.6	3718.6	4578.9	5074.3	5539.3	*5536.4*	4649.5
60°	1499.7	1586.2	1710.0	1975.3	2531.1	3375.5	4569.2	5264.7	5932.2	*5956.4*	5049.2
62.5°	1055.1	1150.3	1287.5	1535.0	2027.0	2930.8	4372.1	5402.5	6394.7	*6460.4*	5530.1
65°	693.6	756.4	859.8	1073.4	1510.4	2359.1	3995.5	5420.4	6889.6	*7000.8*	5981.5
67.5°	*486.2*	*510.4*	*571.3*	*687.3*	*995.6*	*1809.0*	*3395.8*	*5235.2*	*7219.7*	*7344.9*	*6177.2*
70°	379.4	391.5	422.4	468.8	625.4	1216.5	2602.2	4753.9	7149.2	*7279.7*	5972.8
72.5°	327.7	339.3	350.9	356.7	419.5	751.1	1762.6	3974.8	6484.6	*6573.1*	5193.2
75°	297.2	300.1	309.8	307.9	320.0	487.2	1017.4	2896.0	5116.4	*5085.9*	3833.6
77.5°	249.9	253.7	269.7	267.3	284.2	333.0	528.3	1869.0	3317.0	*3110.1*	2133.8
80°	211.7	213.6	231.0	228.1	247.0	241.2	269.7	952.6	1406.9	*1191.9*	615.3
82.5°	73.5	90.9	176.4	181.7	188.5	146.0	155.6	388.6	429.7	*329.1*	129.0
85°	35.8	38.2	89.9	127.6	127.1	73.5	75.9	138.7	135.3	*106.3*	43.0
87.5°	5.8	7.2	10.6	49.8	39.6	19.3	26.1	27.1	28.0	*24.2*	9.7
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: P1198920
CATALOG NUMBER: GPC-SB1D-830-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6
2.5°	1110.7	1086.5	1035.7	988.9	952.1	916.8	897.0	880.1	870.4	868.5	868.5
5°	1140.6	1090.8	998.5	920.7	870.0	832.3	812.4	799.9	793.6	789.7	789.3
7.5°	1183.6	1110.7	979.2	890.7	837.6	810.5	800.4	798.4	798.0	798.4	799.9
10°	1243.1	1143.0	977.3	883.5	839.0	824.0	823.6	824.0	826.0	826.5	826.9
12.5°	1307.4	1176.4	985.0	889.8	857.4	849.2	847.7	847.2	848.7	849.7	850.1
15°	1377.4	1220.4	998.0	903.3	877.7	869.0	867.5	864.6	864.2	863.7	863.2
17.5°	1449.5	1263.9	1012.5	917.8	890.7	878.7	873.3	866.6	861.3	859.8	861.3
20°	1522.4	1306.9	1022.7	925.1	891.7	874.8	864.2	852.6	843.4	838.1	840.0
22.5°	1600.2	1351.8	1029.0	923.1	883.0	859.8	840.5	826.9	812.9	803.7	804.2
25°	1676.1	1391.0	1028.5	913.0	866.1	836.6	812.0	794.6	775.2	765.6	765.6
27.5°	1749.1	1426.3	1016.4	895.1	841.9	809.1	779.6	758.8	740.0	730.8	730.3
30°	1824.5	1455.7	997.6	869.0	813.4	777.2	744.8	726.9	710.0	701.3	700.8
32.5°	1899.4	1482.8	971.0	836.6	780.6	745.8	713.9	697.4	687.3	687.3	687.8
35°	1978.7	1501.7	935.7	798.9	745.8	712.4	687.3	677.6	676.6	670.8	669.4
37.5°	2062.3	1513.7	892.7	760.3	711.4	680.0	672.3	660.7	651.0	638.5	636.5
40°	2150.3	1525.8	841.0	720.1	675.2	657.8	654.4	638.9	611.4	580.5	576.1
42.5°	2257.1	1534.0	787.3	680.0	637.0	631.2	636.0	609.5	565.5	542.3	542.8
45°	2380.8	1547.6	738.0	640.4	597.9	597.9	618.2	583.4	547.1	532.6	535.0
47.5°	2541.3	1579.0	692.1	596.9	561.6	571.3	578.5	551.9	531.6	513.8	513.3
50°	2773.3	1654.4	644.7	552.9	534.1	553.4	543.2	527.8	504.1	489.6	488.1
52.5°	3061.3	1698.8	602.7	513.3	510.4	529.7	515.2	500.7	482.8	463.5	459.6
55°	3257.5	1707.1	567.4	484.3	494.4	492.5	487.2	474.1	464.5	438.8	439.3
57.5°	3477.0	1723.5	538.4	466.9	484.3	463.0	461.1	450.0	437.4	420.0	414.2
60°	3739.4	1749.1	513.3	460.1	475.6	443.7	434.0	429.7	417.1	408.4	410.8
62.5°	4025.5	1772.3	487.7	461.1	465.4	424.8	410.3	408.9	401.1	398.3	398.3
65°	4220.8	1709.0	455.8	460.1	449.5	405.5	387.1	386.7	380.4	379.4	378.9
67.5°	*4152.6*	*1508.4*	*412.7*	*446.6*	*433.0*	*386.2*	*365.9*	*363.9*	*355.7*	*356.2*	*356.2*
70°	3811.4	1222.3	353.3	413.2	412.7	368.8	343.6	337.4	326.2	328.2	330.1
72.5°	3171.5	905.7	273.6	357.7	380.4	352.8	318.0	307.9	293.9	295.8	295.3
75°	2290.4	615.7	199.1	272.1	331.1	334.0	292.9	275.5	258.6	261.5	262.4
77.5°	1172.0	349.0	146.4	187.5	260.0	303.5	270.2	247.0	243.1	270.2	266.3
80°	382.3	175.0	101.5	131.5	170.6	248.4	236.8	210.2	209.3	215.6	185.1
82.5°	114.1	73.9	65.2	86.5	94.2	190.4	204.4	159.0	136.8	144.0	148.9
85°	39.1	35.8	37.2	43.0	44.9	111.6	143.1	105.4	99.6	109.7	108.3
87.5°	9.2	12.6	10.6	9.7	9.7	27.1	55.6	44.0	60.9	40.6	39.1
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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Cooper Lighting Solutions Photometric Lab
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

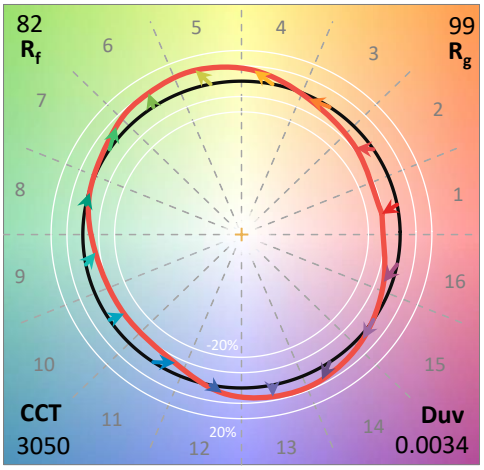
Test Information

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

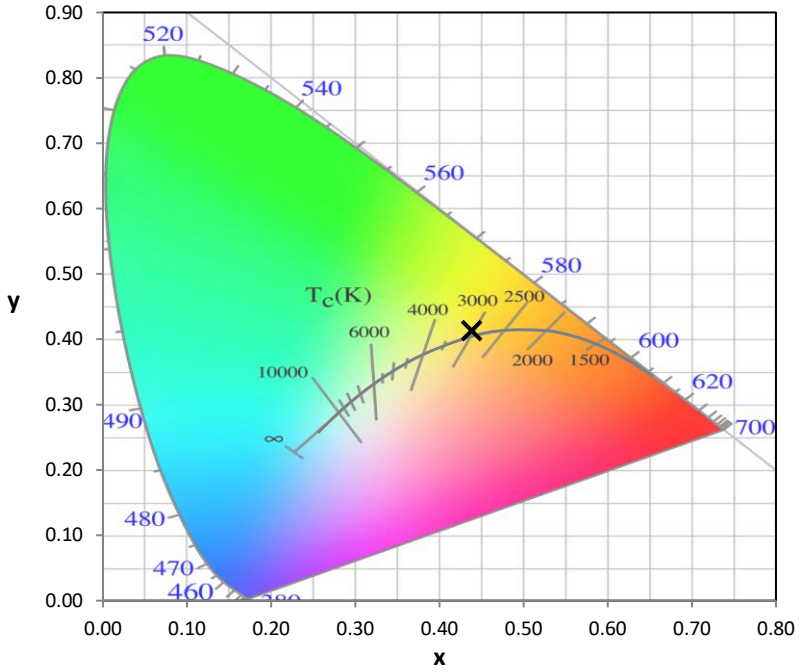
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

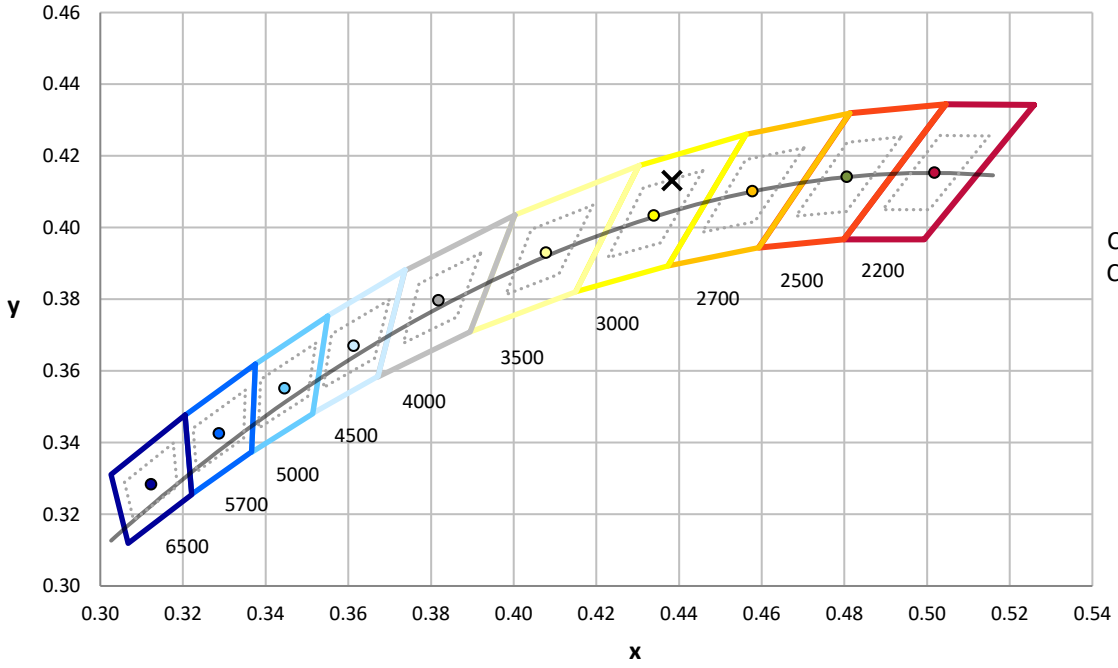
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

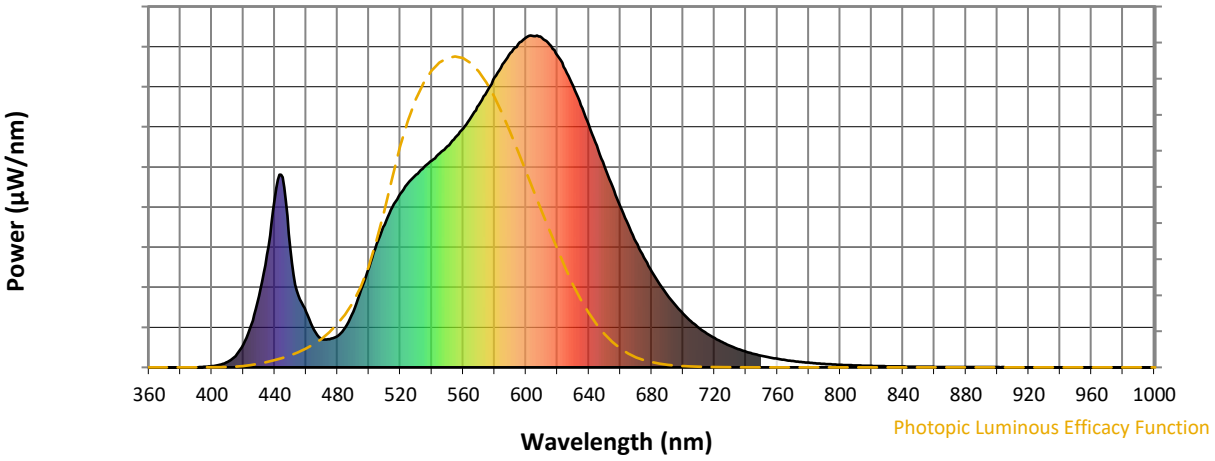


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

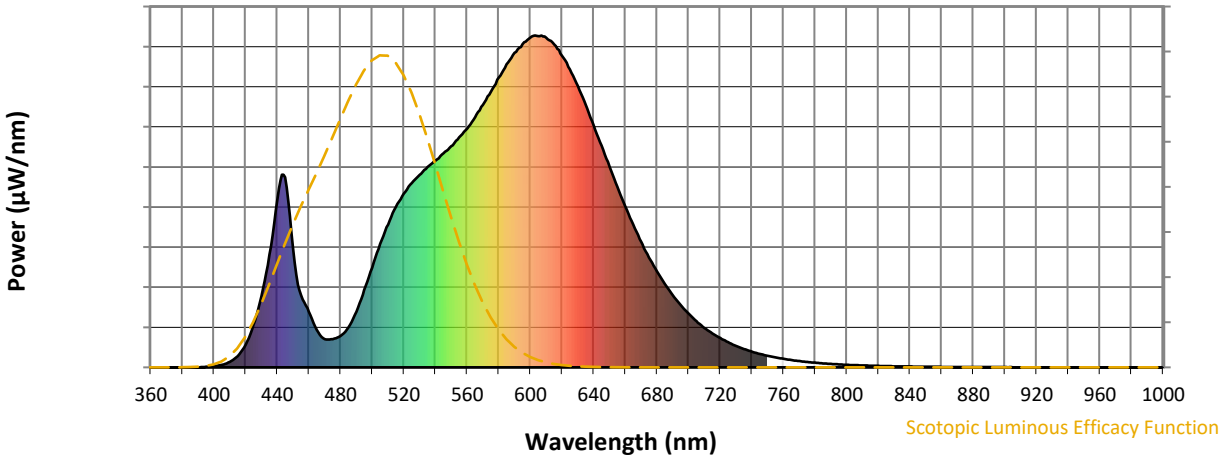


Photopic Lumens: NR

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

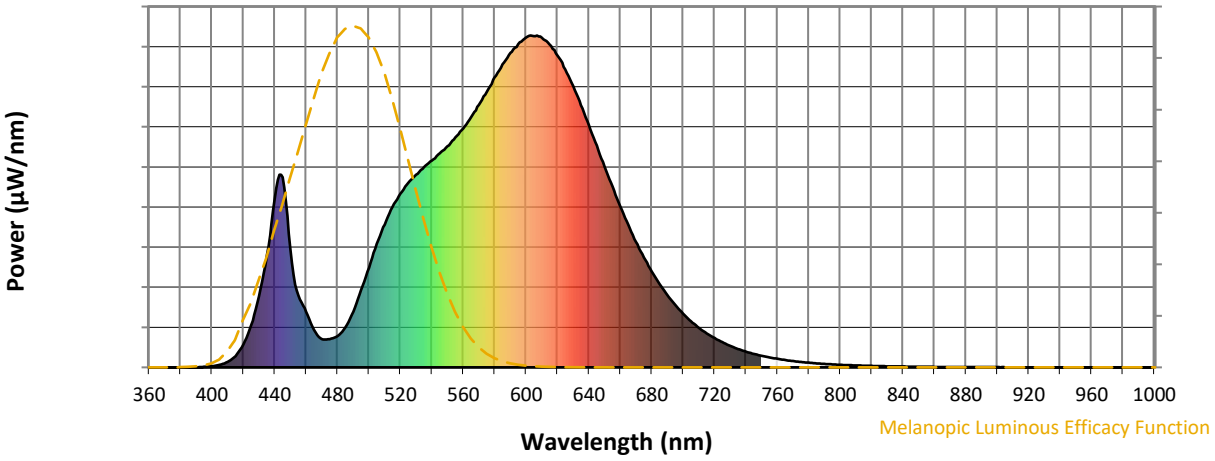


Scotopic Lumens: NR **S/P: 1.27**

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			

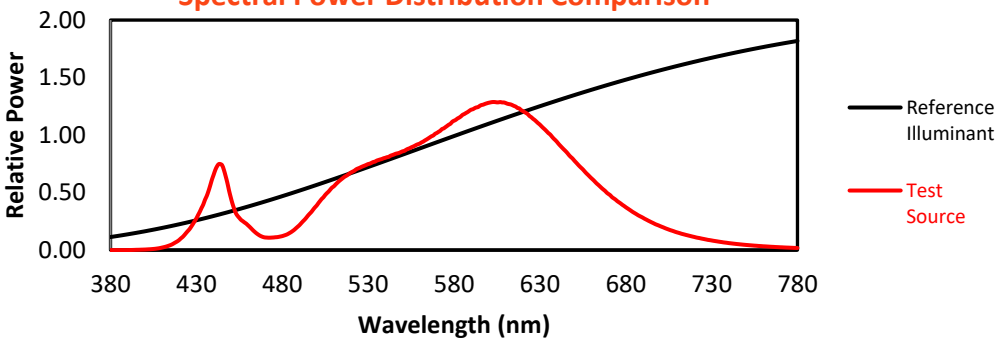
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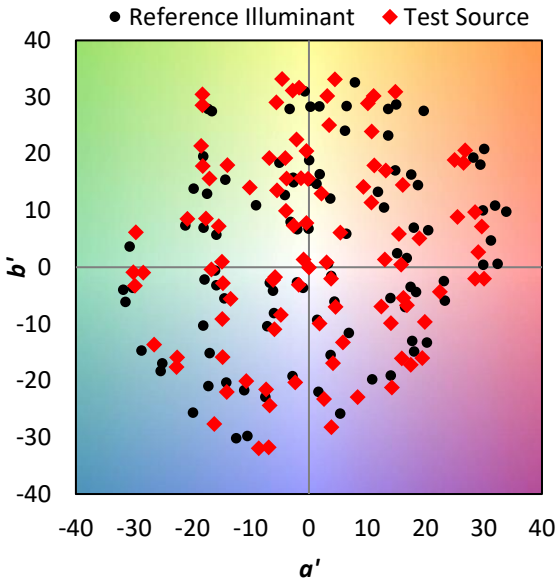
Summary

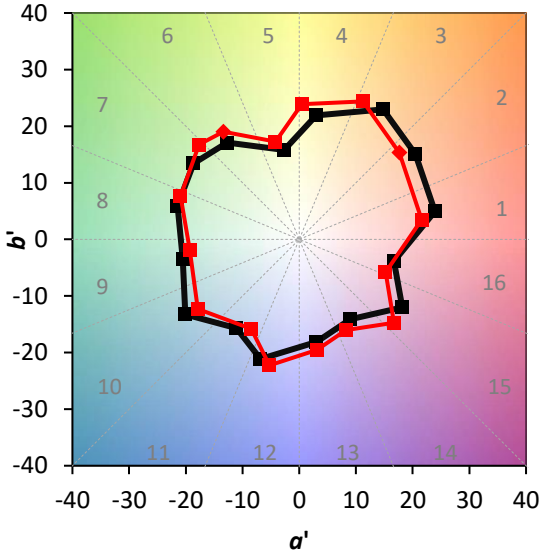
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

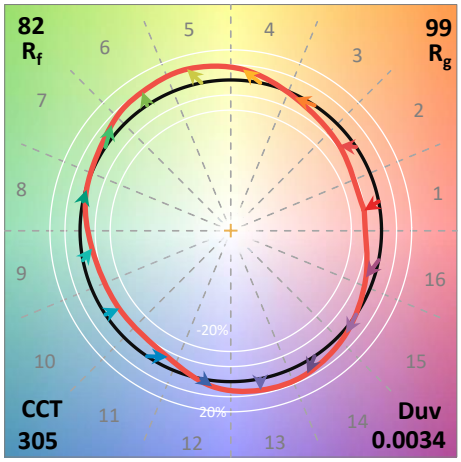
Spectral Power Distribution Comparison

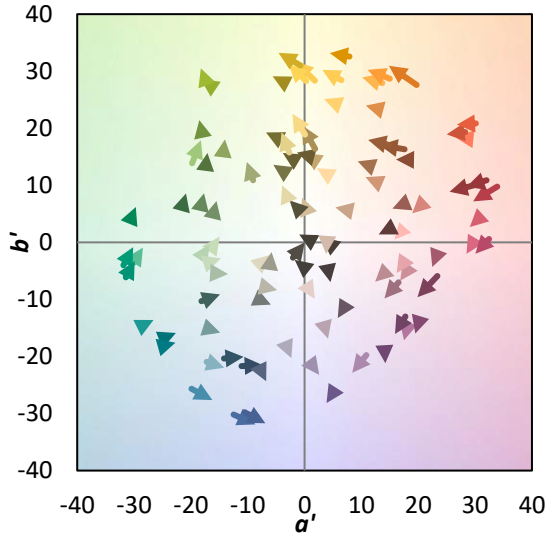


Color Vector Graphics







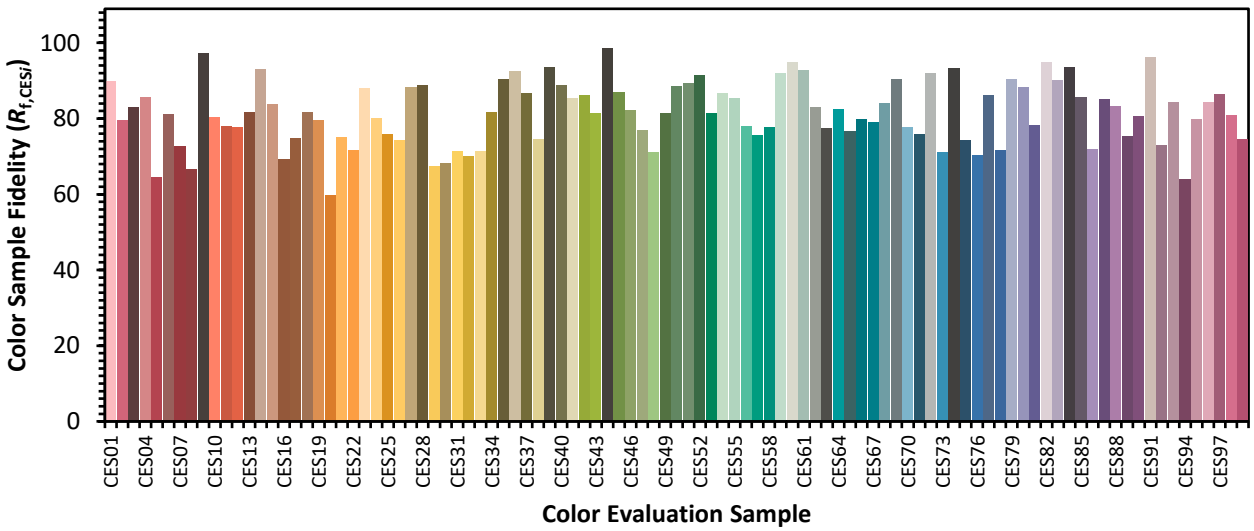


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Individual Sample Fidelity Index ($R_{f,i}$)

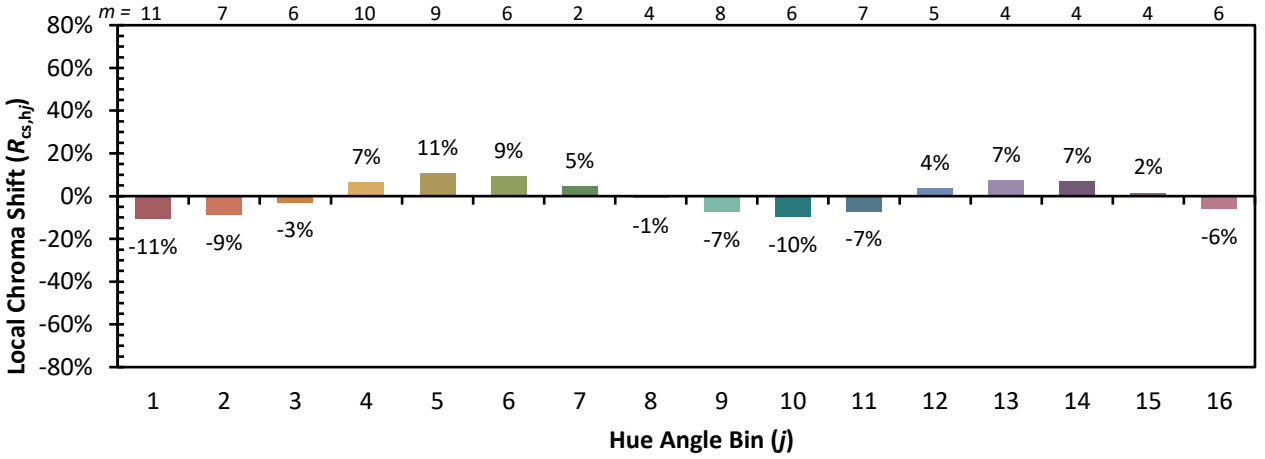
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

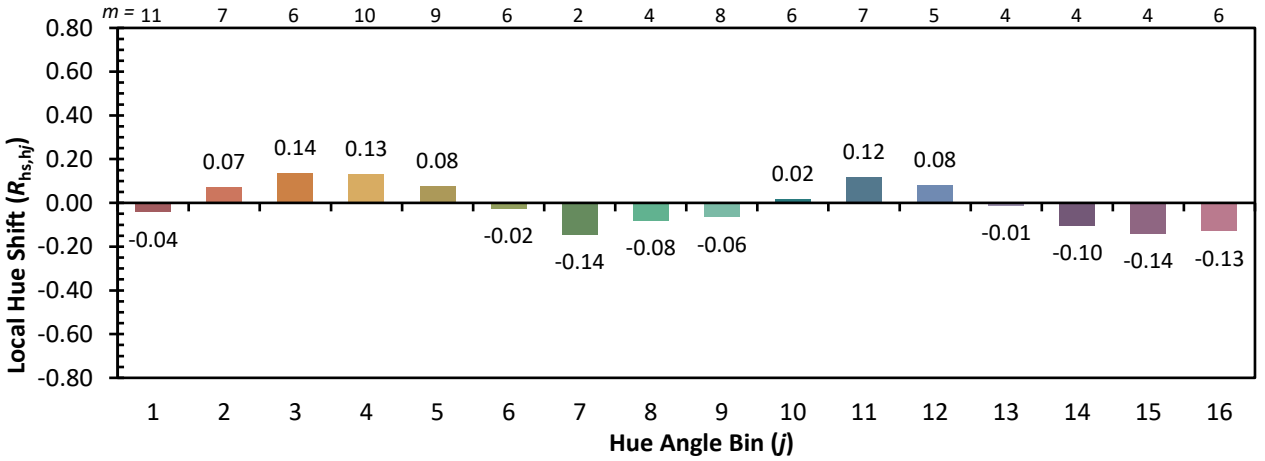


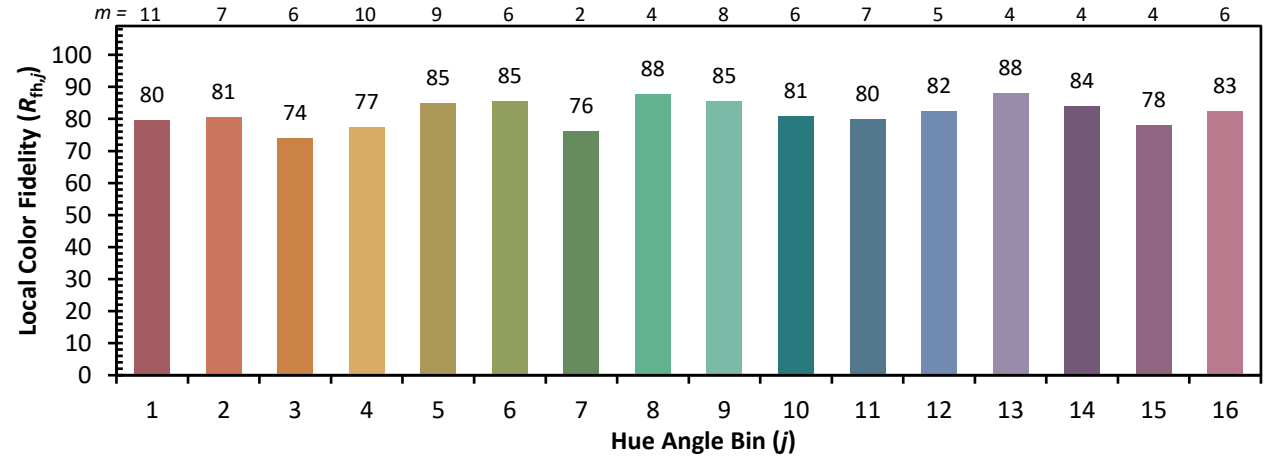
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Color Rendition by Hue-Angle Bin



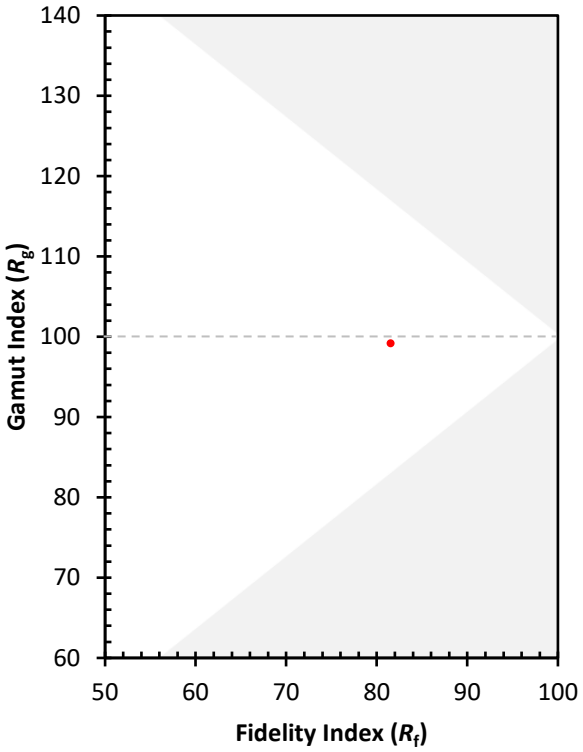


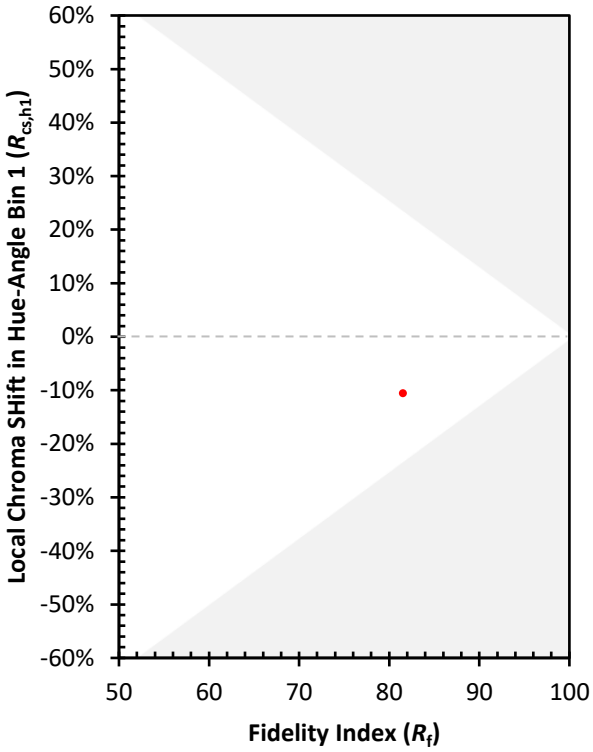


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Measure Comparisons





(END OF REPORT)