Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1200824

Luminaire Tested: GPC-SB2D-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:	P1200824
	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-SB2D-830-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II ROADWAY OPTIC
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18621 lumens
Efficiency:	N/A
Efficacy:	126.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

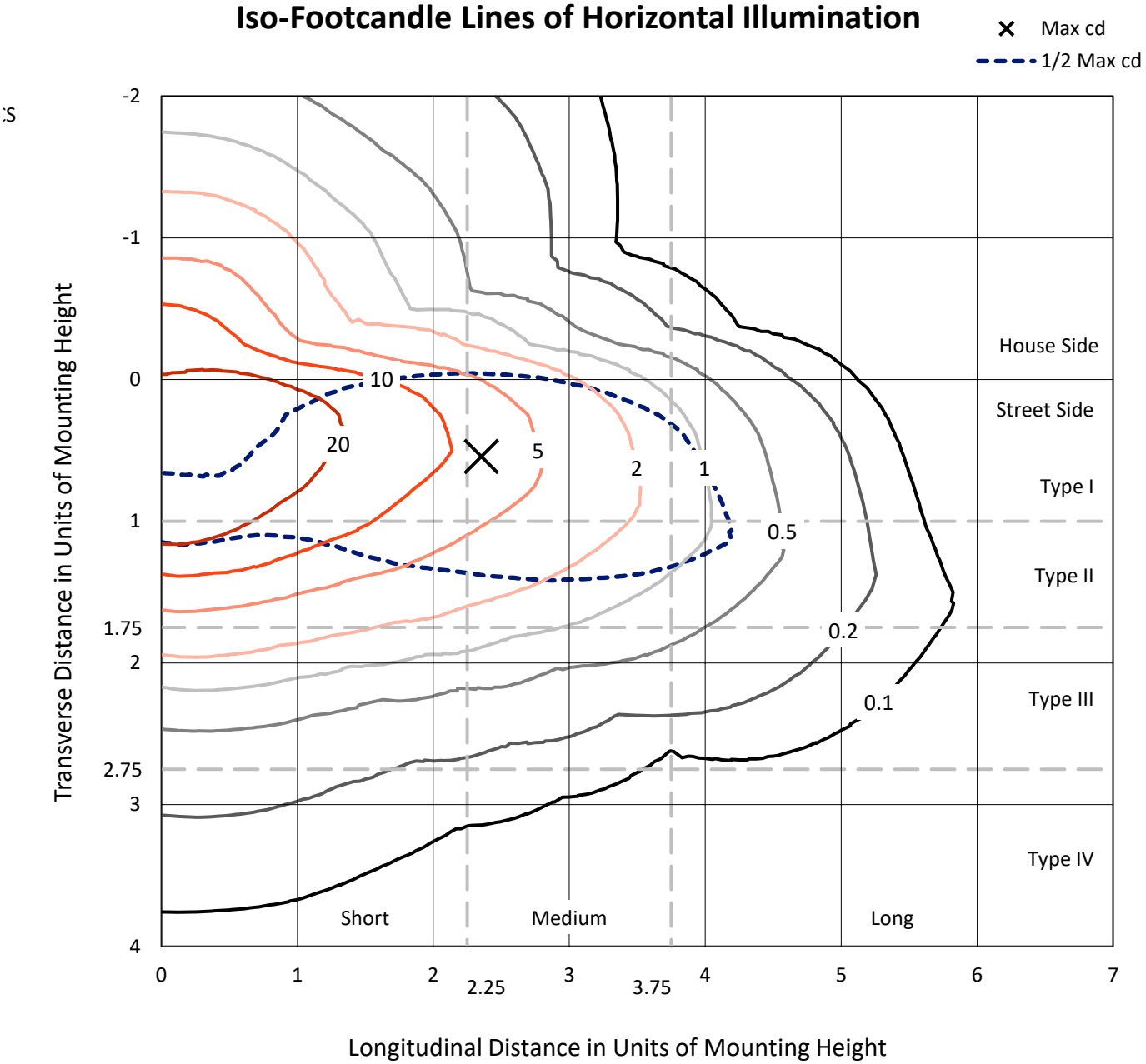


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Scaled Data Report

REPORT NUMBER: P1200824
CATALOG NUMBER: GPC-SB2D-830-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



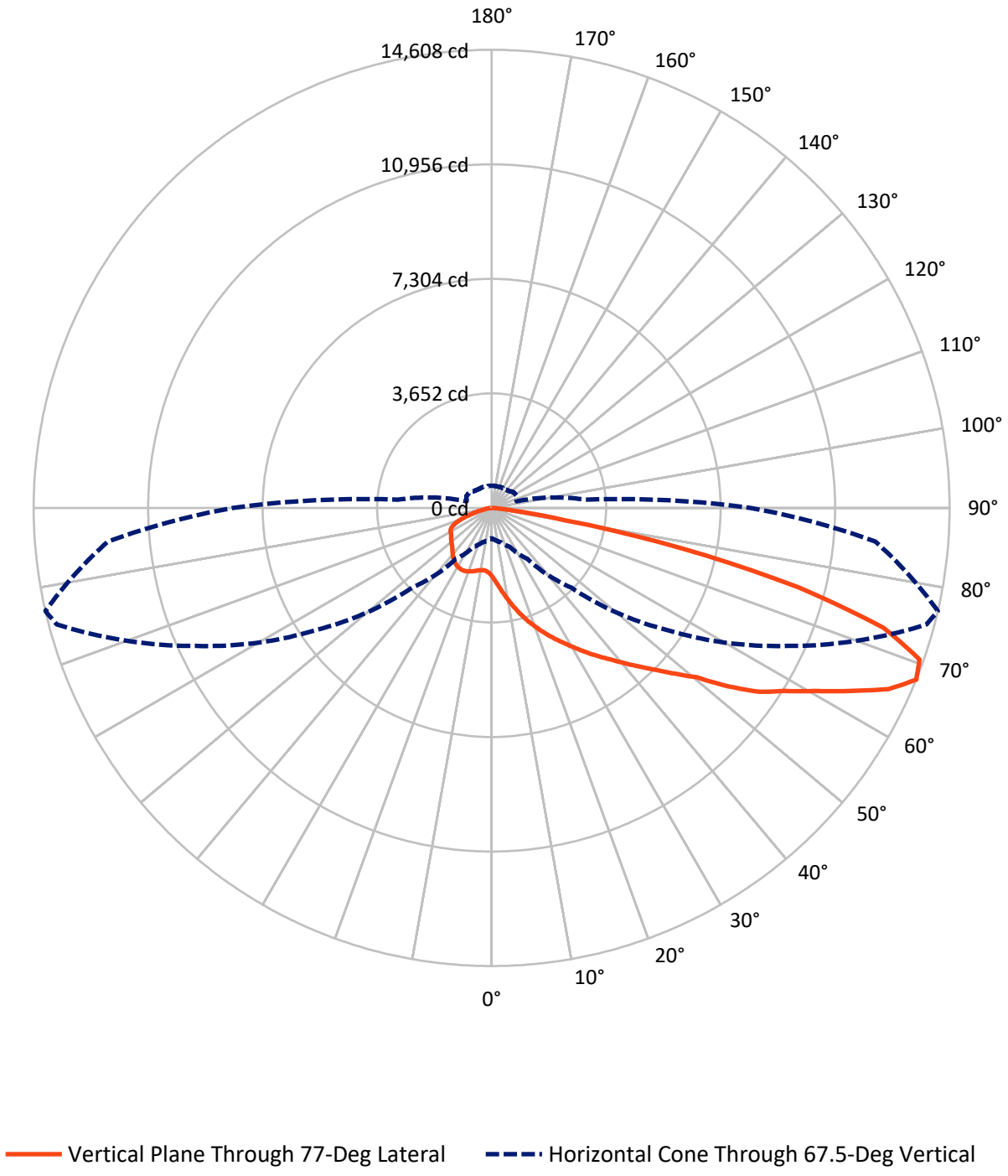
Based on 10 foot mounting height. Maximum calculated value = 42.6 fc
Type II - Medium - N/A

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REPORT NUMBER: P1200824
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Luminous Intensity Polar Plot



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Scaled Data Report

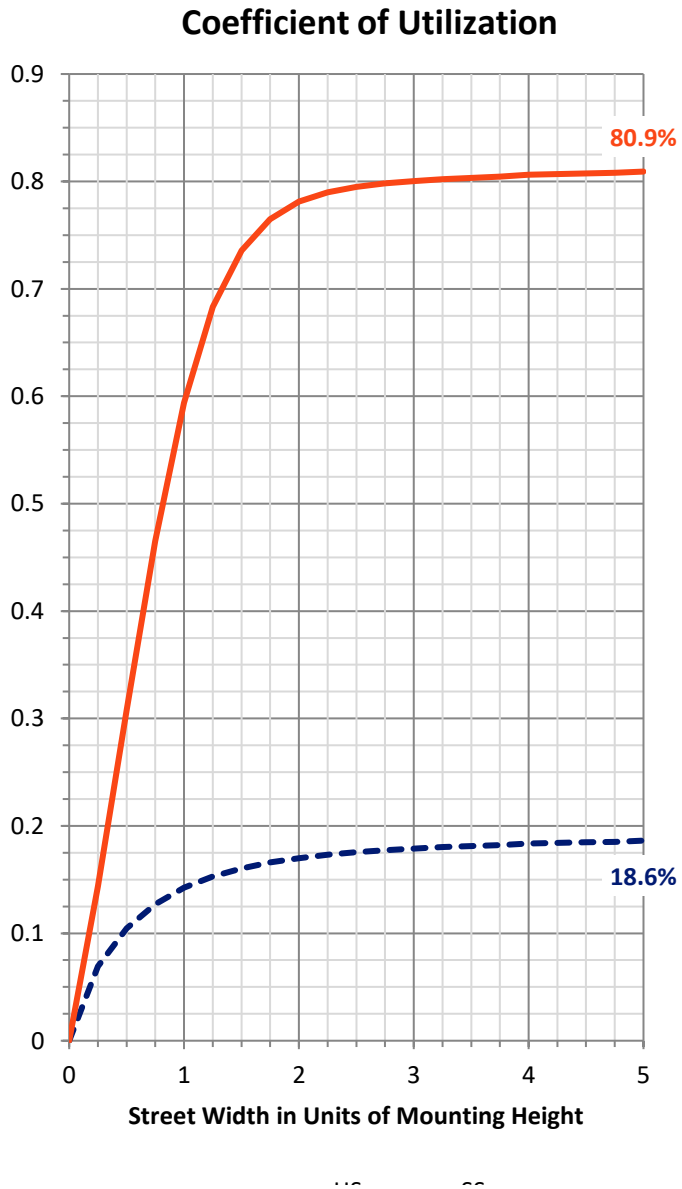
REPORT NUMBER: P1200824
CATALOG NUMBER: GPC-SB2D-830-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3522.3	0.0	3522.3
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	15098.6	0.0	15098.6
	% Fixture	81.1	0.0	81.1
Total	Lumens	18621.0	0.0	18621.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	234.2	1.3
10°-20°	841.3	4.5
20°-30°	1588.5	8.5
30°-40°	2559.1	13.7
40°-50°	3500.3	18.8
50°-60°	3948.4	21.2
60°-70°	3685.3	19.8
70°-80°	2020.2	10.8
80°-90°	243.7	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°	18621.0	100.0
0°-180°	18621.0	100.0



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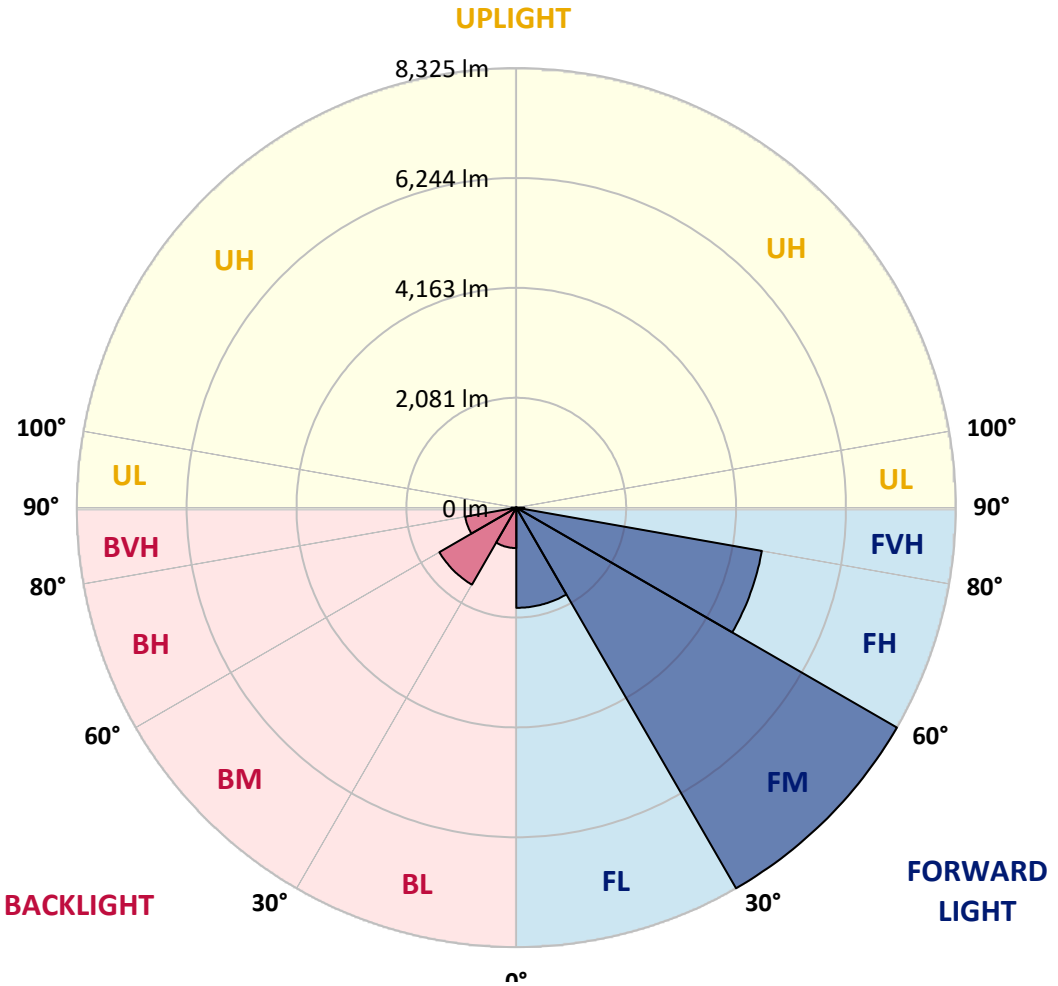
Scaled Data Report

REPORT NUMBER: P1200824
CATALOG NUMBER: GPC-SB2D-830-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1898.2	10.2			
FM	(30°-60°)	8325.2	44.7			
FH	(60°-80°)	4722.8	25.4			G2/5000
FVH	(80°-90°)	152.4	0.8			G2/225
BL	(0°-30°)	765.8	4.1	B2/1000		
BM	(30°-60°)	1682.5	9.0	B2/2500		
BH	(60°-80°)	982.7	5.3	B2/1000		G2/1000
BVH	(80°-90°)	91.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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Scaled Data Report

REPORT NUMBER: P1200824
CATALOG NUMBER: GPC-SB2D-830-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8	*2184.8*	2184.8
2.5°	2735.6	2754.8	2730.8	2730.8	2650.0	2607.8	2527.0	2465.5	2355.0	*2335.7*	2262.7
5°	3233.5	3257.5	3223.9	3209.5	3114.3	3026.8	2891.3	2757.7	2560.7	*2540.5*	2368.4
7.5°	3618.9	3649.7	3619.9	3604.5	3519.9	3421.9	3263.3	3076.8	2799.0	*2759.6*	2510.7
10°	3933.3	3938.1	3928.4	3934.2	3867.9	3787.2	3624.7	3407.5	3060.5	*3006.7*	2682.7
12.5°	4111.1	4133.2	4152.4	4187.0	4175.5	4125.5	3979.4	3719.9	3337.3	*3268.1*	2870.2
15°	4194.7	4233.2	4276.4	4356.2	4420.6	4433.1	4321.6	4055.3	3618.9	*3535.3*	3059.5
17.5°	4224.5	4261.0	4329.3	4444.6	4583.0	4676.3	4626.3	4381.2	3897.7	*3801.6*	3258.5
20°	4375.4	4386.0	4427.3	4536.9	4686.8	4841.6	4879.1	4694.5	4173.6	*4064.9*	3464.2
22.5°	4698.4	4677.2	4688.8	4738.7	4846.4	4996.4	5081.9	4971.4	4457.1	*4332.2*	3671.8
25°	5231.8	5170.3	5108.8	5051.1	5105.9	5190.5	5287.6	5248.2	4754.1	*4595.5*	3881.4
27.5°	5905.7	5830.7	5695.1	5505.8	5439.5	5469.3	5512.5	5504.8	5029.0	*4868.5*	4097.6
30°	6568.9	6481.4	6319.9	6046.0	5871.0	5792.2	5759.5	5737.4	5328.0	*5156.9*	4315.8
32.5°	7098.5	7029.3	6870.7	6564.1	6310.3	6175.8	6067.1	5988.3	5640.4	*5469.3*	4546.5
35°	7561.8	7497.4	7315.7	6981.2	6705.4	6562.2	6419.9	6251.7	5965.2	*5792.2*	4794.5
37.5°	7984.7	7920.3	7671.4	7323.4	7045.6	6946.6	6819.8	6534.3	6291.1	*6127.7*	5056.9
40°	8252.0	8237.5	8004.9	7610.8	7322.5	7273.4	7231.2	6862.1	6652.5	*6500.6*	5345.3
42.5°	8320.2	8351.9	8167.4	7843.4	7568.5	7529.1	7628.1	7233.1	7058.1	*6913.0*	5672.1
45°	8155.8	8247.1	8126.0	7905.9	7743.5	7722.3	7979.9	7638.7	7507.0	*7374.4*	6066.2
47.5°	7739.6	7894.4	7844.4	7813.6	7790.6	7881.9	8289.4	8069.3	8015.5	*7900.2*	6516.0
50°	6899.5	7192.7	7280.2	7474.3	7697.3	8005.9	8571.1	8539.4	8609.5	*8493.2*	7063.9
52.5°	5447.2	5850.9	6358.4	6844.7	7410.9	7964.6	8880.6	9214.1	9510.2	*9446.7*	7934.8
55°	4496.5	4678.2	5068.4	5960.4	6855.3	7790.6	9020.0	9759.1	10404.1	*10347.4*	8595.1
57.5°	3766.0	3928.4	4168.8	4913.7	6015.2	7395.5	9106.5	10091.7	11016.4	*11010.6*	9246.8
60°	2982.6	3154.7	3400.7	3928.4	5033.8	6713.1	9087.2	10470.4	11797.8	*11845.9*	10041.7
62.5°	2098.3	2287.7	2560.7	3052.8	4031.3	5828.8	8695.1	10744.4	12717.7	*12848.4*	10998.1
65°	1379.3	1504.3	1710.0	2134.8	3003.8	4691.6	7946.3	10779.9	13702.0	*13923.1*	11895.9
67.5°	*967.0*	*1015.0*	*1136.1*	*1366.8*	*1980.1*	*3597.8*	*6753.4*	*10411.8*	*14358.5*	*14607.5*	*12285.2*
70°	754.5	778.6	840.1	932.4	1243.8	2419.4	5175.1	9454.4	14218.2	*14477.7*	11878.6
72.5°	651.7	674.8	697.8	709.4	834.3	1493.7	3505.5	7905.0	12896.5	*13072.4*	10328.2
75°	591.1	596.9	616.1	612.3	636.3	968.9	2023.3	5759.5	10175.3	*10114.8*	7624.3
77.5°	496.9	504.6	536.4	531.5	565.2	662.3	1050.6	3717.0	6596.8	*6185.4*	4243.7
80°	421.0	424.9	459.5	453.7	491.2	479.6	536.4	1894.5	2798.1	*2370.3*	1223.6
82.5°	146.1	180.7	350.8	361.4	374.9	290.3	309.5	772.8	854.5	*654.6*	256.6
85°	71.1	75.9	178.8	253.8	252.8	146.1	150.9	275.9	269.1	*211.5*	85.5
87.5°	11.5	14.4	21.1	99.0	78.8	38.4	51.9	53.8	55.7	*48.1*	19.2
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: P1200824
CATALOG NUMBER: GPC-SB2D-830-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8	2184.8
2.5°	2208.9	2160.8	2059.9	1966.6	1893.6	1823.4	1784.0	1750.4	1731.1	1727.3	1727.3
5°	2268.4	2169.4	1985.9	1831.1	1730.2	1655.2	1615.8	1590.8	1578.3	1570.6	1569.6
7.5°	2354.0	2208.9	1947.4	1771.5	1665.8	1611.9	1591.8	1587.9	1587.0	1587.9	1590.8
10°	2472.2	2273.3	1943.6	1757.1	1668.7	1638.9	1637.9	1638.9	1642.7	1643.7	1644.6
12.5°	2600.1	2339.6	1958.9	1769.6	1705.2	1688.8	1686.0	1685.0	1687.9	1689.8	1690.8
15°	2739.4	2427.0	1984.9	1796.5	1745.6	1728.2	1725.4	1719.6	1718.6	1717.7	1716.7
17.5°	2882.7	2513.6	2013.7	1825.3	1771.5	1747.5	1736.9	1723.4	1712.9	1710.0	1712.9
20°	3027.8	2599.1	2033.9	1839.7	1773.4	1739.8	1718.6	1695.6	1677.3	1666.7	1670.6
22.5°	3182.6	2688.5	2046.4	1835.9	1756.1	1710.0	1671.5	1644.6	1616.7	1598.5	1599.4
25°	3333.5	2766.4	2045.4	1815.7	1722.5	1663.8	1614.8	1580.2	1541.8	1522.6	1522.6
27.5°	3478.6	2836.5	2021.4	1780.2	1674.4	1609.1	1550.4	1509.1	1471.6	1453.3	1452.4
30°	3628.6	2895.2	1983.9	1728.2	1617.7	1545.6	1481.2	1445.7	1412.0	1394.7	1393.7
32.5°	3777.5	2949.0	1931.1	1663.8	1552.3	1483.1	1419.7	1387.0	1366.8	1366.8	1367.8
35°	3935.2	2986.5	1860.9	1588.9	1483.1	1416.8	1366.8	1347.6	1345.7	1334.2	1331.3
37.5°	4101.5	3010.5	1775.3	1512.0	1414.9	1352.4	1337.0	1314.0	1294.7	1269.8	1265.9
40°	4276.4	3034.5	1672.5	1432.2	1342.8	1308.2	1301.5	1270.7	1215.9	1154.4	1145.8
42.5°	4488.8	3050.9	1565.8	1352.4	1266.9	1255.3	1264.9	1212.1	1124.6	1078.5	1079.4
45°	4734.9	3077.8	1467.8	1273.6	1189.0	1189.0	1229.4	1160.2	1088.1	1059.2	1064.1
47.5°	5054.0	3140.3	1376.4	1187.1	1116.9	1136.1	1150.6	1097.7	1057.3	1021.8	1020.8
50°	5515.4	3290.2	1282.2	1099.6	1062.1	1100.6	1080.4	1049.6	1002.5	973.7	970.8
52.5°	6088.3	3378.6	1198.6	1020.8	1015.0	1053.5	1024.6	995.8	960.2	921.8	914.1
55°	6478.5	3395.0	1128.5	963.1	983.3	979.5	968.9	942.9	923.7	872.8	873.7
57.5°	6914.9	3427.7	1070.8	928.5	963.1	920.8	917.0	894.9	869.9	835.3	823.8
60°	7436.9	3478.6	1020.8	915.1	945.8	882.4	863.2	854.5	829.5	812.2	817.0
62.5°	8005.9	3524.7	969.9	917.0	925.6	844.9	816.1	813.2	797.8	792.0	792.0
65°	8394.2	3398.8	906.4	915.1	893.9	806.5	769.9	769.0	756.5	754.5	753.6
67.5°	*8258.7*	*2999.9*	*820.9*	*888.2*	*861.2*	*768.0*	*727.6*	*723.8*	*707.4*	*708.4*	*708.4*
70°	7580.1	2430.9	702.6	821.8	820.9	733.4	683.4	670.9	648.8	652.7	656.5
72.5°	6307.4	1801.3	544.0	711.3	756.5	701.7	632.5	612.3	584.4	588.3	587.3
75°	4555.2	1224.6	396.0	541.2	658.4	664.2	582.5	547.9	514.2	520.0	521.9
77.5°	2330.9	694.0	291.2	372.9	517.1	603.6	537.3	491.2	483.5	537.3	529.6
80°	760.3	348.0	201.9	261.4	339.3	494.1	471.0	418.1	416.2	428.7	368.1
82.5°	226.8	147.1	129.8	172.1	187.4	378.7	406.6	316.2	272.0	286.4	296.1
85°	77.9	71.1	74.0	85.5	89.4	222.0	284.5	209.5	198.0	218.2	215.3
87.5°	18.3	25.0	21.1	19.2	19.2	53.8	110.5	87.5	121.1	80.7	77.9
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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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

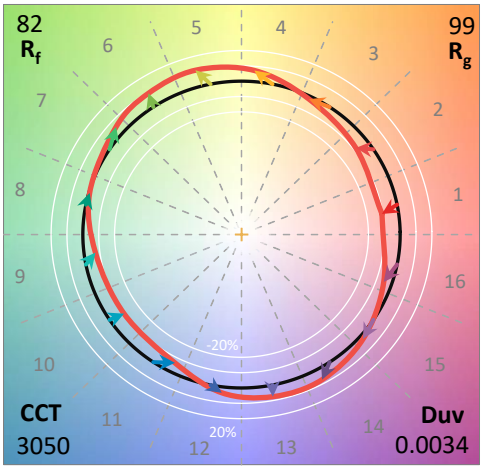
Test Information

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

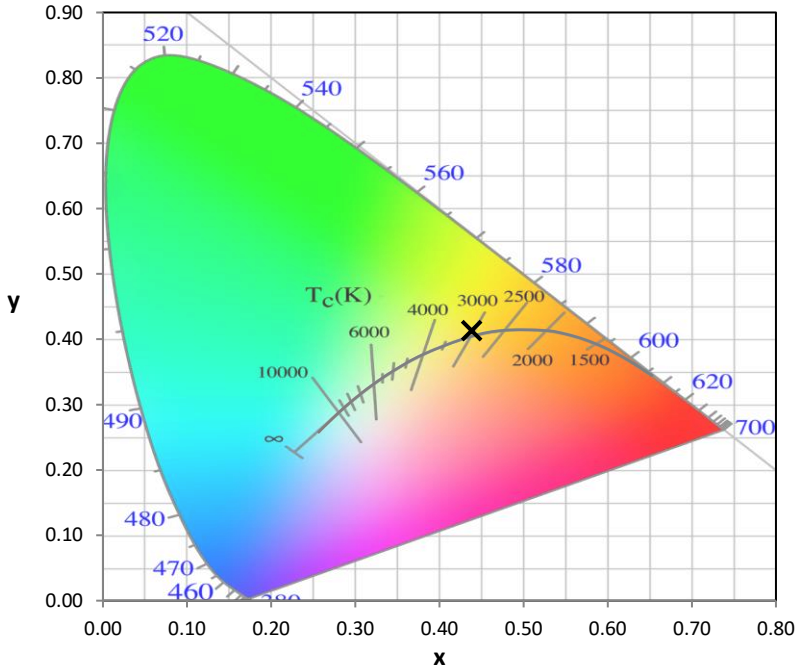
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

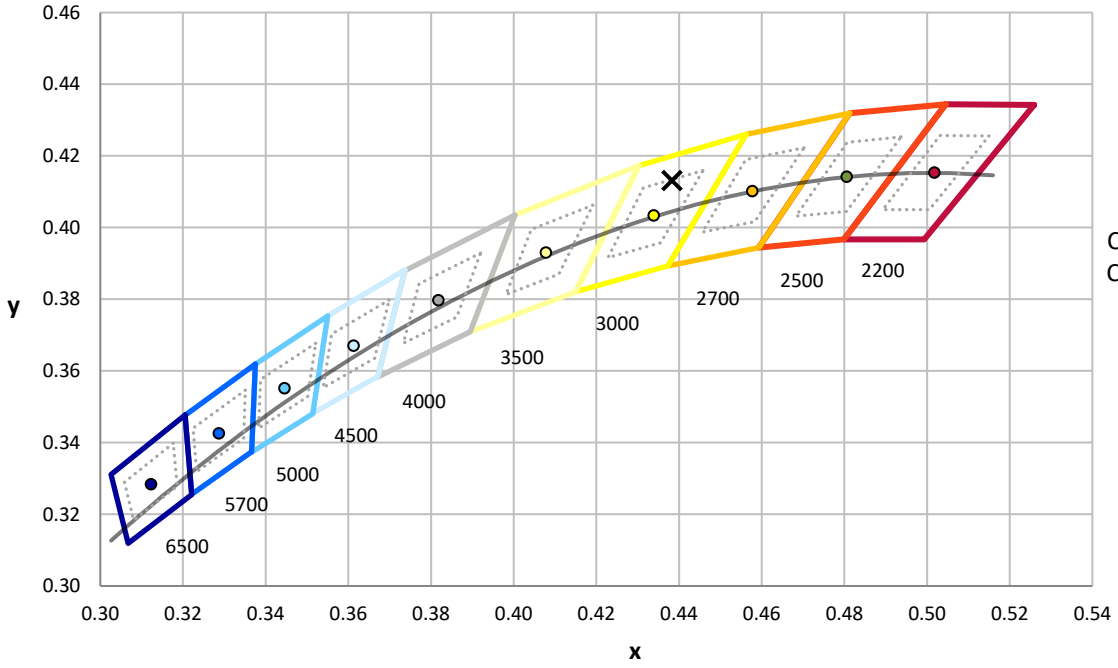
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

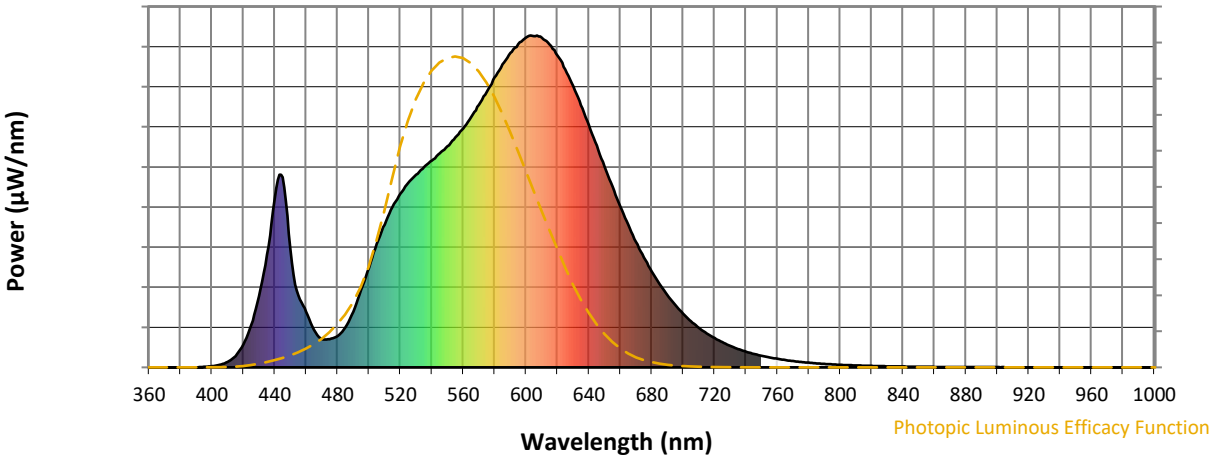


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

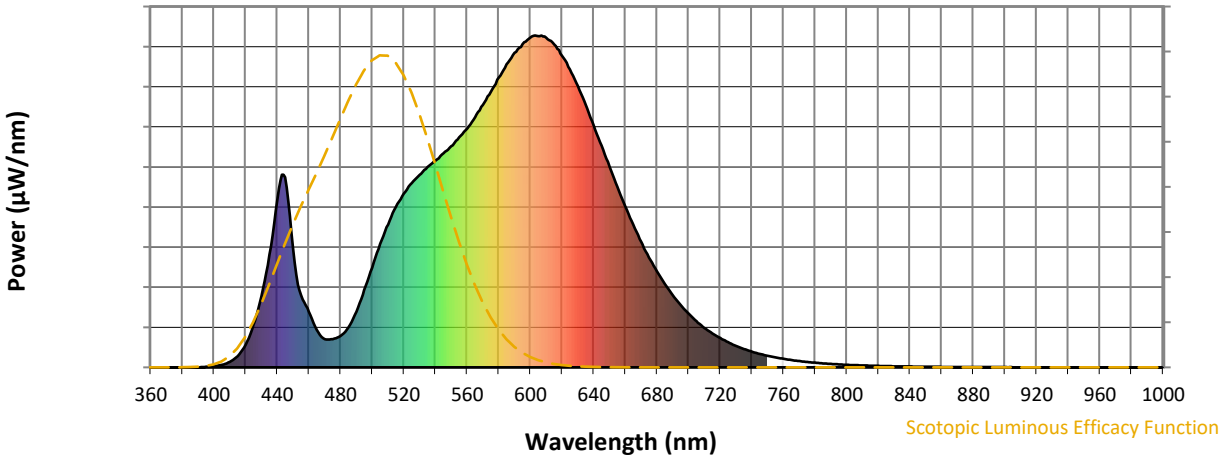


Photopic Lumens: NR

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

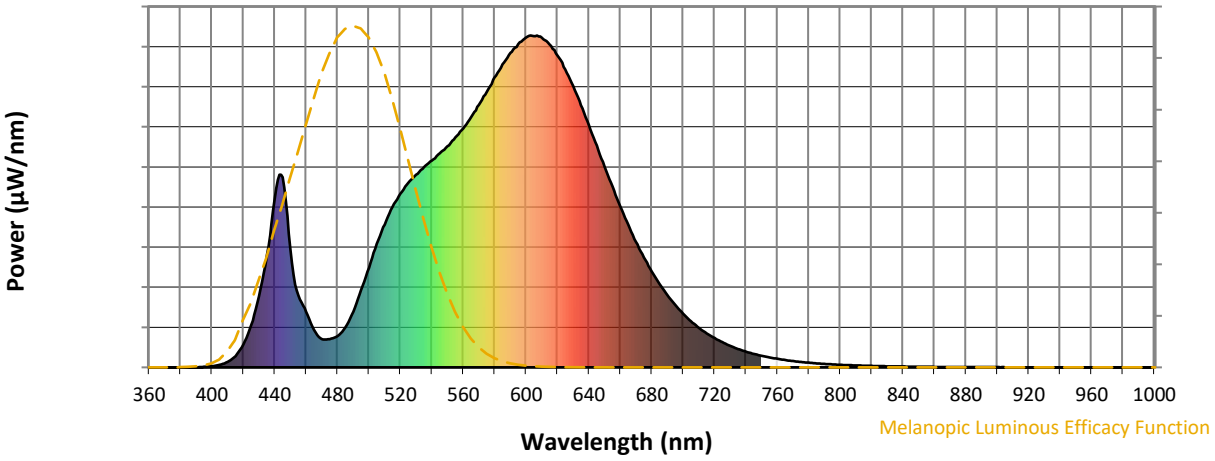


Scotopic Lumens: NR **S/P: 1.27**

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			

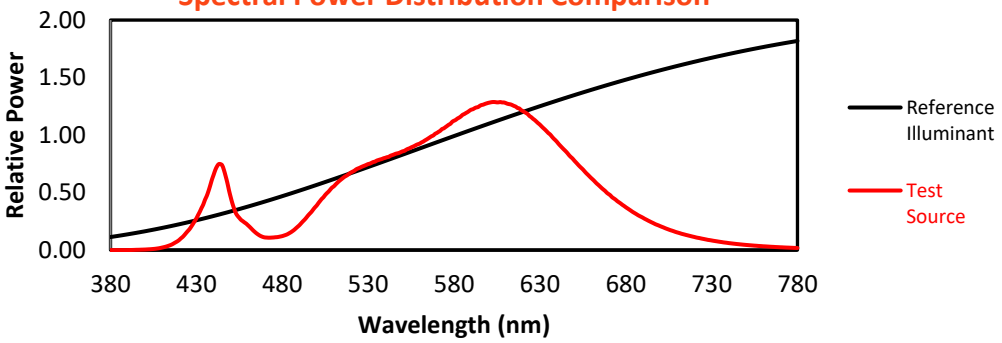
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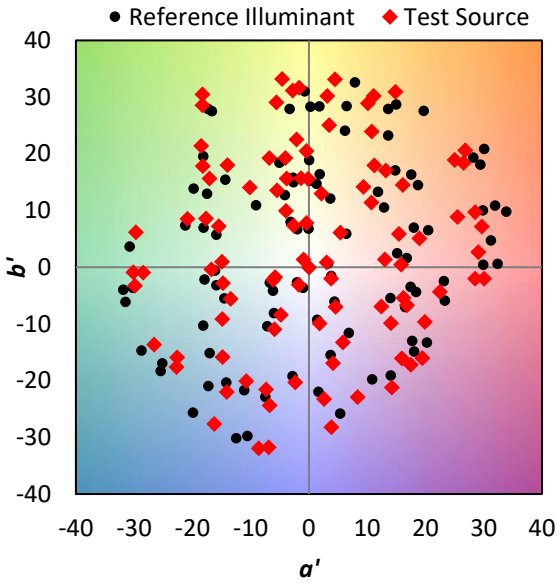
Summary

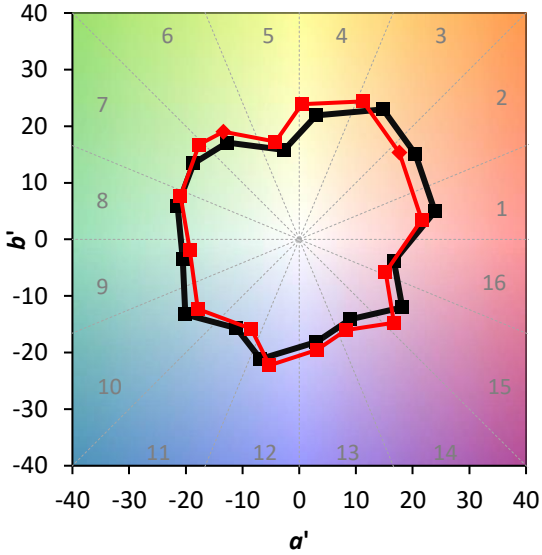
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

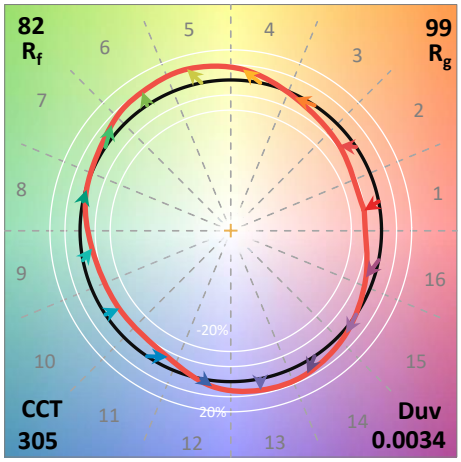
Spectral Power Distribution Comparison

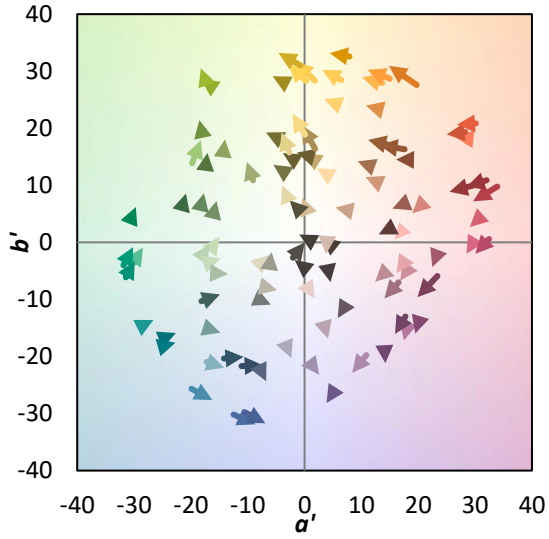


Color Vector Graphics







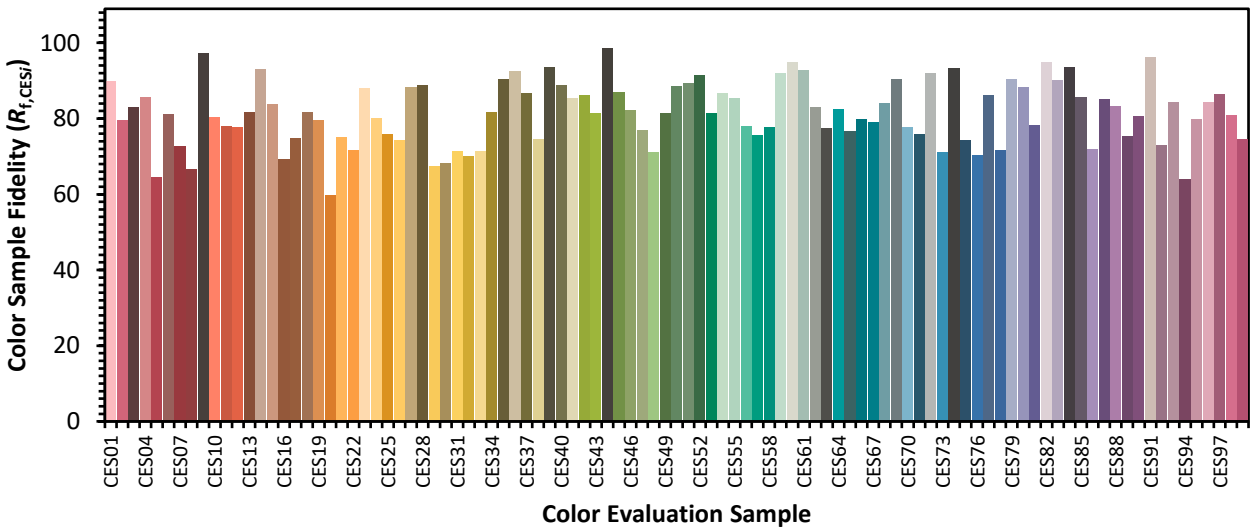


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Individual Sample Fidelity Index ($R_{f,i}$)

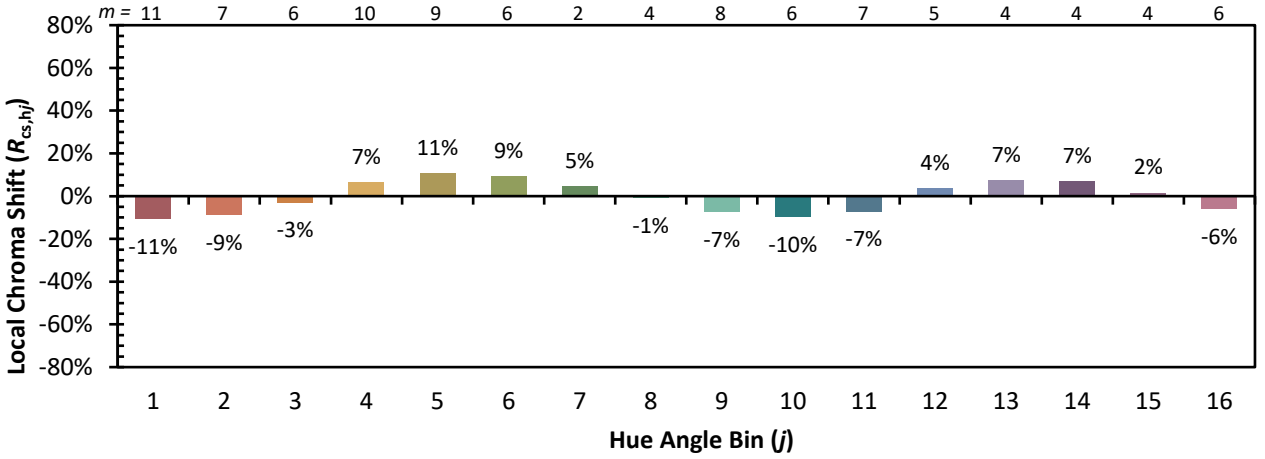
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

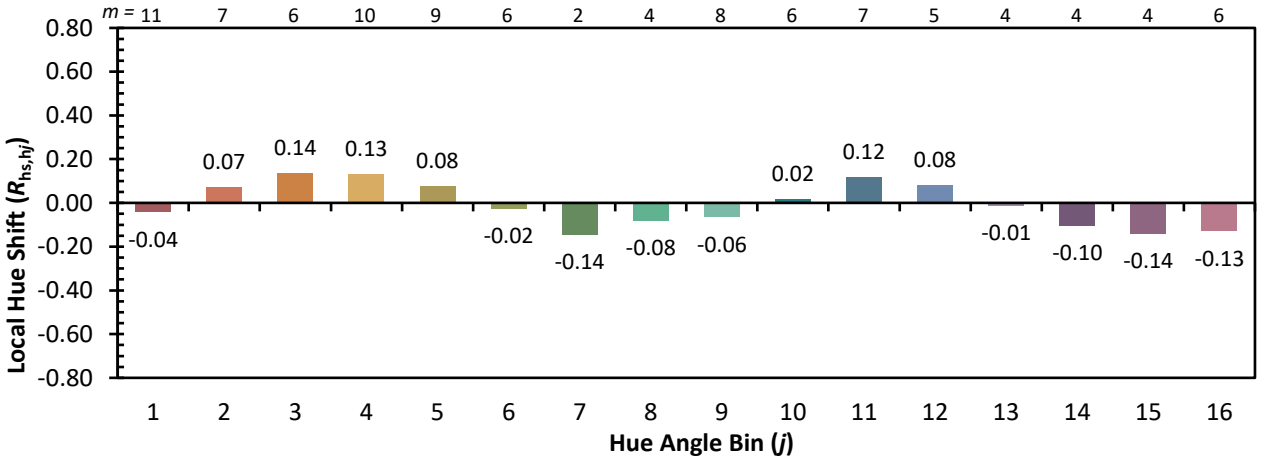


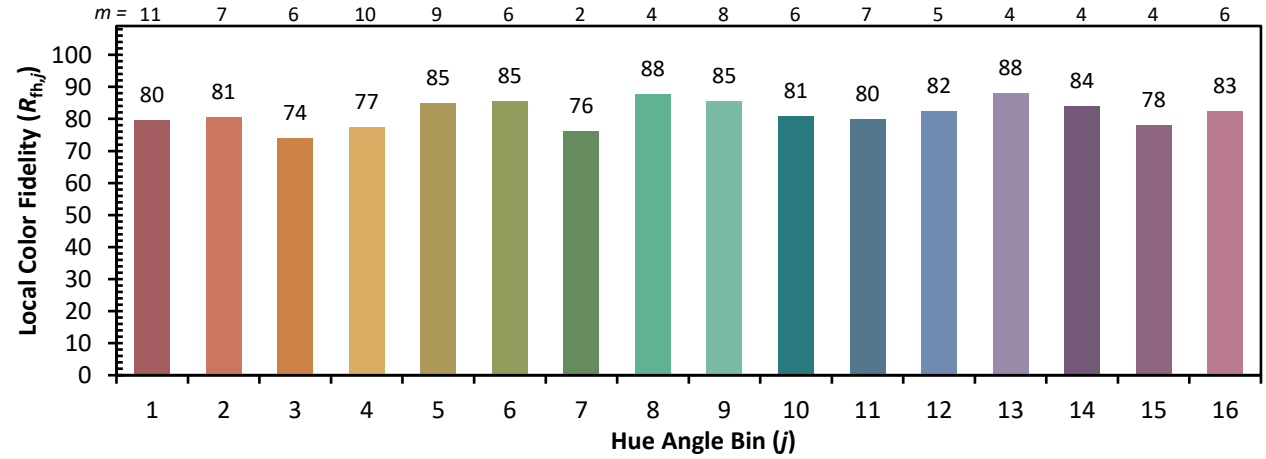
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Color Rendition by Hue-Angle Bin



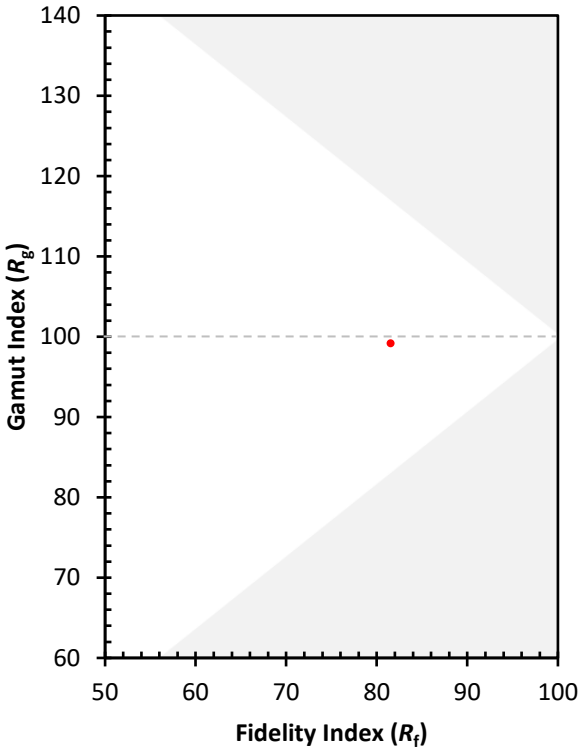


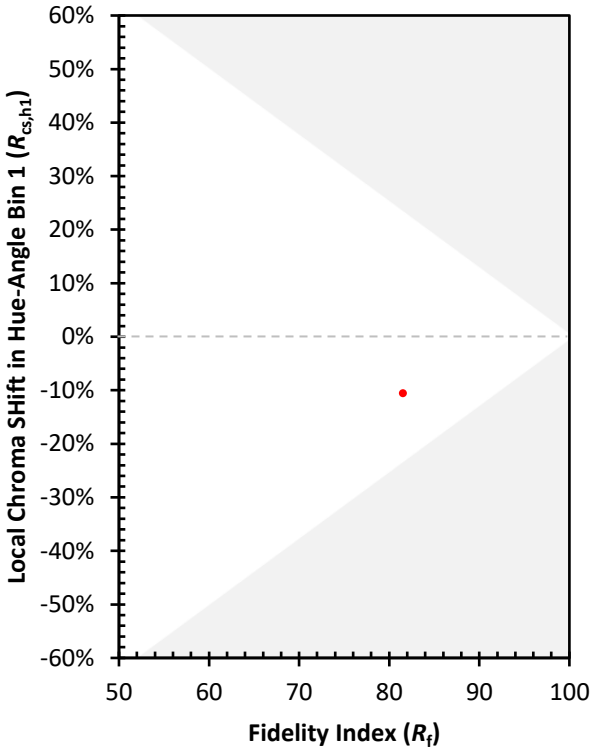


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Measure Comparisons





(END OF REPORT)