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: P1199400

Luminaire Tested: GPC-SB2A-830-U-T3R

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:	P1199400
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-830-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI(
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8273 lumens
Efficiency:	N/A
Efficacy:	144.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

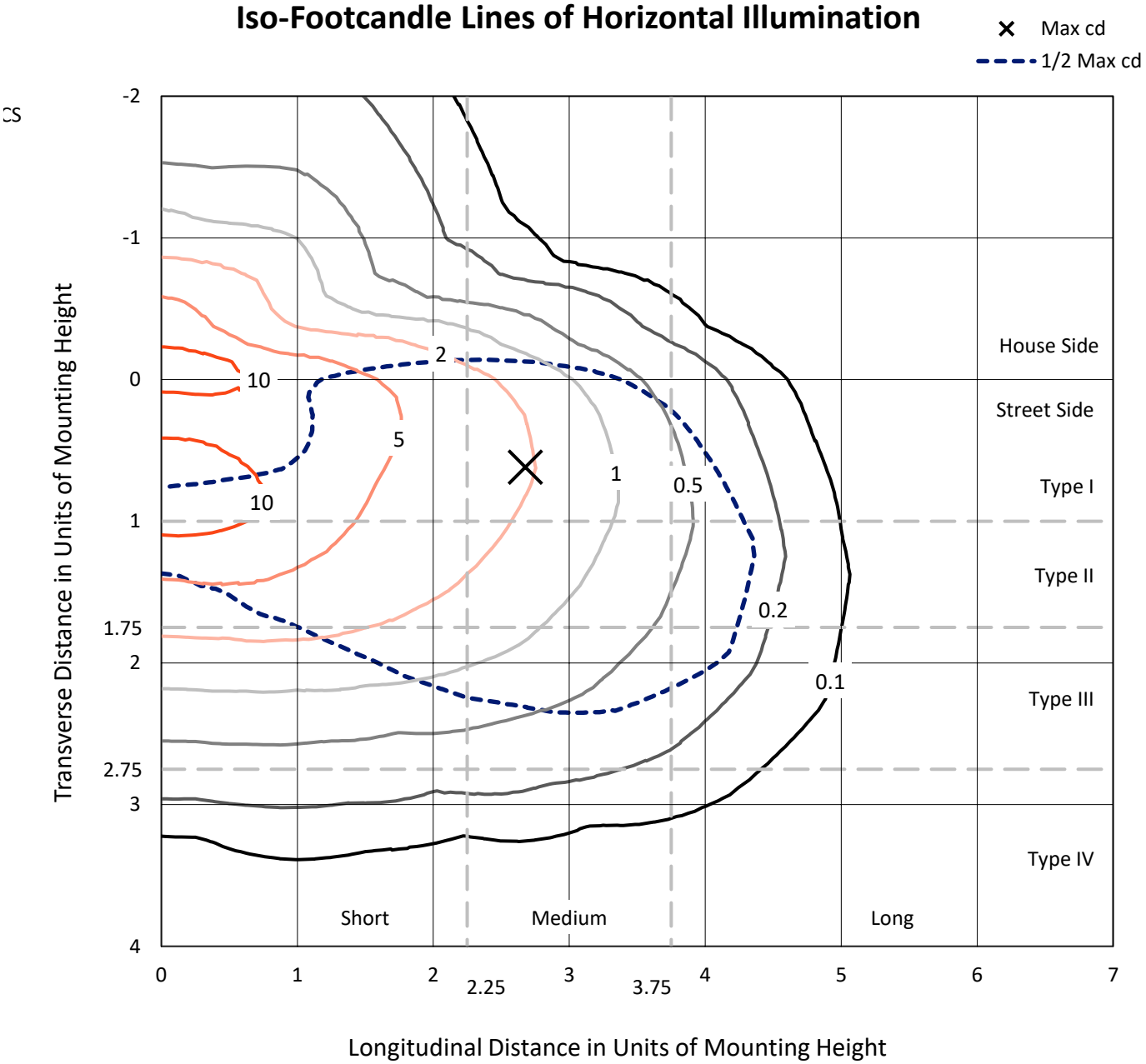


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Scaled Data Report

REPORT NUMBER: P1199400
CATALOG NUMBER: GPC-SB2A-830-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



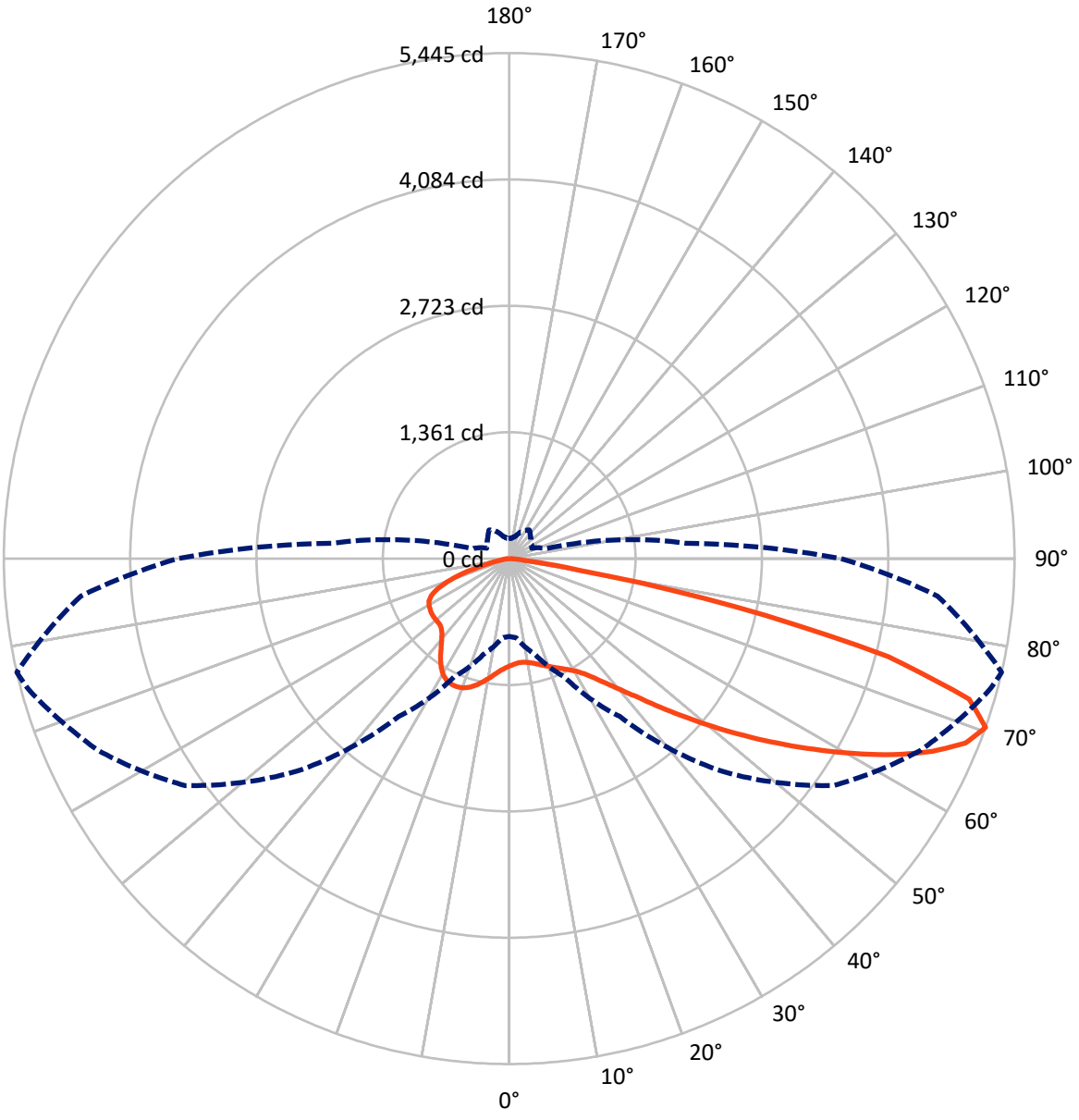
Based on 10 foot mounting height. Maximum calculated value = 13.7 fc
Type III - Medium - N/A

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REPORT NUMBER: P1199400
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Luminous Intensity Polar Plot



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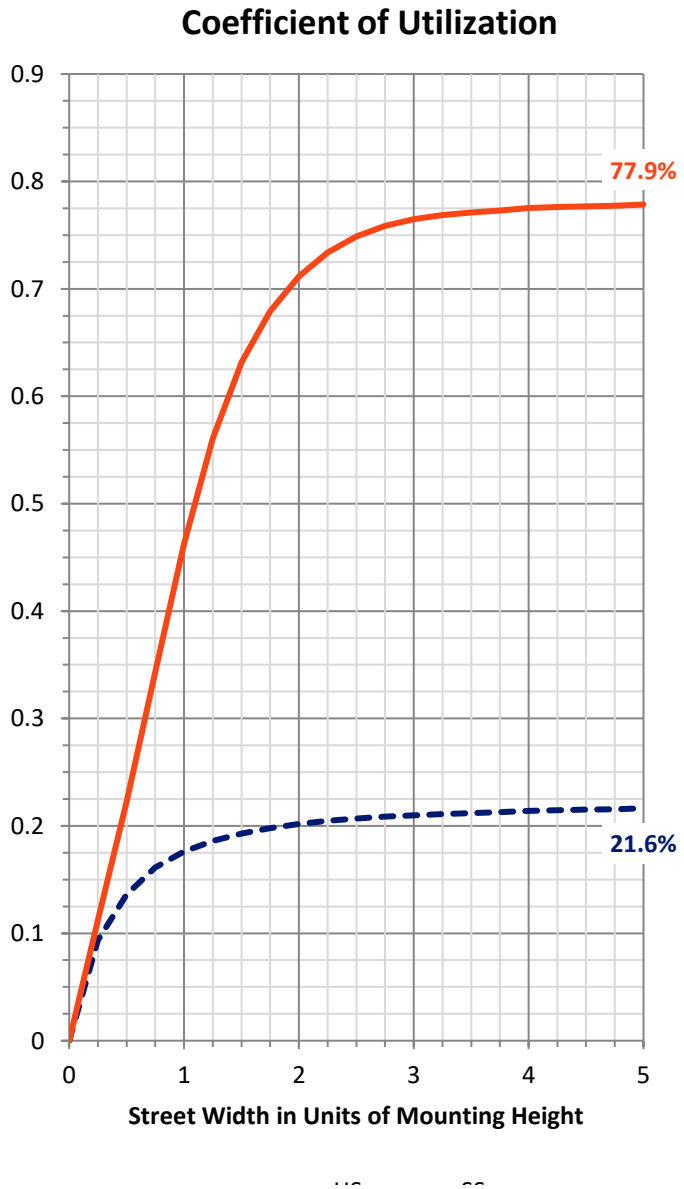
REPORT NUMBER: P1199400
CATALOG NUMBER: GPC-SB2A-830-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1811.7	0.0	1811.7
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	6461.3	0.0	6461.3
	% Fixture	78.1	0.0	78.1
Total	Lumens	8273.0	0.0	8273.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.1	1.3
10°-20°	317.7	3.8
20°-30°	543.3	6.6
30°-40°	873.7	10.6
40°-50°	1364.0	16.5
50°-60°	1822.0	22.0
60°-70°	1942.0	23.5
70°-80°	1195.5	14.5
80°-90°	104.8	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°	8273.0	100.0
0°-180°	8273.0	100.0



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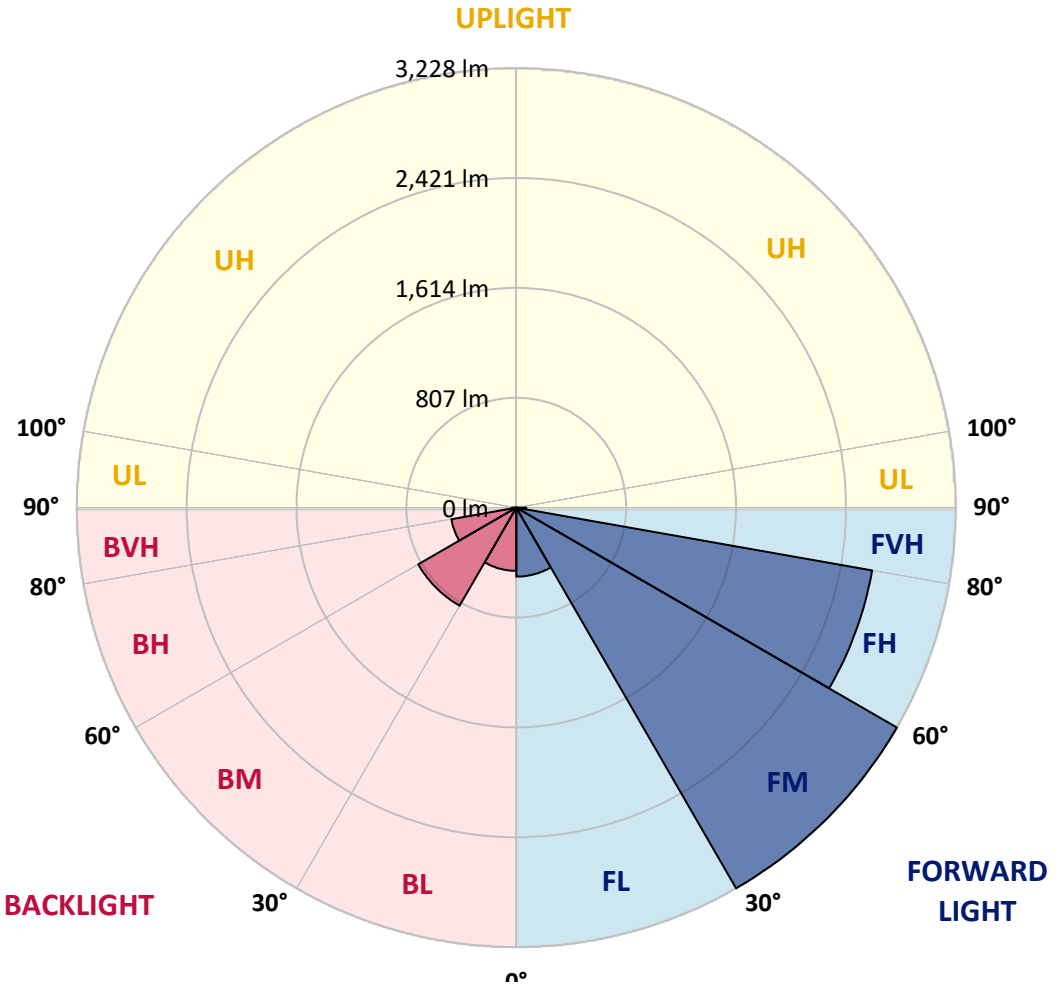
Scaled Data Report

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CATALOG NUMBER: GPC-SB2A-830-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	506.9	6.1			
FM	(30°-60°)	3227.9	39.0			
FH	(60°-80°)	2653.3	32.1			G2/5000
FVH	(80°-90°)	73.3	0.9			G1/100
BL	(0°-30°)	464.2	5.6	B1/500		
BM	(30°-60°)	831.8	10.1	B1/1000		
BH	(60°-80°)	484.2	5.9	B1/500		G1/500
BVH	(80°-90°)	31.5	0.4			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 III Medium



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Scaled Data Report

REPORT NUMBER: P1199400
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2
2.5°	1063.9	1063.5	1069.0	1070.7	1080.9	1088.1	1101.6	1116.0	1134.7	1136.8	1148.2
5°	1002.5	1002.5	1008.8	1015.6	1028.7	1043.1	1063.9	1088.9	1121.1	1126.2	1154.6
7.5°	950.4	953.7	959.3	972.4	987.6	1008.4	1040.2	1075.8	1118.1	1126.2	1172.0
10°	908.4	912.2	919.0	929.6	952.5	981.3	1022.8	1068.6	1125.3	1138.1	1197.4
12.5°	895.3	899.1	902.9	911.0	932.1	966.0	1015.6	1072.0	1142.7	1155.4	1232.1
15°	925.8	930.4	927.5	925.4	936.4	967.3	1019.0	1084.2	1164.3	1182.5	1274.9
17.5°	996.1	997.8	991.0	971.1	969.4	986.0	1035.1	1101.2	1191.4	1211.4	1318.1
20°	1109.7	1106.7	1092.7	1053.3	1030.9	1027.5	1062.6	1126.6	1219.4	1240.6	1364.7
22.5°	1263.9	1260.5	1232.5	1170.3	1120.3	1087.2	1102.5	1159.7	1250.8	1274.5	1410.1
25°	1456.3	1451.6	1410.5	1325.8	1248.2	1166.4	1156.7	1203.3	1289.3	1311.4	1457.5
27.5°	1680.8	1677.0	1632.5	1520.7	1408.8	1274.9	1224.1	1254.6	1329.6	1354.6	1510.9
30°	1922.3	1933.3	1854.5	1734.2	1592.7	1416.4	1314.7	1317.7	1381.7	1404.1	1575.7
32.5°	2206.2	2225.3	2130.4	1977.8	1784.6	1570.2	1429.1	1405.8	1457.5	1476.2	1657.5
35°	2487.5	2509.2	2430.3	2261.7	2039.3	1751.6	1548.6	1507.1	1558.4	1578.7	1766.0
37.5°	2730.7	2759.6	2718.9	2572.3	2311.7	1970.2	1704.5	1626.2	1682.5	1707.9	1911.7
40°	2922.7	2966.7	2963.8	2872.3	2632.9	2235.4	1902.4	1773.2	1836.7	1864.3	2088.4
42.5°	3078.6	3116.7	3149.8	3145.1	2968.0	2536.7	2135.0	1964.3	2012.6	2044.4	2287.1
45°	3186.2	3226.9	3298.1	3374.8	3290.5	2859.1	2401.5	2191.0	2235.0	2282.9	2524.0
47.5°	3282.4	3328.6	3421.0	3542.6	3564.2	3182.8	2693.5	2454.9	2495.2	2544.7	2761.7
50°	3290.9	3330.7	3473.9	3646.4	3758.6	3493.8	3007.0	2751.1	2788.8	2841.8	3016.3
52.5°	3086.2	3148.9	3398.9	3643.4	3848.0	3754.0	3318.4	3059.1	3101.5	3165.0	3279.9
55°	2395.6	2487.5	3179.0	3529.8	3816.3	3922.2	3614.6	3386.6	3440.9	3507.4	3545.1
57.5°	2063.4	2103.7	2523.6	3323.1	3671.4	3965.8	3864.6	3717.5	3804.8	3877.7	3825.6
60°	1854.5	1888.0	2136.3	3001.5	3480.7	3896.8	4057.8	4026.0	4176.8	4263.7	4112.4
62.5°	1630.8	1662.6	1888.4	2506.2	3236.6	3781.9	4179.8	4310.7	4558.2	4653.1	4382.8
65°	1408.8	1435.9	1652.4	2105.8	2926.5	3667.1	4242.9	4556.9	4911.1	5009.4	4607.3
67.5°	1161.4	1183.8	1388.5	1776.6	2549.4	3509.9	4274.3	4750.5	5218.3	5302.6	4718.3
70°	838.1	855.5	1066.9	1405.0	2076.1	3239.6	4261.6	4887.8	5377.6	5445.0	4634.4
72.5°	396.2	411.8	660.1	912.2	1466.4	2713.4	4004.4	4778.9	5215.7	5182.3	4120.9
75°	211.4	225.0	379.2	500.4	774.5	1860.0	3276.9	4116.7	4379.8	4217.1	3045.6
77.5°	143.2	153.8	234.7	300.4	353.8	883.0	2106.2	2850.2	2742.2	2473.6	1525.3
80°	113.6	124.6	192.4	203.4	171.2	319.0	870.3	1319.4	947.8	758.0	433.9
82.5°	87.3	99.6	161.9	147.4	93.2	130.9	253.4	417.3	242.8	184.7	105.1
85°	53.4	66.5	127.1	94.1	52.5	59.7	86.0	116.1	74.1	61.9	37.7
87.5°	27.1	38.1	64.4	34.3	23.7	14.0	22.9	22.9	19.5	16.9	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: P1199400
CATALOG NUMBER: GPC-SB2A-830-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2	1154.2
2.5°	1158.4	1166.9	1181.3	1194.8	1205.4	1215.6	1225.8	1231.3	1233.0	1239.7	1243.6
5°	1172.0	1187.6	1215.6	1241.9	1258.4	1268.6	1275.8	1280.0	1280.8	1283.0	1286.4
7.5°	1197.0	1222.0	1260.9	1287.2	1299.5	1298.6	1295.7	1285.1	1280.8	1277.0	1277.9
10°	1232.1	1265.2	1313.0	1331.3	1323.6	1303.3	1277.0	1246.1	1231.7	1217.7	1213.5
12.5°	1275.8	1317.7	1364.7	1363.9	1326.2	1274.1	1213.1	1165.6	1135.5	1113.9	1108.8
15°	1328.7	1377.0	1413.0	1384.2	1301.6	1208.0	1118.6	1056.7	1029.6	1005.9	1003.3
17.5°	1383.4	1435.1	1451.6	1377.9	1239.7	1110.1	1008.8	960.1	933.4	920.7	924.5
20°	1436.8	1488.0	1474.5	1341.4	1145.7	999.1	908.8	882.1	876.6	879.6	878.3
22.5°	1493.1	1538.9	1479.1	1271.1	1025.8	885.5	836.0	836.8	849.1	858.0	860.1
25°	1550.7	1581.7	1466.8	1169.4	897.0	802.1	789.8	803.3	827.5	844.9	849.5
27.5°	1606.2	1619.8	1440.2	1043.6	786.4	742.3	744.4	772.4	808.8	833.0	838.9
30°	1669.0	1653.7	1388.9	902.1	709.7	691.1	708.9	741.5	777.9	799.5	804.6
32.5°	1739.7	1682.9	1307.5	771.1	655.5	650.0	679.2	700.4	716.5	722.8	726.2
35°	1827.8	1724.0	1203.3	679.2	606.7	619.9	647.8	637.2	630.9	627.5	630.9
37.5°	1942.2	1779.5	1081.3	619.4	567.3	598.3	609.7	576.7	551.7	539.4	542.3
40°	2079.9	1860.9	963.9	573.3	542.3	579.6	559.7	519.9	488.1	470.7	472.0
42.5°	2232.9	1946.1	865.2	538.5	528.4	564.4	522.8	475.4	424.1	418.6	424.1
45°	2393.5	2033.8	797.8	511.8	521.6	551.2	501.7	425.0	388.5	411.0	422.9
47.5°	2554.1	2114.3	757.2	491.9	518.2	536.4	483.0	397.0	371.2	403.8	419.0
50°	2732.9	2186.3	738.9	477.5	514.4	530.5	455.1	389.8	352.9	374.6	390.7
52.5°	2910.4	2242.2	725.4	463.1	508.9	525.8	441.5	381.3	330.9	332.2	341.1
55°	3087.5	2278.7	710.5	444.0	496.6	515.6	440.2	372.0	314.4	308.5	312.7
57.5°	3276.5	2299.4	692.3	422.9	475.4	489.8	439.0	364.8	309.3	299.6	300.8
60°	3468.8	2329.9	668.6	397.0	447.0	458.9	436.0	362.3	306.3	289.8	291.1
62.5°	3641.3	2340.5	640.2	372.4	410.6	428.4	429.6	360.1	298.3	269.9	269.9
65°	3754.4	2294.8	590.6	344.5	371.2	397.0	417.3	352.9	283.9	255.5	255.5
67.5°	3749.7	2164.3	513.1	308.5	333.0	362.3	399.5	340.7	266.5	237.7	239.0
70°	*3575.2*	*1906.7*	*414.8*	*266.5*	*291.1*	*325.0*	*376.7*	*322.4*	*245.7*	*218.2*	*220.7*
72.5°	3066.3	1492.3	301.3	217.4	242.4	286.4	347.0	300.4	224.6	200.8	199.6
75°	2190.5	944.4	204.2	166.9	188.5	242.8	310.1	274.6	205.1	201.7	190.2
77.5°	1119.0	451.2	135.2	122.0	131.3	191.5	260.6	245.3	208.0	166.5	148.3
80°	364.0	166.5	85.2	83.0	87.3	127.5	201.7	201.3	157.6	113.1	100.0
82.5°	116.1	71.6	55.5	53.4	51.3	80.1	140.7	159.3	106.3	71.6	71.2
85°	46.2	42.8	32.6	30.1	21.6	37.7	73.7	105.9	79.2	51.7	53.0
87.5°	16.9	16.9	8.9	6.4	4.7	12.7	19.9	31.8	45.3	26.7	26.3
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

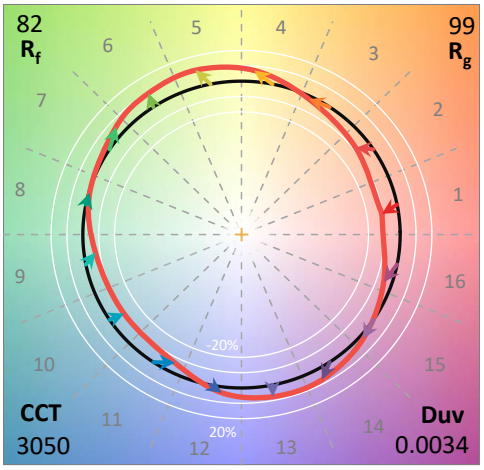
Test Information

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

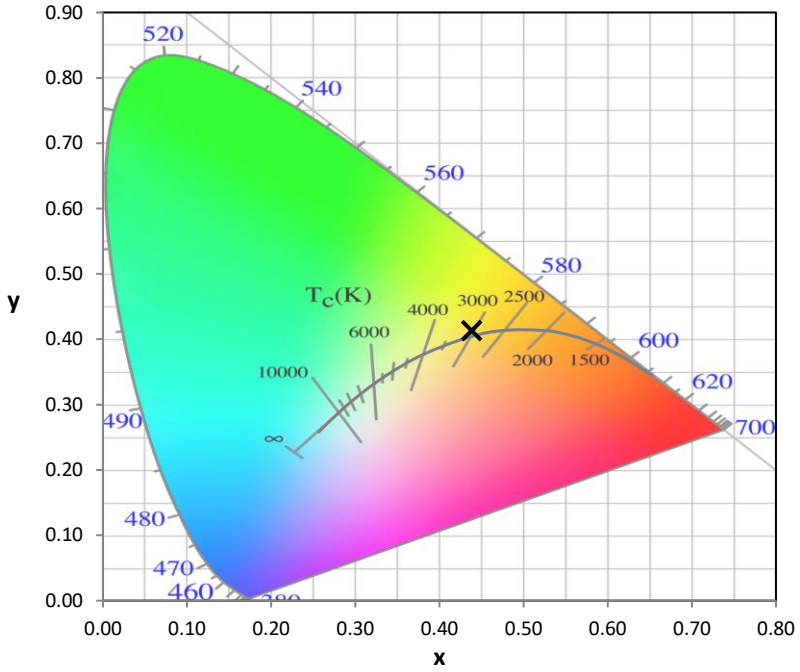
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

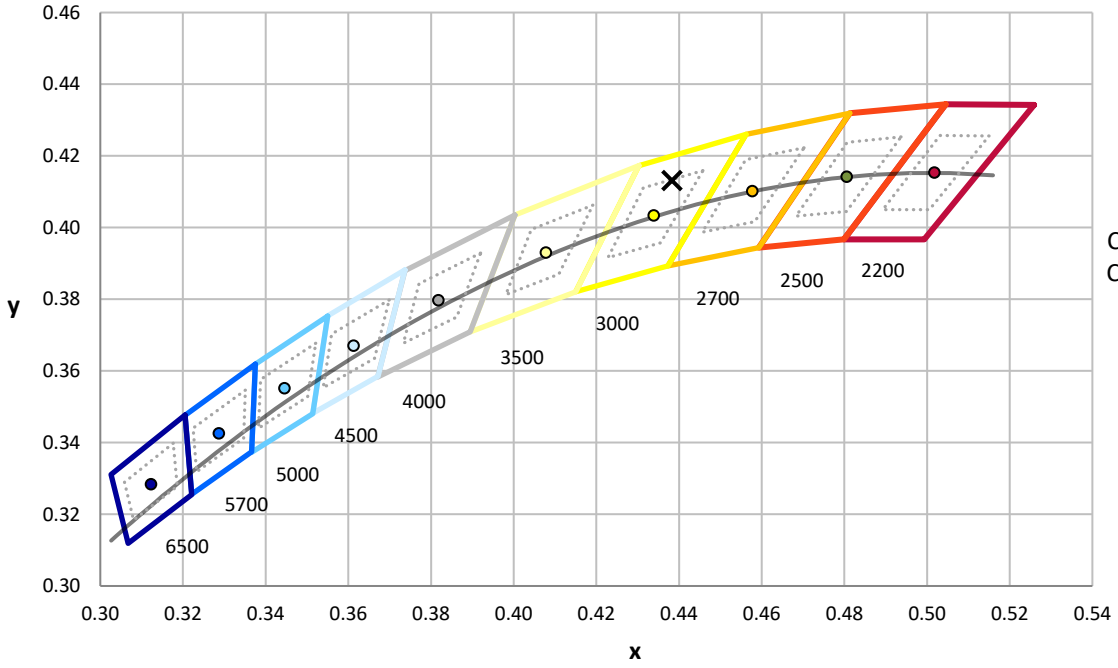
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

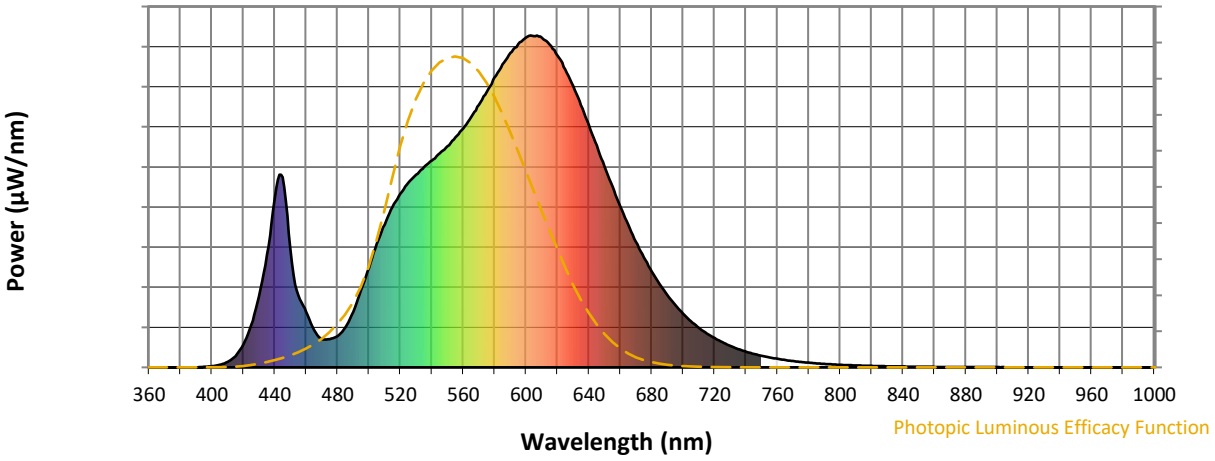


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

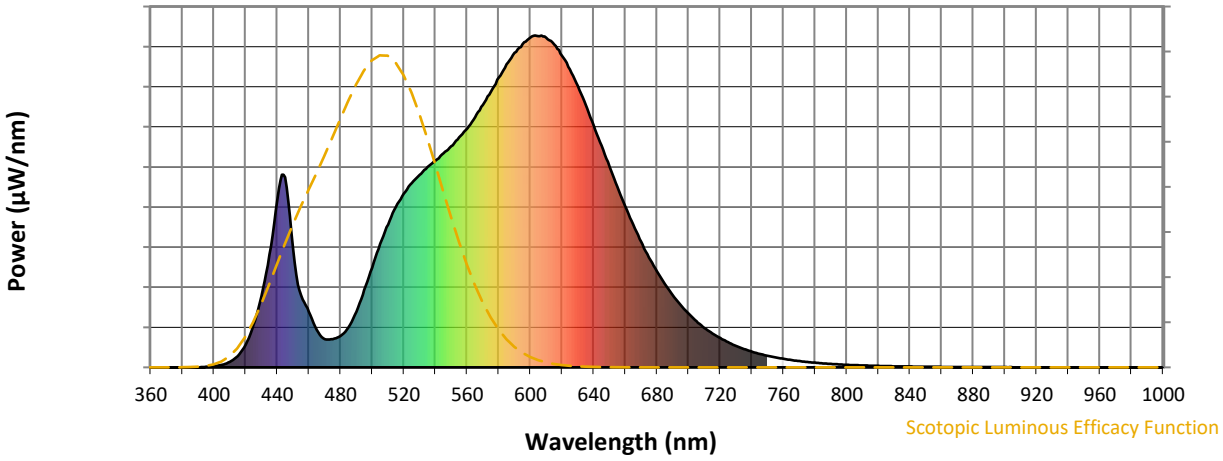


Photopic Lumens: NR

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

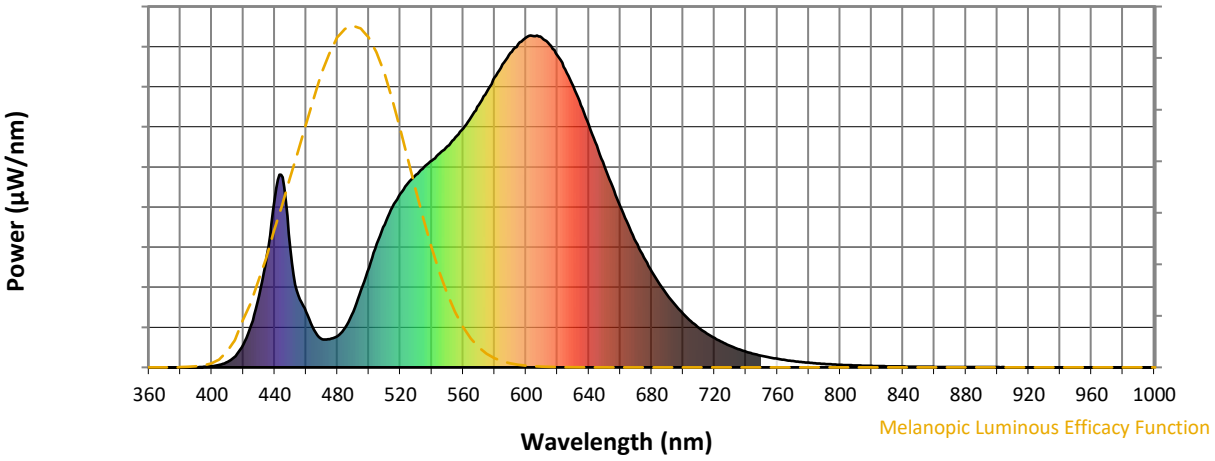


Scotopic Lumens: NR **S/P: 1.27**

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			

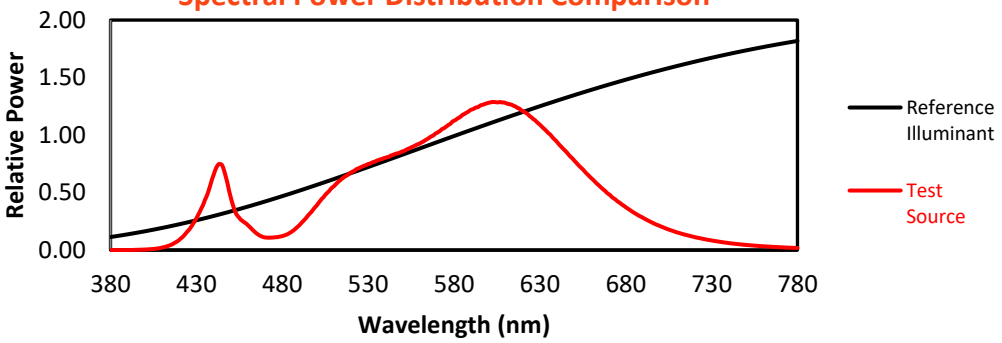
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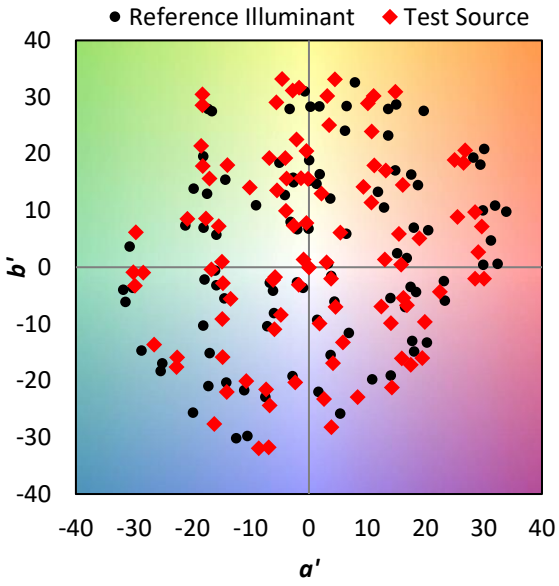
Summary

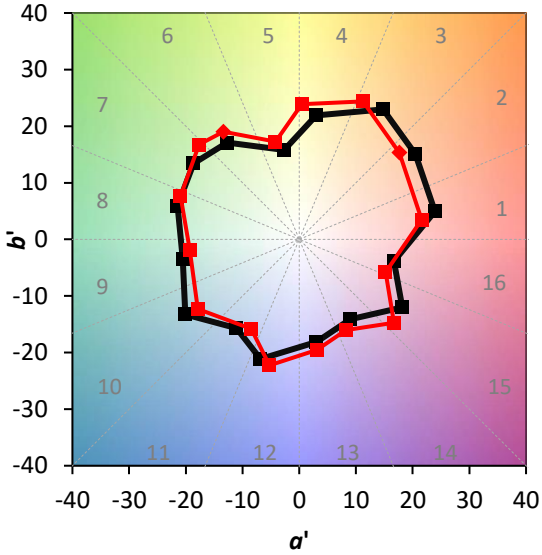
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

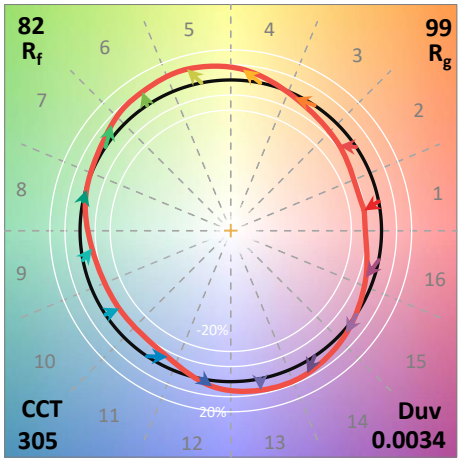
Spectral Power Distribution Comparison

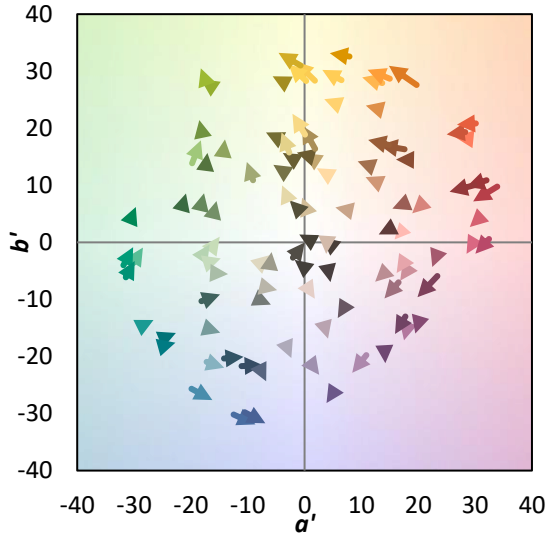


Color Vector Graphics







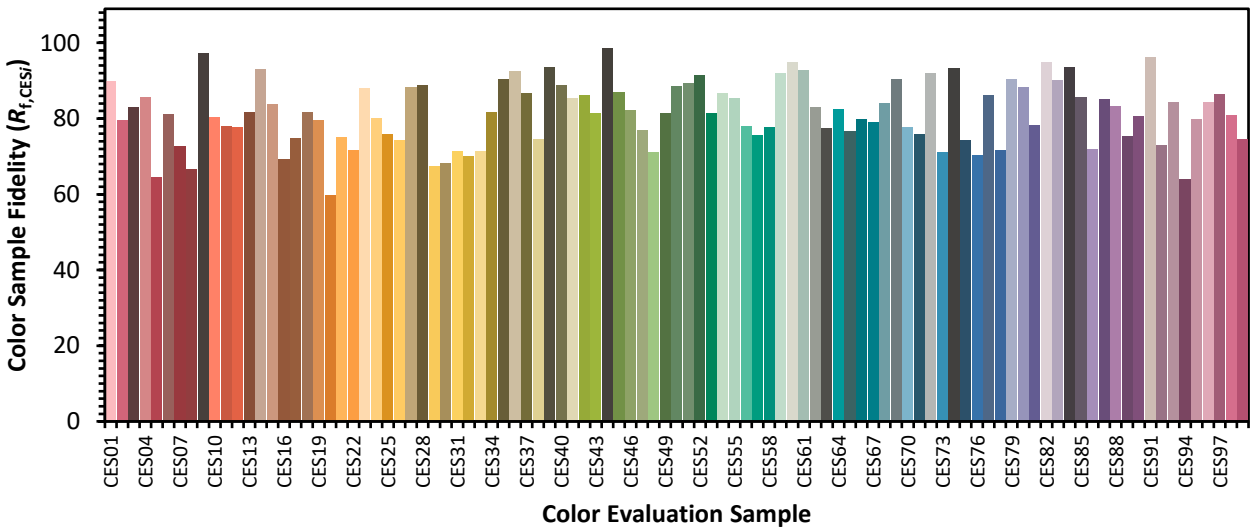


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Individual Sample Fidelity Index ($R_{f,i}$)

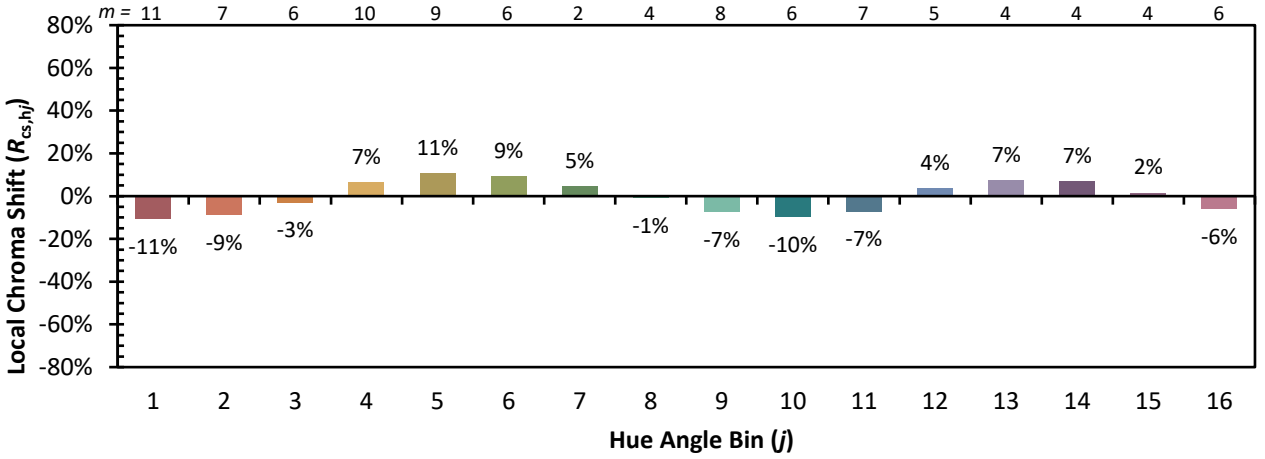
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

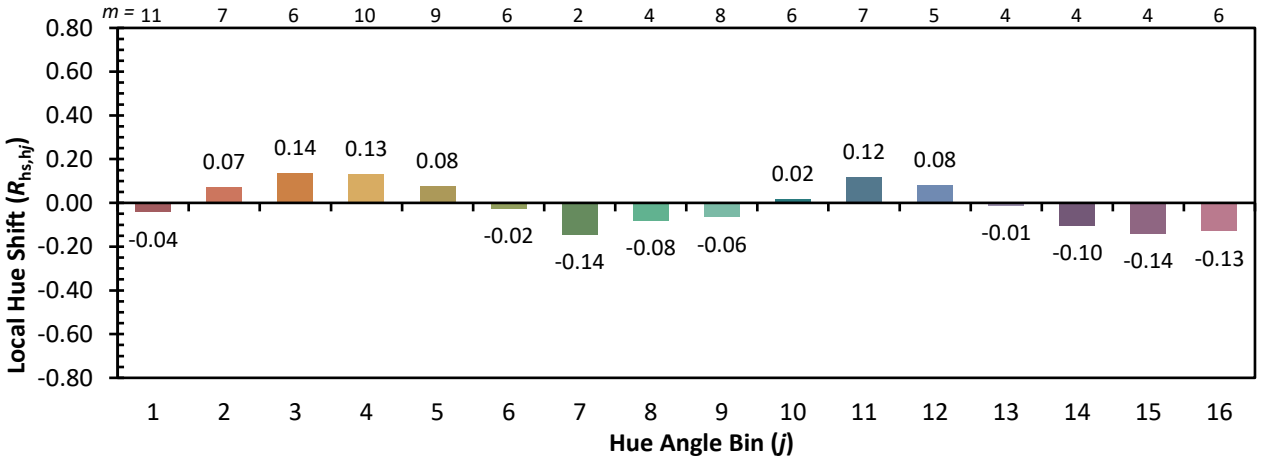


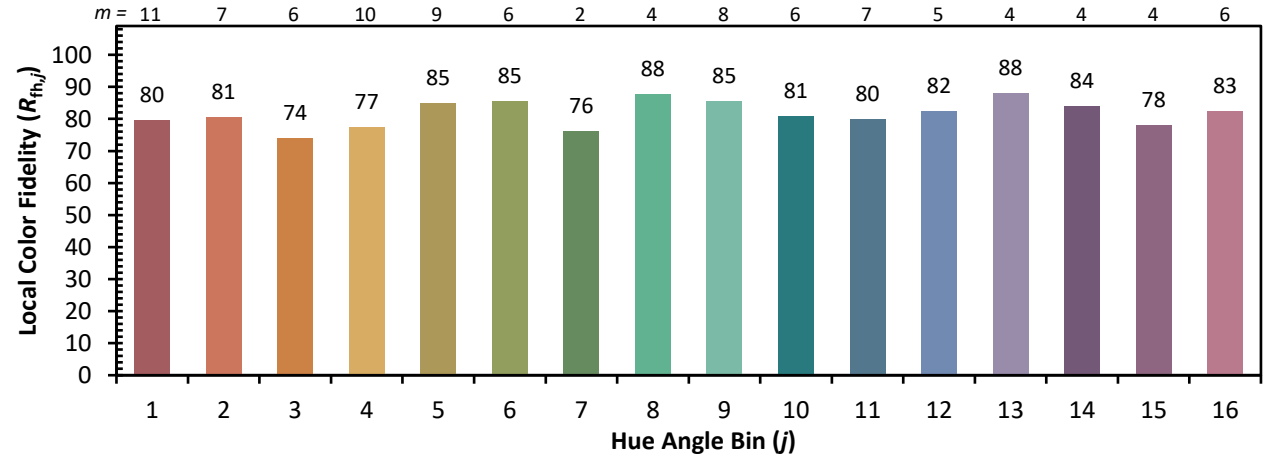
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Color Rendition by Hue-Angle Bin



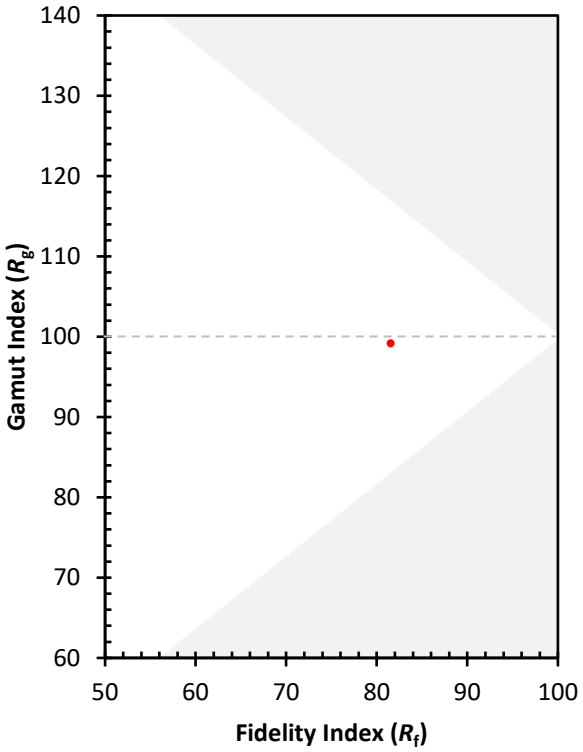


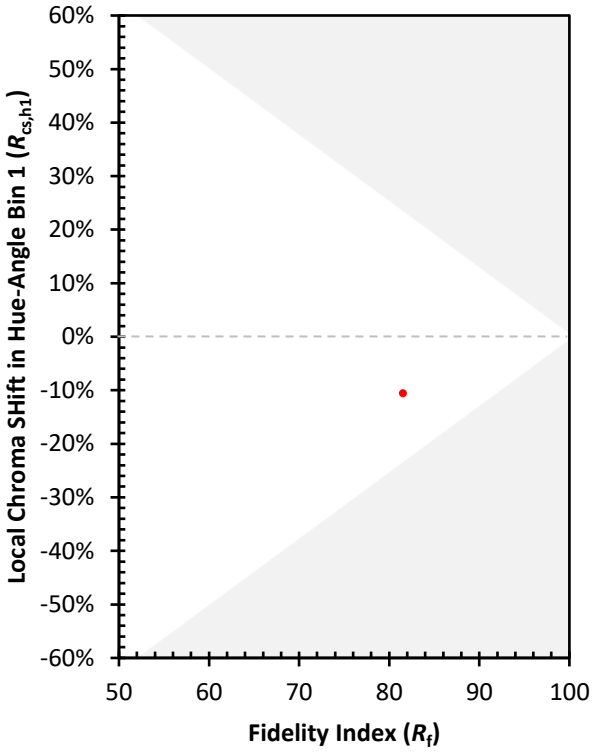


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Measure Comparisons





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