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: P1199875

Luminaire Tested: GPC-SB2B-830-U-T3R-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:	P1199875
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2B-830-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI(
	WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8422 lumens
Efficiency:	N/A
Efficacy:	114.0 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):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

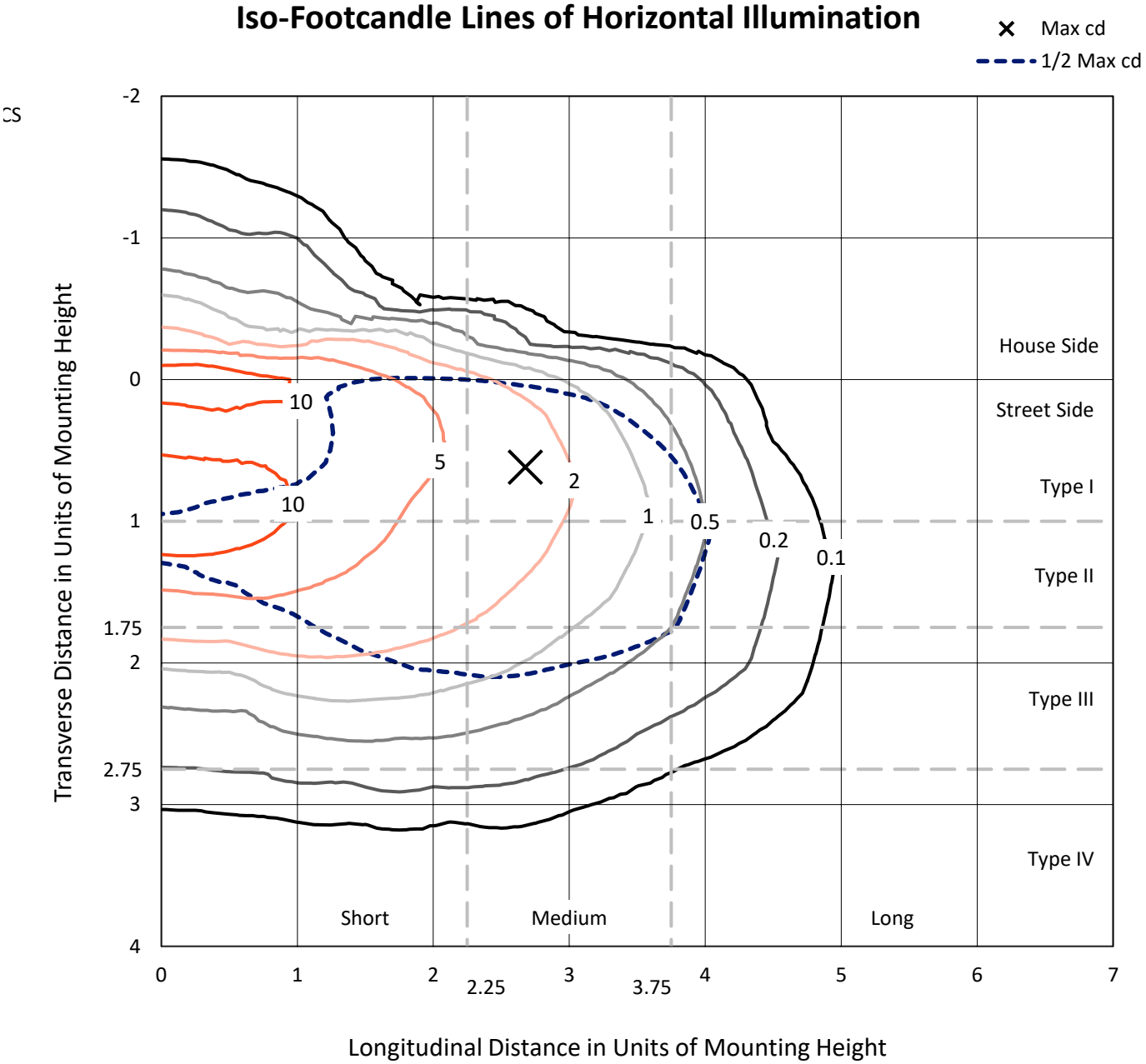


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REPORT NUMBER: P1199875
CATALOG NUMBER: GPC-SB2B-830-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



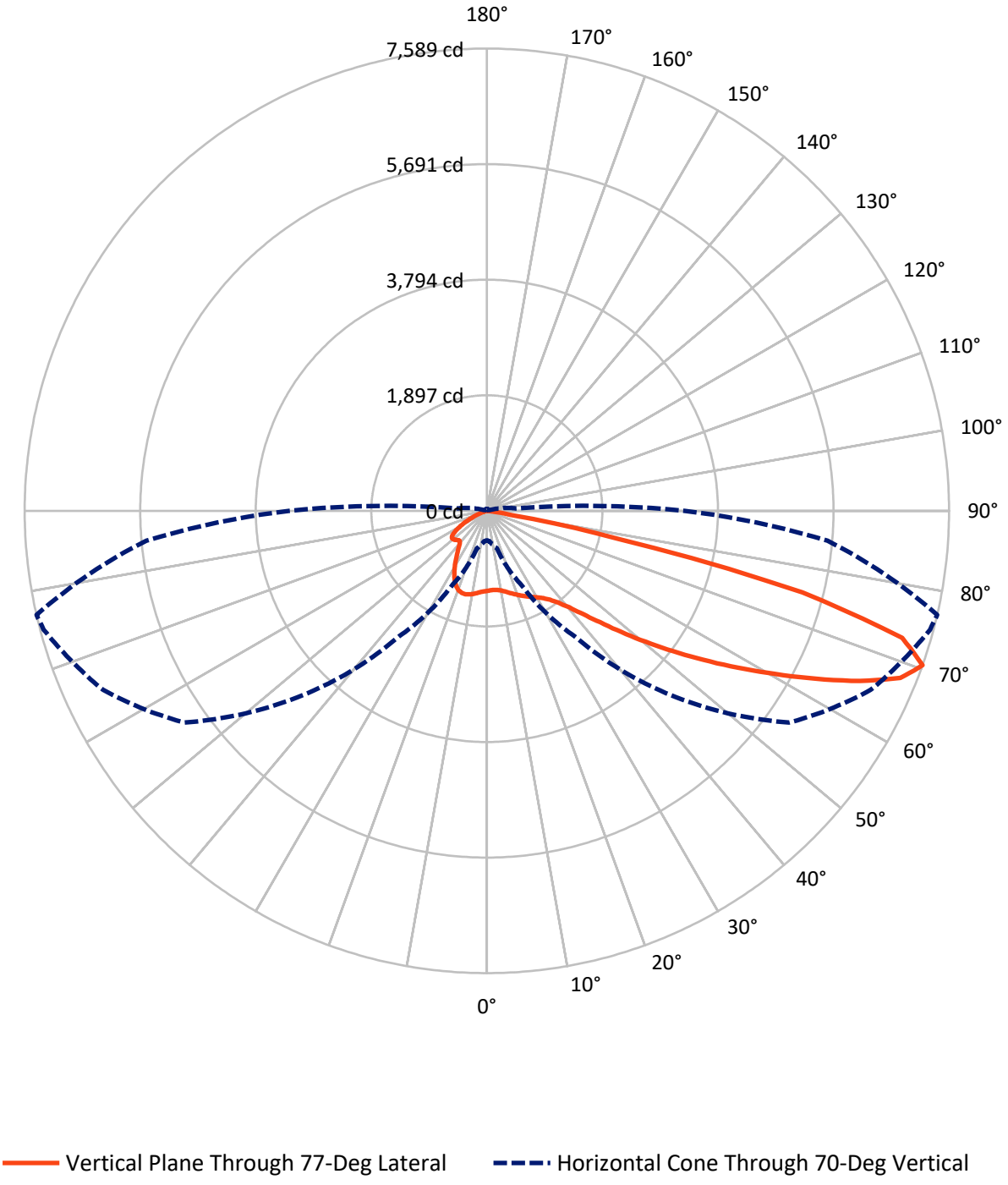
Based on 10 foot mounting height. Maximum calculated value = 15.4 fc
Type III - Medium - N/A

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REPORT NUMBER: P1199875
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Luminous Intensity Polar Plot



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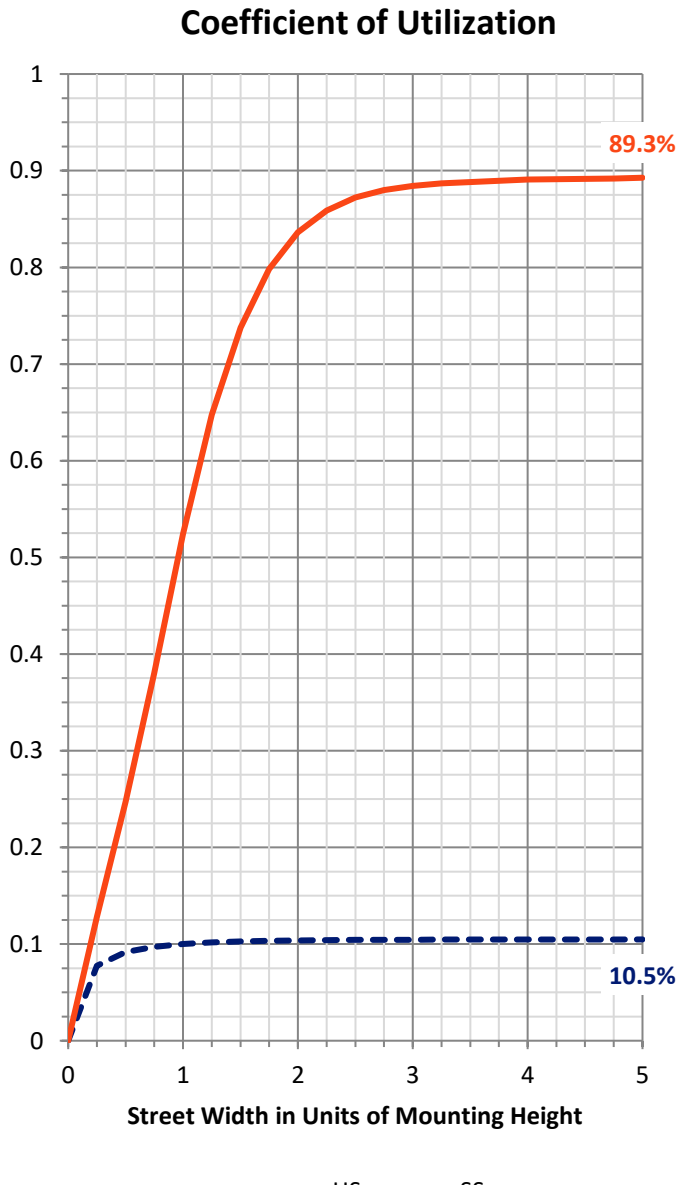
REPORT NUMBER: P1199875
CATALOG NUMBER: GPC-SB2B-830-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	887.8	0.0	887.8
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	7534.2	0.0	7534.2
	% Fixture	89.5	0.0	89.5
Total	Lumens	8422.0	0.0	8422.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.2	1.3
10°-20°	268.8	3.2
20°-30°	415.7	4.9
30°-40°	754.3	9.0
40°-50°	1423.9	16.9
50°-60°	2057.4	24.4
60°-70°	2190.0	26.0
70°-80°	1160.6	13.8
80°-90°	38.1	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°	8422.0	100.0
0°-180°	8422.0	100.0



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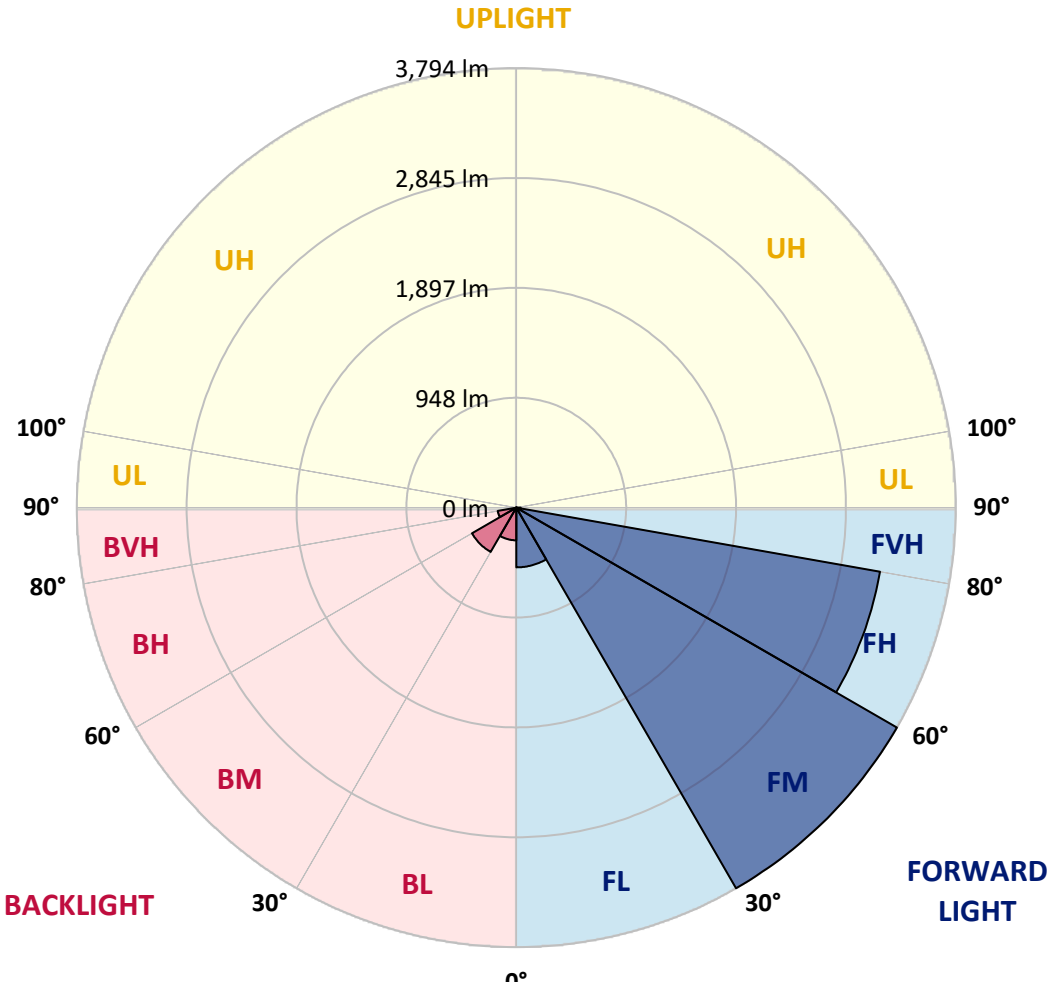
Scaled Data Report

REPORT NUMBER: P1199875
CATALOG NUMBER: GPC-SB2B-830-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	515.6	6.1			
FM	(30°-60°)	3793.6	45.0			
FH	(60°-80°)	3187.8	37.9			G2/5000
FVH	(80°-90°)	37.1	0.4			G1/100
BL	(0°-30°)	282.1	3.3	B1/500		
BM	(30°-60°)	441.9	5.2	B1/1000		
BH	(60°-80°)	162.8	1.9	B1/500		G1/500
BVH	(80°-90°)	1.0	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-G2
Type III Medium



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REPORT NUMBER: P1199875
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	*1313.7*	1313.7
2.5°	1233.4	1244.5	1242.9	1250.4	1253.0	1263.7	1274.3	1288.7	1304.6	*1304.1*	1314.7
5°	1163.7	1174.9	1177.5	1187.6	1200.4	1216.9	1238.7	1267.4	1297.2	*1302.0*	1323.3
7.5°	1081.3	1093.0	1099.9	1120.1	1143.5	1177.5	1213.2	1255.2	1304.6	*1311.6*	1352.5
10°	998.8	1009.5	1018.5	1047.2	1084.5	1135.0	1192.9	1253.6	1320.1	*1330.2*	1388.1
12.5°	947.8	957.9	968.0	993.0	1039.2	1100.9	1179.7	1261.0	1345.6	*1360.0*	1436.5
15°	929.7	938.7	946.7	969.0	1012.1	1082.3	1177.0	1276.5	1378.0	*1397.2*	1495.0
17.5°	932.3	937.1	942.4	959.5	1001.5	1073.8	1181.8	1303.0	1416.3	*1433.3*	1553.5
20°	947.8	950.4	951.0	962.7	999.9	1072.7	1191.4	1328.6	1452.5	*1475.4*	1611.5
22.5°	967.4	968.5	967.4	975.4	1010.0	1080.7	1204.1	1359.4	1492.9	*1514.2*	1670.0
25°	1059.5	1039.2	1013.7	998.3	1027.0	1096.2	1223.3	1400.9	1537.1	*1557.8*	1726.9
27.5°	1345.1	1287.1	1195.6	1093.0	1062.1	1118.5	1249.9	1442.9	1581.7	*1600.3*	1788.1
30°	1808.8	1732.8	1577.5	1346.1	1174.9	1165.3	1284.4	1484.9	1629.1	*1649.3*	1853.5
32.5°	2273.7	2255.1	2075.8	1755.7	1428.6	1269.5	1341.9	1541.8	1691.8	*1707.8*	1941.8
35°	2743.8	2706.1	2559.3	2242.8	1819.5	1481.7	1437.6	1616.3	1774.3	*1792.3*	2070.5
37.5°	3103.9	3081.0	2990.1	2729.5	2283.3	1809.4	1601.4	1731.7	1893.9	*1914.1*	2235.4
40°	3421.9	3411.3	3380.5	3208.7	2801.8	2238.0	1856.2	1910.4	2059.9	*2083.8*	2437.5
42.5°	3671.9	3696.9	3714.5	3666.6	3336.3	2727.3	2198.7	2161.5	2291.2	*2315.7*	2694.9
45°	3927.7	3936.3	4007.0	4076.1	3867.1	3239.0	2584.8	2455.6	2579.0	*2609.3*	3003.4
47.5°	4092.1	4126.1	4250.6	4372.4	4313.3	3746.4	2999.7	2802.9	2912.4	*2969.3*	3349.1
50°	4104.3	4168.7	4339.9	4552.1	4638.3	4229.3	3450.7	3198.6	3315.0	*3377.8*	3718.2
52.5°	3900.6	4000.6	4266.0	4576.6	4813.8	4638.3	3917.1	3594.3	3743.7	*3825.6*	4101.1
55°	2990.6	3121.5	3987.8	4443.6	4820.7	4948.4	4371.3	4006.5	4221.3	*4313.9*	4514.9
57.5°	2605.6	2671.5	3135.3	4212.8	4692.5	5073.4	4781.9	4399.0	4740.9	*4855.8*	4905.8
60°	2167.8	2254.5	2629.5	3835.2	4518.6	5085.6	5144.6	4905.3	5304.2	*5433.4*	5264.3
62.5°	1473.2	1567.4	1940.2	3186.3	4280.9	5079.7	5441.9	5426.5	5930.2	*6069.0*	5568.0
65°	912.7	971.7	1217.4	2601.8	3948.5	5086.1	5753.1	6059.4	6590.7	*6731.7*	5803.1
67.5°	721.2	748.3	876.5	1997.6	3375.7	4942.5	6063.7	6654.6	7212.5	*7324.2*	5874.9
70°	*484.5*	*501.0*	*637.7*	*1339.2*	*2511.4*	*4279.8*	*6057.8*	*6953.5*	*7532.7*	*7588.5*	*5613.2*
72.5°	255.3	268.1	372.8	620.1	1516.8	3042.2	5106.3	6596.1	7214.1	*7130.0*	4797.9
75°	127.6	148.9	251.0	314.9	647.8	1696.6	3170.9	5200.5	5678.1	*5352.6*	3078.4
77.5°	96.8	117.0	207.4	207.4	225.5	571.2	1342.9	2836.4	2616.2	*2178.5*	903.6
80°	61.7	79.8	181.4	156.9	94.1	145.2	350.0	794.6	555.8	*422.8*	164.3
82.5°	36.2	52.1	151.0	103.7	52.7	53.7	98.9	169.1	144.1	*112.2*	50.5
85°	14.4	34.0	103.7	41.0	20.7	13.3	29.8	36.2	29.8	*22.3*	12.8
87.5°	0.0	8.0	18.1	0.0	1.6	1.1	2.1	2.7	2.7	*2.1*	4.3
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: P1199875
CATALOG NUMBER: GPC-SB2B-830-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7	1313.7
2.5°	1319.5	1320.6	1323.8	1324.3	1316.9	1307.3	1303.6	1302.0	1295.6	1295.1	1296.1
5°	1335.5	1340.3	1335.5	1321.7	1288.7	1242.4	1207.3	1178.6	1152.5	1144.6	1139.8
7.5°	1367.4	1372.2	1357.8	1303.6	1220.6	1128.6	1045.6	987.1	934.5	914.8	906.8
10°	1413.1	1419.5	1374.3	1264.7	1118.0	970.1	829.7	730.8	653.6	622.3	609.0
12.5°	1470.6	1473.2	1383.4	1205.7	984.5	773.3	574.4	468.6	400.0	374.4	366.4
15°	1533.9	1530.1	1384.4	1125.4	802.6	546.7	375.0	307.9	280.3	271.8	271.8
17.5°	1600.3	1584.9	1363.1	1009.5	603.1	373.9	278.2	262.2	257.4	255.3	254.8
20°	1665.8	1631.2	1324.3	857.9	432.9	279.2	252.6	247.8	245.2	244.1	243.1
22.5°	1725.3	1666.3	1257.8	681.8	314.3	246.8	238.8	234.5	229.8	227.6	227.1
25°	1783.3	1686.5	1164.2	517.5	251.6	230.8	224.4	216.5	210.1	207.4	206.4
27.5°	1839.7	1699.3	1047.2	382.9	224.4	215.9	204.2	193.1	188.3	187.2	186.1
30°	1899.8	1703.5	914.3	285.6	208.0	197.3	180.3	167.5	164.9	165.4	165.4
32.5°	1973.2	1709.9	780.2	234.0	194.1	175.0	154.8	141.5	139.3	141.5	140.9
35°	2060.9	1722.7	651.0	215.4	181.9	152.1	130.3	119.1	117.0	118.6	118.1
37.5°	2180.1	1743.4	530.3	211.7	171.8	133.0	109.6	100.5	100.5	101.1	100.5
40°	2338.6	1798.7	422.3	209.0	166.5	118.6	92.5	88.8	90.4	91.5	91.5
42.5°	2531.6	1916.3	349.4	205.8	160.6	112.2	84.0	82.4	85.1	86.2	86.2
45°	2748.1	2065.2	323.9	200.5	155.3	116.5	80.3	78.2	81.4	81.9	82.4
47.5°	2972.0	2210.9	320.7	194.7	150.0	122.9	79.2	74.5	78.2	78.7	79.2
50°	3198.6	2306.1	323.9	185.6	141.5	122.9	79.8	70.7	73.9	75.5	76.1
52.5°	3426.7	2349.7	321.8	165.9	126.6	115.4	79.8	67.5	70.7	71.8	71.8
55°	3648.0	2341.2	289.3	136.7	107.4	102.1	77.7	64.9	67.0	67.5	67.5
57.5°	3823.0	2222.6	229.2	106.4	87.2	85.1	70.7	61.7	63.3	62.8	62.8
60°	3914.4	1962.0	163.8	81.9	68.6	67.0	62.2	57.4	58.5	55.8	55.3
62.5°	3915.5	1617.4	109.6	64.9	54.8	53.2	53.2	51.6	50.5	45.2	43.6
65°	3832.0	1235.0	72.9	51.6	44.1	41.5	44.7	44.1	40.4	33.0	31.9
67.5°	3642.7	809.5	55.3	40.4	34.0	32.4	35.6	37.2	34.6	27.7	27.1
70°	*3253.4*	*471.2*	*45.7*	*31.4*	*25.5*	*23.9*	*28.7*	*31.9*	*28.7*	*22.3*	*21.3*
72.5°	2702.4	254.2	37.2	23.4	17.6	16.0	22.9	26.1	22.9	16.5	16.0
75°	1753.5	136.2	28.7	15.4	9.0	10.1	17.0	19.1	16.0	10.6	9.6
77.5°	588.8	60.1	18.1	7.4	4.3	4.3	10.1	11.7	7.4	3.7	3.2
80°	131.4	25.0	7.4	3.2	1.6	1.6	2.1	2.1	1.1	0.0	0.0
82.5°	43.1	10.1	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.5	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	0.5	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

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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

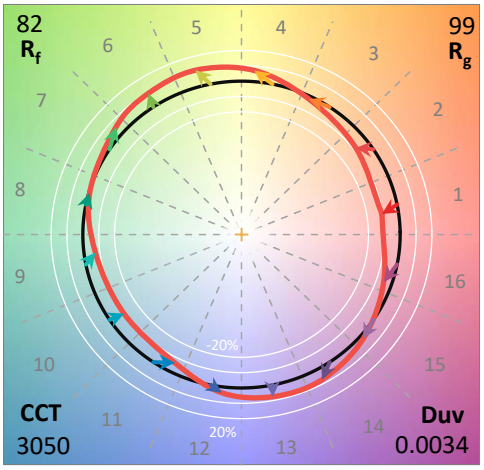
Test Information

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

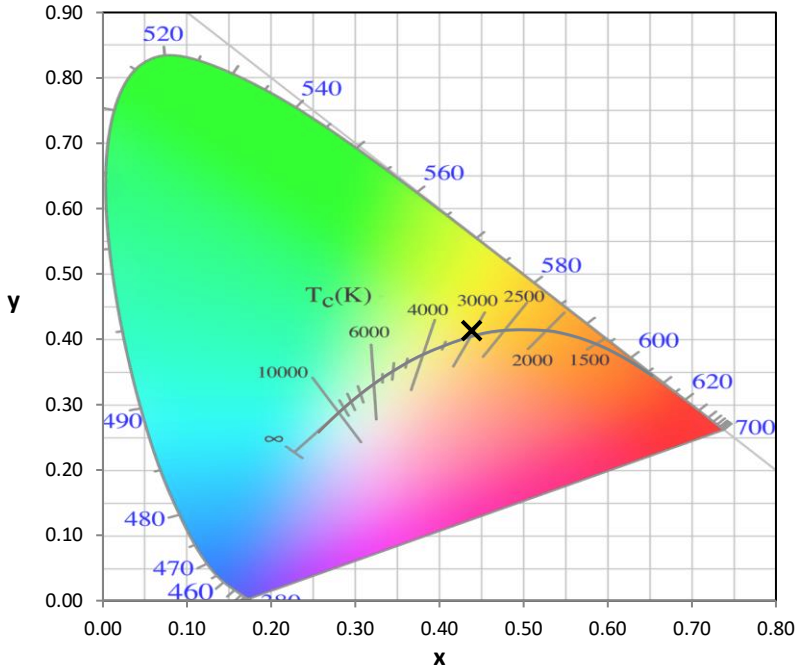
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

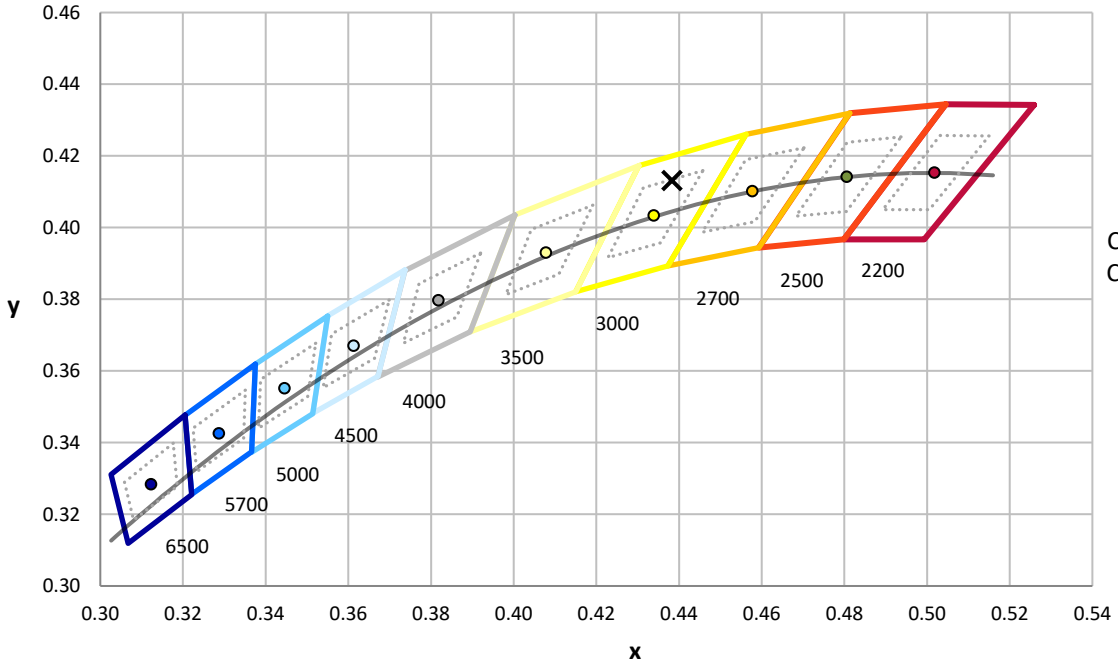
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

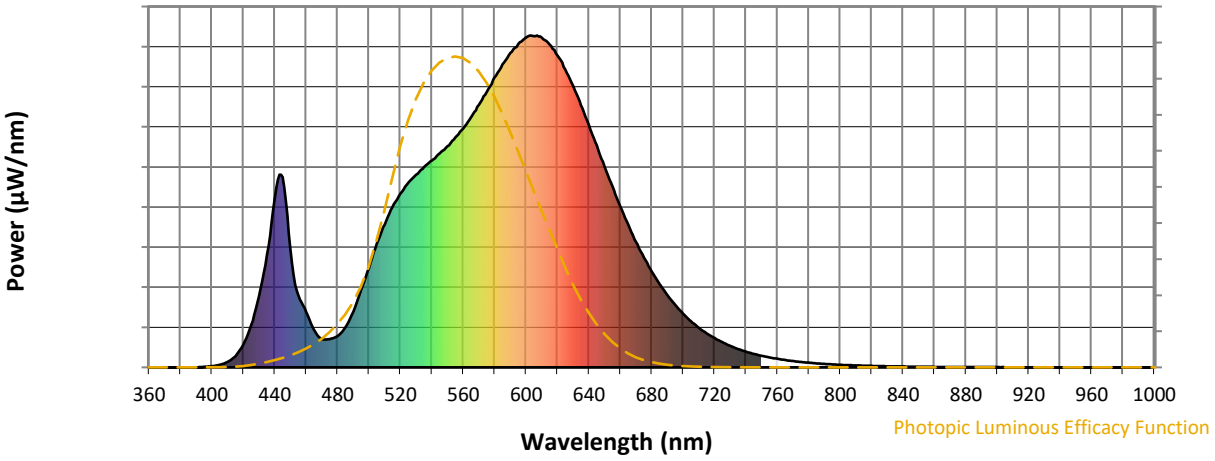


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

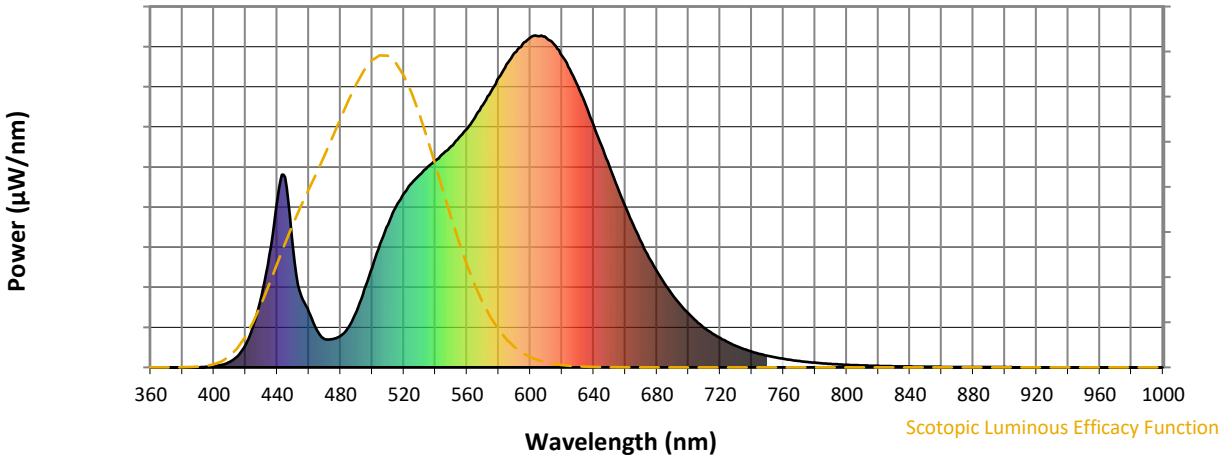


Photopic Lumens: NR

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

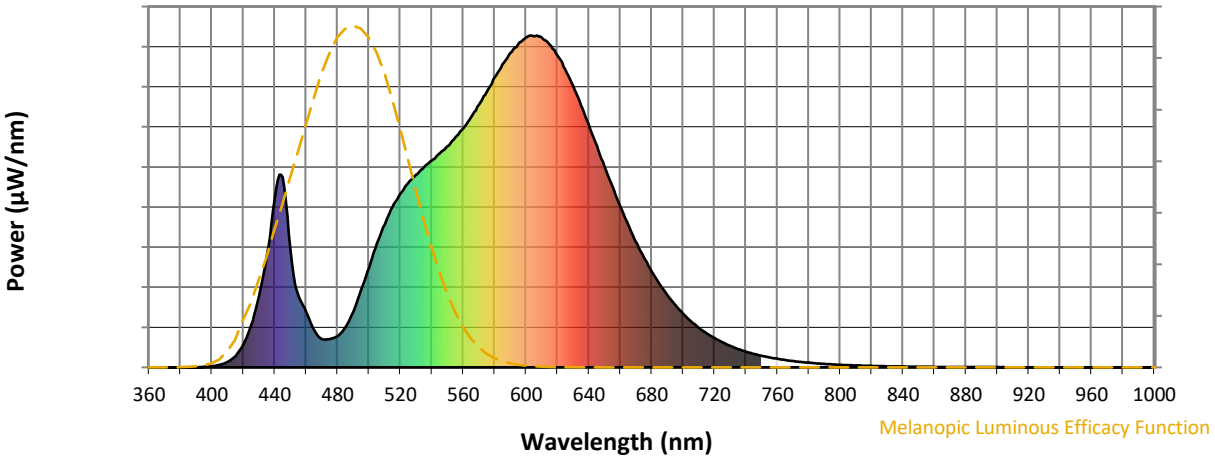


Scotopic Lumens: NR **S/P: 1.27**

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			

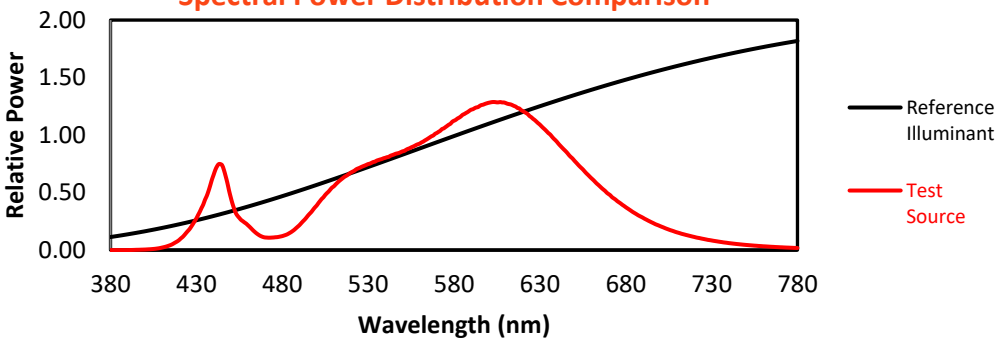
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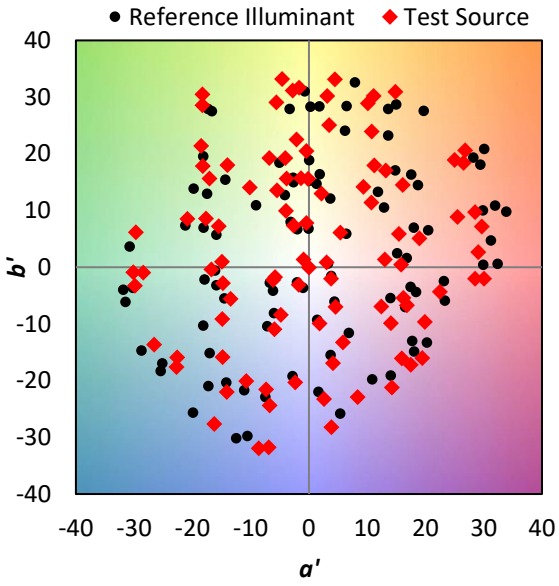
Summary

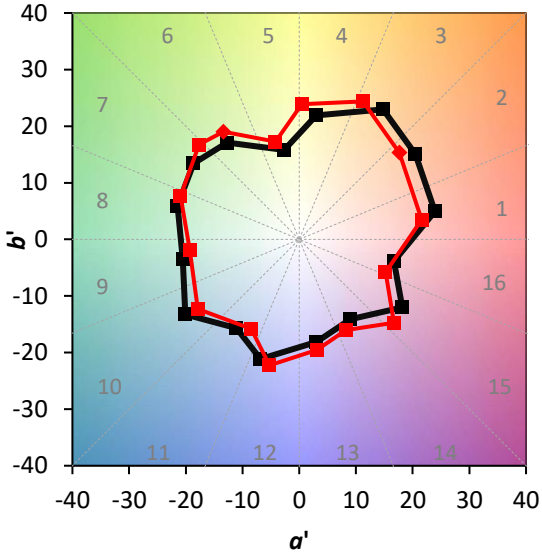
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

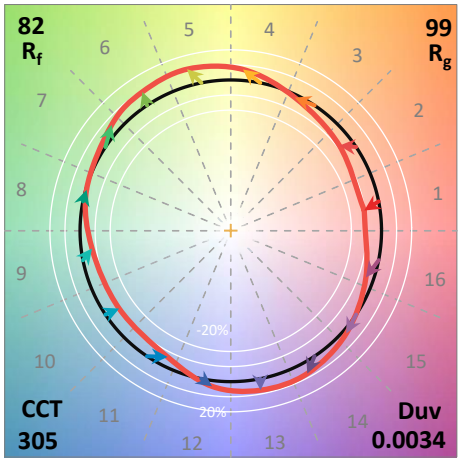
Spectral Power Distribution Comparison

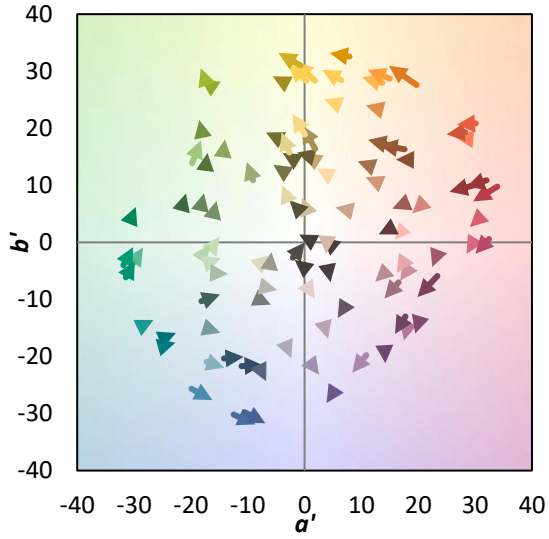


Color Vector Graphics







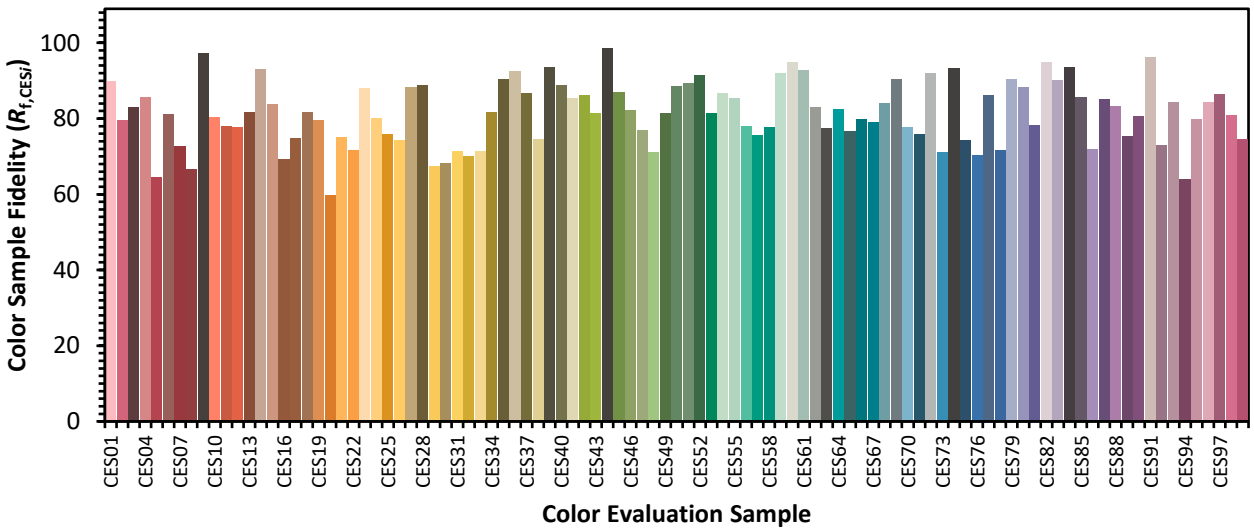


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Individual Sample Fidelity Index ($R_{f,i}$)

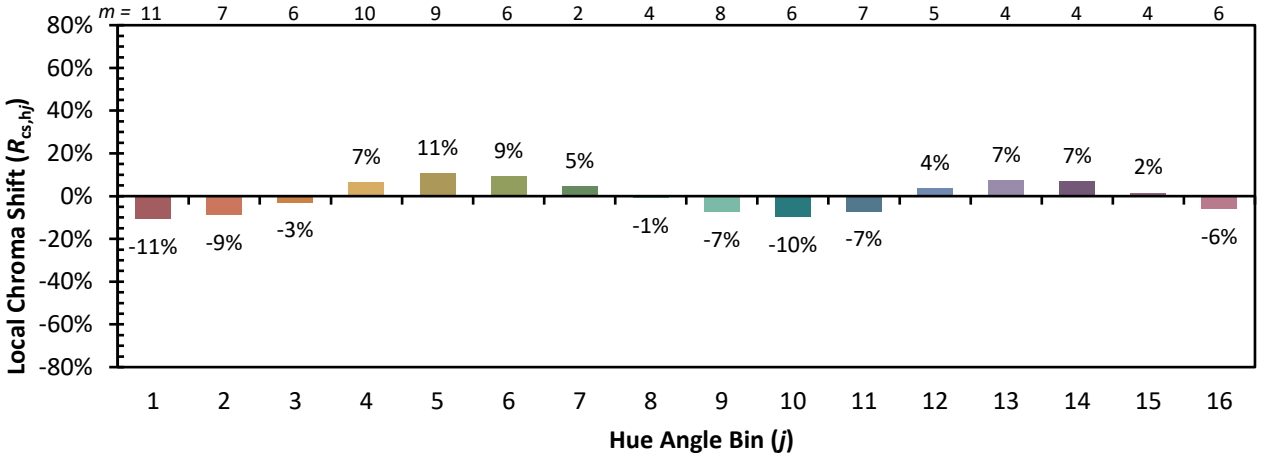
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

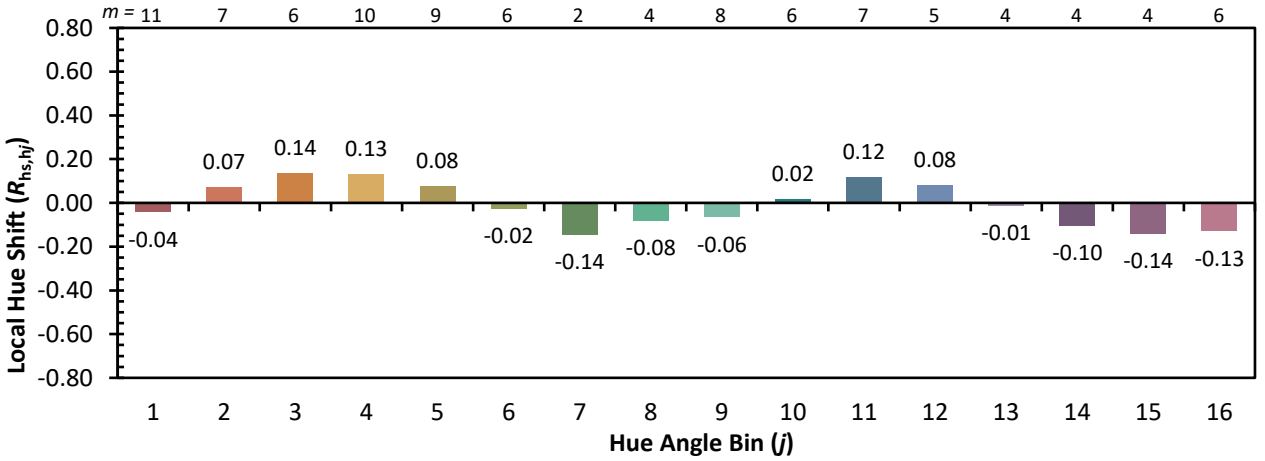


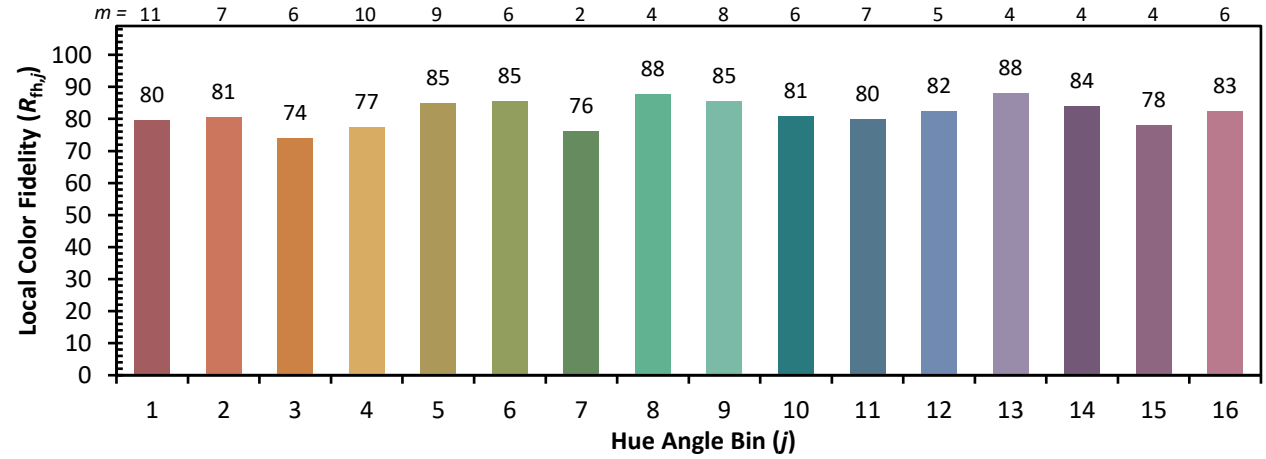
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Color Rendition by Hue-Angle Bin



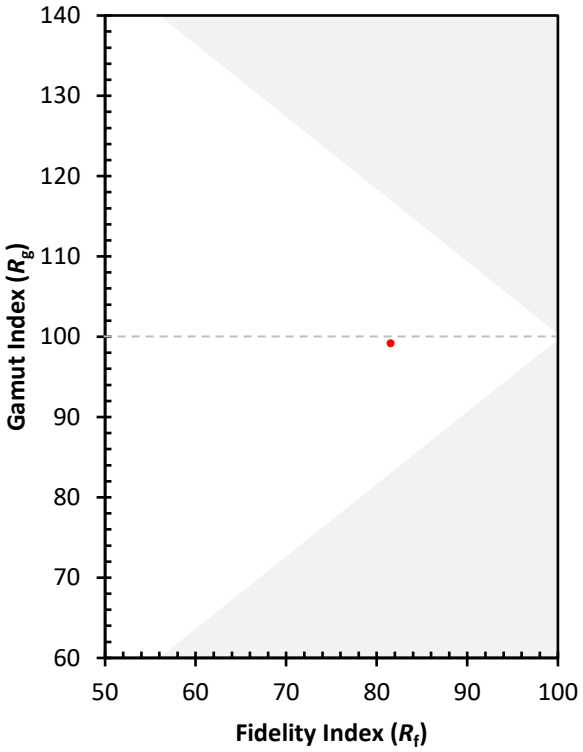


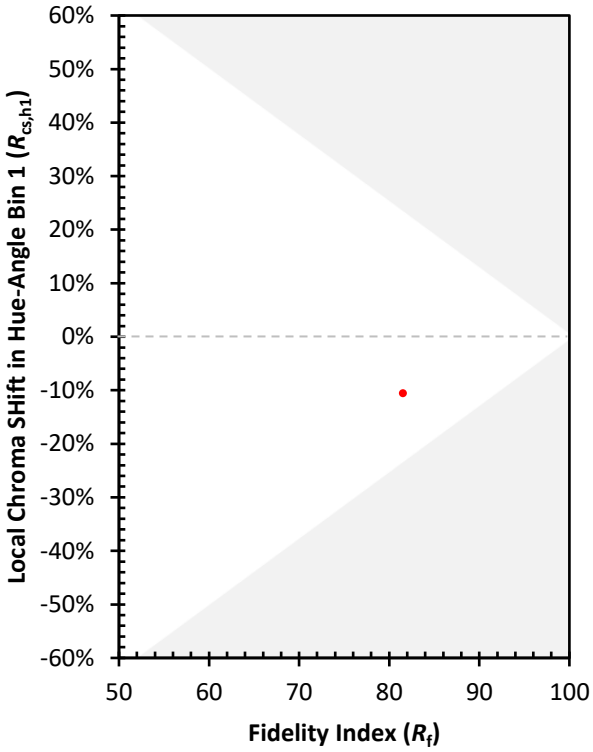


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Measure Comparisons





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