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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P386049

Luminaire Tested: **GPC-SA1C-830-U-SL2**

Issue Date: 3/3/2020

Report Generated By 670245982

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P386049
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-20)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA1C-830-U-SL2
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5880 lumens
Efficiency:	N/A
Efficacy:	101.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	58
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P386049
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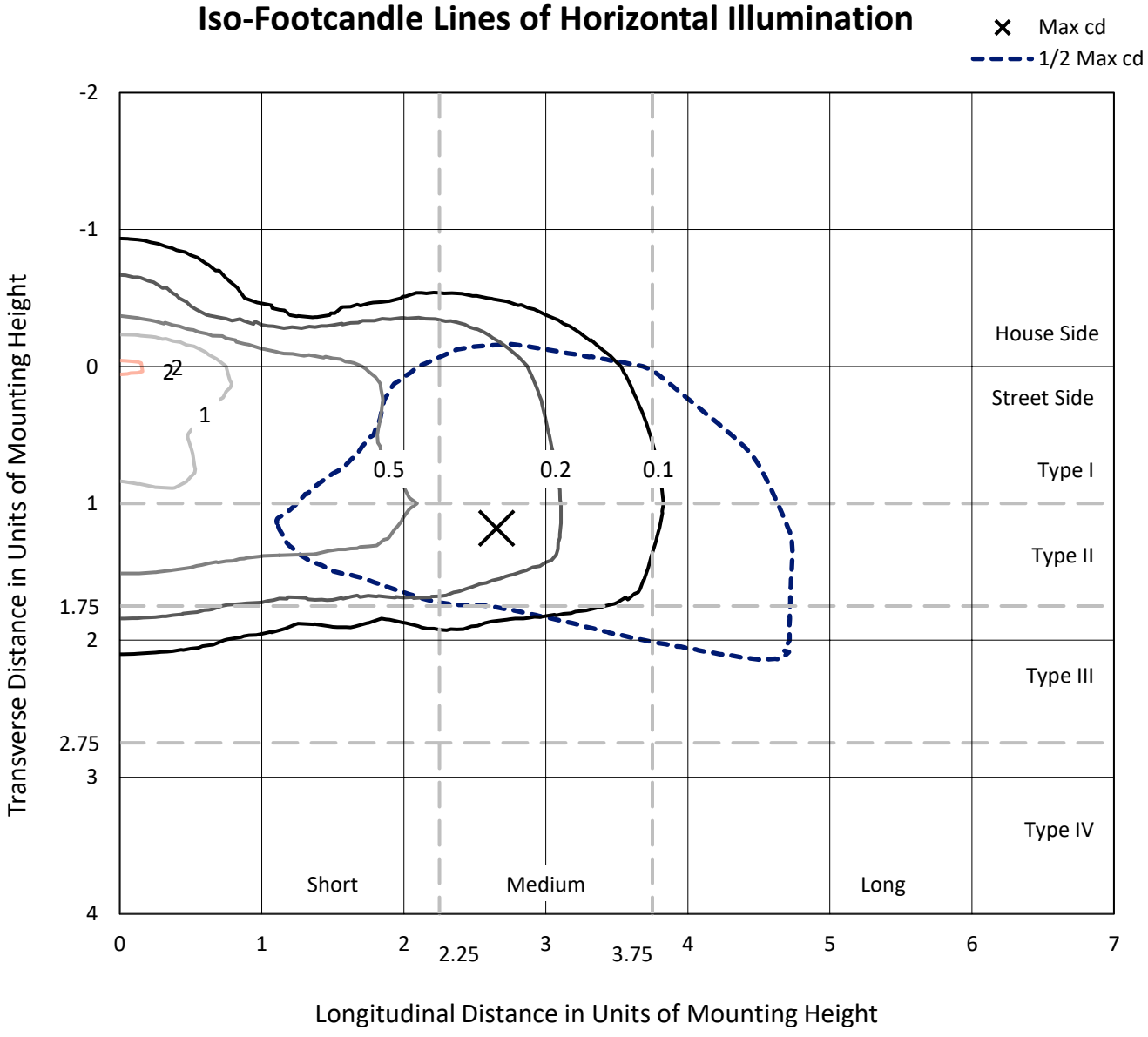
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 2.2 fc
Type III - Medium - N/A

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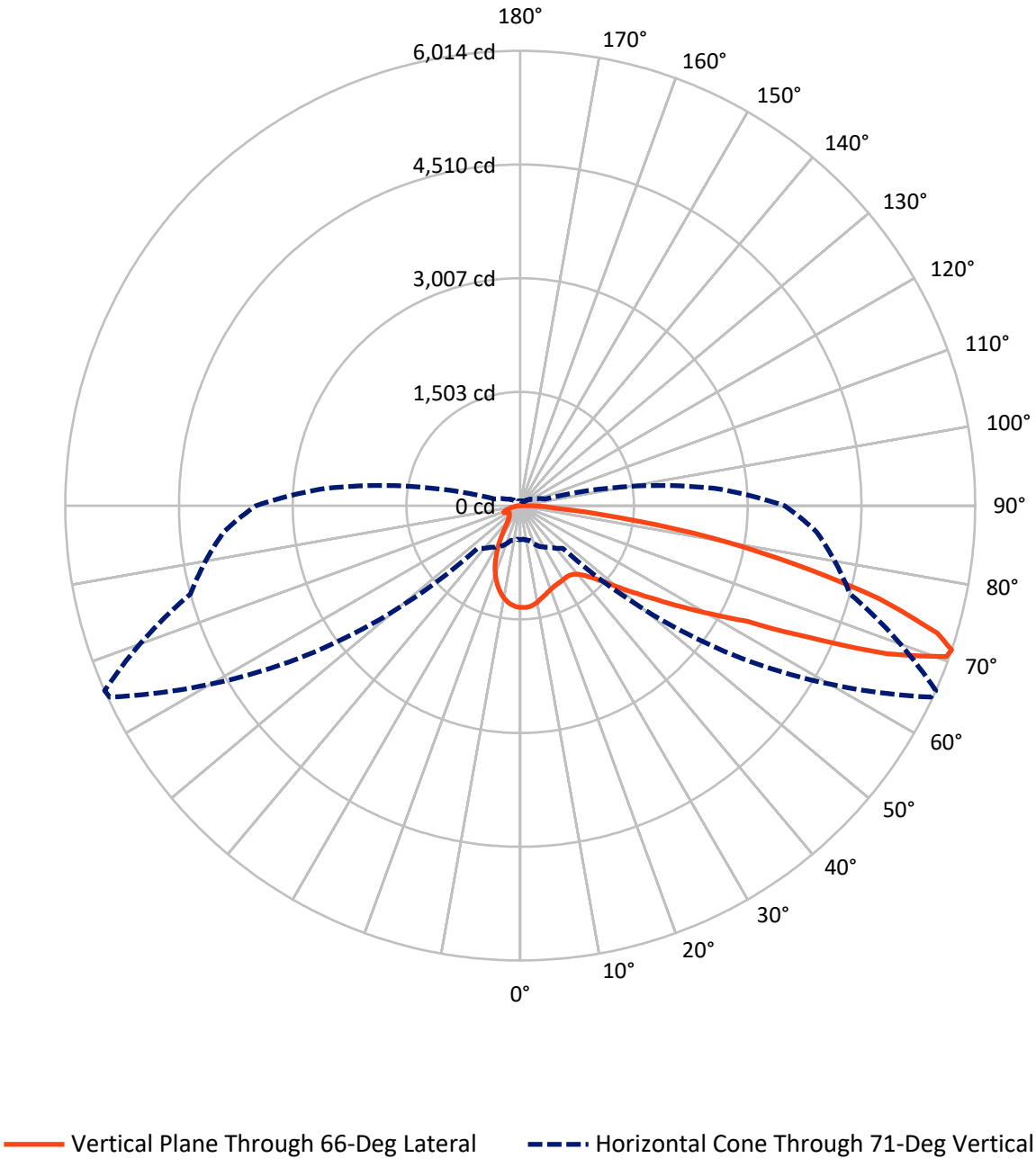
Luminous Intensity Polar Plot



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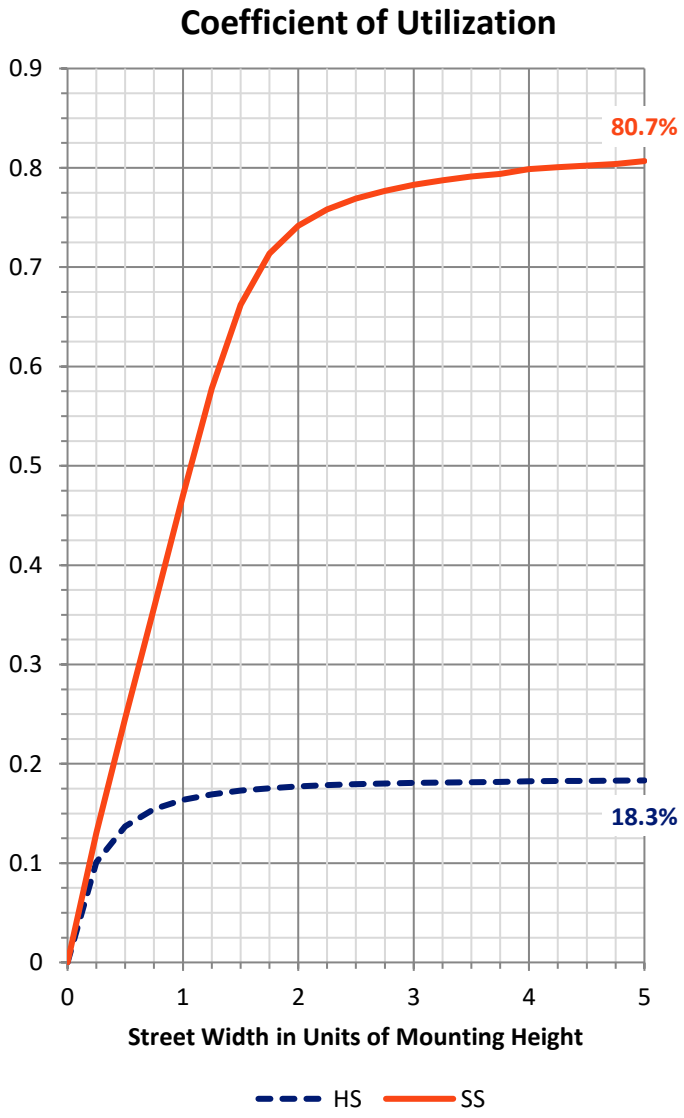
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1089.7	0.0	1089.7
	% Fixture	18.5	0.0	18.5
Street Side	Lumens	4790.3	0.0	4790.3
	% Fixture	81.5	0.0	81.5
Total	Lumens	5880.0	0.0	5880.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.6	2.0
10°-20°	284.4	4.8
20°-30°	382.0	6.5
30°-40°	502.5	8.5
40°-50°	731.0	12.4
50°-60°	1141.9	19.4
60°-70°	1430.4	24.3
70°-80°	1091.1	18.6
80°-90°	198.1	3.4
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°	5880.0	100.0
0°-180°	5880.0	100.0



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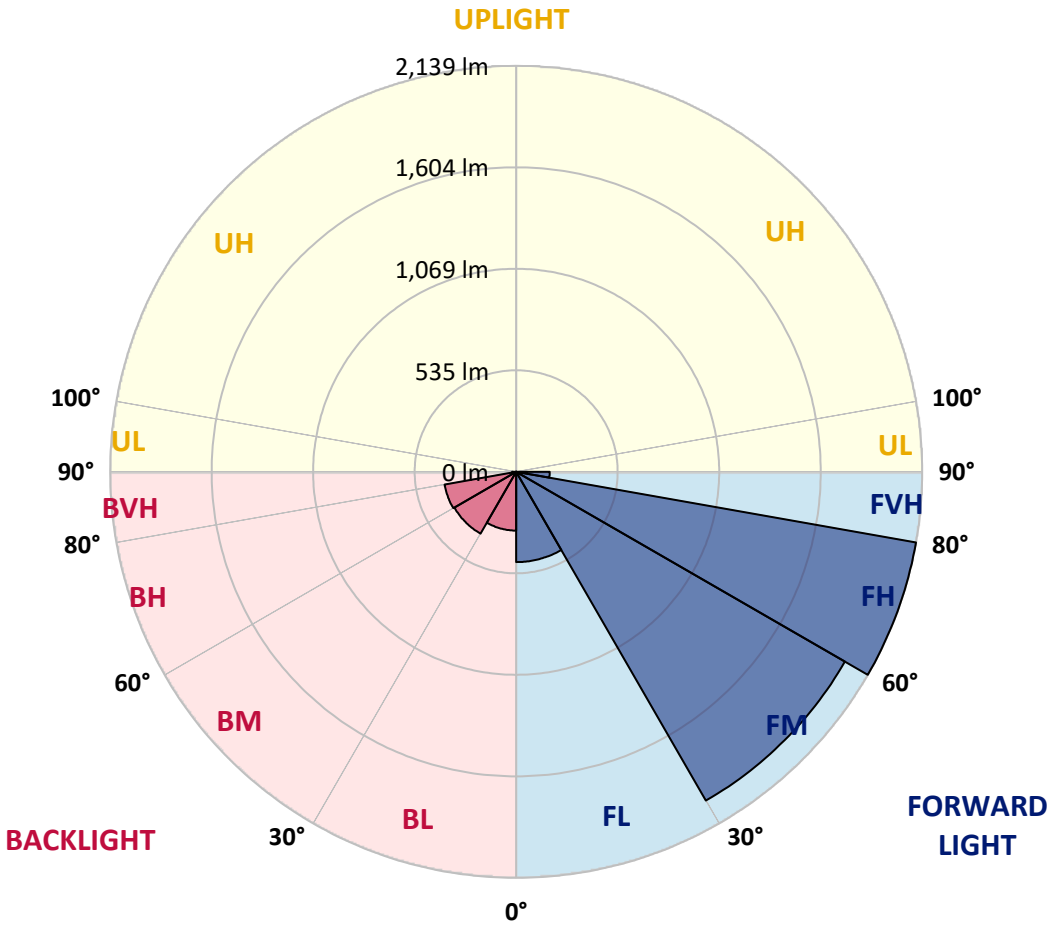
REPORT NUMBER: P386049
CATALOG NUMBER: GPC-SA1C-830-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	475.5	8.1			
FM	(30°-60°)	1999.5	34.0			
FH	(60°-80°)	2138.6	36.4			G2/5000
FVH	(80°-90°)	176.7	3.0			G2/225
BL	(0°-30°)	309.5	5.3	B1/500		
BM	(30°-60°)	375.9	6.4	B1/1000		
BH	(60°-80°)	382.9	6.5	B1/500		G1/500
BVH	(80°-90°)	21.4	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: P386049
CATALOG NUMBER: GPC-SA1C-830-U-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1347.0	1347.0	1347.0	1347.0	1347.0	1347.0	1347.0	1347.0	*1347.0*	1347.0	1347.0
2.5°	1322.0	1320.0	1326.1	1332.4	1334.8	1338.9	1345.0	1348.4	*1348.2*	1348.8	1346.8
5°	1234.3	1231.7	1243.9	1253.8	1272.9	1294.4	1320.6	1339.3	*1339.7*	1350.2	1353.1
7.5°	1151.3	1149.5	1163.5	1179.5	1201.6	1234.5	1277.0	1317.2	*1319.6*	1348.2	1358.2
10°	1084.7	1084.3	1097.9	1115.4	1141.1	1177.9	1226.6	1285.5	*1289.1*	1338.5	1359.0
12.5°	1032.7	1033.5	1045.3	1065.2	1092.4	1130.8	1183.6	1250.0	*1255.8*	1323.0	1354.3
15°	994.4	997.6	1007.1	1027.2	1054.0	1093.0	1147.2	1217.1	*1226.0*	1305.8	1351.7
17.5°	972.4	976.1	982.8	999.4	1024.6	1062.2	1113.5	1190.1	*1198.2*	1292.6	1351.9
20°	965.9	969.0	972.8	983.0	1004.3	1038.4	1086.9	1165.7	*1174.4*	1282.0	1353.9
22.5°	978.7	981.0	981.4	980.6	993.5	1021.4	1067.6	1147.8	*1157.2*	1275.1	1355.3
25°	1006.1	1009.2	1006.9	999.4	995.2	1012.2	1057.7	1136.1	*1145.4*	1270.1	1352.5
27.5°	1047.3	1047.8	1045.9	1036.2	1016.1	1013.2	1054.7	1129.2	*1138.1*	1264.2	1346.6
30°	1103.4	1106.0	1102.8	1089.6	1056.7	1029.5	1058.3	1122.5	*1130.6*	1256.7	1337.0
32.5°	1169.0	1175.4	1175.2	1161.4	1114.3	1065.8	1073.3	1118.4	*1124.7*	1248.7	1325.5
35°	1237.0	1245.9	1262.5	1256.7	1198.4	1123.3	1102.2	1124.9	*1129.2*	1247.7	1317.4
37.5°	1307.6	1316.5	1350.9	1366.7	1298.5	1205.5	1147.6	1147.8	*1149.9*	1260.1	1316.7
40°	1381.5	1391.0	1442.6	1483.8	1428.2	1309.6	1220.9	1195.7	*1193.5*	1290.6	1328.7
42.5°	1485.0	1493.6	1555.5	1608.1	1572.1	1443.0	1322.2	1269.6	*1265.0*	1350.2	1367.1
45°	1616.0	1623.3	1689.1	1745.3	1726.8	1595.3	1449.5	1371.4	*1370.5*	1449.7	1444.8
47.5°	1771.7	1777.4	1836.5	1890.9	1897.6	1770.5	1609.5	1528.3	*1515.1*	1586.1	1565.2
50°	1933.9	1940.2	1980.4	2038.9	2088.6	2005.0	1815.3	1720.5	*1702.9*	1766.2	1735.8
52.5°	2041.3	2049.6	2084.5	2158.6	2303.4	2262.0	2058.8	1953.6	*1926.8*	1984.5	1961.1
55°	1993.4	2012.1	2065.5	2184.2	2475.1	2654.6	2359.0	2225.4	*2195.2*	2243.1	2229.3
57.5°	1775.6	1801.1	1874.0	2057.3	2499.3	3000.5	2813.0	2545.6	*2524.3*	2510.5	2516.8
60°	1377.4	1402.0	1492.4	1731.3	2331.0	3253.1	3496.1	2940.2	*2909.4*	2778.8	2784.5
62.5°	974.9	962.5	1024.4	1199.2	1894.1	3282.7	4273.4	3468.1	*3366.6*	3062.3	3037.3
65°	743.4	740.6	768.4	824.0	1147.2	2928.1	4736.5	4355.2	*4196.7*	3395.6	3336.7
67.5°	610.9	605.8	633.2	714.2	738.8	1889.0	4746.7	5384.5	*5228.8*	3810.6	3683.1
70°	502.3	496.6	522.2	626.7	682.7	958.0	3994.9	5987.3	*5978.9*	4336.0	3944.6
71°	*450.3*	*446.2*	*476.9*	*593.0*	*670.8*	*798.5*	*3449.2*	*5988.9*	*6013.9*	*4513.8*	*3929.1*
72.5°	366.6	368.1	400.5	527.8	661.8	705.1	2535.0	5709.8	*5762.5*	4683.3	3788.8
75°	243.6	244.8	287.5	406.0	641.7	689.8	1393.3	4791.1	*4888.2*	4581.8	3457.3
77.5°	163.6	163.2	192.3	278.5	559.1	689.8	816.9	3583.4	*3690.0*	3645.7	2665.4
80°	112.7	111.9	132.4	192.3	423.3	698.2	631.6	2511.3	*2543.6*	1968.8	1083.3
82.5°	69.0	69.6	86.5	135.8	288.1	628.3	596.3	1369.3	*1334.2*	552.2	270.6
85°	39.6	39.4	55.2	92.0	184.9	530.3	581.4	589.3	*540.6*	166.3	97.9
87.5°	14.2	15.2	29.6	51.0	106.0	369.3	493.3	306.6	*276.3*	75.1	44.3
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: P386049
CATALOG NUMBER: GPC-SA1C-830-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1347.0	1347.0	1347.0	1347.0	1347.0	1347.0	1347.0	1347.0	1347.0	1347.0	1347.0
2.5°	1345.4	1346.6	1345.2	1337.0	1330.1	1319.0	1312.7	1304.0	1301.3	1300.1	1303.3
5°	1350.4	1350.9	1338.9	1317.6	1293.6	1265.4	1245.1	1220.1	1208.3	1203.3	1206.5
7.5°	1355.1	1353.3	1327.1	1286.3	1242.0	1192.9	1149.3	1109.3	1085.9	1076.4	1077.2
10°	1355.7	1348.0	1306.0	1242.8	1174.2	1102.2	1035.2	973.4	934.5	909.1	916.8
12.5°	1349.4	1336.4	1274.9	1186.6	1091.4	993.1	902.6	810.0	754.4	728.6	729.4
15°	1344.6	1321.0	1236.8	1120.4	992.5	862.4	738.8	630.0	570.7	544.3	531.9
17.5°	1340.5	1304.4	1192.5	1045.9	875.8	710.8	562.1	465.1	432.6	424.9	421.7
20°	1334.8	1286.7	1143.2	959.6	742.8	541.0	410.5	362.6	362.8	371.7	372.9
22.5°	1326.9	1266.6	1090.6	862.8	600.1	394.0	321.8	308.0	322.0	339.0	342.1
25°	1315.1	1242.8	1032.1	755.8	457.6	302.9	274.9	274.3	291.3	309.2	311.8
27.5°	1298.5	1211.8	967.2	640.9	337.2	257.4	246.3	250.5	263.1	276.1	277.1
30°	1276.1	1175.7	895.5	519.7	264.3	229.2	228.0	231.8	239.6	248.7	249.5
32.5°	1251.6	1138.9	819.0	402.4	226.4	214.0	215.2	217.0	220.7	224.3	225.1
35°	1229.2	1101.3	740.6	305.7	208.3	204.0	203.2	202.8	203.2	202.0	202.2
37.5°	1214.8	1070.3	659.0	243.4	197.9	195.3	192.9	189.8	186.4	184.3	184.7
40°	1209.6	1047.1	576.4	210.3	189.4	187.6	182.9	176.4	172.4	171.1	171.1
42.5°	1223.8	1035.2	496.6	193.7	182.3	179.3	171.5	164.0	161.0	160.8	160.6
45°	1267.2	1040.0	420.6	184.5	175.8	169.9	159.8	153.5	151.4	151.9	151.7
47.5°	1345.2	1070.7	355.7	178.4	169.3	161.6	150.2	145.2	142.7	142.7	142.9
50°	1477.7	1142.4	303.9	173.4	163.8	153.9	143.3	137.0	133.8	133.6	133.6
52.5°	1670.8	1270.7	271.6	169.1	157.7	147.0	136.4	128.5	124.7	123.8	123.4
55°	1912.8	1454.6	262.7	166.3	149.6	139.5	128.1	120.2	115.9	114.1	113.9
57.5°	2183.4	1678.3	280.4	162.8	141.3	130.5	119.0	111.5	107.0	104.8	104.6
60°	2457.3	1922.5	352.4	157.9	134.4	120.8	109.6	102.7	98.3	95.8	95.4
62.5°	2731.5	2180.0	499.6	157.5	129.5	111.5	100.1	94.2	89.9	87.3	86.7
65°	3040.9	2461.7	666.9	168.3	127.9	102.9	90.3	85.7	82.0	79.6	79.4
67.5°	3396.2	2779.9	650.9	190.4	133.4	95.2	81.2	77.6	74.9	72.9	72.7
70°	3562.9	2730.1	404.6	206.1	141.1	87.7	72.5	69.8	67.8	66.4	65.8
71°	*3493.0*	*2592.3*	*339.2*	*204.2*	*140.3*	*84.5*	*69.0*	*67.0*	*65.0*	*63.7*	*63.1*
72.5°	3302.6	2364.1	283.0	190.0	131.1	78.6	64.6	62.5	60.7	59.3	58.9
75°	2963.6	2111.3	226.6	151.9	104.6	66.4	56.6	54.4	53.0	52.2	51.4
77.5°	2178.5	1506.8	175.2	120.0	76.9	54.2	48.3	46.7	45.3	44.1	43.4
80°	834.6	583.7	118.0	89.5	56.4	42.8	39.0	38.2	36.7	35.9	35.9
82.5°	224.7	174.4	62.9	54.2	37.8	31.3	29.8	29.4	28.2	26.6	26.8
85°	91.0	76.9	35.3	29.8	23.1	18.5	20.1	20.3	18.9	16.9	17.1
87.5°	40.0	32.7	19.7	13.2	10.2	7.1	9.1	9.1	8.3	6.9	6.3
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2408-195-9

Test Date: 08/07/2024

Luminaire Tested: GALN-SB1A-830-U-5WQ

Data in this report applies to families of products including GALN-SB1A-830-U-5WQ.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

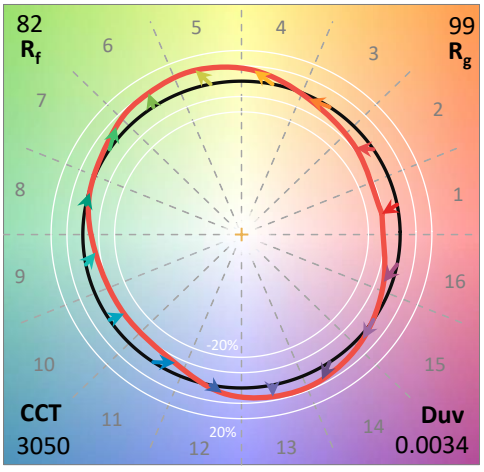
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2408-195-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/07/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	MCGRAW EDISON
Catalog Number:	**GALN-SB1A-830-U-5WQ**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K):	3050	CRI (Ra):	81.0		
CIE u':	0.2476	R1:	79.6	R9:	7.1
CIE v':	0.5251	R2:	85.6	R10:	67.0
Duv:	0.0034	R3:	92.0	R11:	82.7
CIE x:	0.4383	R4:	82.6	R12:	63.2
CIE y:	0.4131	R5:	78.9	R13:	80.3
CIE z:	0.1487	R6:	81.7	R14:	95.0
Peak Wavelength (nm):	603	R7:	85.2	R15:	71.7
Dominant Wavelength (nm):	581	R8:	62.0		
Purity:	55.55201				

Rf:	81.5
Rg:	99.2



Test Conditions

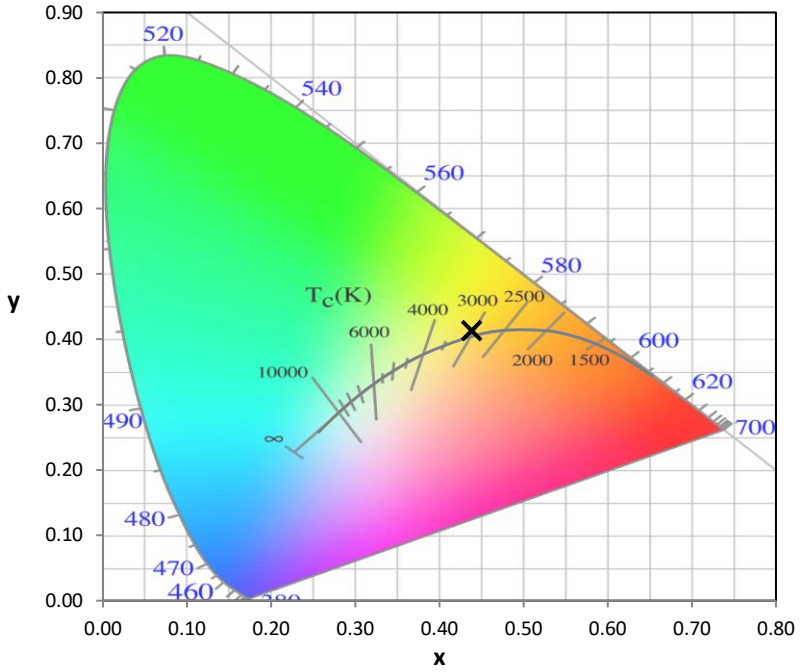
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

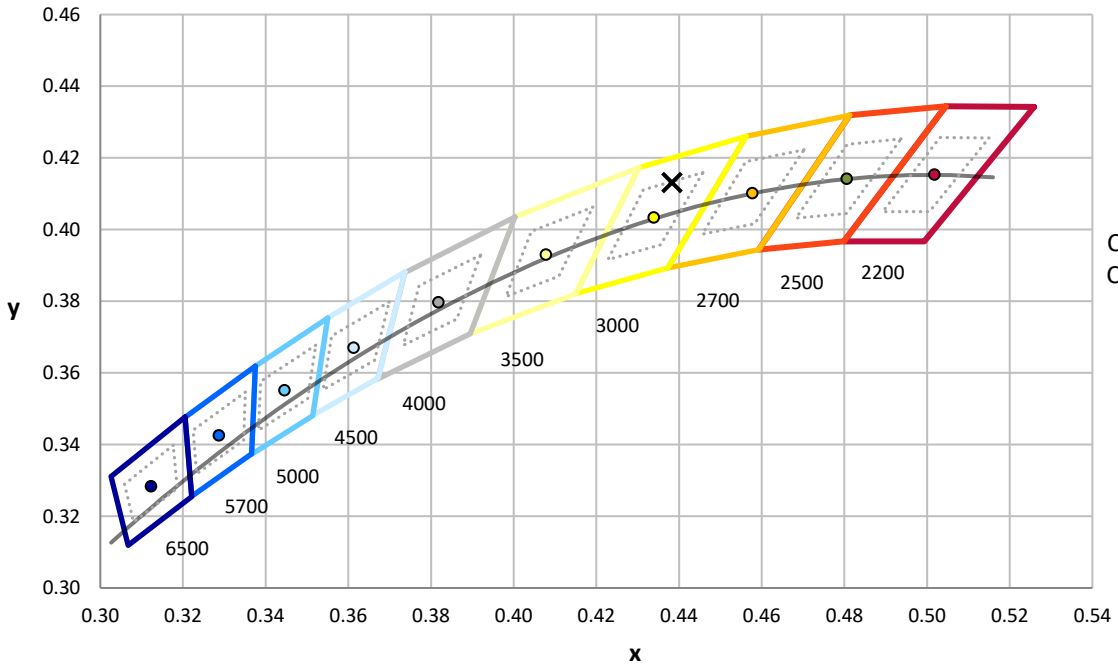
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

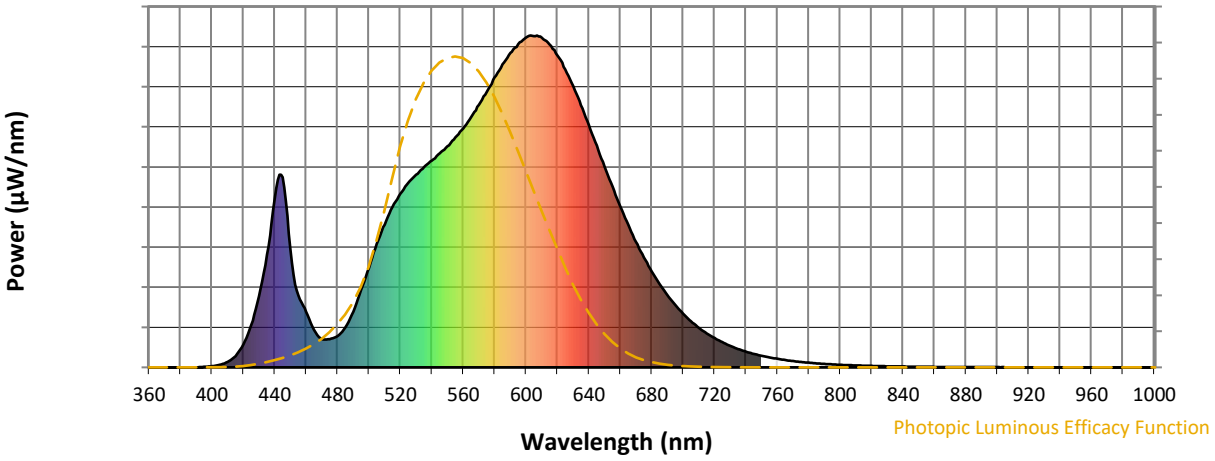


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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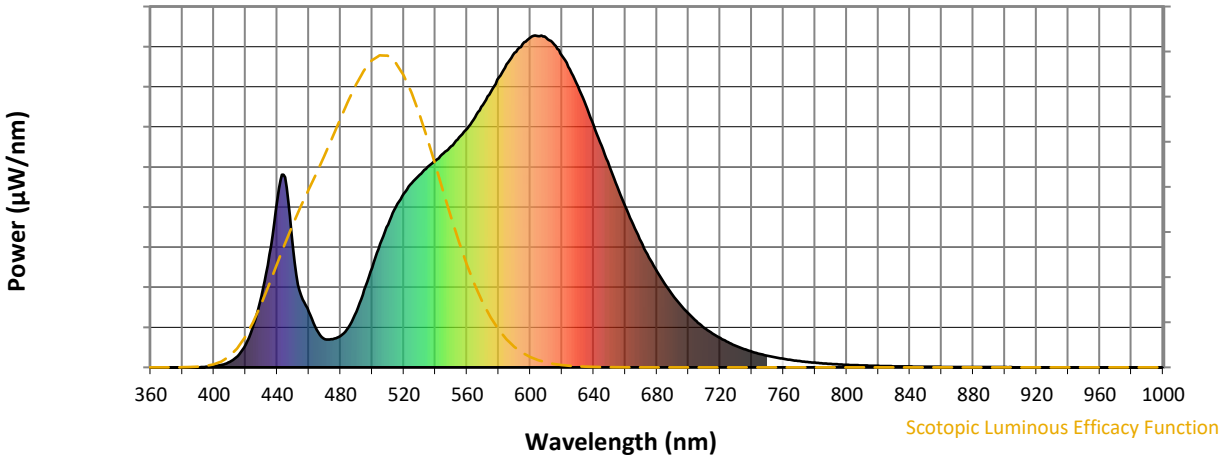
Scotopic Flux vs. Wavelength



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

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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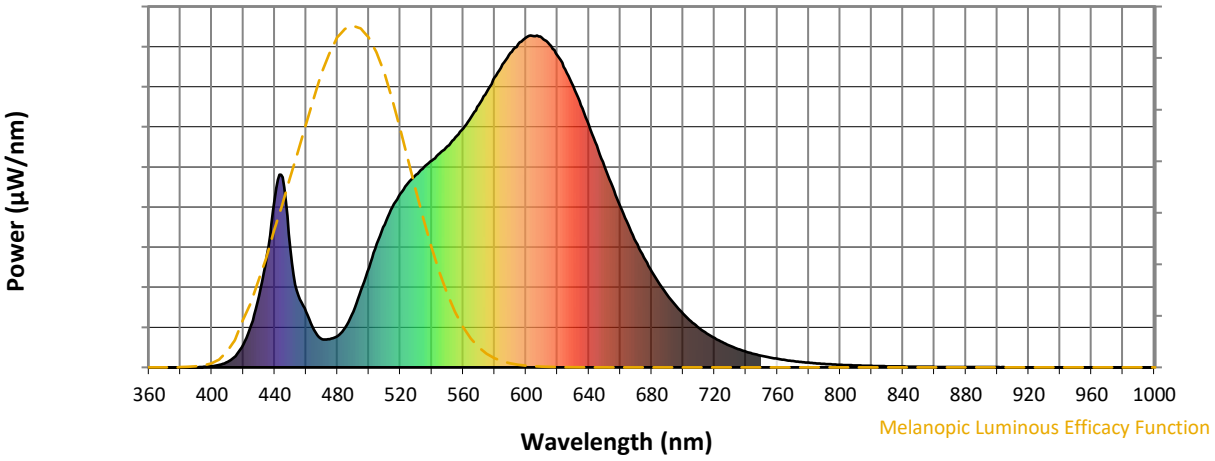
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.32**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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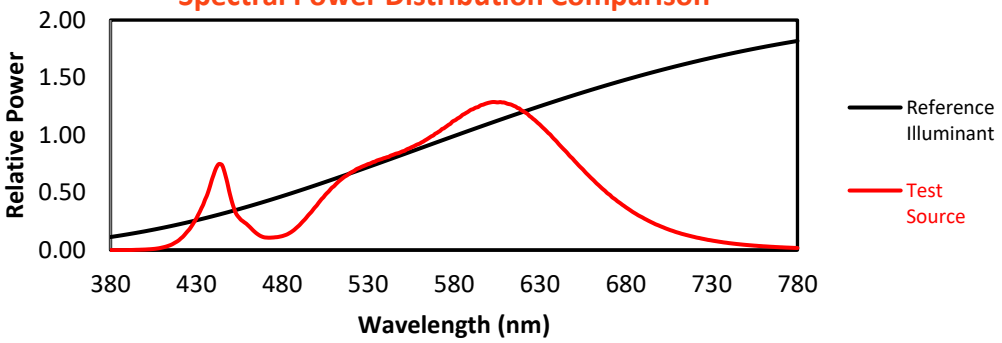
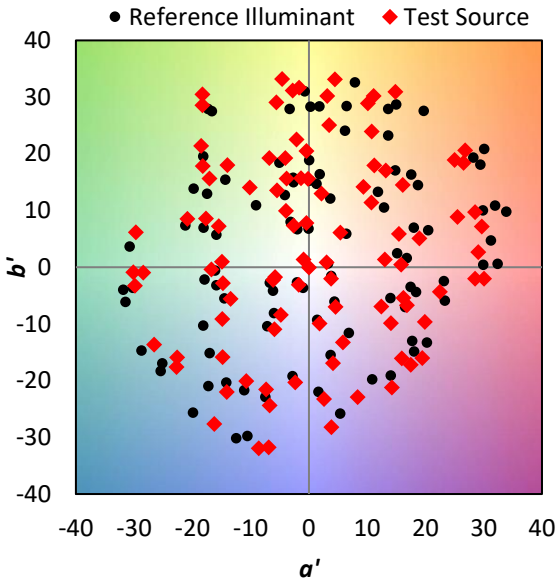
Summary

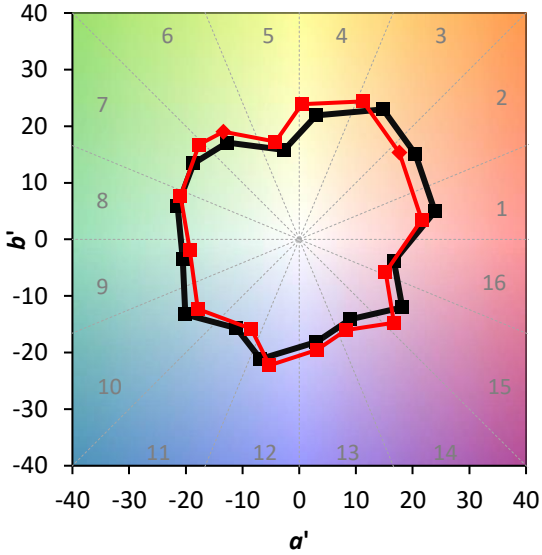
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

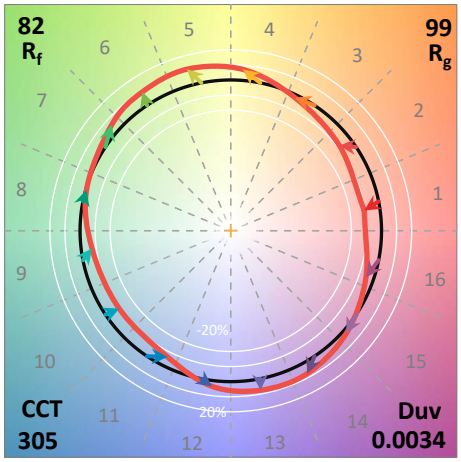
Spectral Power Distribution Comparison

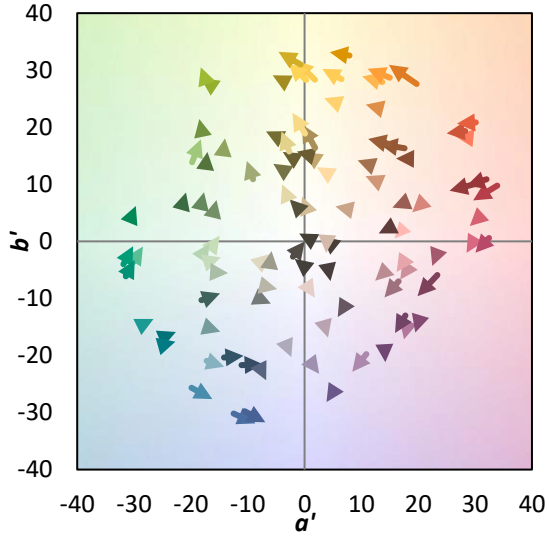


Color Vector Graphics









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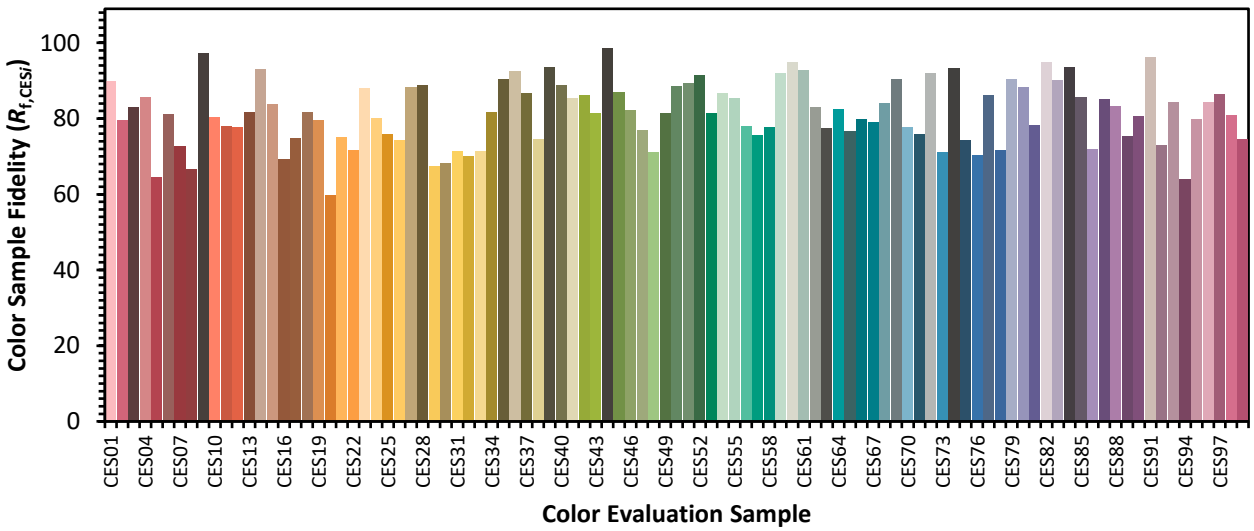
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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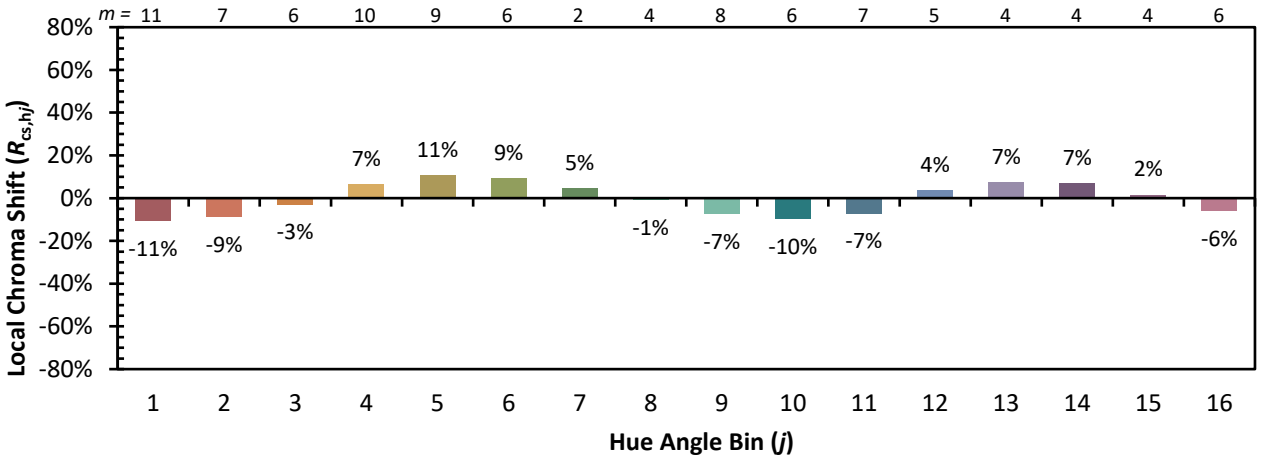
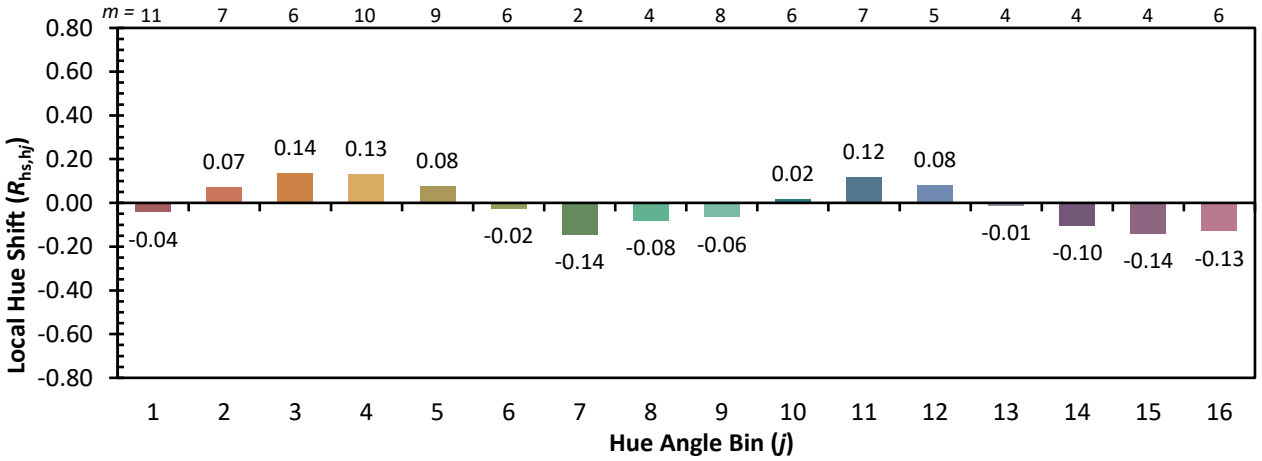
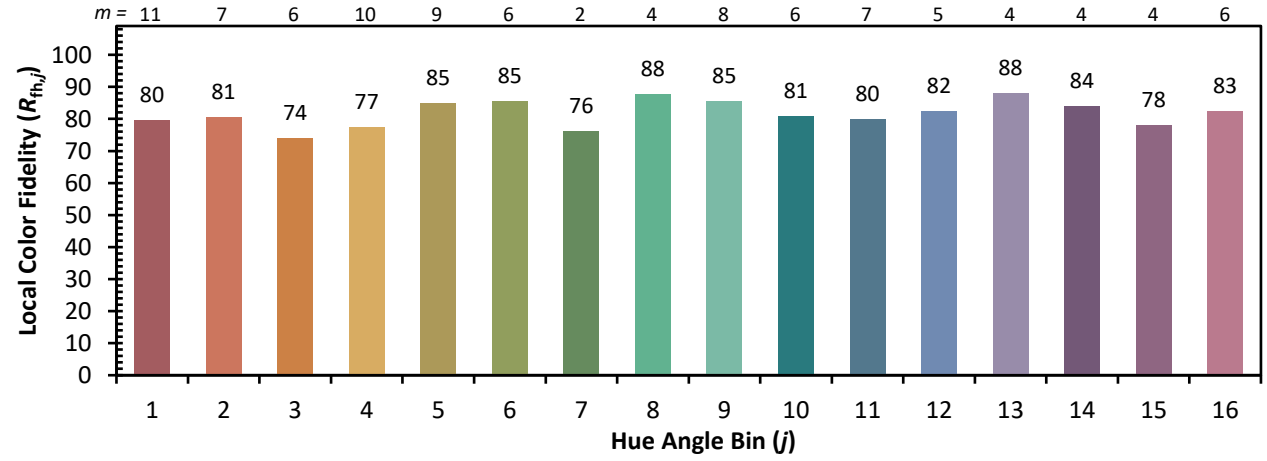
Color Rendition by Hue-Angle Bin







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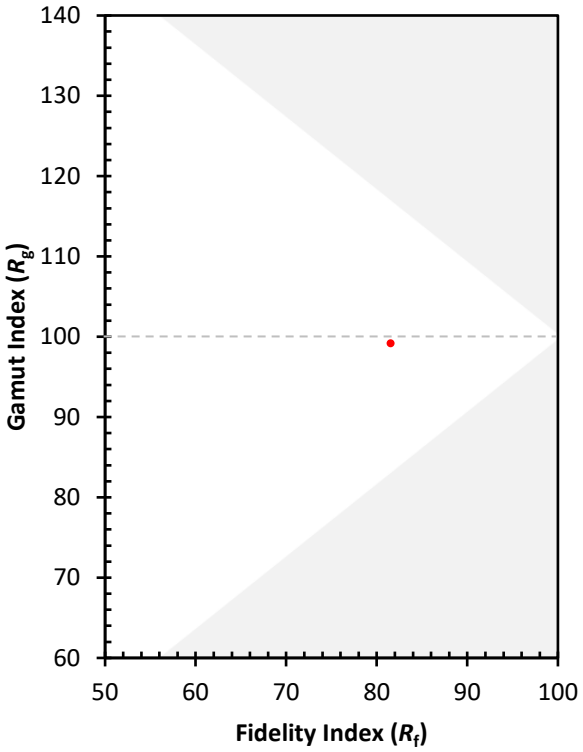
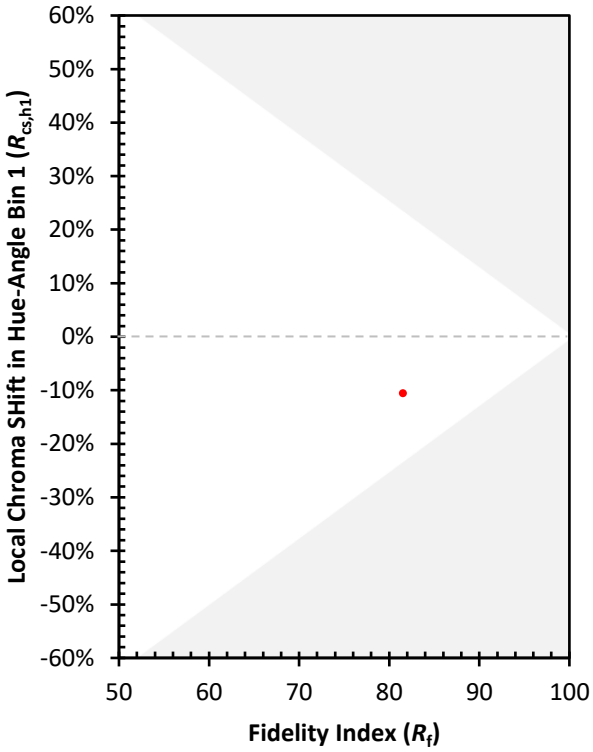
Measure Comparisons





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