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: P386051

Luminaire Tested: **GPC-SA1C-830-U-SL3**

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:	P386051
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-22)
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-SL3
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6004 lumens
Efficiency:	N/A
Efficacy:	103.5 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: P386051
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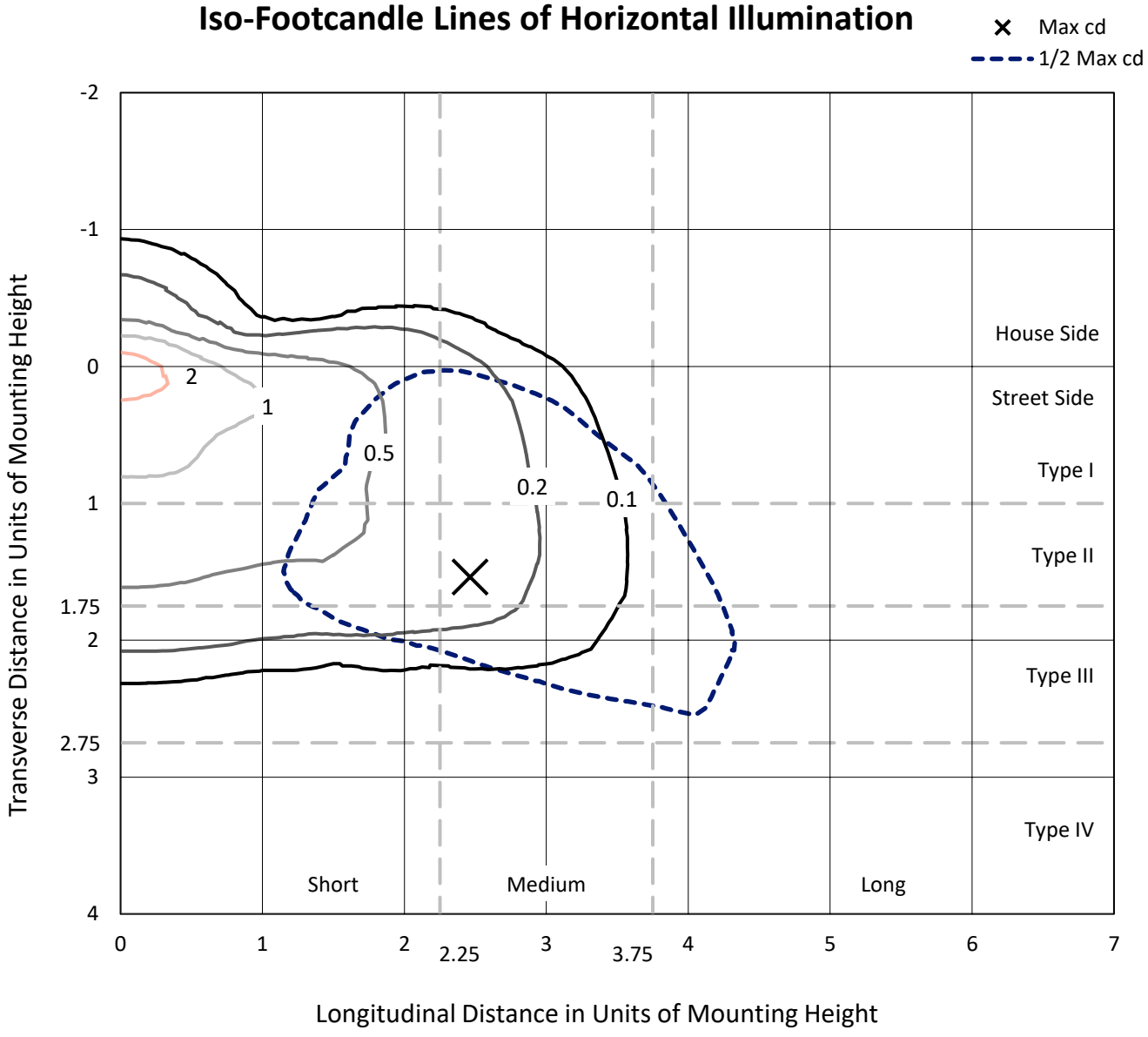
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 2.7 fc
Type III - Medium - N/A

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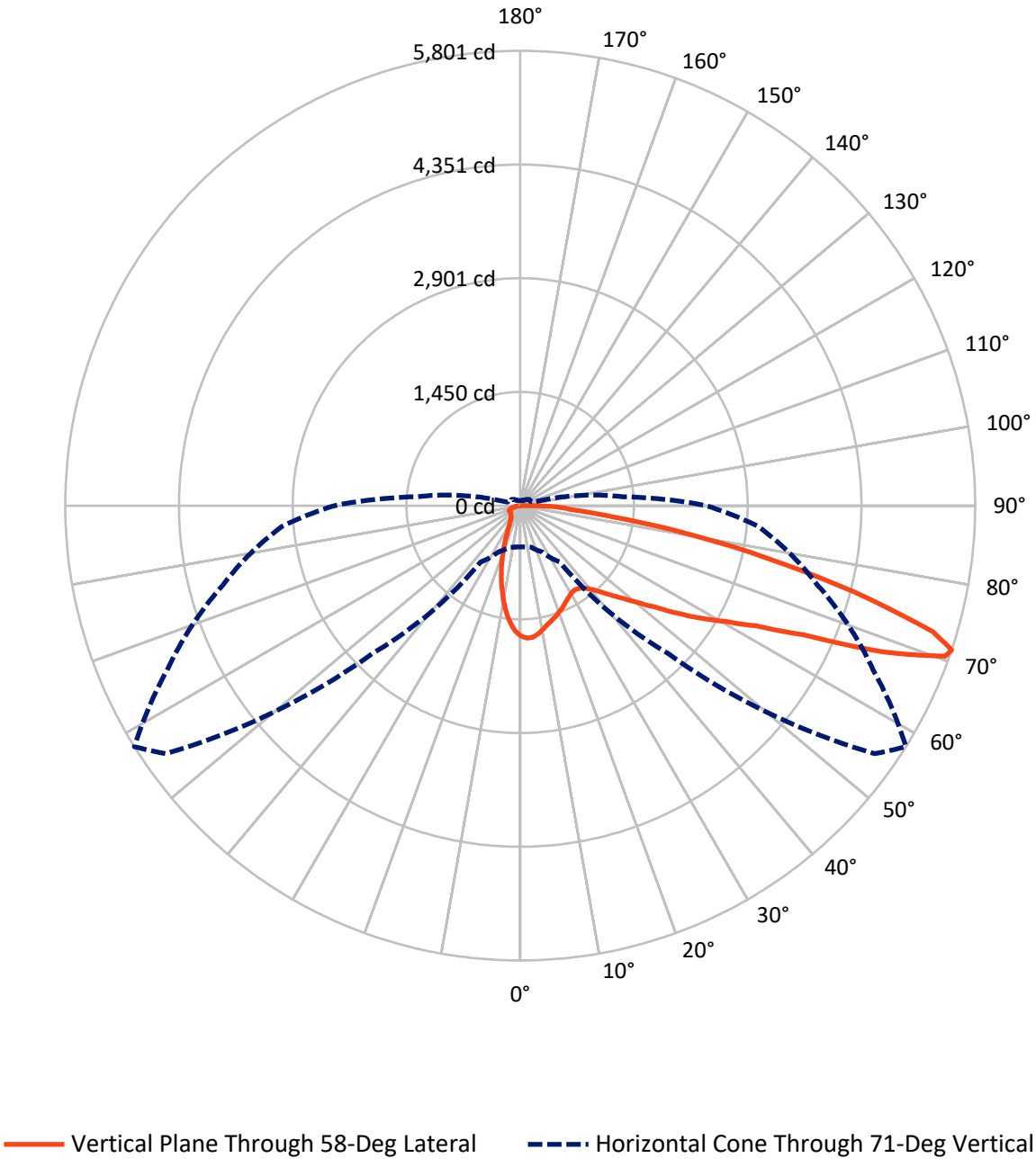
Luminous Intensity Polar Plot



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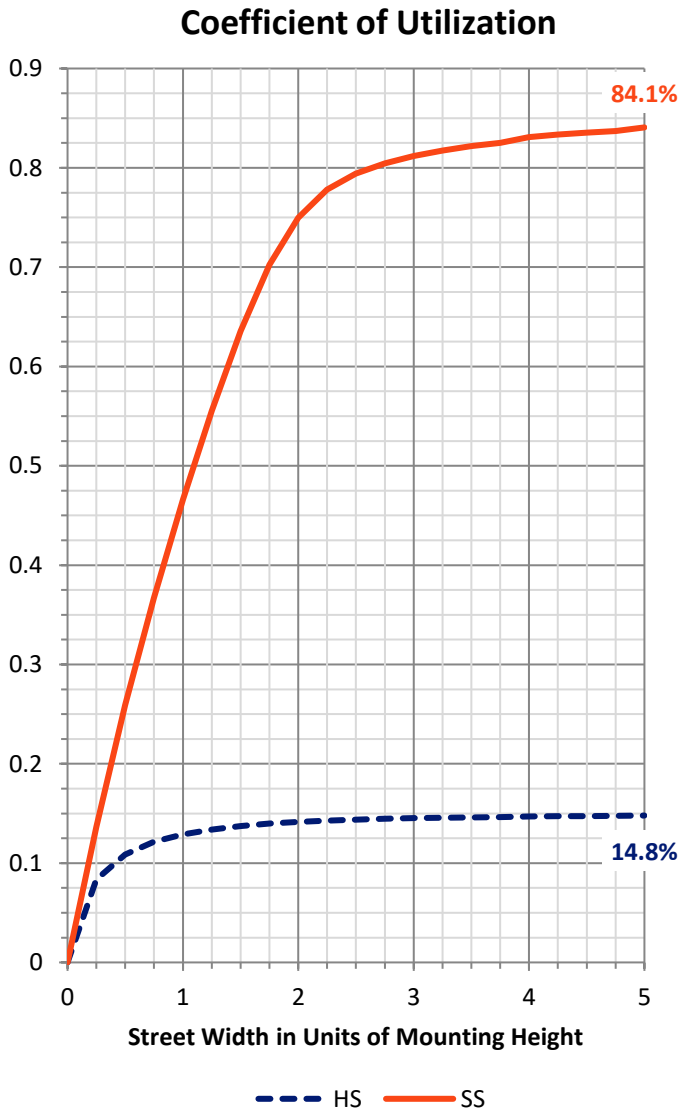
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	897.6	0.0	897.6
	% Fixture	15.0	0.0	15.0
Street Side	Lumens	5106.4	0.0	5106.4
	% Fixture	85.0	0.0	85.0
Total	Lumens	6004.0	0.0	6004.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.5	2.4
10°-20°	319.1	5.3
20°-30°	405.6	6.8
30°-40°	516.6	8.6
40°-50°	732.6	12.2
50°-60°	1133.7	18.9
60°-70°	1543.4	25.7
70°-80°	1029.6	17.1
80°-90°	180.0	3.0
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°	6004.0	100.0
0°-180°	6004.0	100.0



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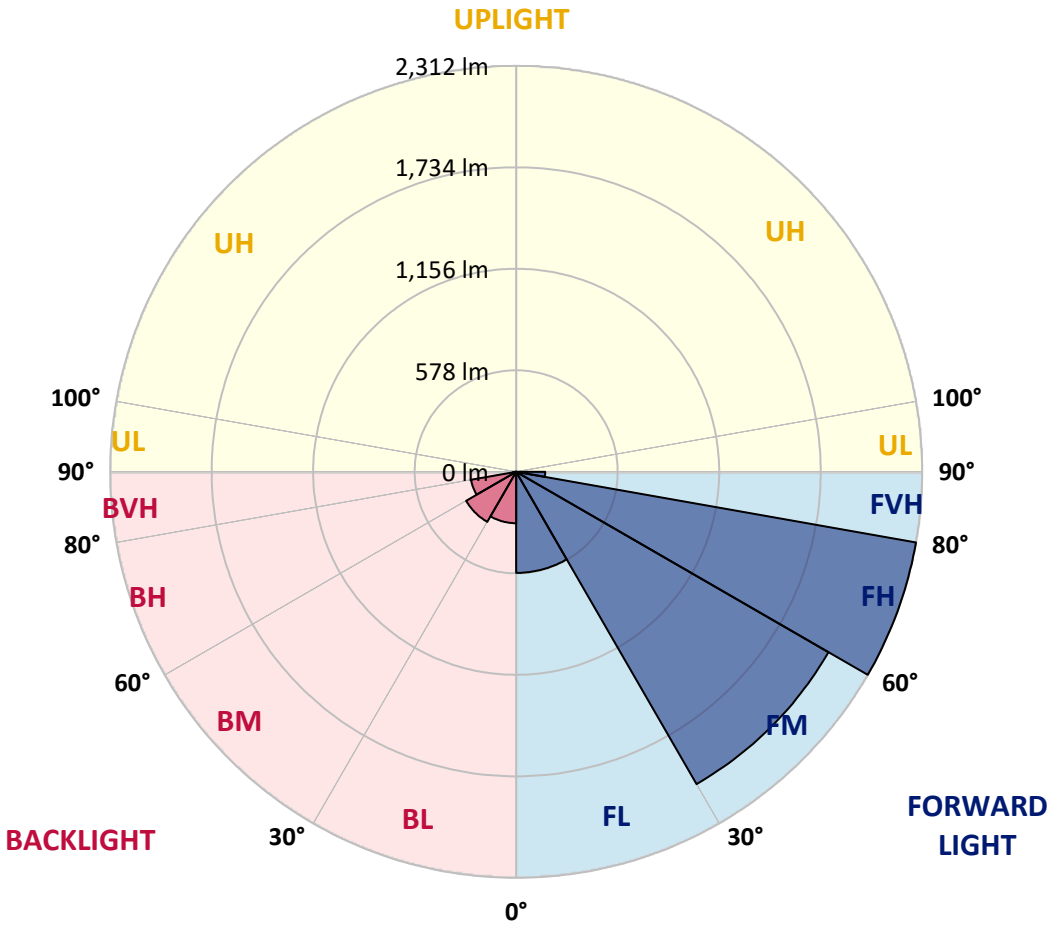
CATALOG NUMBER: GPC-SA1C-830-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	575.6	9.6			
FM	(30°-60°)	2053.7	34.2			
FH	(60°-80°)	2312.1	38.5			G2/5000
FVH	(80°-90°)	165.1	2.7			G2/225
BL	(0°-30°)	292.6	4.9	B1/500		
BM	(30°-60°)	329.2	5.5	B1/1000		
BH	(60°-80°)	260.9	4.3	B1/500		G1/500
BVH	(80°-90°)	15.0	0.2			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: P386051
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5
2.5°	1707.6	1705.3	1706.2	1704.5	1700.5	1696.6	1690.7	1691.7	1683.6	1671.5	1656.4
5°	1675.4	1674.6	1680.9	1684.4	1687.4	1685.1	1683.4	1685.5	1673.5	1656.8	1630.7
7.5°	1607.9	1598.7	1606.6	1618.5	1629.8	1638.4	1649.7	1651.2	1643.6	1626.1	1591.8
10°	1511.9	1503.1	1514.8	1533.4	1556.0	1576.5	1599.3	1603.5	1604.9	1589.1	1547.4
12.5°	1412.3	1405.6	1417.4	1443.5	1480.9	1512.5	1548.9	1555.2	1568.1	1557.5	1506.4
15°	1323.2	1320.7	1334.9	1360.7	1403.8	1452.1	1504.6	1516.1	1538.0	1534.5	1474.4
17.5°	1246.3	1245.6	1256.5	1283.5	1331.2	1392.3	1460.4	1479.9	1512.5	1516.7	1448.1
20°	1189.0	1187.7	1195.2	1215.1	1264.3	1333.5	1412.7	1439.5	1486.6	1501.2	1420.9
22.5°	1158.2	1158.0	1158.2	1167.6	1207.8	1272.2	1366.3	1398.9	1461.3	1488.9	1390.8
25°	1153.0	1152.4	1147.8	1146.7	1169.5	1221.0	1320.3	1356.3	1437.2	1480.3	1362.1
27.5°	1166.6	1167.4	1161.4	1151.5	1156.1	1187.3	1280.4	1318.8	1418.0	1478.6	1342.3
30°	1194.8	1194.4	1189.2	1178.9	1169.9	1174.7	1251.9	1290.4	1405.0	1485.9	1328.7
32.5°	1226.0	1228.3	1227.2	1221.6	1208.2	1189.0	1243.3	1281.0	1401.2	1503.5	1322.8
35°	1263.4	1265.9	1273.5	1277.9	1262.2	1231.2	1261.7	1294.4	1412.1	1536.6	1332.2
37.5°	1299.0	1305.5	1326.6	1345.2	1331.8	1297.3	1310.7	1333.9	1445.8	1588.6	1357.5
40°	1340.0	1345.6	1380.1	1419.7	1417.6	1381.8	1389.5	1405.0	1505.2	1663.3	1403.3
42.5°	1380.3	1391.6	1441.6	1497.7	1513.8	1482.2	1494.5	1502.7	1588.8	1762.2	1483.2
45°	1434.1	1446.2	1515.6	1583.2	1620.8	1603.1	1622.7	1625.9	1694.0	1896.9	1599.3
47.5°	1515.4	1529.2	1610.2	1681.1	1738.6	1740.5	1772.9	1771.6	1825.4	2051.0	1745.5
50°	1642.2	1662.0	1728.3	1794.6	1864.5	1903.4	1946.7	1940.6	1982.9	2215.2	1913.9
52.5°	1808.2	1817.4	1866.6	1915.5	2002.3	2089.5	2151.6	2146.2	2161.5	2384.0	2105.0
55°	1980.4	1987.3	2007.5	2034.3	2151.0	2293.2	2424.6	2416.0	2377.3	2559.3	2293.9
57.5°	2135.1	2149.1	2163.1	2174.2	2300.8	2506.1	2703.8	2704.4	2611.5	2748.3	2489.0
60°	2159.2	2171.5	2264.2	2351.6	2557.0	2790.2	3002.6	2996.4	2853.9	2953.5	2706.5
62.5°	1908.6	1936.4	2091.2	2323.8	2803.7	3309.7	3383.9	3376.2	3143.8	3206.3	2959.8
65°	1367.8	1399.4	1586.1	1935.6	2684.1	3882.1	4072.0	3967.8	3539.1	3517.3	3256.3
67.5°	789.1	796.6	877.6	1158.2	2043.7	3912.0	5121.7	4975.9	4152.9	3870.2	3401.5
70°	583.5	583.3	602.5	712.8	1105.9	3192.8	5620.9	5751.6	4799.2	3986.2	3196.3
71°	527.7	528.3	549.8	648.8	875.9	2672.4	5514.8	5801.0	4969.4	3928.9	3047.8
72.5°	451.3	453.4	483.3	581.8	736.8	1843.0	5058.1	5504.8	5050.1	3787.5	2815.5
75°	342.4	347.2	388.6	490.4	673.4	934.7	3712.3	4395.7	4486.3	3342.1	2092.0
77.5°	244.3	249.7	296.6	412.4	640.2	704.4	2486.1	3206.3	3301.5	2141.8	943.6
80°	154.3	160.8	196.2	328.1	601.5	668.8	1562.3	2155.2	1800.3	685.4	240.1
82.5°	90.6	95.6	121.7	214.4	491.3	644.2	919.2	1194.6	700.6	207.0	109.2
85°	52.5	54.8	75.9	136.6	356.8	608.0	675.3	667.8	304.1	101.2	51.7
87.5°	24.5	27.2	45.0	71.3	198.1	440.7	533.7	461.2	189.1	47.5	24.3
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: P386051
CATALOG NUMBER: GPC-SA1C-830-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5
2.5°	1649.1	1645.5	1630.7	1617.5	1603.7	1585.7	1565.8	1563.3	1551.2	1553.5	1549.3
5°	1616.5	1607.5	1571.7	1539.3	1501.0	1466.7	1429.5	1412.3	1387.7	1386.0	1379.7
7.5°	1569.8	1553.1	1497.7	1436.2	1374.7	1316.1	1258.2	1220.1	1181.2	1164.7	1163.2
10°	1517.3	1488.9	1407.3	1316.3	1227.7	1142.1	1059.3	998.0	942.8	916.7	915.6
12.5°	1467.5	1425.5	1313.6	1189.8	1068.5	957.7	844.1	763.6	694.3	671.1	661.3
15°	1425.3	1366.1	1222.4	1064.1	916.9	762.9	633.7	549.0	485.0	462.8	458.6
17.5°	1384.3	1308.2	1128.9	937.2	759.2	590.0	460.5	397.6	363.5	354.5	354.3
20°	1343.5	1248.6	1031.3	807.3	606.7	441.3	354.1	325.8	314.3	313.3	311.6
22.5°	1297.3	1185.4	928.6	677.0	473.5	347.0	301.0	289.7	288.2	292.0	292.0
25°	1254.0	1122.7	824.4	549.4	368.3	289.5	268.7	266.4	270.4	277.1	277.7
27.5°	1213.6	1062.2	722.8	436.1	295.1	254.9	246.4	249.1	256.2	263.9	264.1
30°	1180.4	1005.1	624.1	343.6	249.3	229.2	227.8	233.2	240.9	247.0	248.5
32.5°	1154.7	956.4	528.7	276.3	219.4	210.0	211.2	215.8	220.6	224.0	226.3
35°	1142.7	914.6	440.7	233.0	200.4	195.1	196.8	199.3	201.4	203.9	205.8
37.5°	1144.8	882.2	362.0	206.0	187.6	184.9	184.9	184.9	184.9	186.1	186.3
40°	1164.3	863.5	298.0	188.9	179.0	176.1	173.8	171.7	170.0	170.9	170.5
42.5°	1214.1	861.9	251.2	178.0	172.1	167.3	162.7	159.8	157.7	158.5	158.9
45°	1298.6	882.8	219.6	170.2	165.6	158.3	152.5	149.3	147.9	150.6	151.0
47.5°	1407.9	928.4	200.4	164.6	159.6	150.0	143.7	140.8	141.2	145.1	146.2
50°	1548.9	1002.4	191.2	161.0	155.4	142.8	136.4	133.9	135.1	140.8	142.0
52.5°	1703.7	1109.1	192.2	160.0	152.7	137.6	130.7	127.8	129.9	135.1	136.2
55°	1882.3	1237.3	209.6	161.5	148.7	134.3	126.1	121.1	122.8	127.6	128.4
57.5°	2080.7	1384.1	244.5	161.0	143.7	131.1	121.3	113.8	115.0	118.0	118.8
60°	2287.4	1561.4	298.7	162.3	141.4	127.4	114.8	105.4	105.0	107.5	107.9
62.5°	2535.4	1766.6	360.6	163.1	142.8	122.6	106.2	97.0	95.8	96.4	96.8
65°	2791.0	1915.1	337.3	159.8	147.4	118.6	98.7	88.9	86.6	86.2	86.4
67.5°	2798.9	1755.9	236.5	153.1	149.3	116.5	93.1	82.0	78.2	76.8	76.5
70°	2510.1	1426.6	184.3	146.0	141.8	113.1	87.8	76.3	70.7	68.4	68.2
71°	*2369.2*	*1313.2*	*174.6*	*142.4*	*136.2*	*109.8*	*85.5*	*73.8*	*68.0*	*65.5*	*65.0*
72.5°	2148.1	1177.3	162.9	136.8	125.3	101.2	81.1	70.3	64.2	61.3	60.7
75°	1541.6	769.8	139.9	121.9	103.7	80.7	71.1	63.2	57.9	54.4	54.0
77.5°	594.0	306.4	105.8	101.4	79.5	63.2	58.6	54.6	50.8	47.3	47.1
80°	183.6	137.0	77.2	76.3	57.5	47.1	45.6	44.5	43.1	39.3	38.5
82.5°	98.1	78.6	53.1	49.4	37.6	31.4	33.0	33.5	33.7	29.7	29.3
85°	46.8	41.6	29.9	28.0	22.0	17.6	20.3	22.0	22.2	18.2	16.9
87.5°	22.4	21.8	14.0	10.7	8.2	5.9	7.1	8.8	9.6	6.9	6.1
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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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

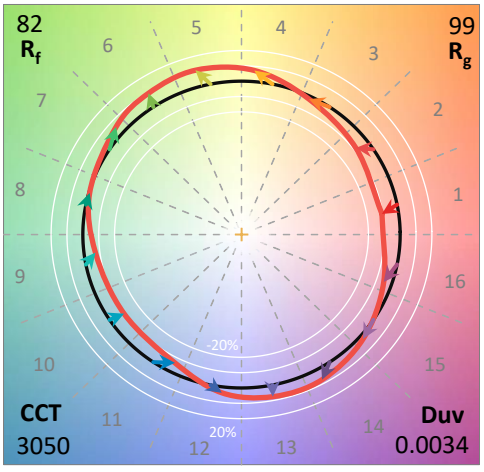
Test Information

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

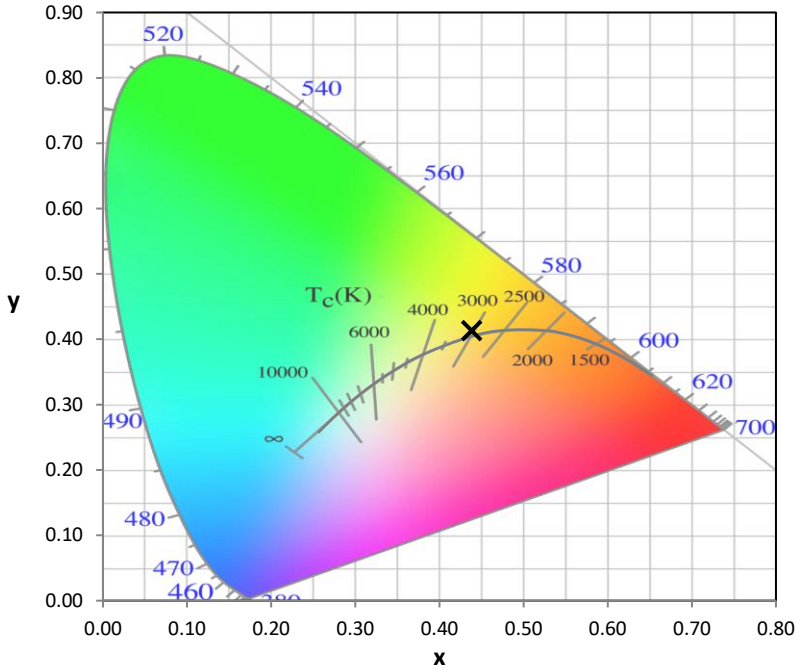
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

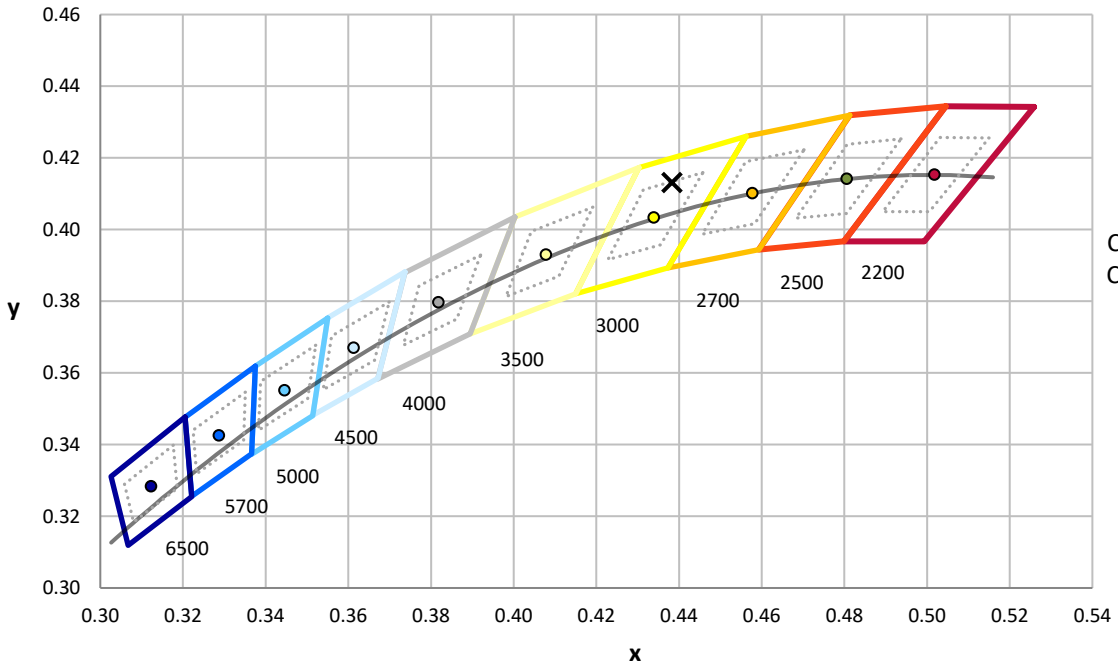
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

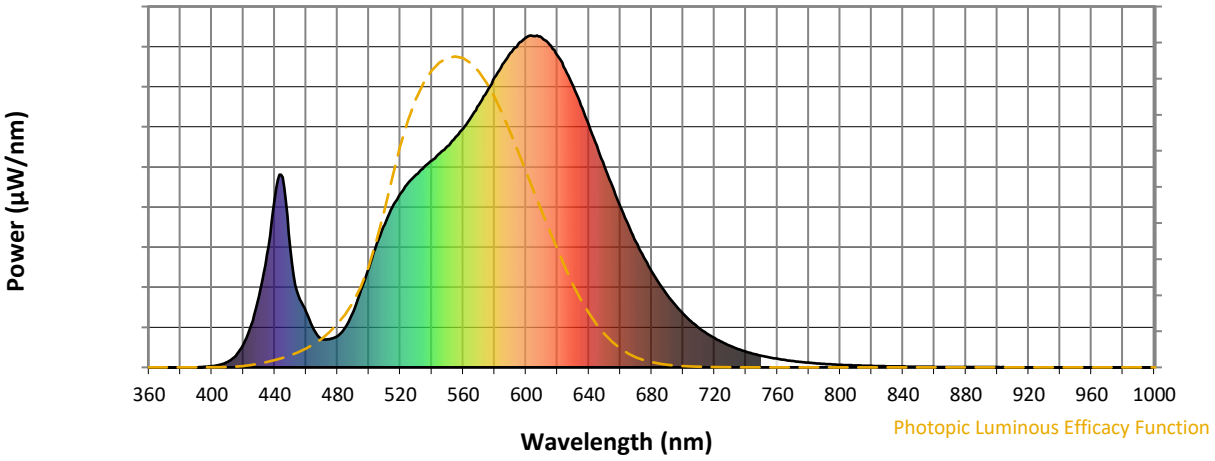


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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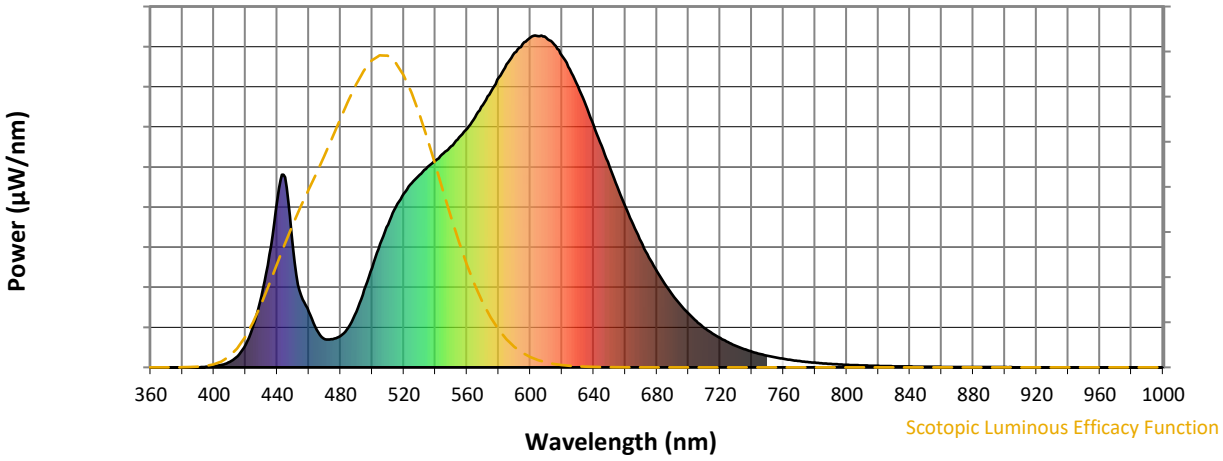
Scotopic Flux vs. Wavelength



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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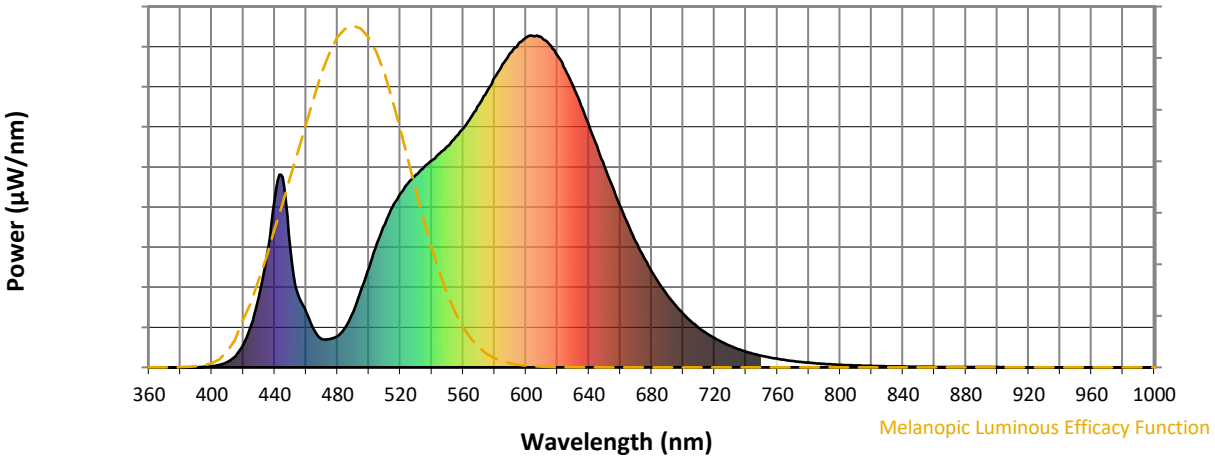
Melanopic Flux vs. Wavelength



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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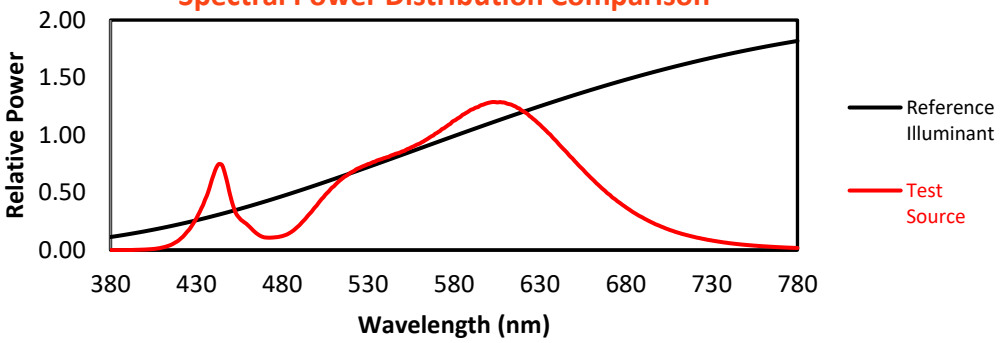
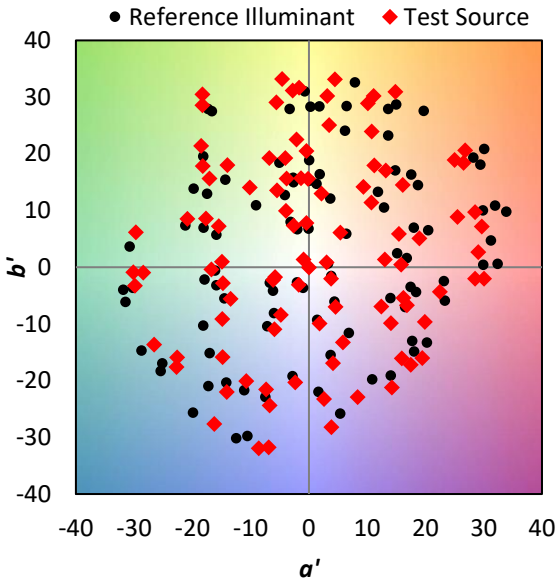
Summary

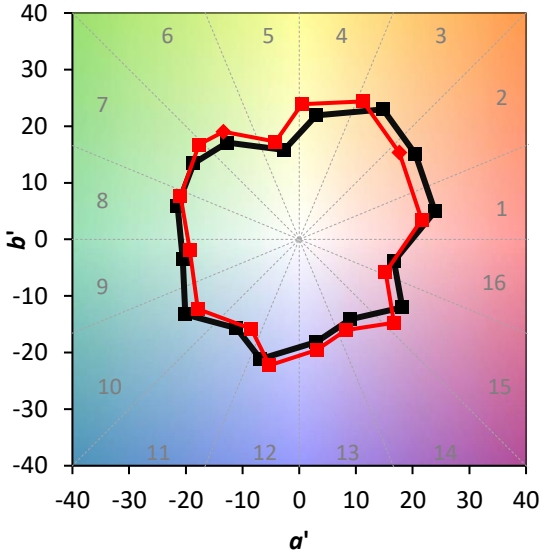
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

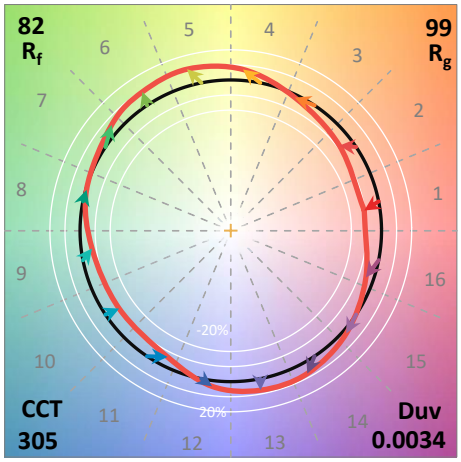
Spectral Power Distribution Comparison

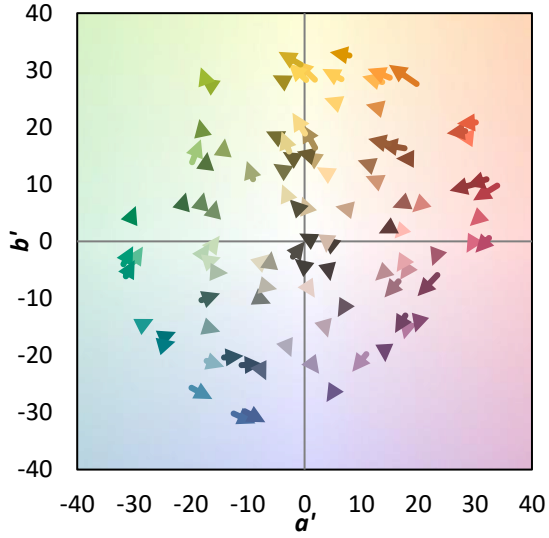


Color Vector Graphics









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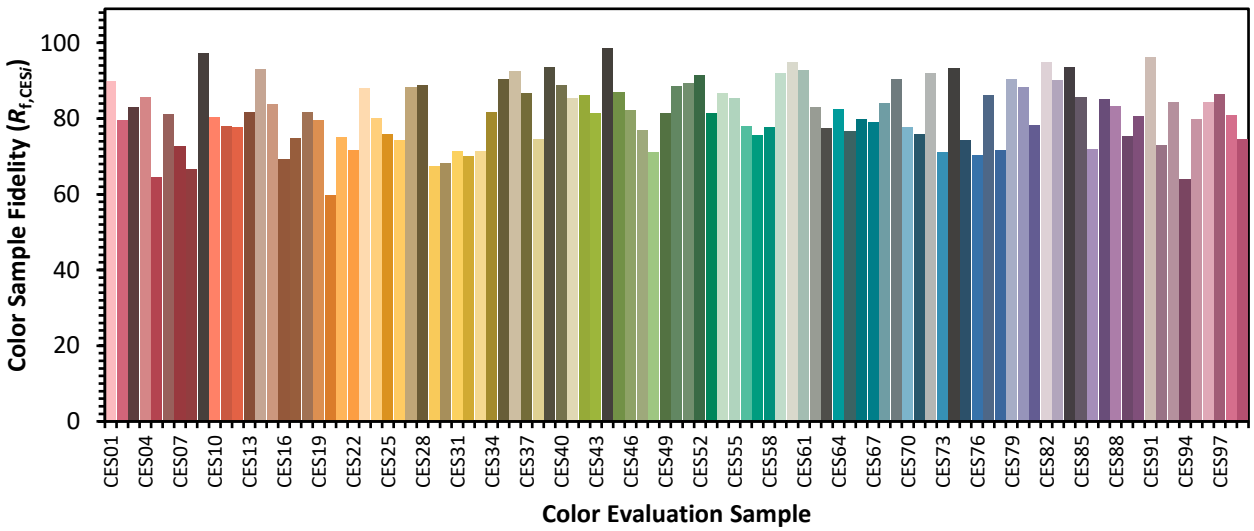
Individual Sample Fidelity Index ($R_{f,i}$)

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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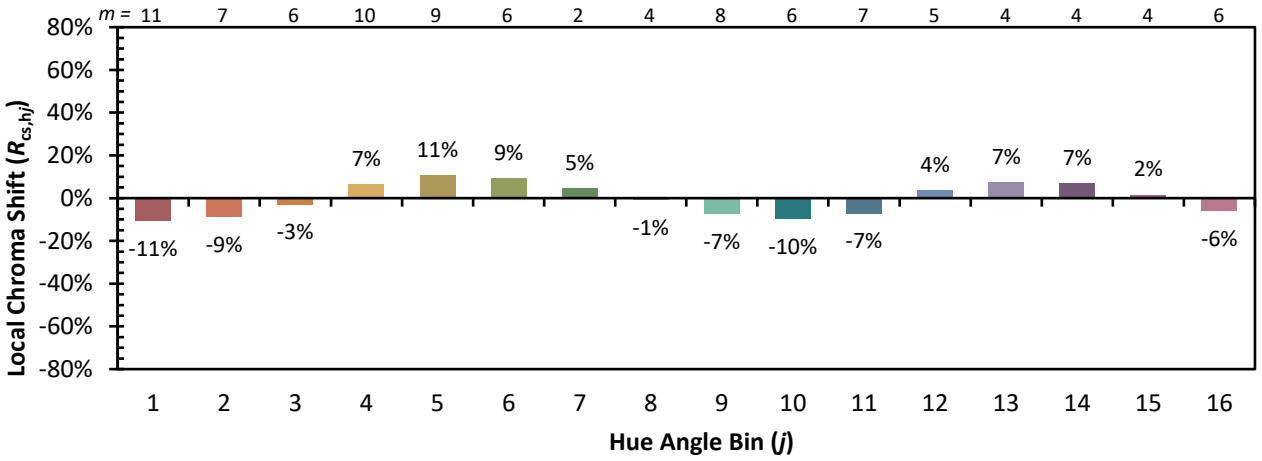
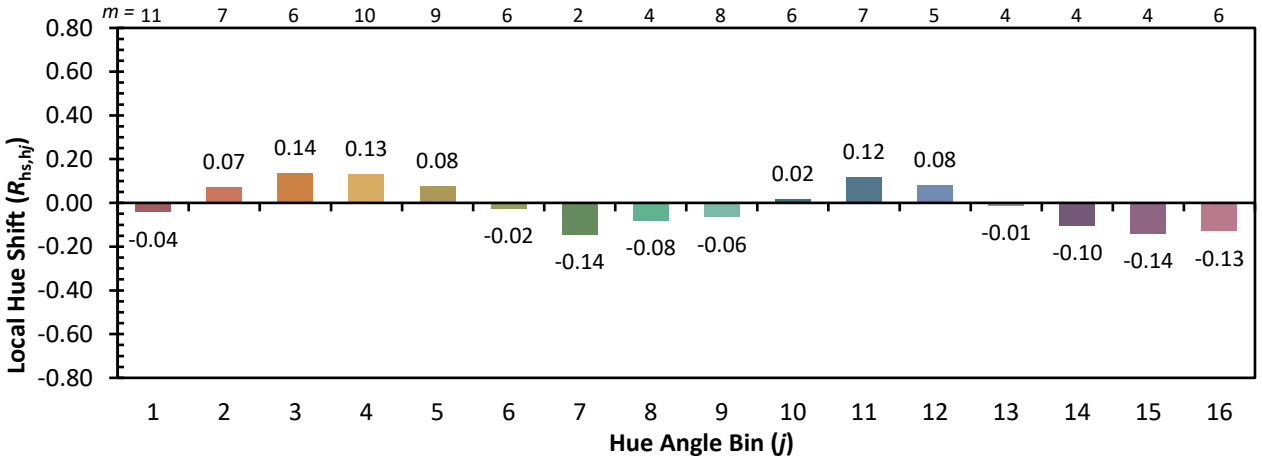
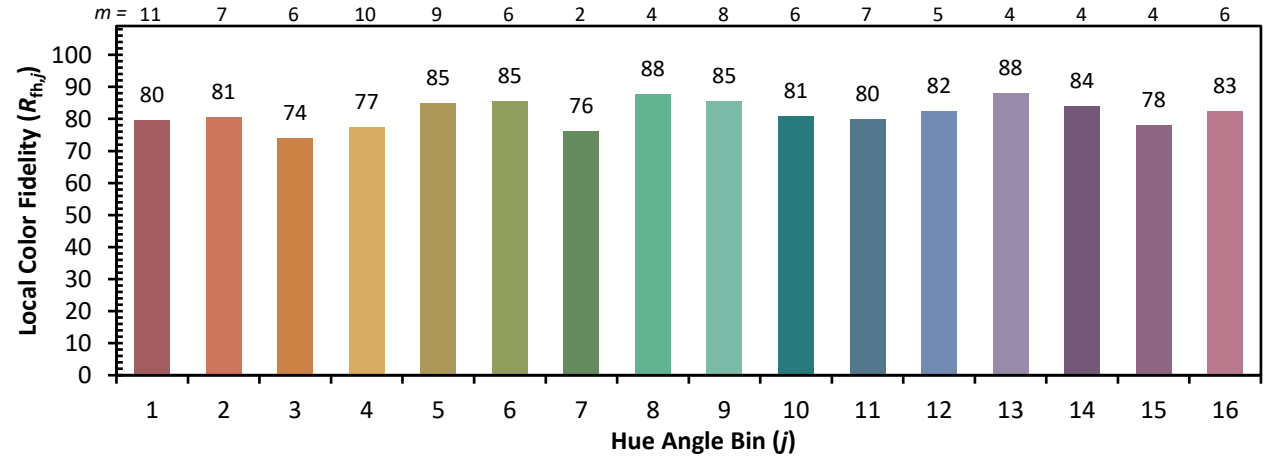
Color Rendition by Hue-Angle Bin







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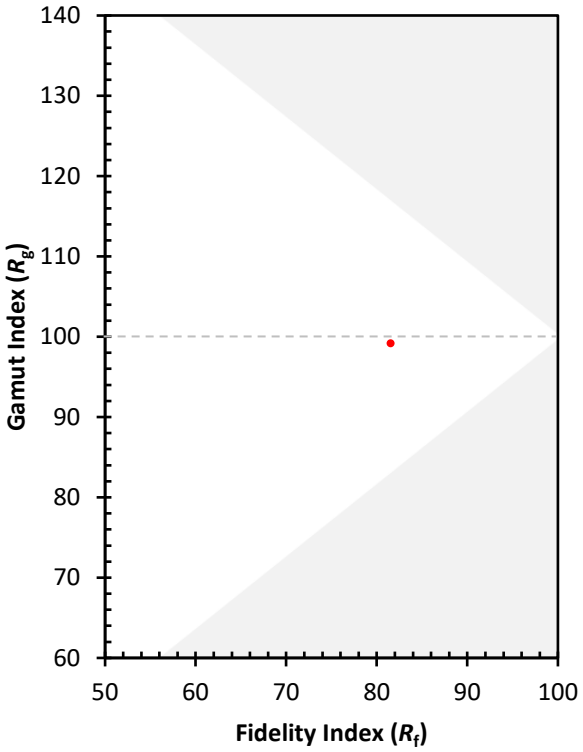
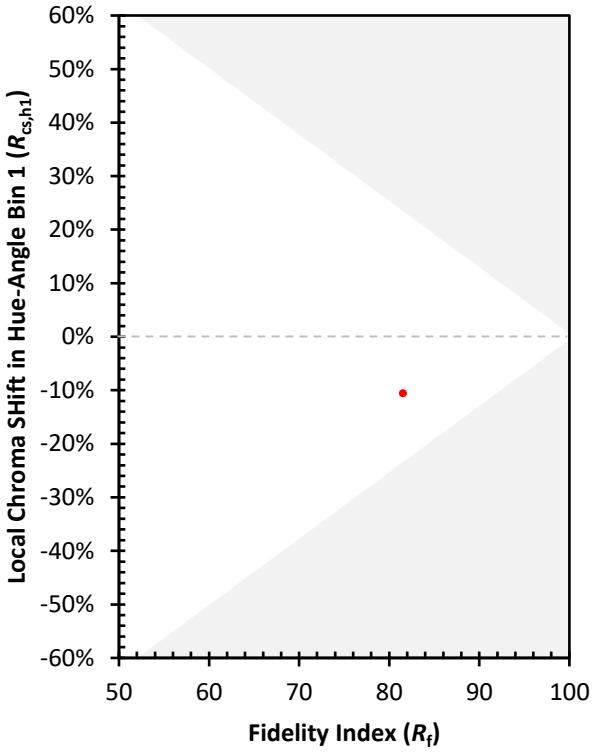
Measure Comparisons





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