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: STREETWORKS

Report Number: P856381

Luminaire Tested: **FFX-CLB-90-727-U-VM9**

Issue Date: 07/16/2024

Report Generated By 670245763

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:	P856381
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-727-U-VM9
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13204.4 lumens
Efficiency:	N/A
Efficacy:	146.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

Input Watts (W):	90.3
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.6%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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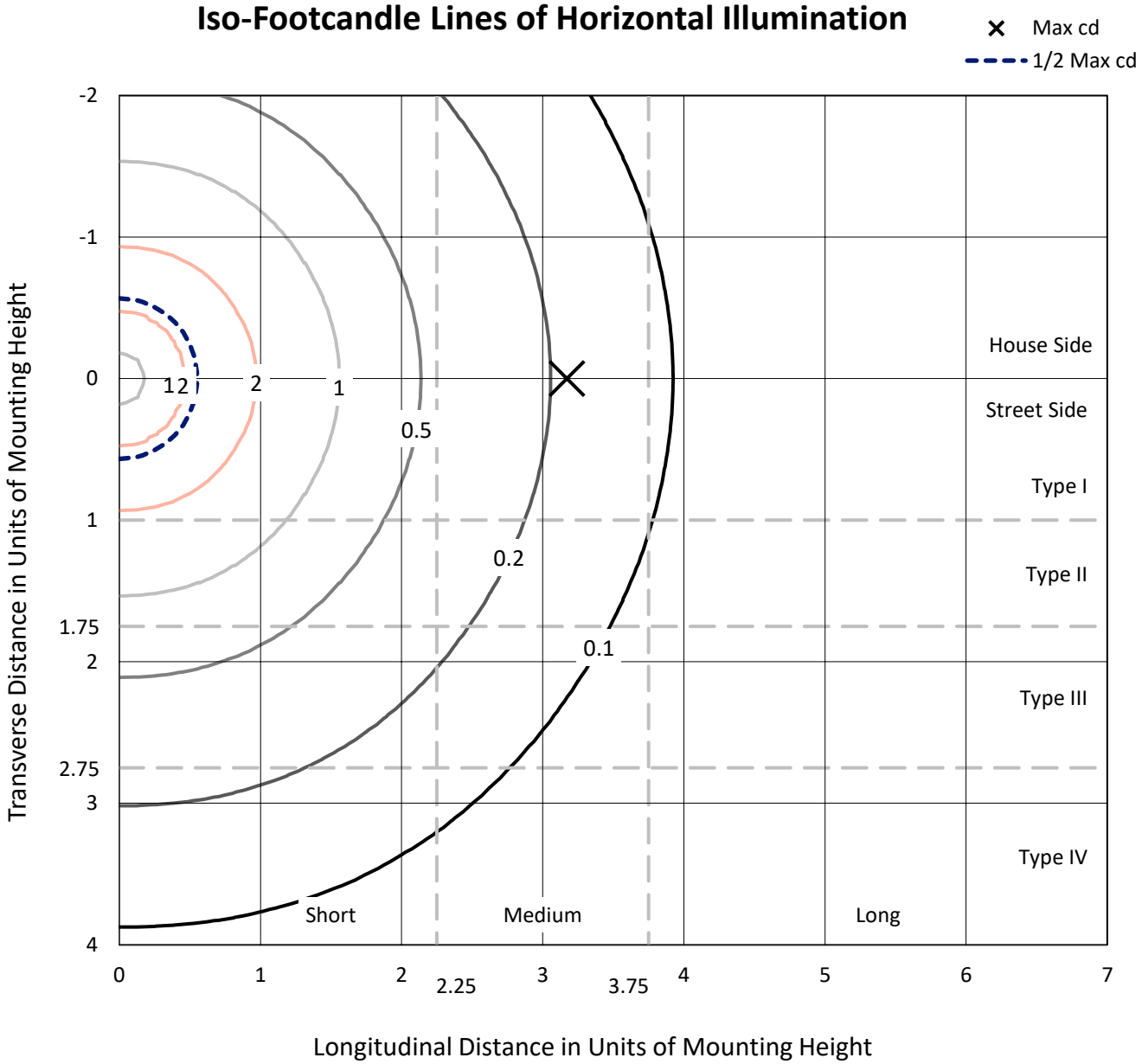
REPORT NUMBER: P856381
CATALOG NUMBER: FFX-CLB-90-727-U-VM9

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
Type V - Short - N/A

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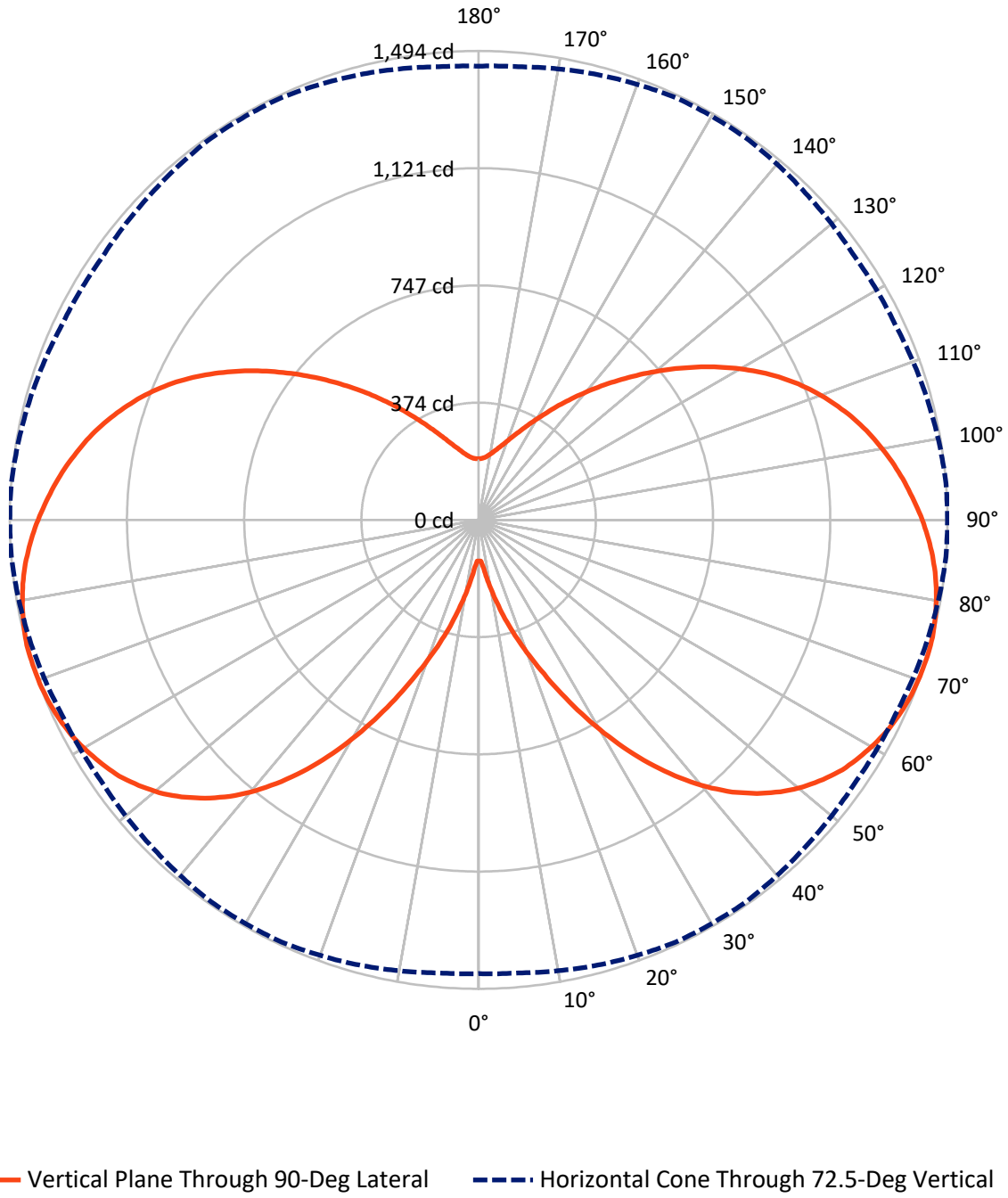
Luminous Intensity Polar Plot



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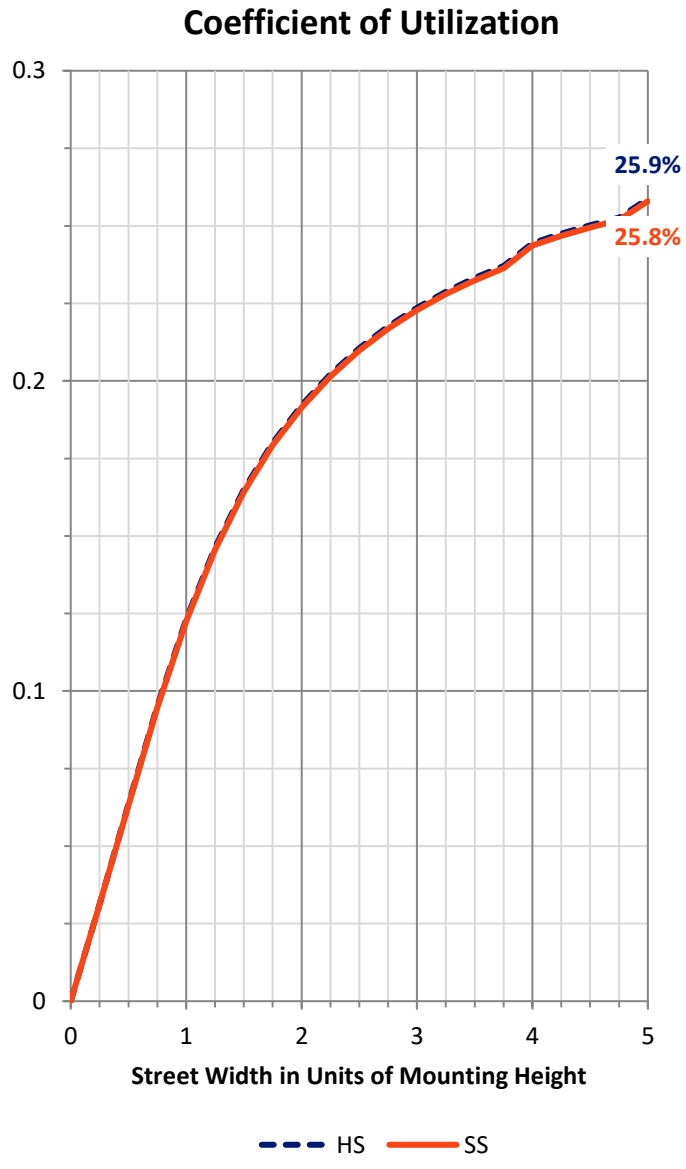
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3867.5	2734.8	6602.2
	% Fixture	29.3	20.7	50.0
Street Side	Lumens	3867.5	2734.8	6602.2
	% Fixture	29.3	20.7	50.0
Total	Lumens	7734.9	5469.5	13204.4
	% Fixture	58.6	41.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	0.1
10°-20°	99.0	0.8
20°-30°	286.2	2.2
30°-40°	595.3	4.5
40°-50°	944.8	7.2
50°-60°	1240.3	9.4
60°-70°	1446.2	11.0
70°-80°	1553.4	11.8
80°-90°	1552.7	11.8
90°-100°	1453.4	11.0
100°-110°	1275.2	9.7
110°-120°	1025.5	7.8
120°-130°	736.6	5.6
130°-140°	473.4	3.6
140°-150°	274.7	2.1
150°-160°	144.3	1.1
160°-170°	67.1	0.5
170°-180°	19.3	0.1
0°-90°	7734.9	58.6
0°-180°	13204.4	100.0



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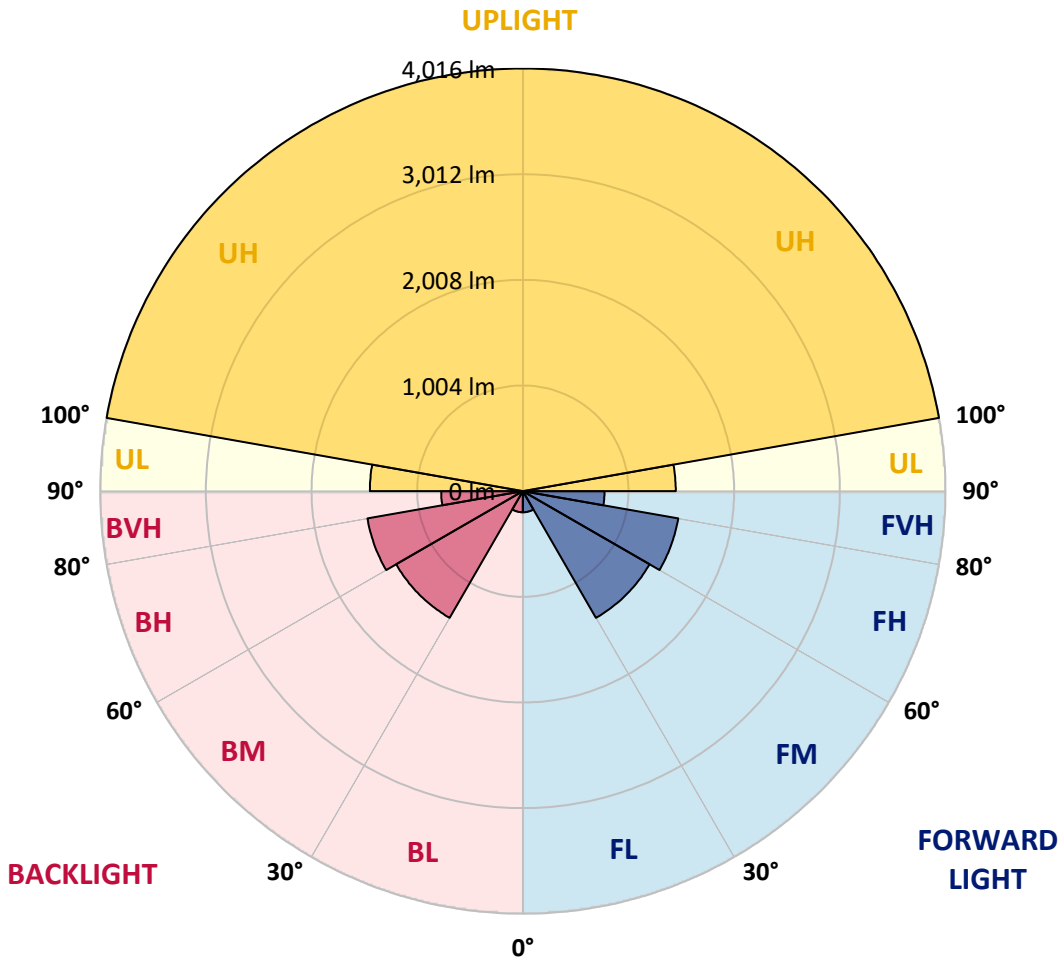
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	201.1	1.5			
FM	(30°-60°)	1390.2	10.5			
FH	(60°-80°)	1499.8	11.4			G1/1800
FVH	(80°-90°)	776.3	5.9			G5
BL	(0°-30°)	201.1	1.5	B1/500		
BM	(30°-60°)	1390.2	10.5	B2/2500		
BH	(60°-80°)	1499.8	11.4	B3/2500		G1/1800
BVH	(80°-90°)	776.3	5.9			G5
UL	(90°-100°)	1453.4	11.0		U5	
UH	(100°-180°)	4016.1	30.4		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P856381
CATALOG NUMBER: FFX-CLB-90-727-U-VM9

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9
2.5°	136.0	136.0	135.1	135.1	134.3	133.4	133.4	132.6	131.7	131.7	131.7
5°	151.3	150.4	150.4	150.4	150.4	149.6	150.4	149.6	149.6	149.6	150.4
7.5°	184.4	183.6	183.6	183.6	184.4	184.4	185.3	186.1	187.0	187.0	187.0
10°	227.8	226.9	226.9	226.1	227.8	227.8	228.6	226.9	229.5	229.5	230.3
12.5°	278.8	277.9	277.9	277.1	278.8	277.9	279.6	277.9	282.2	280.5	280.5
15°	334.0	334.0	333.2	332.3	334.9	334.9	336.6	336.6	339.1	337.4	338.3
17.5°	392.7	391.8	391.8	391.0	393.5	393.5	393.5	395.2	398.6	395.2	397.8
20°	455.6	454.7	454.7	453.9	456.4	456.4	458.1	459.0	462.4	459.8	461.5
22.5°	523.6	522.7	522.7	522.7	526.1	527.0	527.0	529.5	533.8	529.5	532.9
25°	599.2	598.4	598.4	600.9	603.5	604.3	606.0	609.4	613.7	609.4	613.7
27.5°	680.0	679.1	680.8	684.2	686.8	688.5	691.0	691.9	697.8	693.6	699.5
30°	763.2	762.4	764.1	768.3	771.7	776.8	776.8	779.4	787.9	781.9	787.9
32.5°	845.7	844.8	847.4	852.5	857.6	862.7	863.5	866.9	875.4	871.2	877.1
35°	927.3	926.4	929.8	936.6	941.7	946.8	948.5	951.9	961.3	957.0	963.0
37.5°	1004.6	1004.6	1008.0	1015.7	1021.6	1028.4	1027.6	1031.8	1040.3	1037.8	1043.7
40°	1076.9	1076.9	1081.1	1090.5	1097.3	1101.5	1100.7	1104.9	1114.3	1113.4	1118.5
42.5°	1142.3	1142.3	1148.3	1157.6	1164.4	1167.0	1167.0	1171.2	1181.4	1180.6	1185.7
45°	1197.6	1200.1	1206.9	1217.1	1223.1	1225.6	1223.9	1228.2	1239.2	1239.2	1243.5
47.5°	1248.6	1252.0	1258.8	1269.0	1273.2	1275.8	1274.1	1277.5	1288.5	1290.2	1294.5
50°	1292.8	1295.3	1303.8	1314.9	1319.1	1319.1	1316.6	1320.0	1331.9	1335.3	1338.7
52.5°	1331.0	1333.6	1342.9	1354.8	1357.4	1356.5	1353.1	1356.5	1368.4	1371.8	1374.4
55°	1361.6	1364.2	1375.2	1387.1	1389.7	1387.1	1382.0	1386.3	1397.3	1402.4	1406.7
57.5°	1386.3	1388.8	1401.6	1413.5	1416.0	1410.9	1405.0	1409.2	1422.0	1427.9	1429.6
60°	1406.7	1409.2	1422.8	1435.6	1437.3	1431.3	1424.5	1428.8	1441.5	1448.3	1450.0
62.5°	1422.8	1425.4	1439.8	1454.3	1455.1	1447.5	1439.8	1444.1	1456.8	1464.5	1467.0
65°	1433.9	1436.4	1452.6	1467.0	1468.7	1459.4	1451.7	1456.0	1467.9	1477.2	1478.9
67.5°	1441.5	1444.1	1461.9	1477.2	1478.1	1467.9	1459.4	1462.8	1476.4	1485.7	1487.4
70°	1444.9	1447.5	1466.2	1482.3	1483.2	1472.1	1461.9	1466.2	1479.8	1490.8	1492.5
72.5°	1445.8	1449.2	1468.7	1484.9	1485.7	1473.0	1462.8	1466.2	1480.6	1493.4	1494.2
75°	1442.4	1446.6	1467.0	1484.0	1484.0	1469.6	1458.5	1461.9	1478.1	1491.7	1494.2
77.5°	1438.1	1440.7	1461.9	1478.9	1478.1	1462.8	1450.0	1455.1	1471.3	1486.6	1488.3
80°	1428.8	1432.2	1453.4	1469.6	1467.9	1450.9	1439.0	1444.1	1461.1	1477.2	1478.9
82.5°	1416.9	1420.3	1441.5	1456.0	1454.3	1436.4	1424.5	1430.5	1448.3	1465.3	1467.0
85°	1402.4	1405.8	1426.2	1439.8	1437.3	1419.4	1407.5	1412.6	1432.2	1449.2	1450.9
87.5°	1383.7	1387.1	1407.5	1419.4	1416.9	1398.2	1388.0	1394.8	1412.6	1430.5	1431.3
90°	1362.5	1366.7	1384.6	1395.6	1392.2	1375.2	1365.9	1372.7	1390.5	1407.5	1409.2
92.5°	1341.2	1342.9	1359.9	1369.3	1366.7	1351.4	1342.9	1350.6	1366.7	1383.7	1383.7
95°	1315.7	1318.3	1333.6	1341.2	1338.7	1325.9	1318.3	1326.8	1341.2	1357.4	1358.2
97.5°	1288.5	1291.1	1303.8	1311.5	1308.9	1297.9	1292.8	1301.3	1314.0	1329.3	1330.2
100°	1259.6	1261.3	1272.4	1279.2	1276.6	1268.1	1264.7	1273.2	1285.1	1299.6	1299.6
102.5°	1227.3	1229.0	1237.5	1241.8	1240.9	1234.1	1234.1	1243.5	1252.8	1266.4	1268.1
105°	1193.3	1195.0	1201.0	1203.5	1202.7	1200.1	1201.8	1211.2	1218.8	1230.7	1232.4
107.5°	1155.1	1156.8	1160.2	1161.0	1161.0	1161.0	1167.0	1175.5	1184.0	1192.5	1193.3
110°	1114.3	1115.1	1117.7	1116.8	1116.8	1118.5	1127.0	1136.4	1143.2	1151.7	1152.5

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Scaled Data Report

REPORT NUMBER: P856381
CATALOG NUMBER: FFX-CLB-90-727-U-VM9

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1070.1	1070.9	1072.6	1069.2	1070.1	1073.5	1084.5	1094.7	1099.0	1107.5	*1107.5*
115°	1023.3	1022.5	1024.2	1019.9	1019.1	1025.0	1036.9	1048.8	1052.2	1058.2	*1059.0*
117.5°	972.3	973.2	972.3	967.2	966.4	974.9	985.9	997.0	1001.2	1008.0	*1006.3*
120°	919.6	918.8	919.6	913.7	912.8	922.2	933.2	944.3	946.8	952.8	*951.1*
122.5°	866.1	865.2	864.4	858.4	858.4	866.1	879.7	890.7	889.0	895.8	*895.0*
125°	810.8	810.8	809.1	803.2	803.2	812.5	823.6	833.8	832.1	839.7	*837.2*
127.5°	756.4	756.4	754.7	749.7	749.7	758.1	768.3	778.5	776.0	782.8	*780.2*
130°	702.9	702.9	701.2	696.1	696.1	702.9	714.0	722.5	719.1	725.0	*724.2*
132.5°	651.9	651.1	650.2	645.1	646.0	652.8	661.3	668.9	665.5	672.3	*669.8*
135°	602.6	601.8	600.9	595.8	596.7	603.5	611.1	617.1	614.5	618.8	*617.9*
137.5°	555.9	555.0	554.2	549.9	550.8	555.9	563.5	568.6	565.2	571.2	*568.6*
140°	511.7	510.8	509.1	506.6	507.4	512.5	516.8	522.7	519.3	524.4	*521.9*
142.5°	469.2	469.2	467.5	464.9	465.8	470.9	474.3	478.5	475.1	479.4	*477.7*
145°	430.1	430.1	428.4	426.7	426.7	430.9	433.5	437.7	434.3	438.6	*436.9*
147.5°	394.4	394.4	392.7	391.0	391.0	395.2	396.9	400.3	396.9	400.3	*398.6*
150°	361.2	361.2	360.4	358.7	359.5	361.2	362.9	365.5	362.9	365.5	*364.6*
152.5°	332.3	332.3	331.5	330.6	329.8	332.3	333.2	335.7	333.2	335.7	*334.0*
155°	306.8	306.0	306.0	304.3	304.3	306.0	306.8	308.5	306.0	308.5	*307.7*
157.5°	283.9	283.9	283.0	282.2	282.2	283.0	283.9	284.7	283.0	285.6	*283.9*
160°	264.3	264.3	263.5	262.6	262.6	263.5	263.5	264.3	262.6	264.3	*263.5*
162.5°	247.3	247.3	246.5	246.5	245.6	246.5	247.3	247.3	246.5	247.3	*246.5*
165°	233.7	233.7	232.9	232.0	232.0	232.9	232.9	233.7	232.0	232.9	*232.9*
167.5°	221.0	221.0	221.0	220.1	219.3	220.1	220.1	220.1	219.3	220.1	*220.1*
170°	211.6	211.6	211.6	210.8	209.9	210.8	210.8	210.8	209.9	210.8	*210.8*
172.5°	204.0	204.0	204.0	203.1	203.1	203.1	203.1	203.1	203.1	203.1	*203.1*
175°	198.9	198.9	198.9	198.9	198.0	198.9	198.9	198.9	198.9	198.9	*198.0*
177.5°	196.3	195.5	195.5	195.5	195.5	195.5	195.5	195.5	195.5	195.5	*195.5*
180°	194.6	194.6	194.6	194.6	194.6	194.6	194.6	194.6	194.6	194.6	*194.6*

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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

Streetworks

Report Number: SP1-2406-133-3

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-727-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-727-U-FR-T5.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.03

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

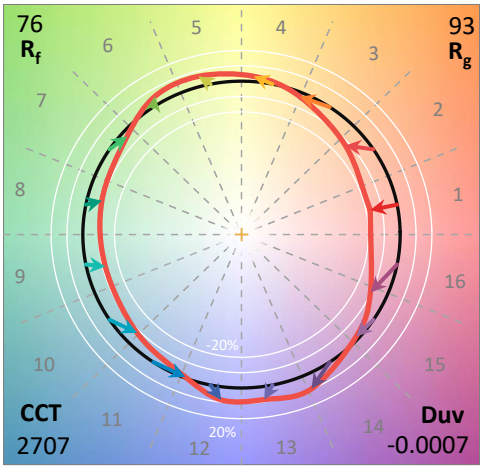
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	07/12/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**FFX-CLB-100-727-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2707
CIE u':	0.2624
CIE v':	0.5261
Duv:	-0.0007
CIE x:	0.4580
CIE y:	0.4082
CIE z:	0.1338
Peak Wavelength (nm):	599
Dominant Wavelength (nm):	584
Purity:	59.99901
Rf:	75.5
Rg:	92.5

CRI (Ra):	71.3
R1:	67.8
R2:	84.5
R3:	94.2
R4:	64.8
R5:	66.9
R6:	79.2
R7:	74.4
R8:	38.8
R9:	-34.9
R10:	65.1
R11:	59.2
R12:	54.2
R13:	71.2
R14:	97.5
R15:	59.4



Test Conditions

Stabilization Time:	0.813602M
Operation Time:	1H
Sphere Temperature (°C):	24.7

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-3

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

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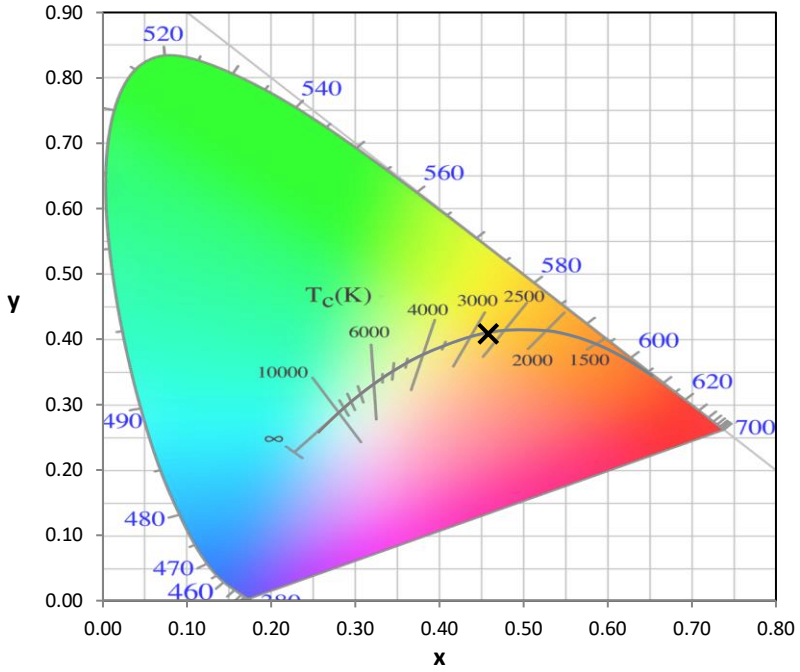
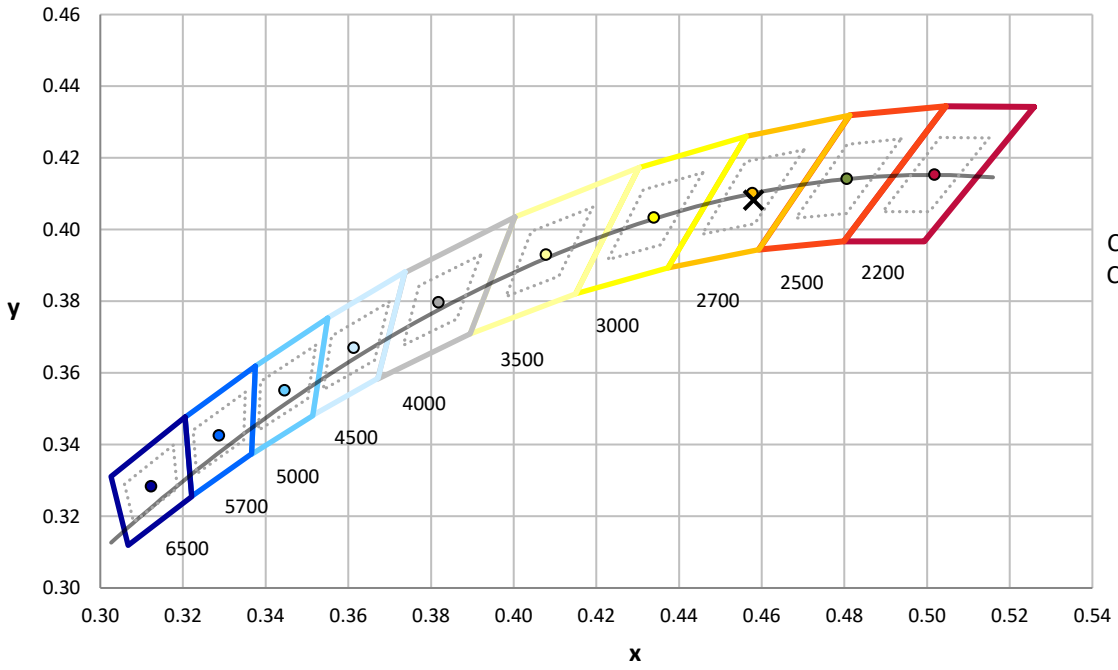
CIE 1931 Chromaticity Diagram



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



CCT = 2707K
CIE x = 0.4580
CIE y = 0.4082
Duv = -0.0007

Point lies inside the ANSI 2700K 4-step quadrangle

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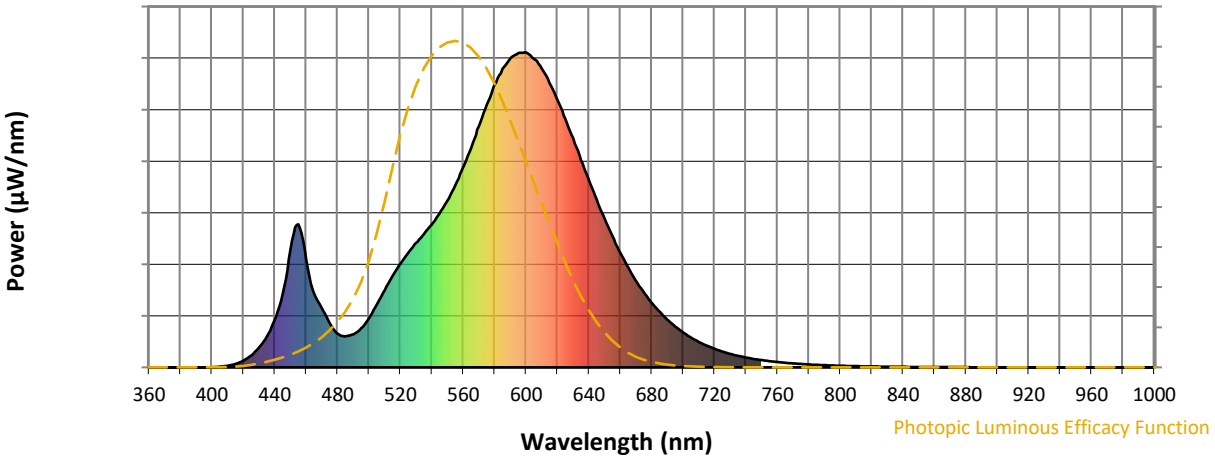
Photopic Flux vs. Wavelength



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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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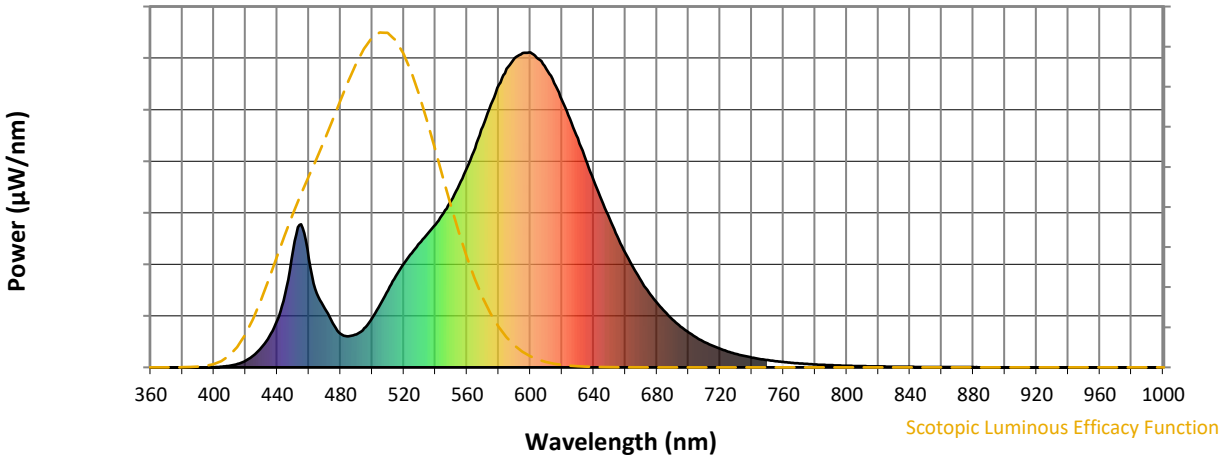
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.12**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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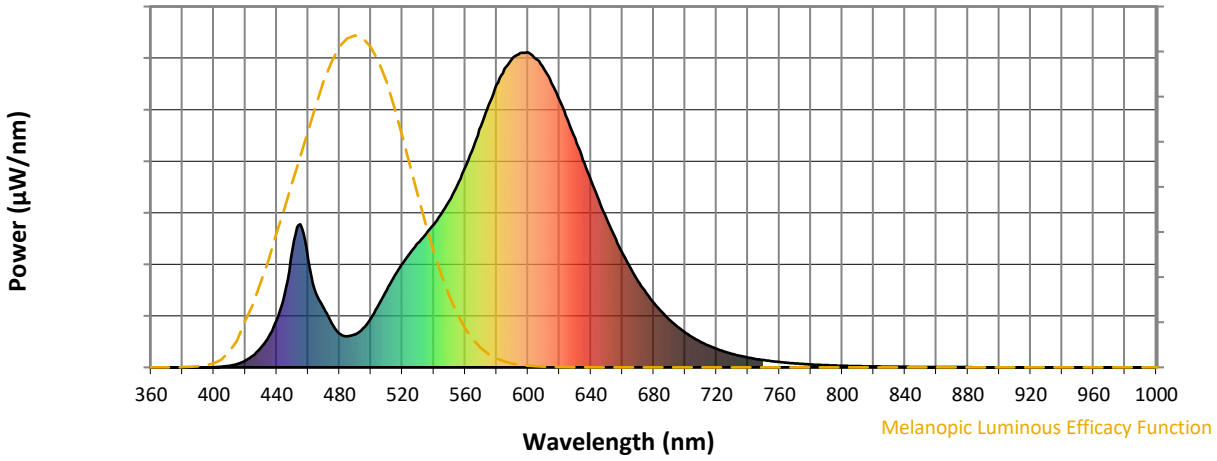
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.03**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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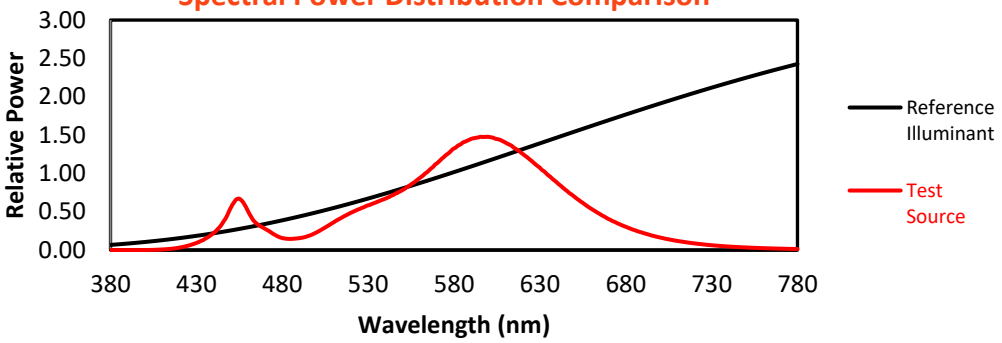
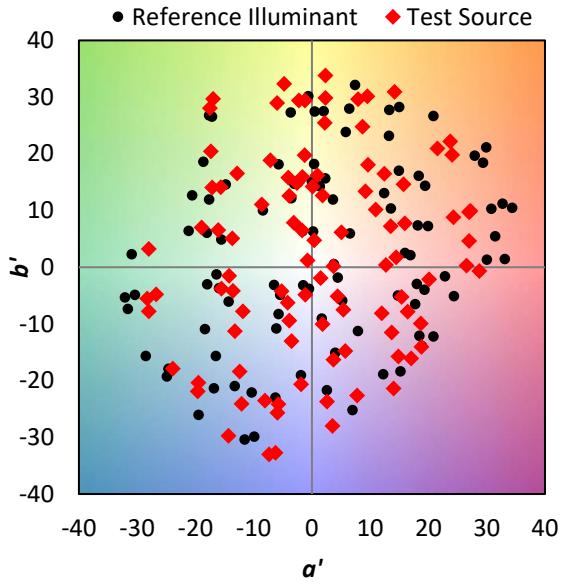
Summary

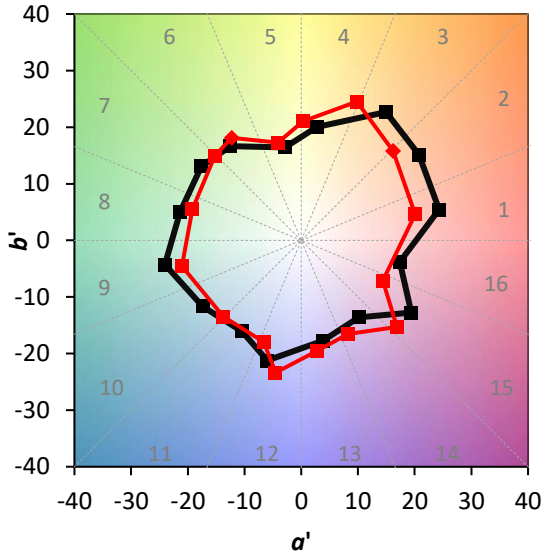
R_f = 75.5
R_g = 92.5
CIE R_a = 71.3
R_9 = -34.9

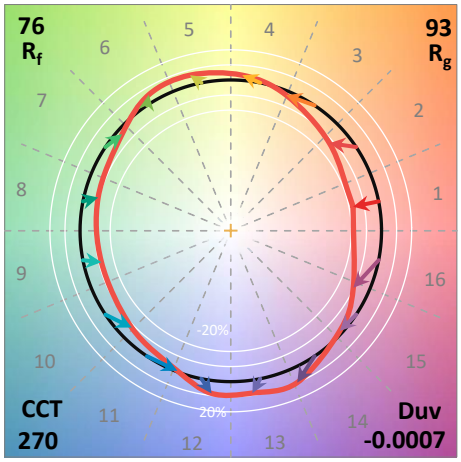
Spectral Power Distribution Comparison

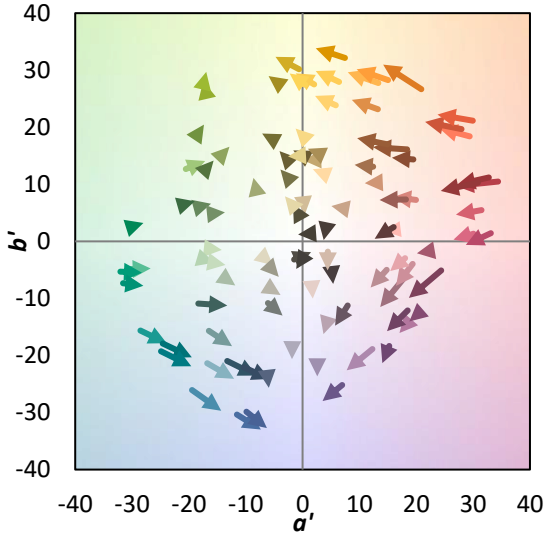


Color Vector Graphics









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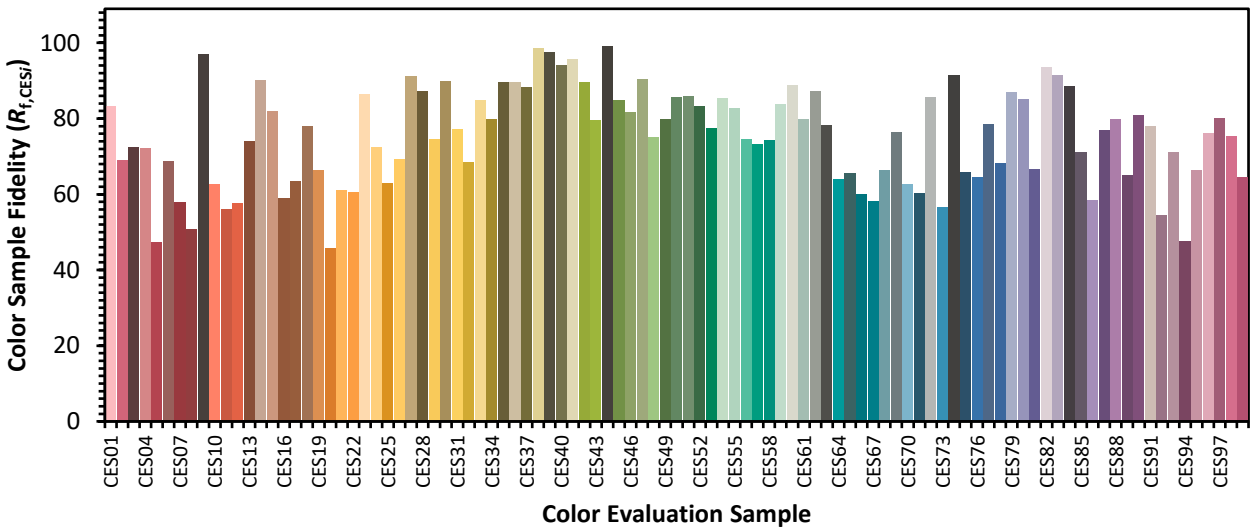
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 69	CES51 = 86	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 83	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 77	CES78 = 68
CES04 = 71	CES29 = 75	CES54 = 85	CES79 = 87
CES05 = 50	CES30 = 90	CES55 = 83	CES80 = 85
CES06 = 52	CES31 = 77	CES56 = 75	CES81 = 67
CES07 = 42	CES32 = 68	CES57 = 73	CES82 = 93
CES08 = 41	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 80	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 89	CES85 = 71
CES11 = 60	CES36 = 90	CES61 = 80	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 87	CES87 = 77
CES13 = 43	CES38 = 99	CES63 = 78	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 65
CES15 = 72	CES40 = 94	CES65 = 66	CES90 = 81
CES16 = 48	CES41 = 96	CES66 = 60	CES91 = 78
CES17 = 51	CES42 = 90	CES67 = 58	CES92 = 54
CES18 = 57	CES43 = 80	CES68 = 66	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 66
CES21 = 88	CES46 = 82	CES71 = 60	CES96 = 76
CES22 = 80	CES47 = 90	CES72 = 86	CES97 = 80
CES23 = 92	CES48 = 75	CES73 = 57	CES98 = 75
CES24 = 91	CES49 = 80	CES74 = 92	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



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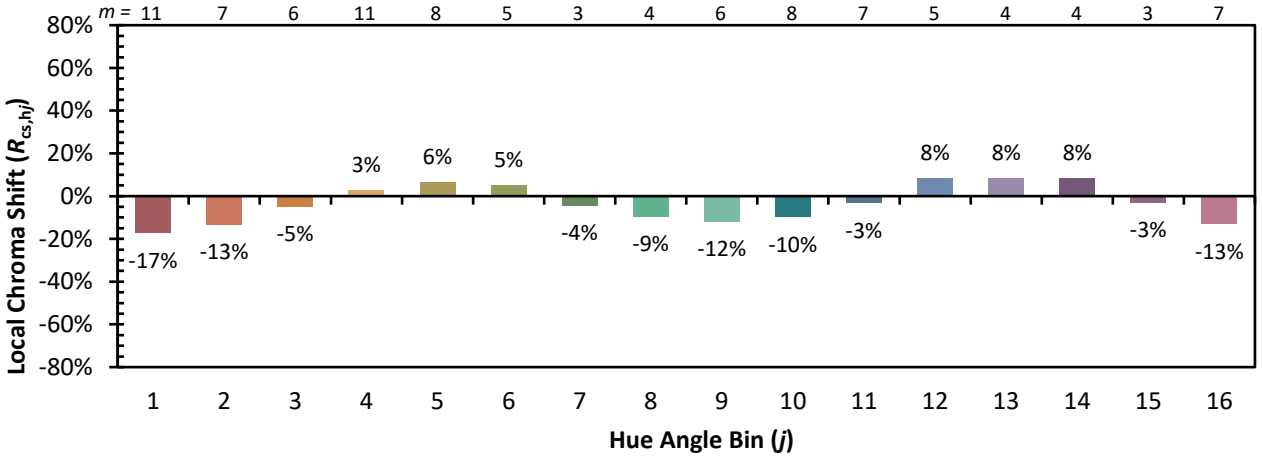
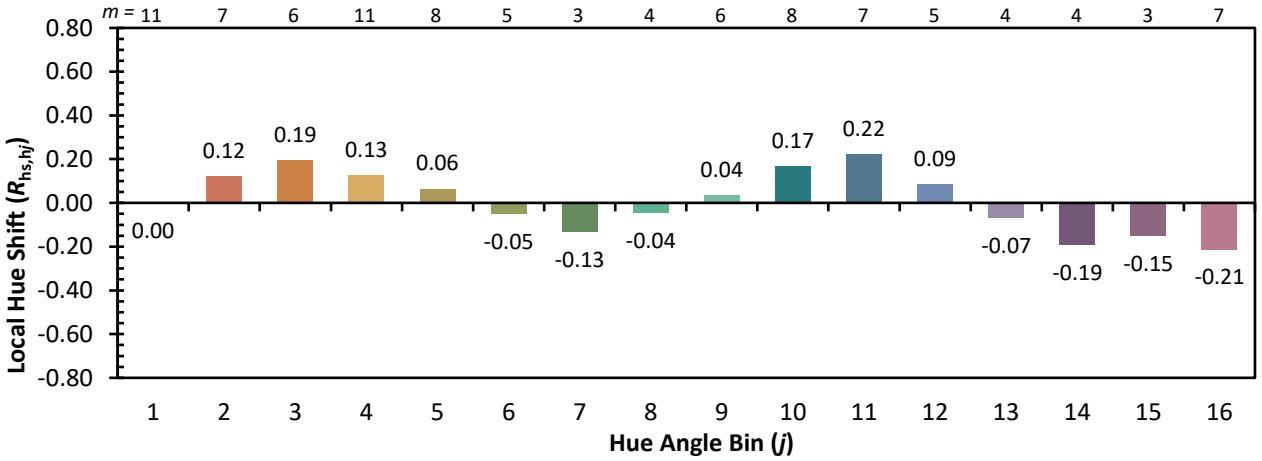
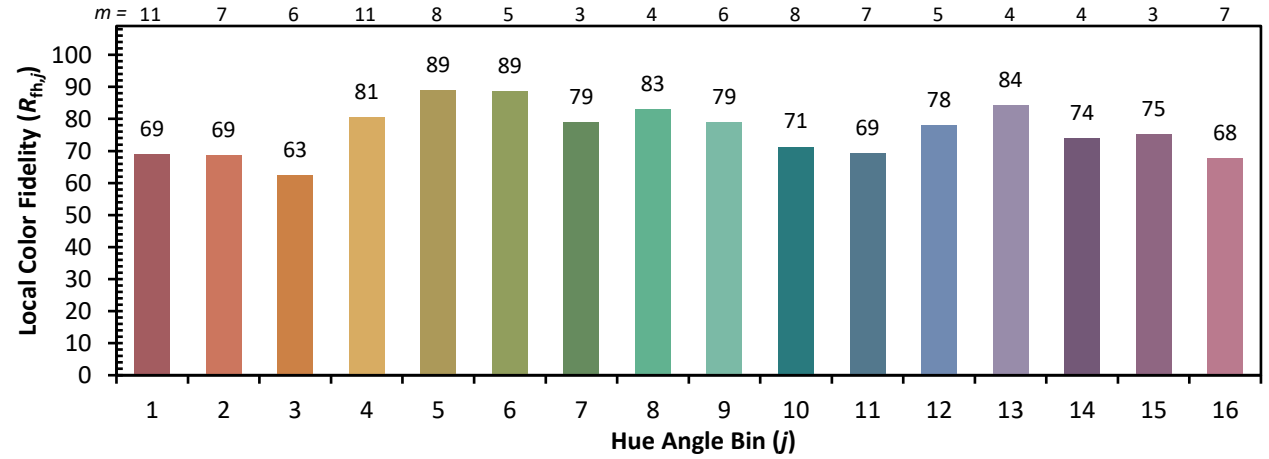
Color Rendition by Hue-Angle Bin







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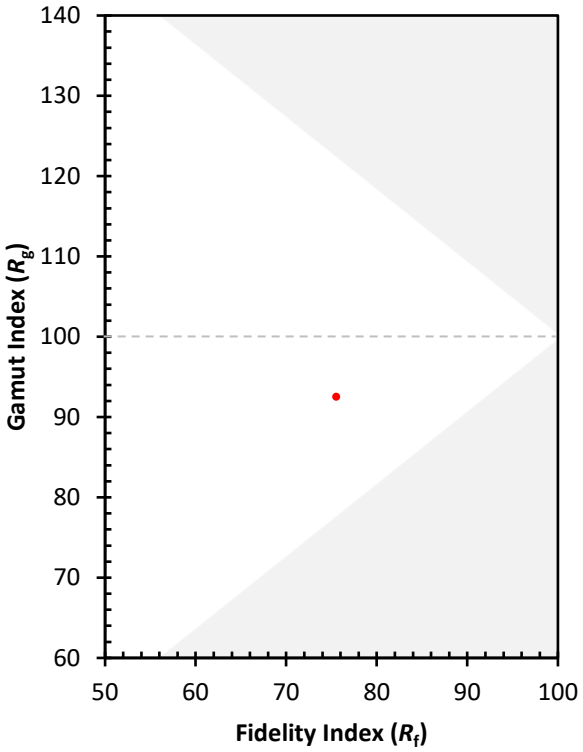
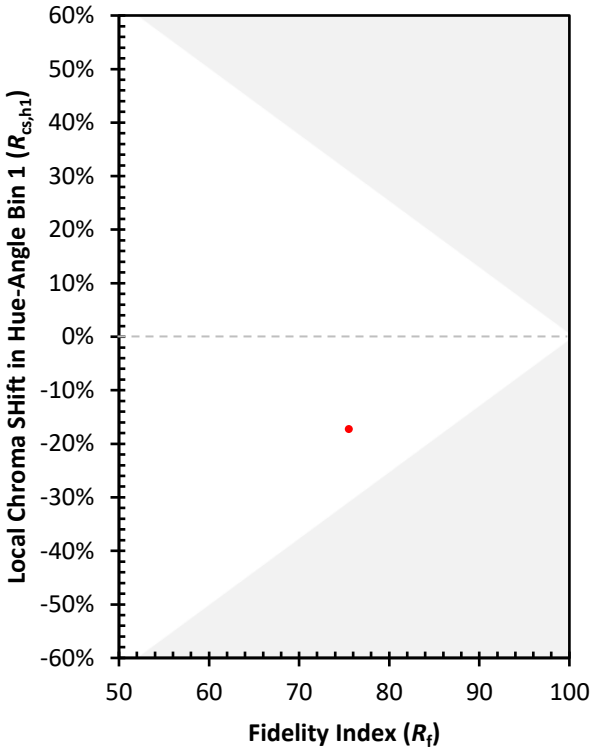
Measure Comparisons





(END OF REPORT)