

Signify Classified - Internal
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: P856344

Luminaire Tested: **FFX-CLB-100-730-U-VM8**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856344
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-100-730-U-VM8
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

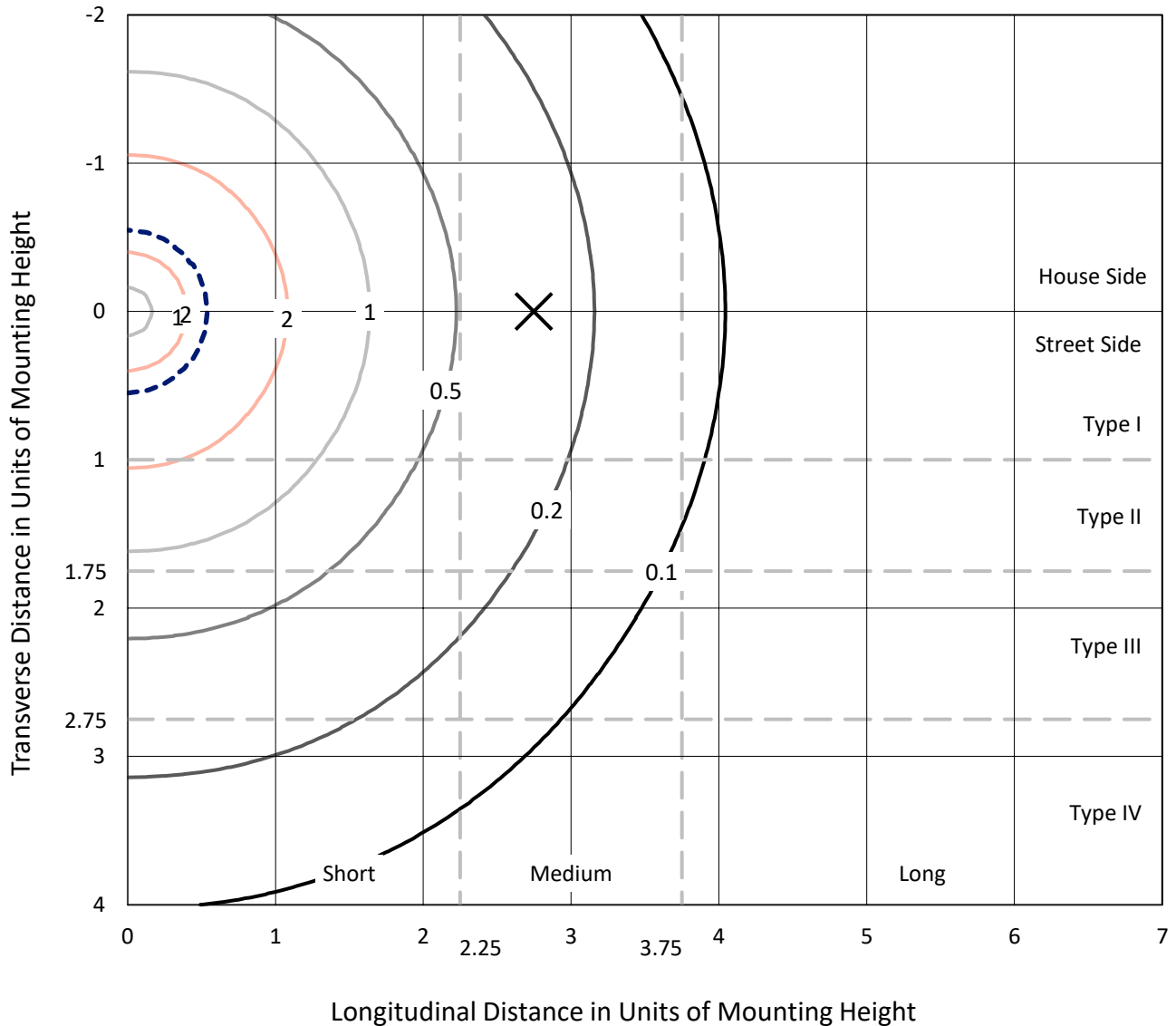
Lumens per Lamp: N/A
Luminaire Lumens: 15102.3 lumens
Efficiency: N/A
Efficacy: 156.7 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

Input Watts (W): 96.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.2%%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Iso-Footcandle Lines of Horizontal Illumination

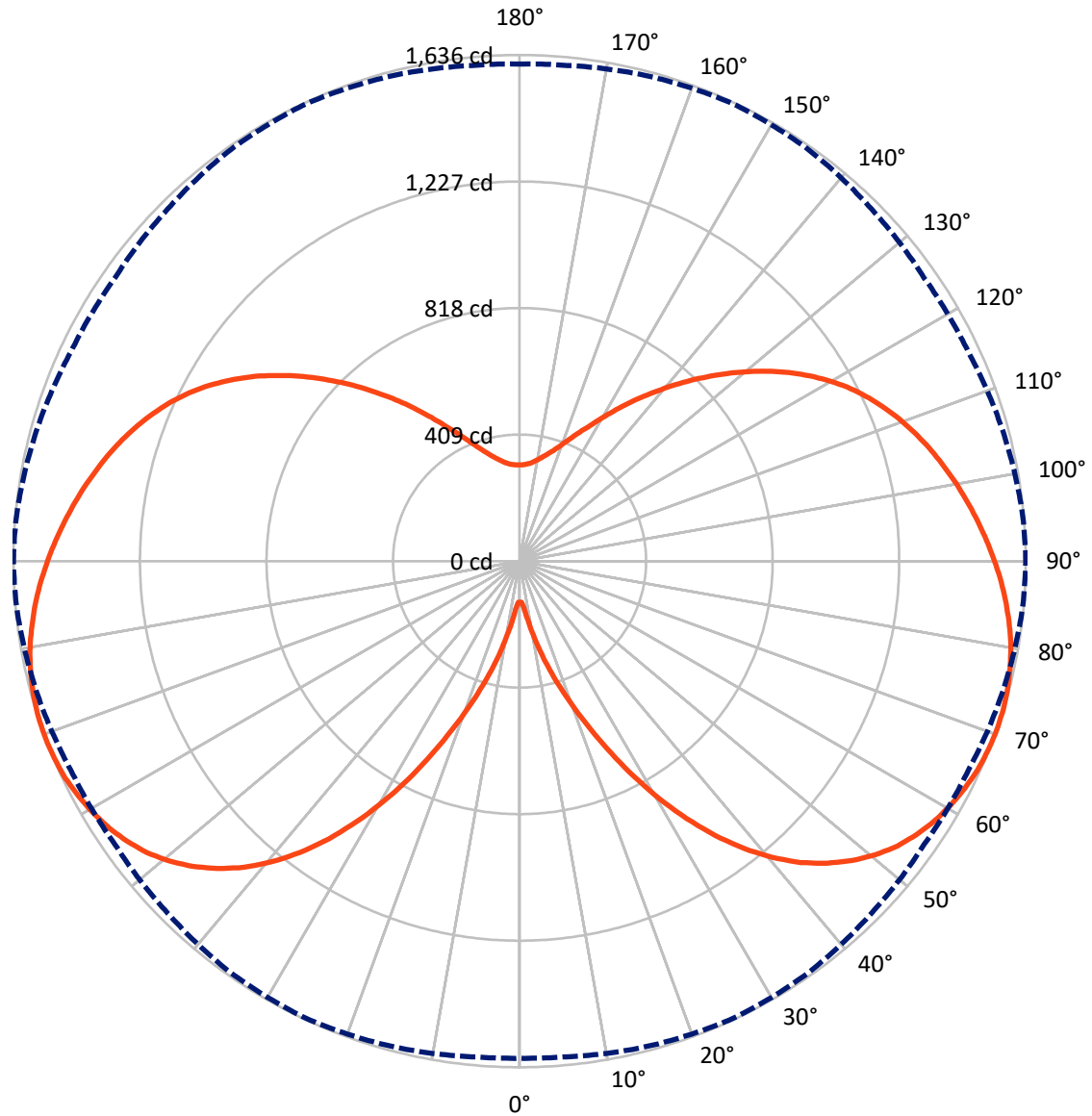
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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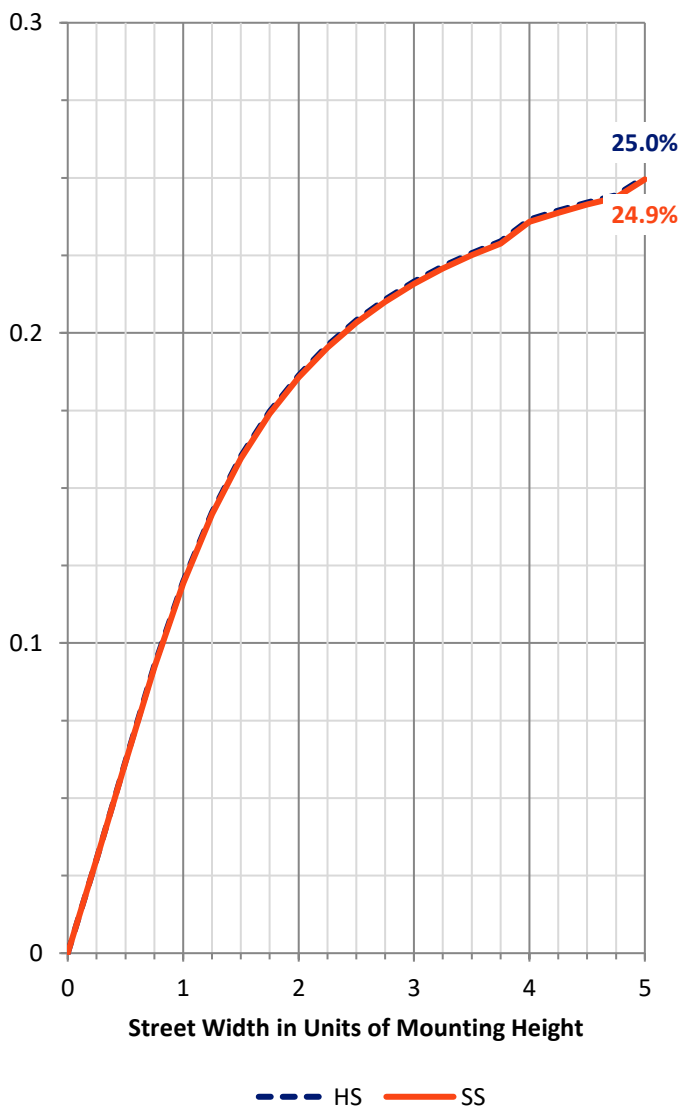
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4276.8	3274.3	7551.2
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	4276.8	3274.3	7551.2
	% Fixture	28.3	21.7	50.0
Total	Lumens	8553.7	6548.6	15102.3
	% Fixture	56.6	43.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.8	0.1
10°-20°	108.1	0.7
20°-30°	322.6	2.1
30°-40°	674.6	4.5
40°-50°	1058.7	7.0
50°-60°	1374.2	9.1
60°-70°	1590.7	10.5
70°-80°	1702.9	11.3
80°-90°	1704.3	11.3
90°-100°	1607.2	10.6
100°-110°	1438.1	9.5
110°-120°	1209.2	8.0
120°-130°	927.5	6.1
130°-140°	634.6	4.2
140°-150°	387.2	2.6
150°-160°	211.7	1.4
160°-170°	102.6	0.7
170°-180°	30.5	0.2
0°-90°	8553.7	56.6
0°-180°	15102.3	100.0



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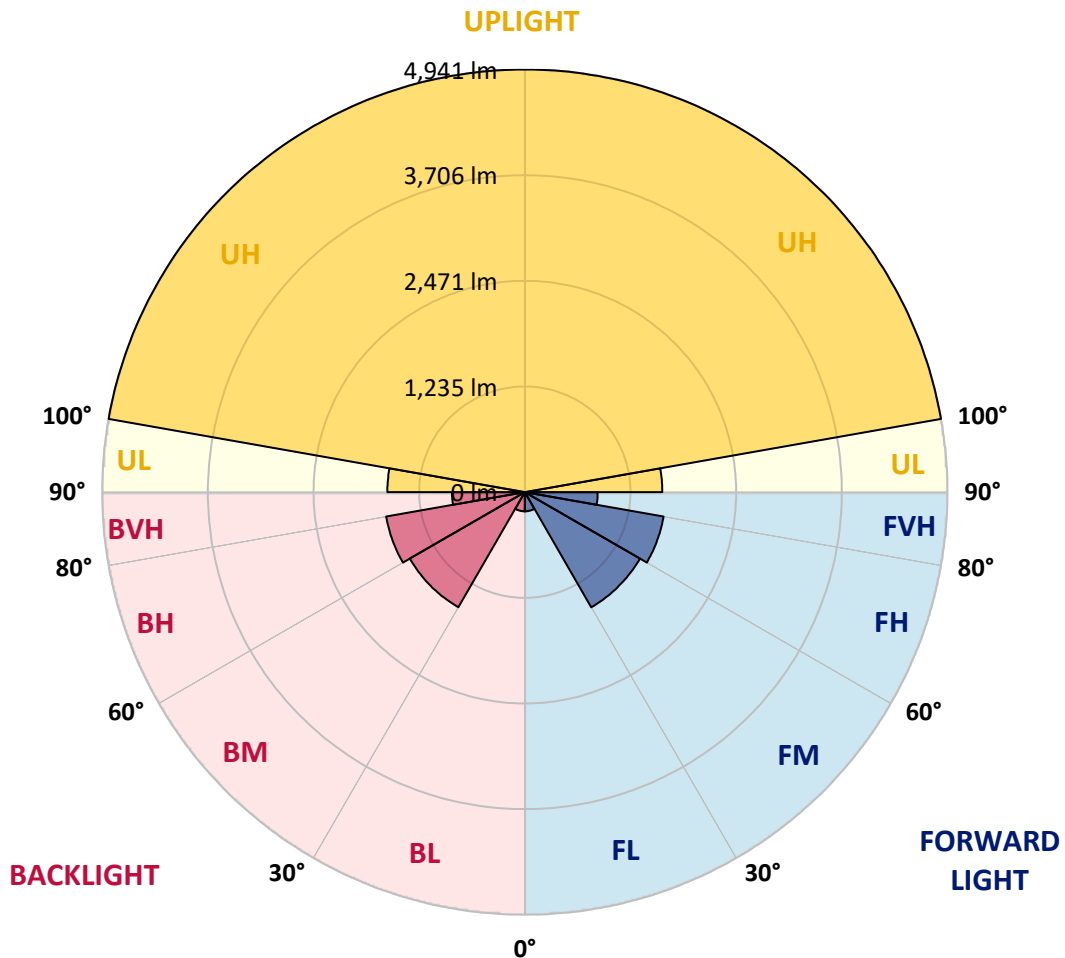
CATALOG NUMBER: FFX-CLB-100-730-U-VM8

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	224.2	1.5			
FM (30°-60°)	1553.7	10.3			
FH (60°-80°)	1646.8	10.9			G1/1800
FVH (80°-90°)	852.1	5.6			G5
BL (0°-30°)	224.2	1.5	B1/500		
BM (30°-60°)	1553.7	10.3	B2/2500		
BH (60°-80°)	1646.8	10.9	B3/2500		G1/1800
BVH (80°-90°)	852.1	5.6			G5
UL (90°-100°)	1607.2	10.6		U5	
UH (100°-180°)	4941.4	32.7		U5	

BUG Rating: B3-U5-G5

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	132.6	132.6	132.6	132.6	132.6	132.6	132.6	132.6	132.6	132.6	132.6
2.5°	138.4	138.4	137.4	137.4	136.5	135.5	135.5	135.5	134.5	134.5	133.6
5°	157.8	156.8	156.8	155.8	156.8	155.8	155.8	155.8	155.8	153.9	153.9
7.5°	195.5	194.5	194.5	193.6	195.5	193.6	193.6	194.5	194.5	193.6	193.6
10°	244.9	243.9	243.9	242.0	243.9	242.9	242.9	241.0	242.0	241.0	242.0
12.5°	303.9	301.0	301.0	300.0	302.0	301.0	300.0	298.1	300.0	299.1	299.1
15°	364.9	365.9	364.9	363.9	365.9	365.9	364.9	363.0	364.9	363.0	363.9
17.5°	432.6	432.6	432.6	429.7	432.6	433.6	432.6	430.7	431.7	432.6	432.6
20°	506.2	506.2	507.2	505.2	510.1	507.2	506.2	505.2	506.2	507.2	508.1
22.5°	587.5	587.5	588.5	587.5	590.4	590.4	589.4	589.4	590.4	592.3	592.3
25°	677.5	678.5	678.5	675.6	682.4	684.3	682.4	682.4	684.3	687.2	687.2
27.5°	770.4	774.3	772.4	772.4	781.1	782.1	781.1	782.1	785.0	787.9	788.8
30°	866.3	869.2	873.0	870.1	879.8	880.8	881.7	882.7	886.6	891.4	891.4
32.5°	962.1	965.0	966.9	966.9	979.5	978.5	977.6	981.4	987.2	989.2	992.1
35°	1057.9	1057.9	1059.8	1060.8	1073.4	1072.4	1074.4	1077.3	1083.1	1086.9	1088.9
37.5°	1144.0	1142.1	1146.9	1148.9	1158.6	1159.5	1160.5	1165.3	1172.1	1177.0	1178.9
40°	1222.4	1220.5	1226.3	1229.2	1237.9	1237.9	1239.9	1245.7	1253.4	1258.3	1259.2
42.5°	1292.1	1291.2	1297.0	1300.8	1309.6	1308.6	1307.6	1315.4	1324.1	1329.9	1331.8
45°	1352.1	1351.2	1358.9	1363.8	1370.5	1368.6	1368.6	1375.4	1385.0	1391.8	1392.8
47.5°	1403.4	1403.4	1412.1	1418.0	1423.8	1420.9	1418.9	1425.7	1435.4	1445.1	1446.0
50°	1448.9	1448.0	1457.6	1464.4	1469.3	1465.4	1462.5	1469.3	1479.9	1489.6	1491.5
52.5°	1484.7	1486.7	1496.4	1505.1	1508.9	1503.1	1498.3	1505.1	1516.7	1527.3	1529.3
55°	1515.7	1516.7	1527.3	1538.0	1539.9	1532.2	1526.4	1532.2	1544.7	1556.4	1558.3
57.5°	1539.9	1541.8	1554.4	1564.1	1565.1	1556.4	1549.6	1554.4	1568.0	1579.6	1582.5
60°	1561.2	1563.1	1574.8	1585.4	1586.4	1575.7	1567.0	1570.9	1585.4	1598.9	1600.9
62.5°	1577.7	1580.6	1593.1	1602.8	1602.8	1590.2	1579.6	1583.5	1598.9	1613.5	1615.4
65°	1591.2	1594.1	1606.7	1616.4	1615.4	1600.9	1589.3	1593.1	1609.6	1624.1	1627.0
67.5°	1600.9	1602.8	1616.4	1626.1	1622.2	1606.7	1595.1	1598.0	1615.4	1629.9	1632.8
70°	1606.7	1608.6	1622.2	1630.9	1625.1	1608.6	1596.0	1599.9	1617.3	1632.8	1635.7
72.5°	1609.6	1612.5	1625.1	1632.8	1626.1	1607.7	1594.1	1598.9	1616.4	1632.8	1634.8
75°	1608.6	1610.6	1623.1	1629.9	1621.2	1603.8	1589.3	1594.1	1612.5	1627.0	1629.9
77.5°	1603.8	1605.7	1617.3	1623.1	1612.5	1595.1	1581.5	1586.4	1603.8	1618.3	1621.2
80°	1596.0	1598.0	1608.6	1612.5	1601.9	1584.4	1571.8	1576.7	1593.1	1606.7	1609.6
82.5°	1583.5	1586.4	1596.0	1598.0	1586.4	1570.9	1558.3	1563.1	1578.6	1591.2	1593.1
85°	1568.0	1569.9	1578.6	1579.6	1568.0	1554.4	1543.8	1548.6	1562.2	1571.8	1574.8
87.5°	1550.6	1550.6	1559.3	1559.3	1546.7	1534.1	1526.4	1530.2	1542.8	1550.6	1553.5
90°	1529.3	1530.2	1536.0	1535.1	1523.5	1512.8	1506.0	1510.9	1521.5	1528.3	1530.2
92.5°	1506.0	1507.0	1511.8	1509.9	1498.3	1489.6	1483.8	1489.6	1499.3	1504.1	1506.0
95°	1480.9	1481.8	1485.7	1481.8	1471.2	1464.4	1459.6	1466.3	1474.1	1478.9	1480.9
97.5°	1454.7	1455.7	1458.6	1454.7	1443.1	1437.3	1435.4	1441.2	1448.9	1452.8	1454.7
100°	1427.6	1427.6	1429.6	1423.8	1414.1	1409.2	1408.3	1415.1	1422.8	1426.7	1428.6
102.5°	1397.6	1398.6	1398.6	1392.8	1383.1	1380.2	1380.2	1388.0	1395.7	1398.6	1400.5
105°	1366.7	1366.7	1366.7	1361.8	1351.2	1349.2	1350.2	1357.9	1366.7	1370.5	1372.5
107.5°	1332.8	1333.7	1331.8	1327.0	1318.3	1316.3	1318.3	1328.9	1336.7	1340.5	1342.5
110°	1297.0	1297.9	1297.0	1291.2	1283.4	1282.5	1285.4	1296.0	1303.7	1307.6	1310.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1259.2	1260.2	1259.2	1254.4	1246.6	1246.6	1250.5	1261.2	1269.9	1272.8	1275.7
115°	1219.5	1220.5	1218.6	1214.7	1207.0	1208.9	1212.8	1223.4	1232.1	1235.0	1238.9
117.5°	1177.0	1177.9	1177.0	1172.1	1165.3	1167.3	1173.1	1183.7	1191.5	1194.4	1198.2
120°	1130.5	1130.5	1130.5	1125.7	1118.9	1122.7	1128.6	1140.2	1146.9	1148.9	1152.8
122.5°	1083.1	1081.1	1081.1	1078.2	1070.5	1075.3	1081.1	1092.7	1099.5	1100.5	1103.4
125°	1030.8	1031.8	1028.9	1026.9	1020.2	1026.0	1030.8	1042.4	1048.2	1049.2	1052.1
127.5°	974.7	977.6	974.7	971.8	966.9	972.7	978.5	989.2	994.0	995.0	996.9
130°	922.4	922.4	919.5	917.6	912.7	918.5	924.3	934.0	938.9	938.9	940.8
132.5°	870.1	867.2	866.3	864.3	858.5	865.3	869.2	878.8	882.7	881.7	883.7
135°	813.0	813.0	810.1	809.2	804.3	811.1	815.0	823.7	826.6	825.6	827.5
137.5°	759.8	759.8	757.9	755.9	753.0	758.8	762.7	769.5	772.4	769.5	772.4
140°	707.5	707.5	706.6	704.6	701.7	707.5	710.4	716.2	719.1	716.2	718.2
142.5°	659.1	657.2	656.2	655.3	651.4	657.2	659.1	664.9	665.9	664.0	666.9
145°	607.8	608.8	607.8	606.9	604.0	608.8	610.7	615.6	616.5	614.6	617.5
147.5°	565.2	562.3	563.3	562.3	559.4	564.3	565.2	568.1	570.1	568.1	570.1
150°	522.7	520.7	520.7	519.8	517.8	521.7	522.7	525.6	526.5	524.6	526.5
152.5°	484.9	483.9	483.9	483.0	481.0	483.9	484.9	486.8	487.8	485.9	486.8
155°	451.0	450.1	450.1	449.1	447.2	450.1	450.1	452.0	453.0	452.0	453.0
157.5°	421.0	420.1	420.1	420.1	418.1	420.1	420.1	422.0	422.0	421.0	422.0
160°	396.8	394.9	395.9	394.9	393.0	394.9	394.9	395.9	395.9	395.9	395.9
162.5°	374.6	374.6	374.6	373.6	372.6	373.6	373.6	374.6	374.6	374.6	373.6
165°	357.2	357.2	357.2	356.2	355.2	356.2	356.2	356.2	356.2	356.2	356.2
167.5°	342.6	341.7	342.6	341.7	340.7	341.7	341.7	341.7	341.7	341.7	341.7
170°	330.0	330.0	330.0	330.0	329.1	330.0	330.0	330.0	330.0	330.0	330.0
172.5°	322.3	321.3	321.3	321.3	320.4	321.3	320.4	321.3	320.4	321.3	320.4
175°	315.5	315.5	315.5	315.5	314.6	314.6	314.6	314.6	314.6	314.6	314.6
177.5°	311.7	311.7	311.7	311.7	311.7	311.7	311.7	311.7	311.7	311.7	311.7
180°	310.7	310.7	310.7	310.7	310.7	310.7	310.7	310.7	310.7	310.7	310.7

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-4

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5.

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-4
 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-100-730-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 3003
 CIE u': 0.2503
 CIE v': 0.5219
 Duv: 0.0004
 CIE x: 0.4373
 CIE y: 0.4053
 CIE z: 0.1573
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 52.93545
 Rf: 75.2
 Rg: 93.8

CRI (Ra): 71.9
 R1: 68.2
 R2: 82.2
 R3: 93.9
 R4: 67.6
 R5: 67.2
 R6: 75.3
 R7: 77.6
 R8: 43.1
 R9: -33.7
 R10: 59.0
 R11: 62.4
 R12: 48.5
 R13: 70.8
 R14: 96.6
 R15: 60.0



Test Conditions

Stabilization Time: 0.794393M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-4

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



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

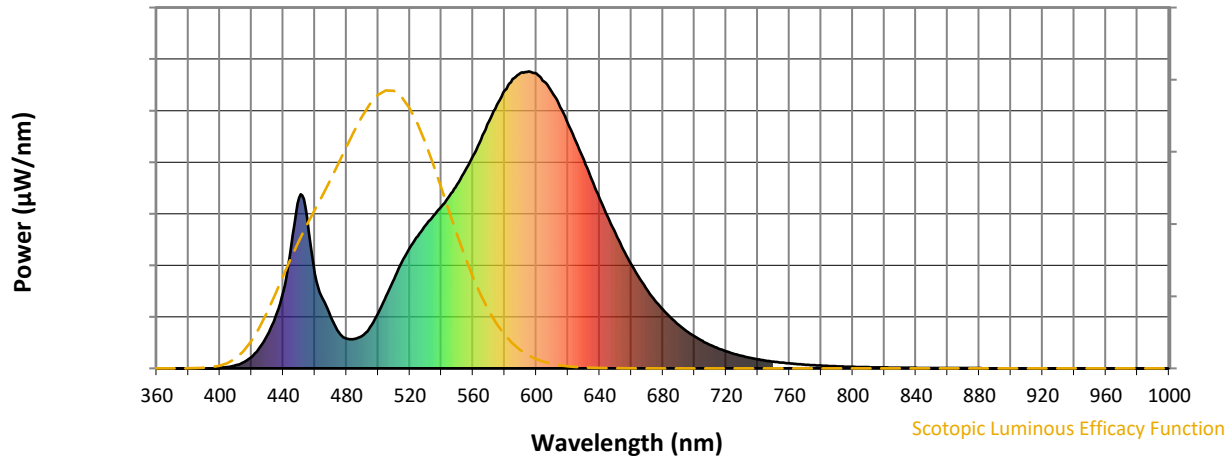


Photopic Lumens: NR

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.21

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.22

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

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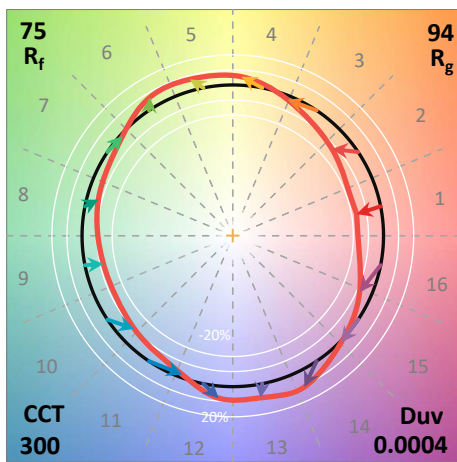
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Summary

$R_f = 75.2$
 $R_g = 93.8$
 CIE $R_a = 71.9$
 $R_9 = -33.7$



Color Vector Graphics



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

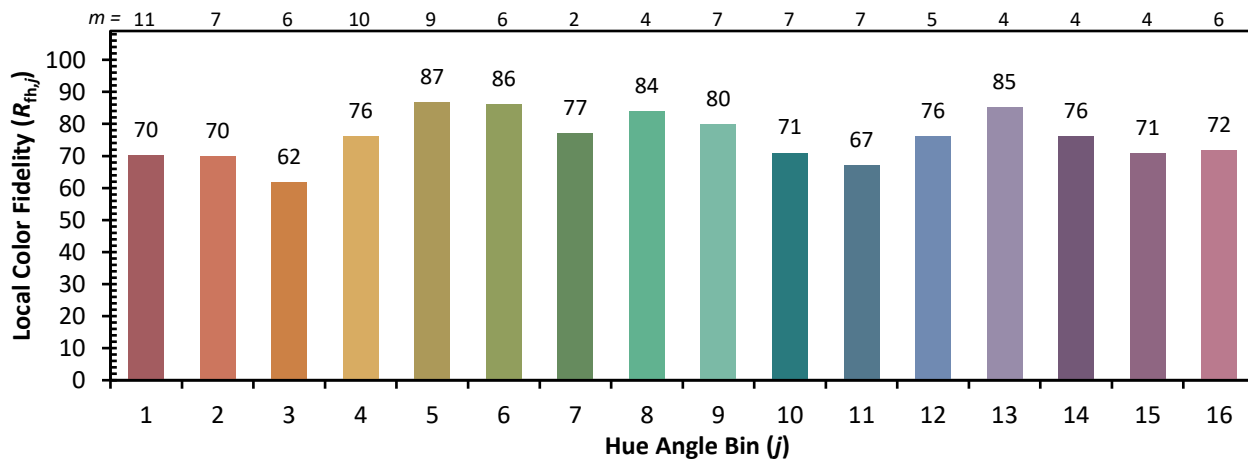
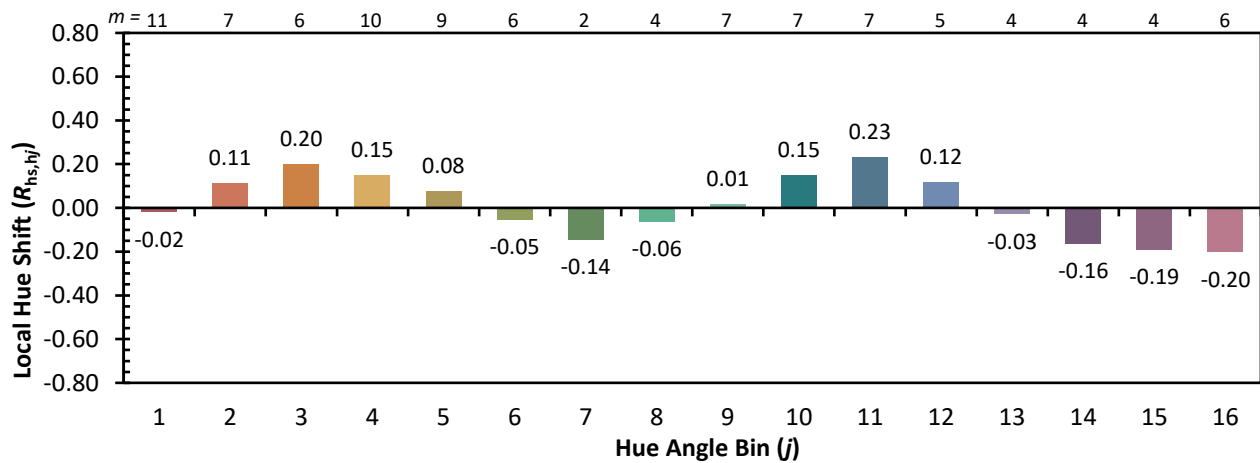
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CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 77
CES03 = 31	CES28 = 85	CES53 = 77	CES78 = 63
CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 79	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 76	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 75
CES11 = 59	CES36 = 93	CES61 = 81	CES86 = 63
CES12 = 65	CES37 = 85	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 67
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 80
CES16 = 47	CES41 = 93	CES66 = 61	CES91 = 80
CES17 = 50	CES42 = 87	CES67 = 59	CES92 = 57
CES18 = 56	CES43 = 79	CES68 = 67	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 61	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 58	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 54	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 65
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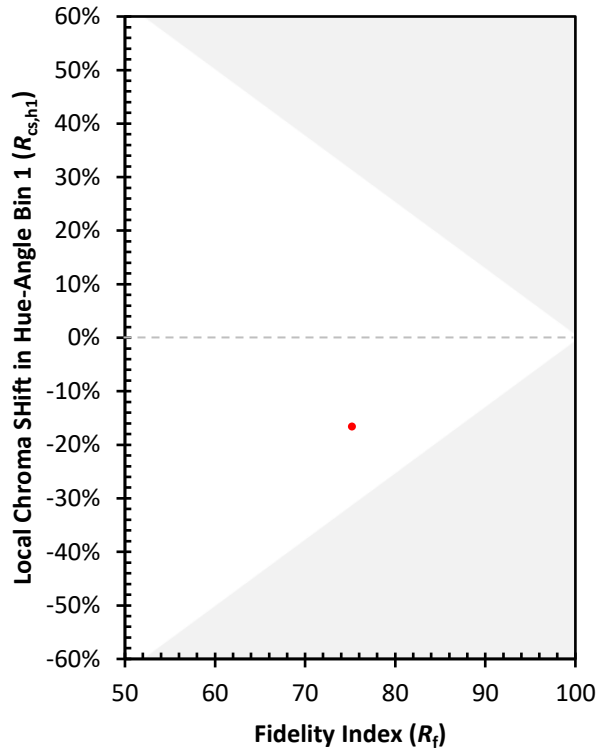
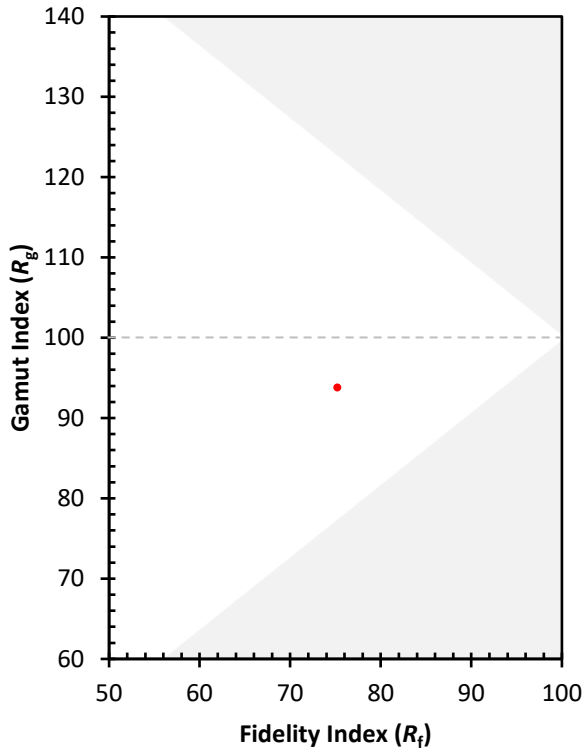
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)