

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: P856407

Luminaire Tested: **FFX-CLB-100-750-U-VM9**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856407
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-100-750-U-VM9
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

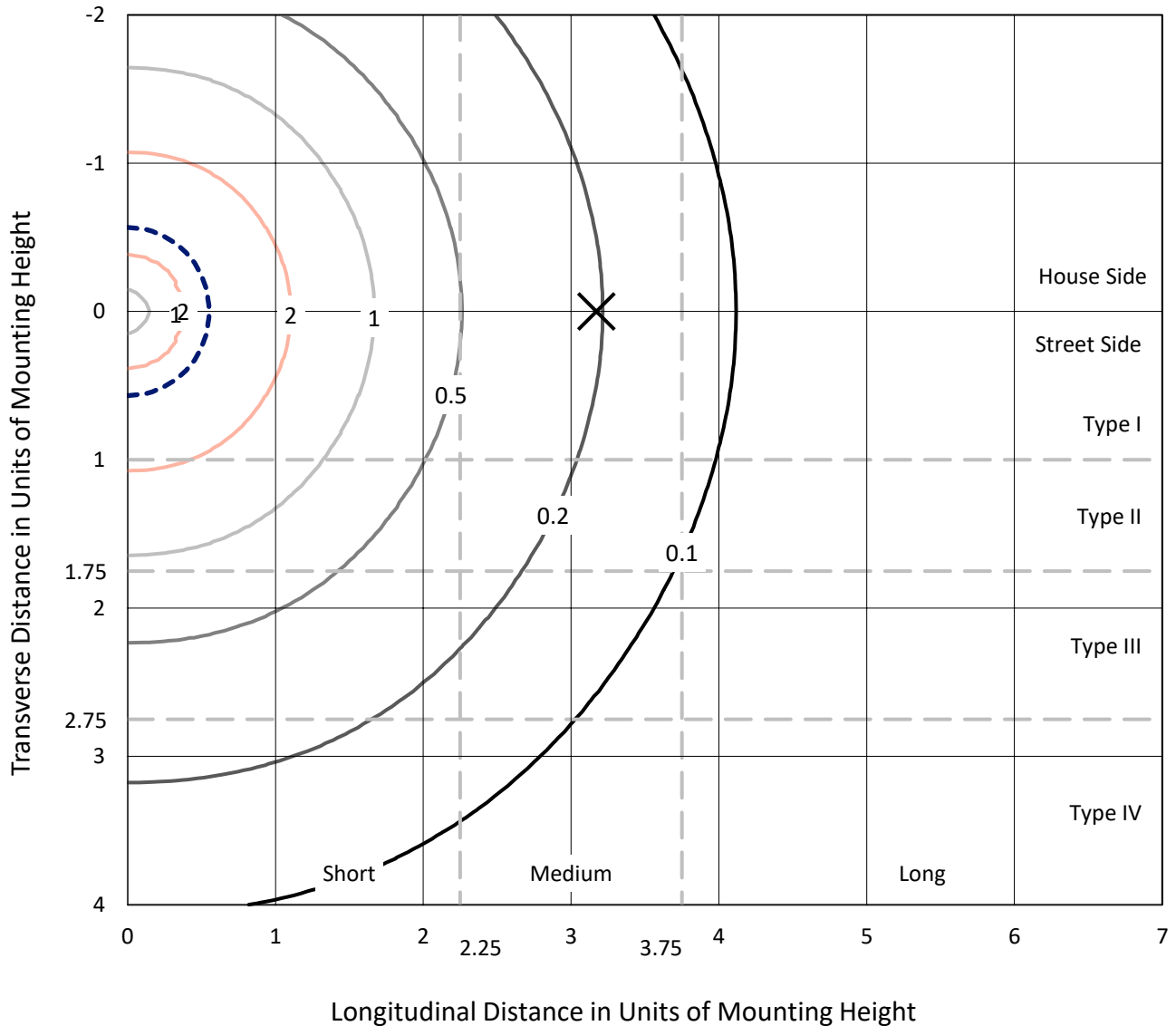
Lumens per Lamp: N/A
Luminaire Lumens: 15147.9 lumens
Efficiency: N/A
Efficacy: 157.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

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

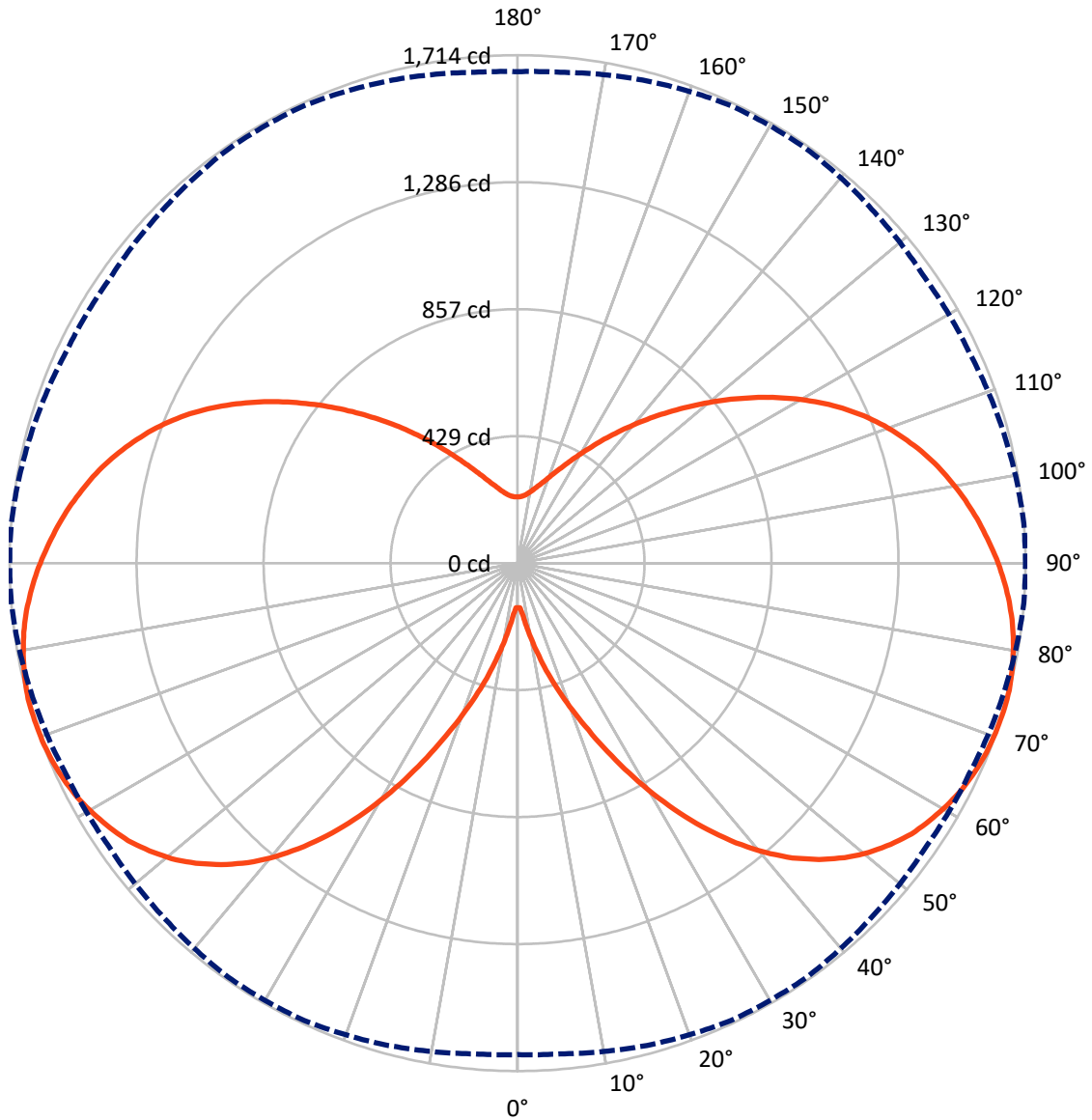
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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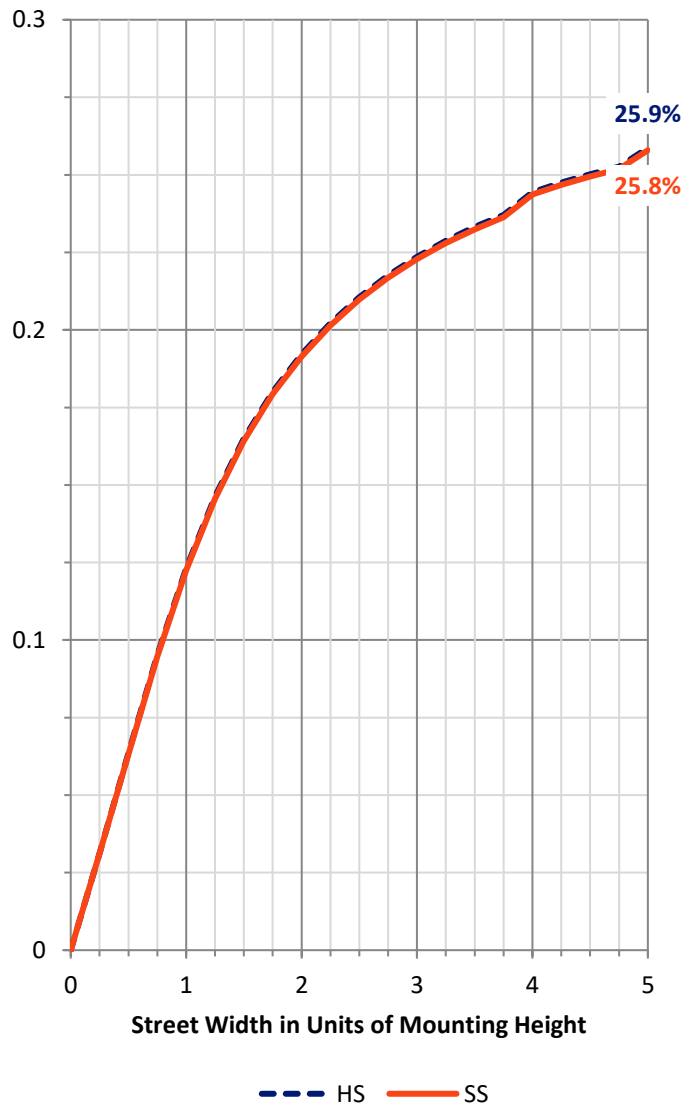
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4436.7	3137.3	7573.9
	% Fixture	29.3	20.7	50.0
Street Side	Lumens	4436.7	3137.3	7573.9
	% Fixture	29.3	20.7	50.0
Total	Lumens	8873.3	6274.6	15147.9
	% Fixture	58.6	41.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.4	0.1
10°-20°	113.6	0.8
20°-30°	328.4	2.2
30°-40°	683.0	4.5
40°-50°	1083.9	7.2
50°-60°	1422.8	9.4
60°-70°	1659.1	11.0
70°-80°	1782.0	11.8
80°-90°	1781.2	11.8
90°-100°	1667.3	11.0
100°-110°	1462.9	9.7
110°-120°	1176.5	7.8
120°-130°	845.0	5.6
130°-140°	543.1	3.6
140°-150°	315.1	2.1
150°-160°	165.5	1.1
160°-170°	77.0	0.5
170°-180°	22.2	0.1
0°-90°	8873.3	58.6
0°-180°	15147.9	100.0



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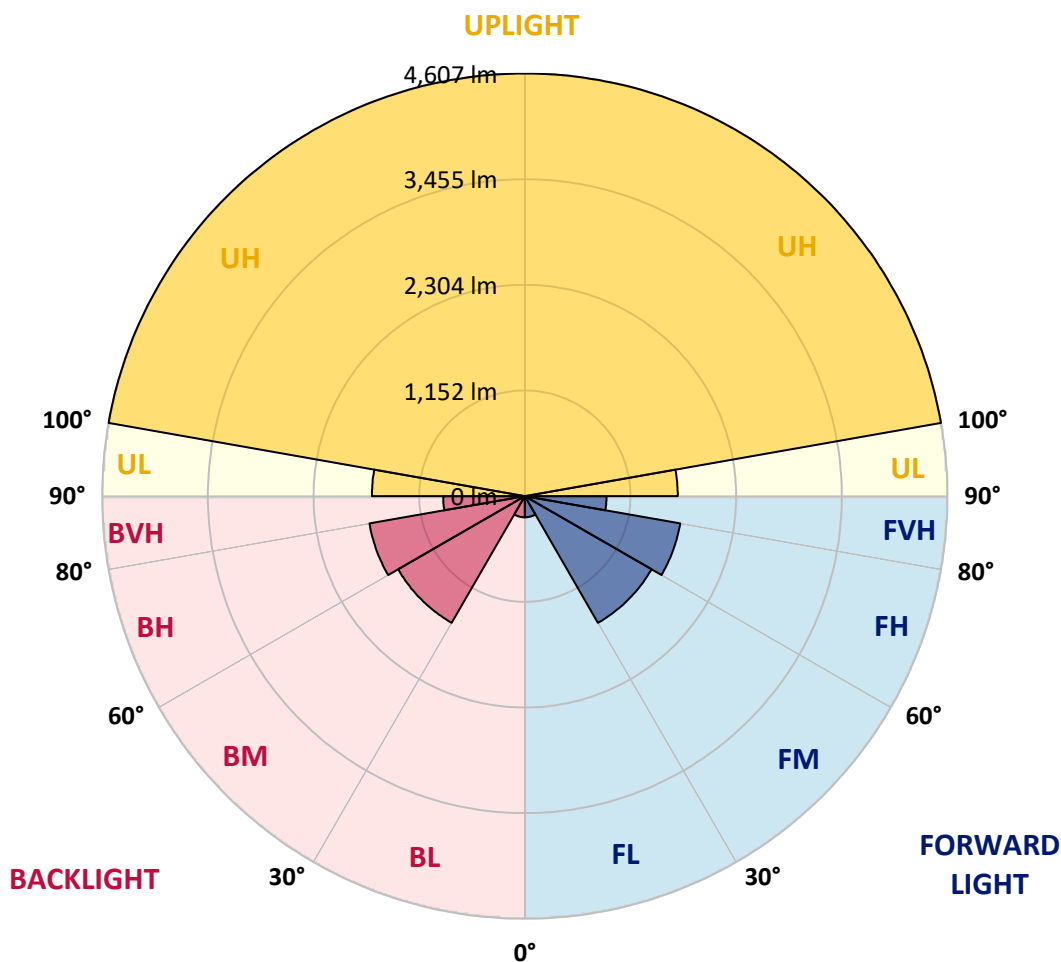
CATALOG NUMBER: FFX-CLB-100-750-U-VM9

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	230.7	1.5			
FM (30°-60°)	1594.8	10.5			
FH (60°-80°)	1720.5	11.4			G1/1800
FVH (80°-90°)	890.6	5.9			G5
BL (0°-30°)	230.7	1.5	B1/500		
BM (30°-60°)	1594.8	10.5	B2/2500		
BH (60°-80°)	1720.5	11.4	B3/2500		G1/1800
BVH (80°-90°)	890.6	5.9			G5
UL (90°-100°)	1667.3	11.0		U5	
UH (100°-180°)	4607.3	30.4		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°	150.2	150.2	150.2	150.2	150.2	150.2	150.2	150.2	150.2	150.2	150.2
2.5°	156.0	156.0	155.0	155.0	154.1	153.1	153.1	152.1	151.1	151.1	151.1
5°	173.6	172.6	172.6	172.6	172.6	171.6	172.6	171.6	171.6	171.6	172.6
7.5°	211.6	210.6	210.6	210.6	211.6	211.6	212.6	213.5	214.5	214.5	214.5
10°	261.3	260.3	260.3	259.4	261.3	261.3	262.3	260.3	263.3	263.3	264.2
12.5°	319.8	318.8	318.8	317.9	319.8	318.8	320.8	318.8	323.7	321.8	321.8
15°	383.2	383.2	382.2	381.2	384.2	384.2	386.1	386.1	389.0	387.1	388.1
17.5°	450.5	449.5	449.5	448.5	451.4	451.4	451.4	453.4	457.3	453.4	456.3
20°	522.6	521.6	521.6	520.7	523.6	523.6	525.5	526.5	530.4	527.5	529.4
22.5°	600.6	599.7	599.7	599.7	603.6	604.5	604.5	607.5	612.3	607.5	611.4
25°	687.4	686.4	686.4	689.4	692.3	693.3	695.2	699.1	704.0	699.1	704.0
27.5°	780.0	779.1	781.0	784.9	787.8	789.8	792.7	793.7	800.5	795.6	802.5
30°	875.6	874.6	876.6	881.4	885.3	891.2	891.2	894.1	903.9	897.0	903.9
32.5°	970.2	969.2	972.1	978.0	983.8	989.7	990.6	994.5	1004.3	999.4	1006.2
35°	1063.8	1062.8	1066.7	1074.5	1080.3	1086.2	1088.1	1092.0	1102.8	1097.9	1104.7
37.5°	1152.5	1152.5	1156.4	1165.2	1172.0	1179.8	1178.8	1183.7	1193.5	1190.5	1197.4
40°	1235.4	1235.4	1240.3	1251.0	1258.8	1263.7	1262.7	1267.6	1278.3	1277.3	1283.2
42.5°	1310.5	1310.5	1317.3	1328.0	1335.8	1338.7	1338.7	1343.6	1355.3	1354.3	1360.2
45°	1373.8	1376.8	1384.6	1396.3	1403.1	1406.0	1404.1	1408.9	1421.6	1421.6	1426.5
47.5°	1432.3	1436.2	1444.0	1455.7	1460.6	1463.5	1461.6	1465.5	1478.2	1480.1	1485.0
50°	1483.0	1486.0	1495.7	1508.4	1513.3	1513.3	1510.3	1514.2	1527.9	1531.8	1535.7
52.5°	1526.9	1529.8	1540.6	1554.2	1557.1	1556.2	1552.3	1556.2	1569.8	1573.7	1576.6
55°	1562.0	1564.9	1577.6	1591.3	1594.2	1591.3	1585.4	1590.3	1603.0	1608.8	1613.7
57.5°	1590.3	1593.2	1607.8	1621.5	1624.4	1618.6	1611.7	1616.6	1631.2	1638.1	1640.0
60°	1613.7	1616.6	1632.2	1646.8	1648.8	1642.0	1634.2	1639.0	1653.7	1661.5	1663.4
62.5°	1632.2	1635.1	1651.7	1668.3	1669.3	1660.5	1651.7	1656.6	1671.2	1680.0	1682.9
65°	1644.9	1647.8	1666.4	1682.9	1684.9	1674.2	1665.4	1670.3	1683.9	1694.6	1696.6
67.5°	1653.7	1656.6	1677.1	1694.6	1695.6	1683.9	1674.2	1678.1	1693.7	1704.4	1706.3
70°	1657.6	1660.5	1682.0	1700.5	1701.5	1688.8	1677.1	1682.0	1697.6	1710.2	1712.2
72.5°	1658.6	1662.5	1684.9	1703.4	1704.4	1689.8	1678.1	1682.0	1698.5	1713.2	1714.1
75°	1654.6	1659.5	1682.9	1702.4	1702.4	1685.9	1673.2	1677.1	1695.6	1711.2	1714.1
77.5°	1649.8	1652.7	1677.1	1696.6	1695.6	1678.1	1663.4	1669.3	1687.8	1705.4	1707.3
80°	1639.0	1642.9	1667.3	1685.9	1683.9	1664.4	1650.7	1656.6	1676.1	1694.6	1696.6
82.5°	1625.4	1629.3	1653.7	1670.3	1668.3	1647.8	1634.2	1641.0	1661.5	1681.0	1682.9
85°	1608.8	1612.7	1636.1	1651.7	1648.8	1628.3	1614.7	1620.5	1642.9	1662.5	1664.4
87.5°	1587.4	1591.3	1614.7	1628.3	1625.4	1603.9	1592.2	1600.0	1620.5	1641.0	1642.0
90°	1563.0	1567.9	1588.3	1601.0	1597.1	1577.6	1566.9	1574.7	1595.2	1614.7	1616.6
92.5°	1538.6	1540.6	1560.1	1570.8	1567.9	1550.3	1540.6	1549.3	1567.9	1587.4	1587.4
95°	1509.4	1512.3	1529.8	1538.6	1535.7	1521.1	1512.3	1522.0	1538.6	1557.1	1558.1
97.5°	1478.2	1481.1	1495.7	1504.5	1501.6	1488.9	1483.0	1492.8	1507.4	1525.0	1525.9
100°	1445.0	1447.0	1459.6	1467.4	1464.5	1454.8	1450.9	1460.6	1474.3	1490.8	1490.8
102.5°	1408.0	1409.9	1419.7	1424.5	1423.6	1415.8	1415.8	1426.5	1437.2	1452.8	1454.8
105°	1369.0	1370.9	1377.7	1380.7	1379.7	1376.8	1378.7	1389.4	1398.2	1411.9	1413.8
107.5°	1325.1	1327.0	1330.9	1331.9	1331.9	1331.9	1338.7	1348.5	1358.2	1368.0	1369.0
110°	1278.3	1279.3	1282.2	1281.2	1281.2	1283.2	1292.9	1303.6	1311.4	1321.2	1322.2



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 CATALOG NUMBER: FFX-CLB-100-750-U-VM9

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1227.6	1228.6	1230.5	1226.6	1227.6	1231.5	1244.2	1255.9	1260.7	1270.5	1270.5
115°	1174.0	1173.0	1174.9	1170.1	1169.1	1175.9	1189.6	1203.2	1207.1	1213.9	1214.9
117.5°	1115.5	1116.4	1115.5	1109.6	1108.6	1118.4	1131.1	1143.7	1148.6	1156.4	1154.5
120°	1055.0	1054.0	1055.0	1048.2	1047.2	1057.9	1070.6	1083.3	1086.2	1093.0	1091.1
122.5°	993.6	992.6	991.6	984.8	984.8	993.6	1009.2	1021.8	1019.9	1027.7	1026.7
125°	930.2	930.2	928.2	921.4	921.4	932.1	944.8	956.5	954.6	963.3	960.4
127.5°	867.8	867.8	865.8	860.0	860.0	869.7	881.4	893.1	890.2	898.0	895.1
130°	806.4	806.4	804.4	798.6	798.6	806.4	819.0	828.8	824.9	831.7	830.7
132.5°	747.9	746.9	745.9	740.1	741.0	748.8	758.6	767.4	763.5	771.3	768.3
135°	691.3	690.3	689.4	683.5	684.5	692.3	701.1	707.9	705.0	709.8	708.9
137.5°	637.7	636.7	635.7	630.9	631.8	637.7	646.5	652.3	648.4	655.2	652.3
140°	587.0	586.0	584.1	581.1	582.1	588.0	592.8	599.7	595.8	601.6	598.7
142.5°	538.2	538.2	536.3	533.3	534.3	540.2	544.1	548.9	545.0	549.9	548.0
145°	493.4	493.4	491.4	489.5	489.5	494.3	497.3	502.1	498.2	503.1	501.2
147.5°	452.4	452.4	450.5	448.5	448.5	453.4	455.3	459.2	455.3	459.2	457.3
150°	414.4	414.4	413.4	411.5	412.4	414.4	416.3	419.3	416.3	419.3	418.3
152.5°	381.2	381.2	380.3	379.3	378.3	381.2	382.2	385.1	382.2	385.1	383.2
155°	352.0	351.0	351.0	349.1	349.1	351.0	352.0	353.9	351.0	353.9	353.0
157.5°	325.7	325.7	324.7	323.7	323.7	324.7	325.7	326.6	324.7	327.6	325.7
160°	303.2	303.2	302.3	301.3	301.3	302.3	302.3	303.2	301.3	303.2	302.3
162.5°	283.7	283.7	282.8	282.8	281.8	282.8	283.7	283.7	282.8	283.7	282.8
165°	268.1	268.1	267.2	266.2	266.2	267.2	267.2	268.1	266.2	267.2	267.2
167.5°	253.5	253.5	253.5	252.5	251.6	252.5	252.5	252.5	251.6	252.5	252.5
170°	242.8	242.8	242.8	241.8	240.8	241.8	241.8	241.8	240.8	241.8	241.8
172.5°	234.0	234.0	234.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0	233.0
175°	228.2	228.2	228.2	228.2	227.2	228.2	228.2	228.2	228.2	228.2	227.2
177.5°	225.2	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3
180°	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3

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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-5

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-750-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-750-U-FR-T5.

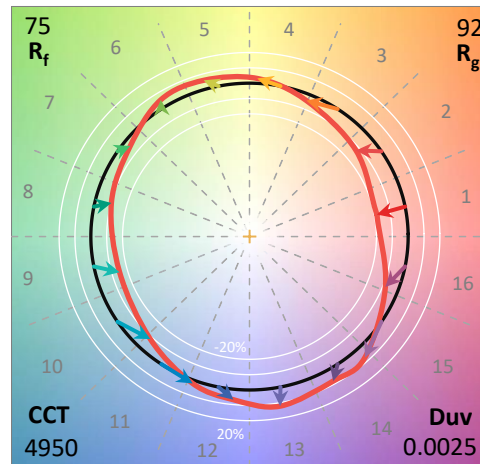
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-5
 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-100-750-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 4950
 CIE u': 0.2102
 CIE v': 0.4882
 Duv: 0.0025
 CIE x: 0.3471
 CIE y: 0.3583
 CIE z: 0.2946
 Peak Wavelength (nm): 452
 Dominant Wavelength (nm): 571
 Purity: 11.64963
 Rf: 74.8
 Rg: 92.4

CRI (Ra): 73.0
 R1: 69.1
 R2: 80.1
 R3: 87.3
 R4: 70.6
 R5: 69.4
 R6: 71.2
 R7: 82.5
 R8: 53.6
 R9: -35.4
 R10: 51.9
 R11: 66.1
 R12: 40.1
 R13: 71.5
 R14: 93.0
 R15: 62.2



Test Conditions

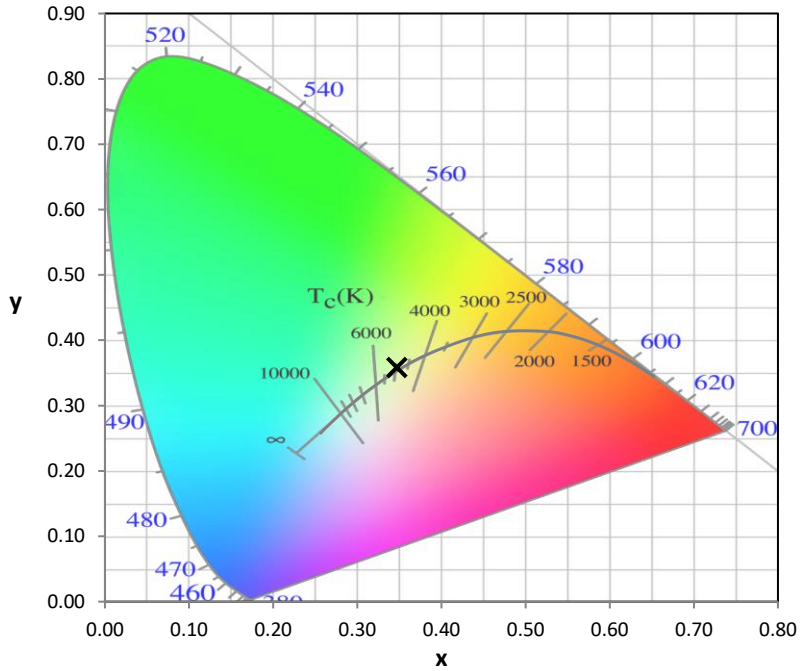
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-5

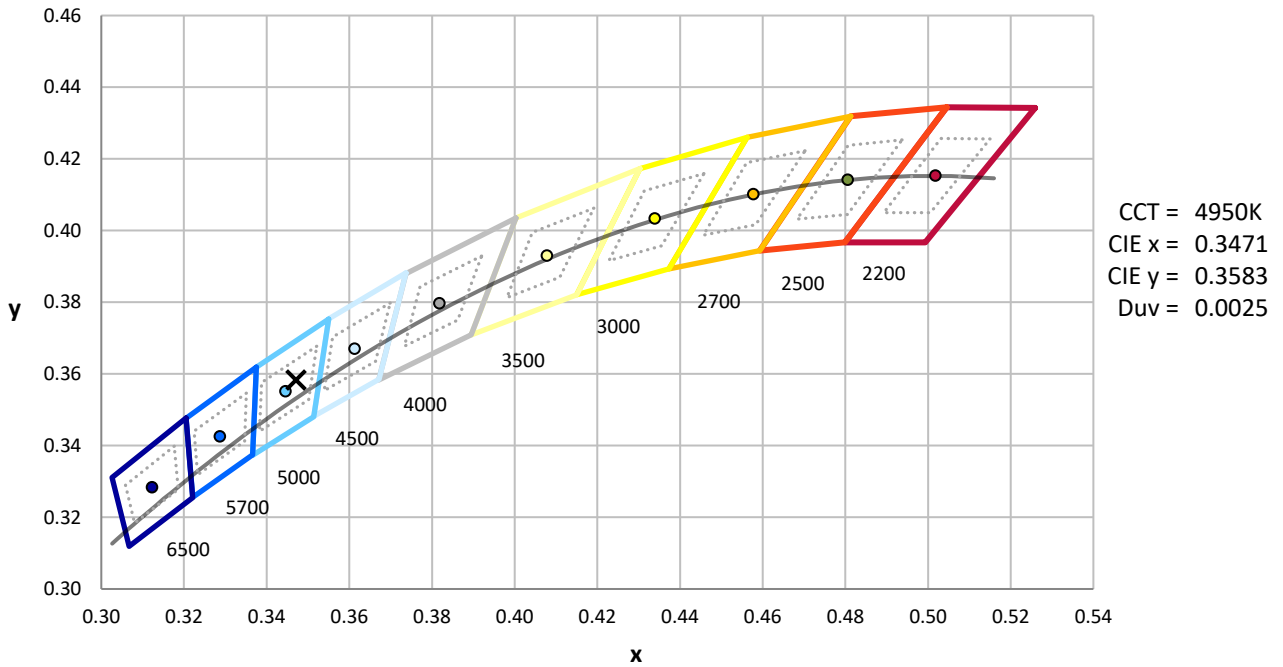
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



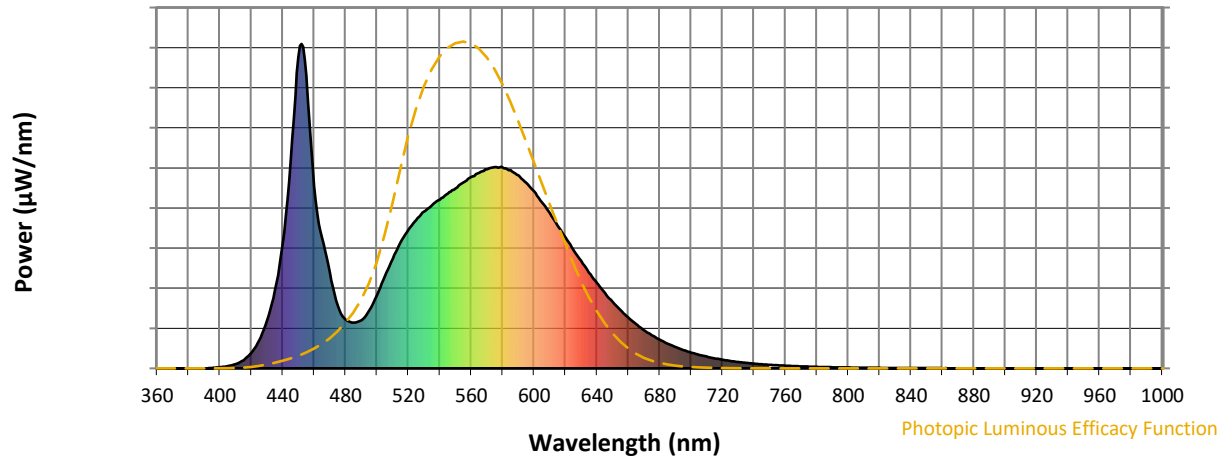
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

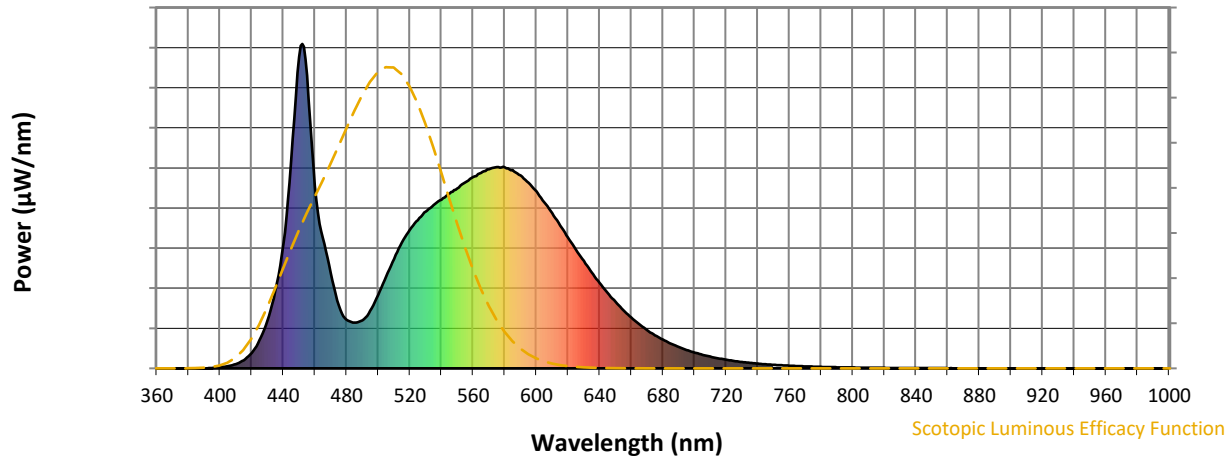


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.8

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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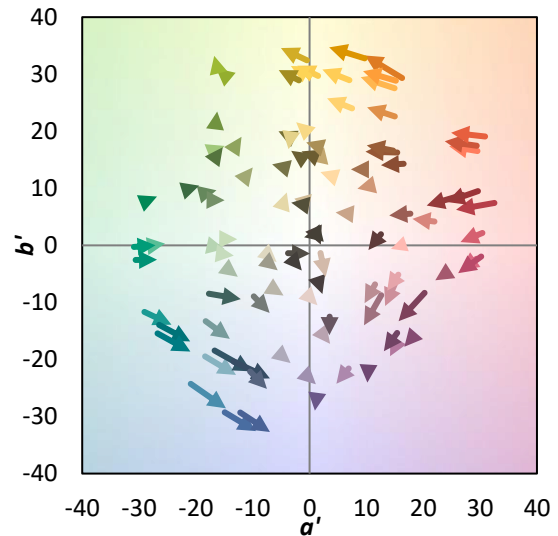
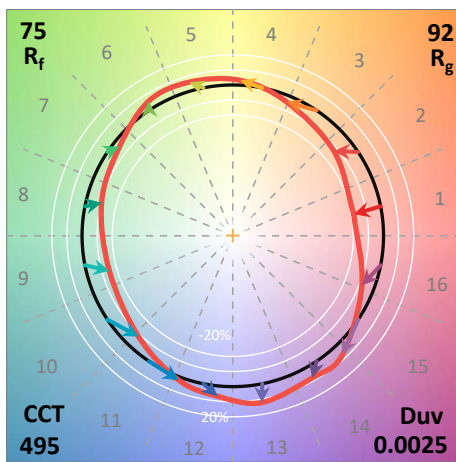
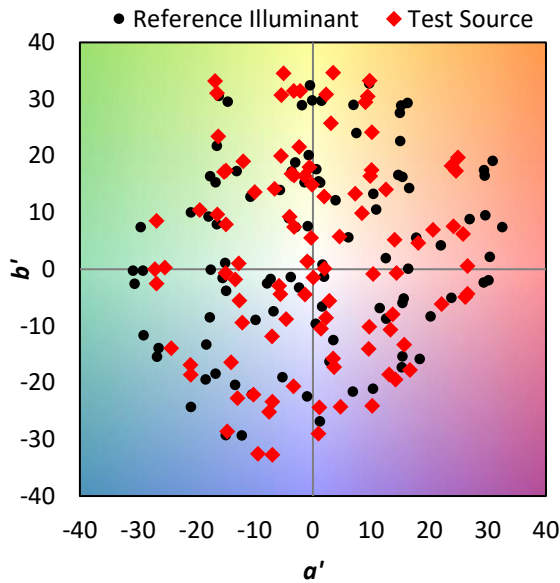
TM-30-18

Summary

$R_f = 74.8$
 $R_g = 92.4$
 CIE $R_a = 73.0$
 $R_9 = -35.4$



Color Vector Graphics

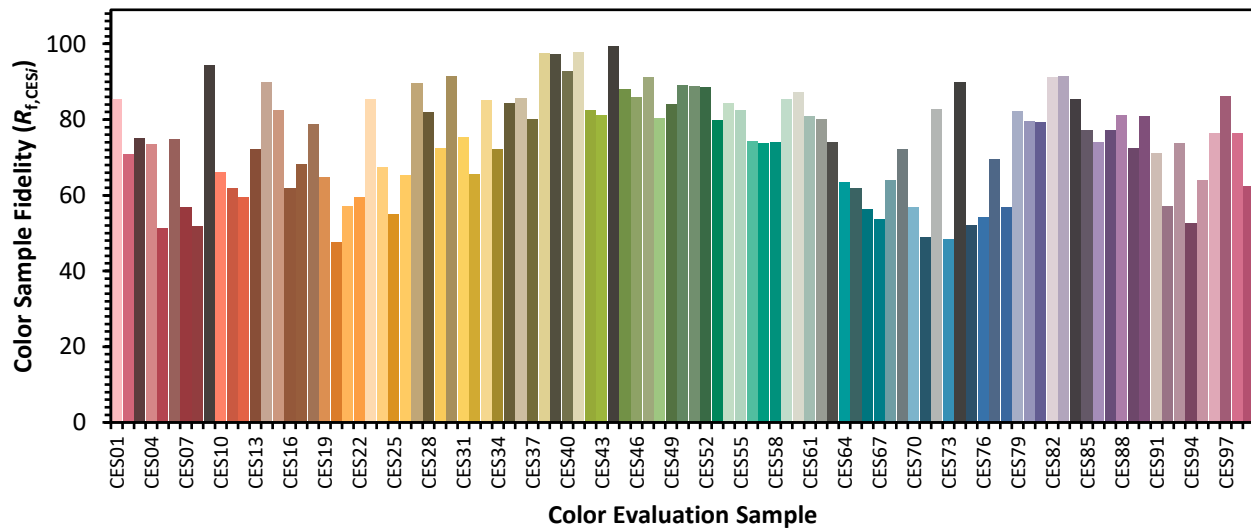


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Individual Sample Fidelity Index ($R_{f,i}$)

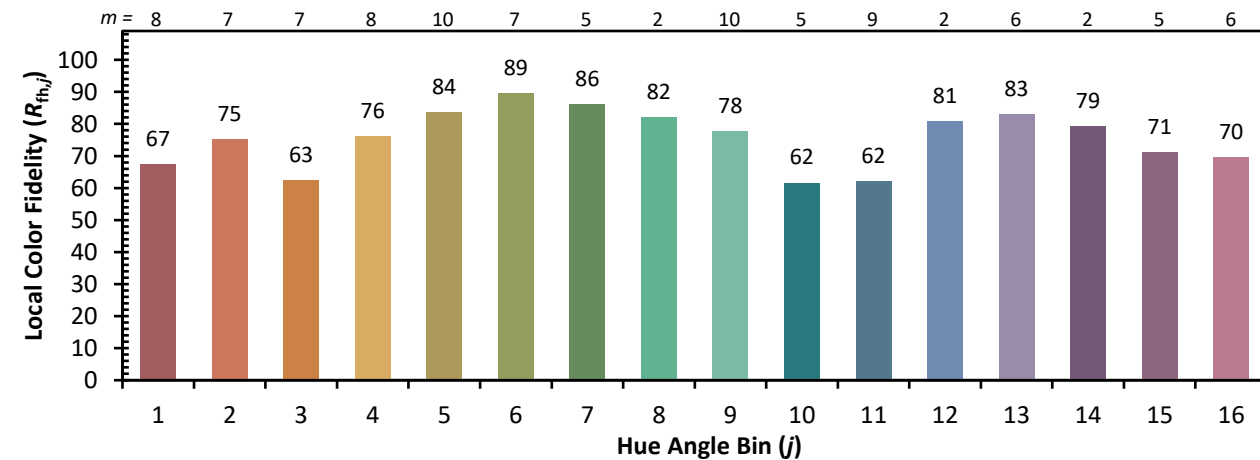
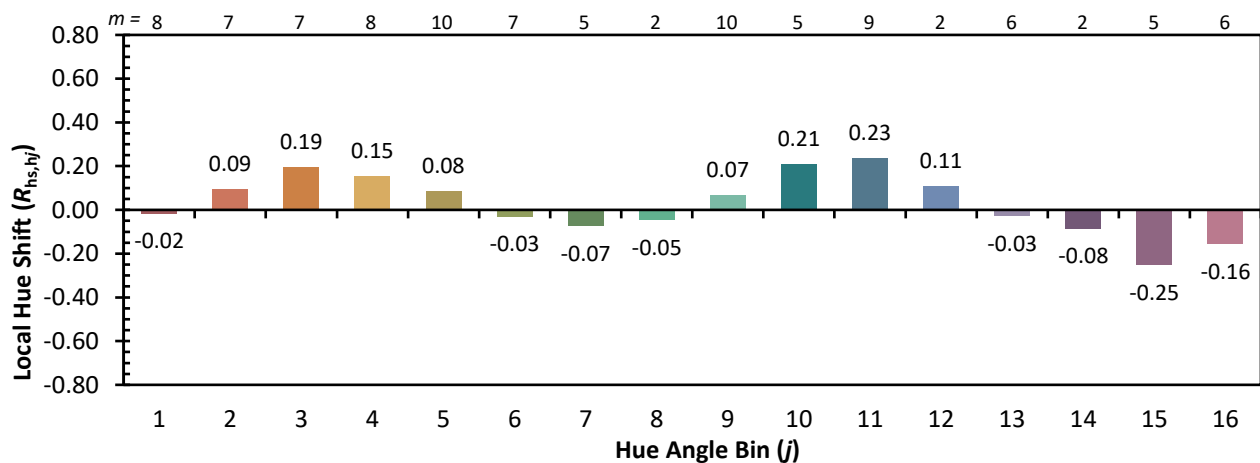
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CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 91
CES08 = 38	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 72	CES59 = 85	CES84 = 85
CES10 = 73	CES35 = 84	CES60 = 87	CES85 = 77
CES11 = 56	CES36 = 86	CES61 = 81	CES86 = 74
CES12 = 62	CES37 = 80	CES62 = 80	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 74	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 63	CES89 = 72
CES15 = 70	CES40 = 93	CES65 = 62	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 56	CES91 = 71
CES17 = 49	CES42 = 83	CES67 = 54	CES92 = 57
CES18 = 55	CES43 = 81	CES68 = 64	CES93 = 74
CES19 = 71	CES44 = 99	CES69 = 72	CES94 = 53
CES20 = 64	CES45 = 88	CES70 = 57	CES95 = 64
CES21 = 85	CES46 = 86	CES71 = 49	CES96 = 76
CES22 = 77	CES47 = 91	CES72 = 83	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 48	CES98 = 77
CES24 = 90	CES49 = 84	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 52	



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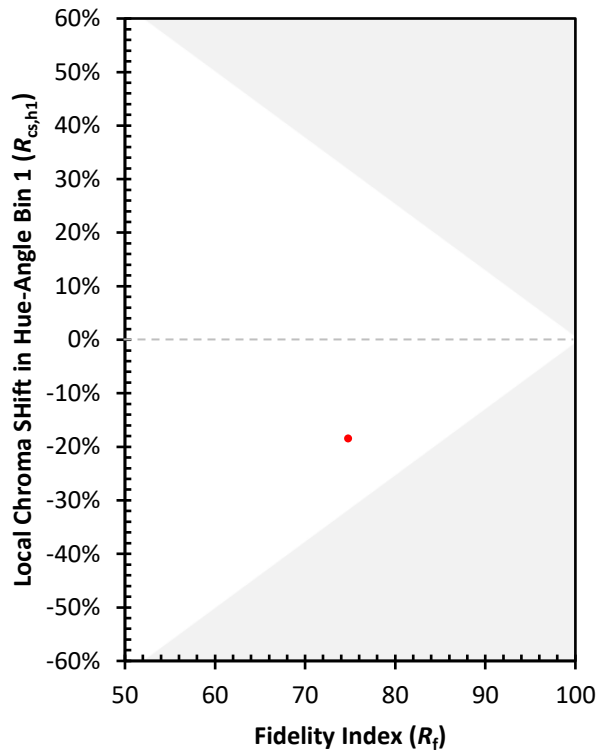
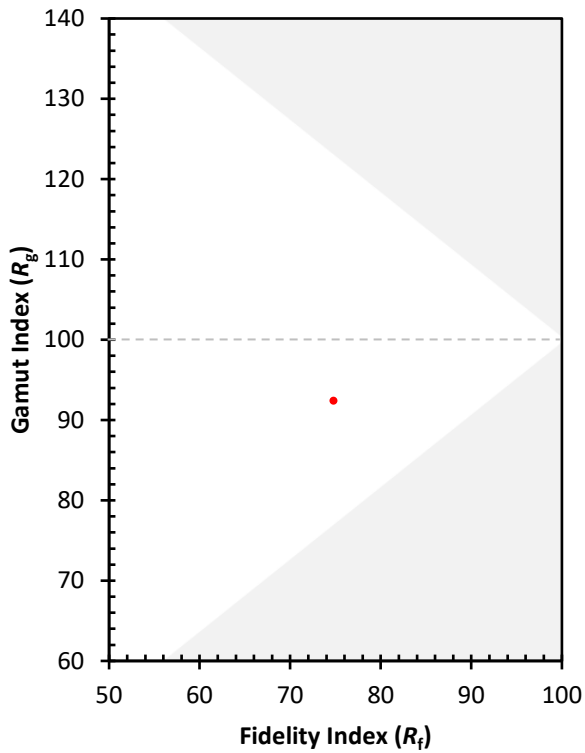
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)