

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: P856318

Luminaire Tested: **FFX-CLB-90-750-U-FG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856318
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-90-750-U-FG
Description: FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

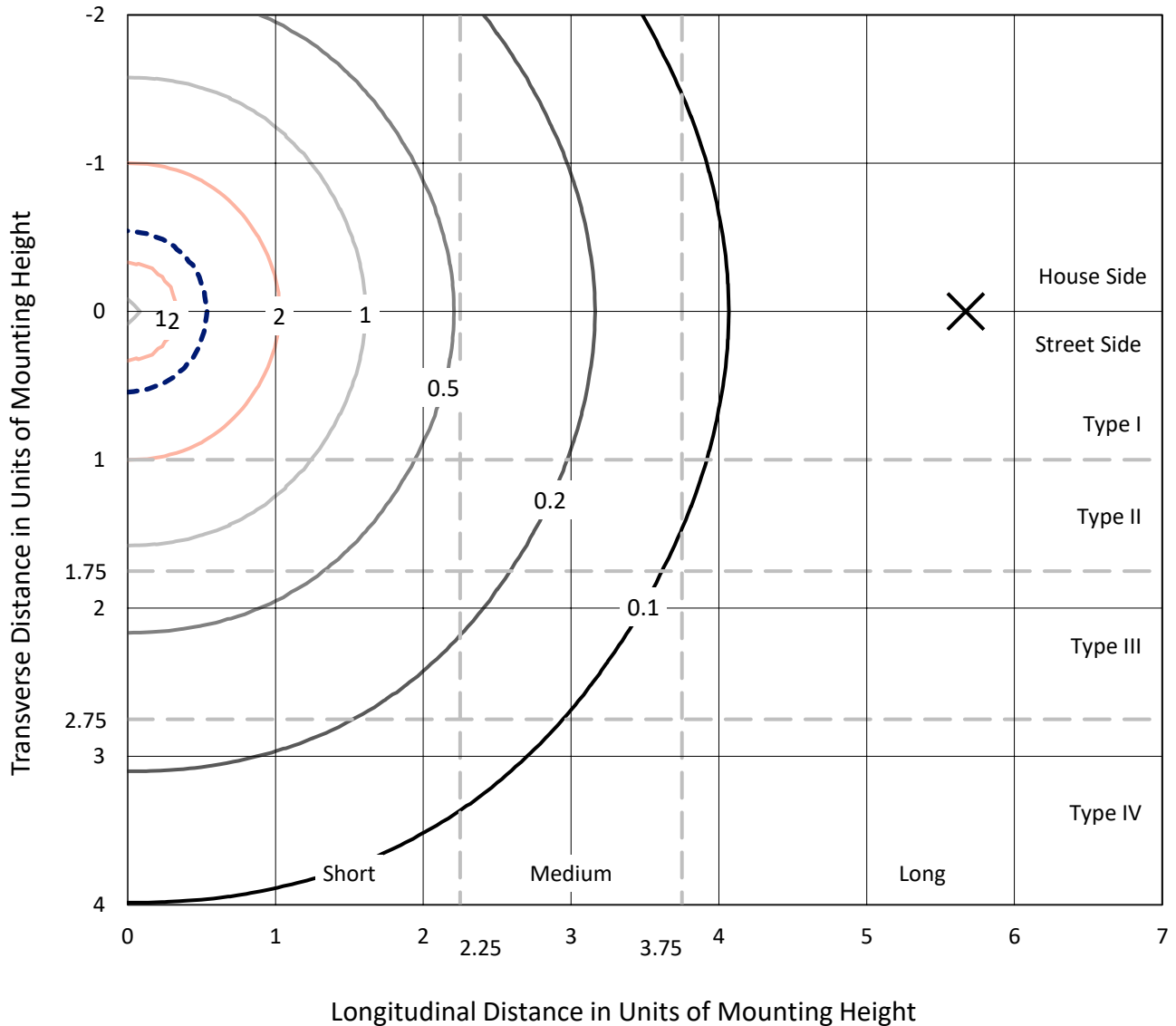
Lumens per Lamp: N/A
Luminaire Lumens: 14846.9 lumens
Efficiency: N/A
Efficacy: 164.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

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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Iso-Footcandle Lines of Horizontal Illumination

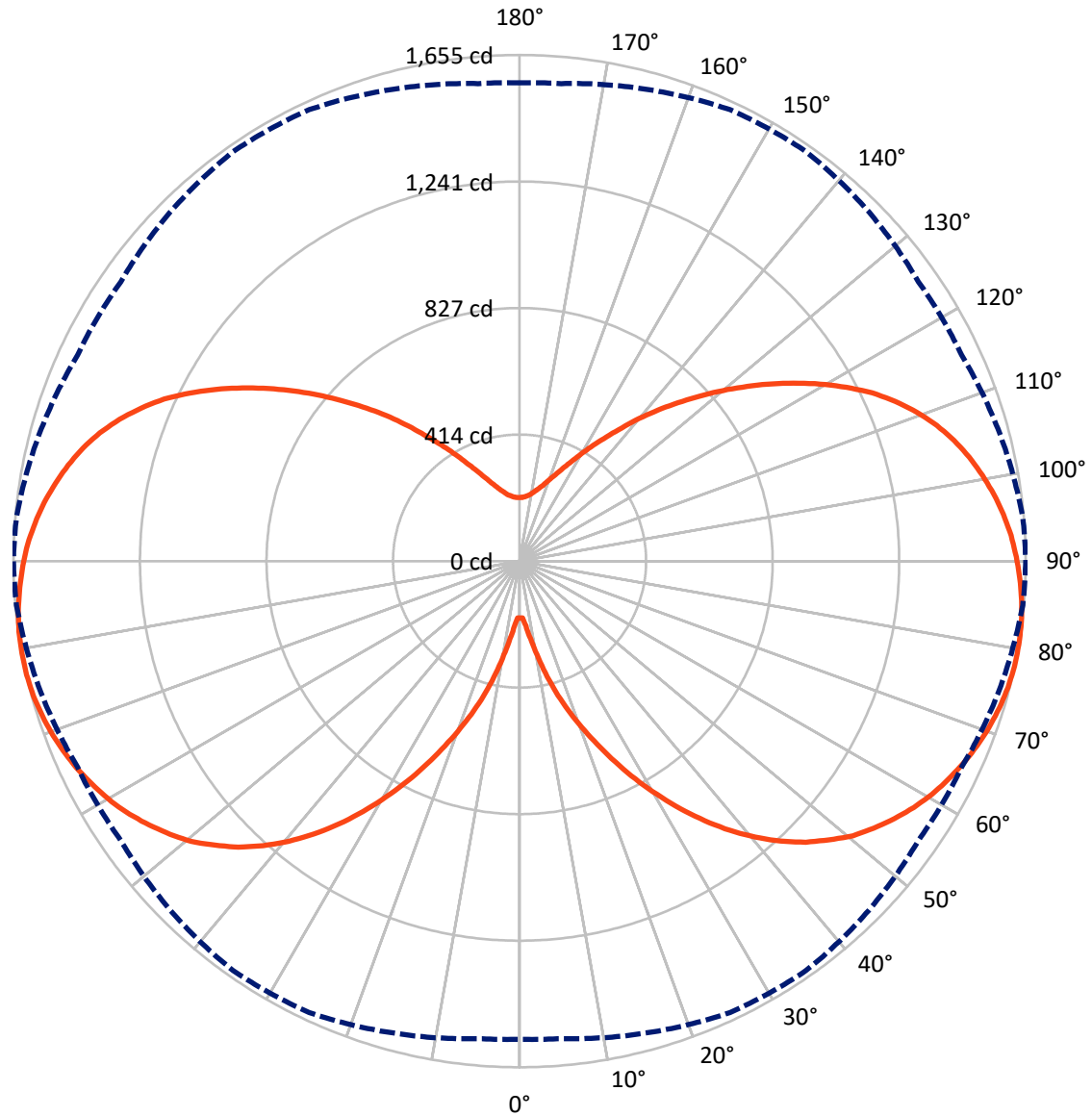
× Max cd
 - - - 1/2 Max cd



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 80-Deg Vertical

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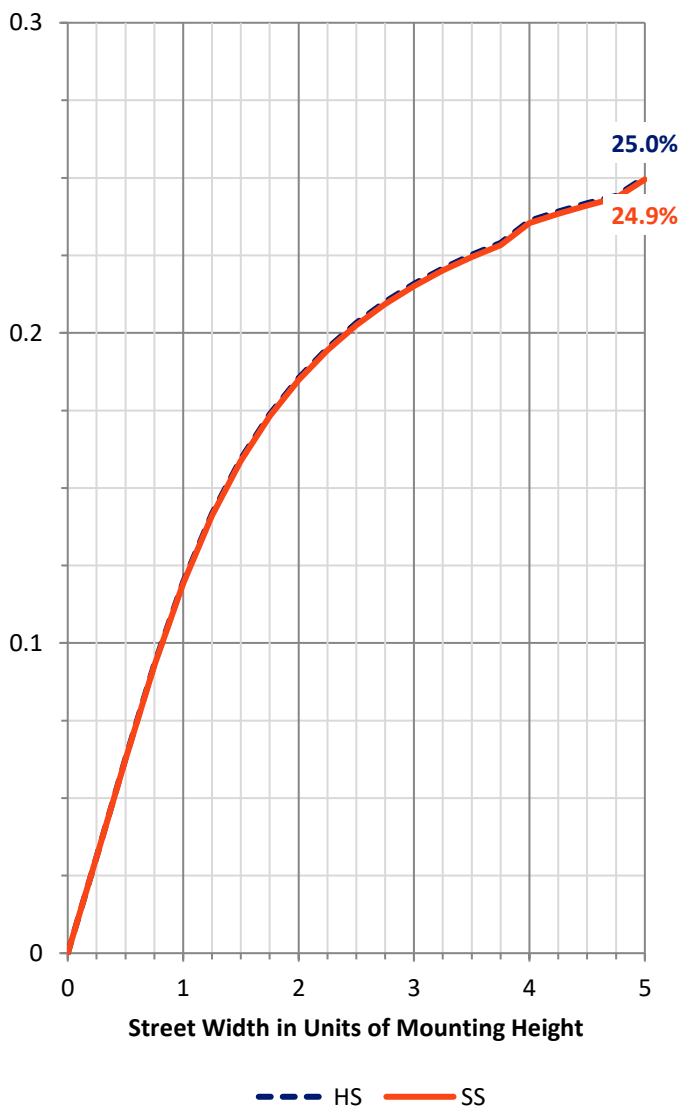
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4224.1	3199.4	7423.5
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	4224.1	3199.4	7423.5
	% Fixture	28.5	21.5	50.0
Total	Lumens	8448.2	6398.7	14846.9
	% Fixture	56.9	43.1	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	0.2
10°-20°	129.5	0.9
20°-30°	340.6	2.3
30°-40°	651.2	4.4
40°-50°	1001.1	6.7
50°-60°	1311.5	8.8
60°-70°	1547.8	10.4
70°-80°	1698.1	11.4
80°-90°	1744.7	11.8
90°-100°	1680.9	11.3
100°-110°	1507.2	10.2
110°-120°	1224.7	8.2
120°-130°	875.1	5.9
130°-140°	553.4	3.7
140°-150°	310.0	2.1
150°-160°	156.0	1.1
160°-170°	70.9	0.5
170°-180°	20.6	0.1
0°-90°	8448.2	56.9
0°-180°	14846.9	100.0



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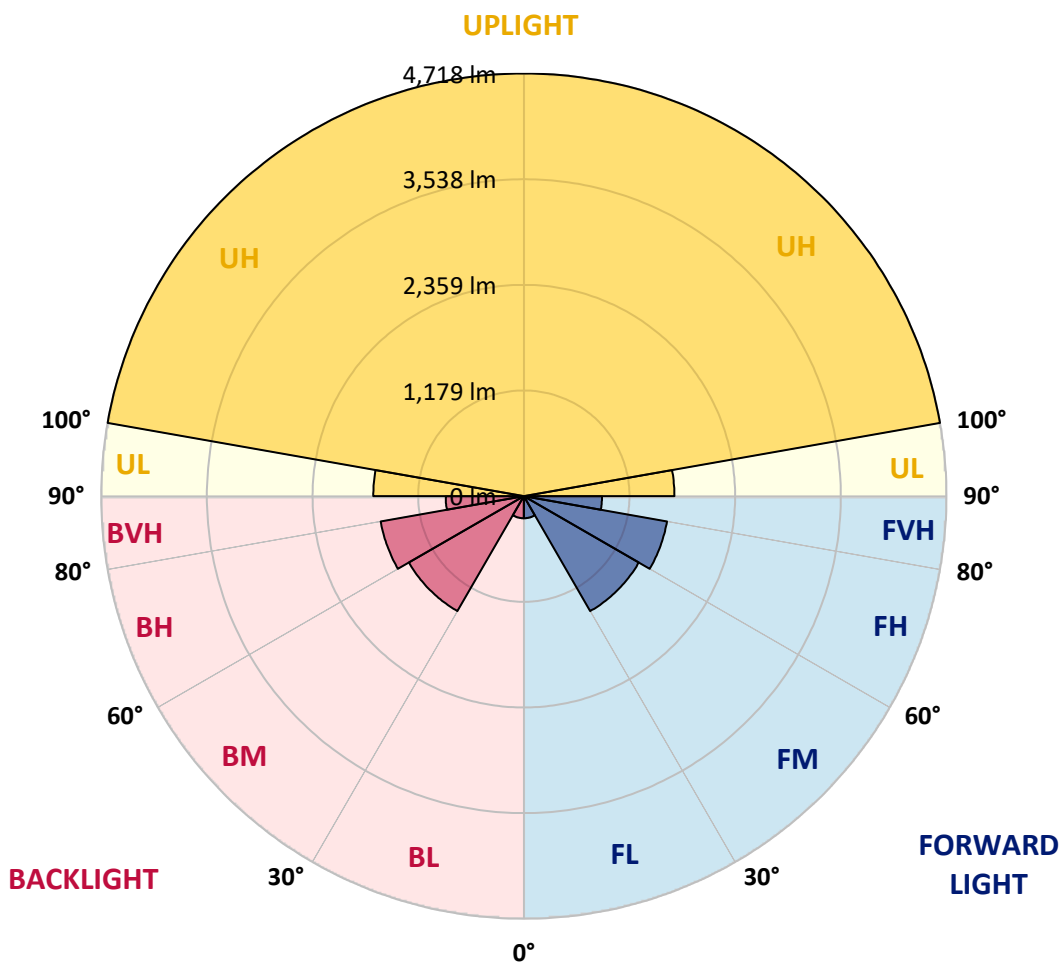
CATALOG NUMBER: FFX-CLB-90-750-U-FG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	246.9	1.7			
FM (30°-60°)	1481.9	10.0			
FH (60°-80°)	1623.0	10.9			G1/1800
FVH (80°-90°)	872.3	5.9			G5
BL (0°-30°)	246.9	1.7	B1/500		
BM (30°-60°)	1481.9	10.0	B2/2500		
BH (60°-80°)	1623.0	10.9	B3/2500		G1/1800
BVH (80°-90°)	872.3	5.9			G5
UL (90°-100°)	1680.9	11.3		U5	
UH (100°-180°)	4717.9	31.8		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°	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4	186.4
2.5°	195.5	195.5	194.6	192.8	191.9	191.0	189.1	186.4	185.5	185.5	185.5
5°	212.9	213.8	213.8	212.9	213.8	212.0	212.0	210.1	211.1	211.1	212.0
7.5°	255.8	255.8	256.7	256.7	257.7	255.8	256.7	255.8	256.7	256.7	255.8
10°	311.6	311.6	313.4	311.6	312.5	310.6	309.7	309.7	312.5	311.6	310.6
12.5°	374.6	376.4	375.5	374.6	376.4	374.6	372.8	373.7	377.3	375.5	374.6
15°	441.3	443.1	445.0	442.2	443.1	442.2	441.3	442.2	445.9	444.0	443.1
17.5°	508.9	509.8	511.7	508.0	508.9	509.8	508.9	509.8	512.6	511.7	510.7
20°	576.5	578.3	580.2	576.5	577.4	578.3	577.4	578.3	582.0	580.2	579.3
22.5°	647.8	648.7	652.4	647.8	649.6	650.5	648.7	650.5	654.2	652.4	651.4
25°	721.8	720.9	726.4	722.7	723.6	725.4	723.6	725.4	730.0	730.0	727.3
27.5°	797.6	797.6	802.2	799.5	801.3	800.4	802.2	804.0	808.6	809.5	806.8
30°	873.5	873.5	880.8	876.2	878.9	879.9	879.9	881.7	887.2	889.0	885.3
32.5°	949.3	949.3	953.0	953.9	955.7	956.6	958.4	958.4	965.7	966.7	964.8
35°	1023.3	1023.3	1027.0	1028.8	1033.4	1031.5	1034.3	1034.3	1042.5	1043.4	1042.5
37.5°	1093.7	1094.6	1099.1	1101.0	1104.6	1104.6	1106.4	1108.3	1115.6	1118.3	1117.4
40°	1160.4	1162.2	1165.8	1169.5	1173.1	1173.1	1174.1	1176.8	1185.0	1187.8	1186.9
42.5°	1220.7	1221.6	1227.1	1232.5	1236.2	1236.2	1237.1	1238.9	1248.1	1251.7	1251.7
45°	1273.6	1276.4	1283.7	1291.0	1294.7	1293.7	1293.7	1296.5	1306.5	1311.1	1311.1
47.5°	1323.0	1326.6	1334.9	1342.2	1345.8	1345.8	1344.9	1347.7	1358.6	1364.1	1361.4
50°	1366.8	1369.6	1378.7	1389.7	1392.4	1392.4	1389.7	1392.4	1404.3	1411.6	1411.6
52.5°	1403.4	1406.1	1417.1	1429.0	1432.6	1431.7	1428.1	1430.8	1442.7	1450.9	1450.0
55°	1434.5	1438.1	1450.0	1464.6	1468.3	1465.5	1460.9	1463.7	1476.5	1487.4	1486.5
57.5°	1462.8	1465.5	1479.2	1494.8	1500.2	1495.7	1489.3	1492.0	1506.6	1518.5	1519.4
60°	1486.5	1489.3	1504.8	1523.1	1527.6	1522.2	1513.9	1516.7	1533.1	1546.8	1548.7
62.5°	1506.6	1509.4	1526.7	1546.8	1553.2	1545.0	1535.0	1537.7	1556.0	1571.5	1572.4
65°	1523.1	1525.8	1545.9	1566.9	1573.3	1564.2	1552.3	1555.1	1575.2	1592.5	1594.3
67.5°	1535.9	1539.5	1562.4	1585.2	1590.7	1579.7	1566.0	1568.8	1590.7	1610.8	1612.6
70°	1546.8	1551.4	1575.2	1599.8	1606.2	1593.4	1577.0	1580.6	1605.3	1625.4	1628.2
72.5°	1555.1	1559.6	1585.2	1611.7	1619.0	1603.5	1585.2	1588.9	1615.4	1637.3	1640.0
75°	1560.5	1565.1	1592.5	1620.8	1627.2	1610.8	1590.7	1594.3	1621.8	1645.5	1649.2
77.5°	1563.3	1567.8	1597.1	1626.3	1632.7	1613.5	1592.5	1596.2	1624.5	1650.1	1653.7
80°	1563.3	1566.9	1597.1	1628.2	1633.6	1614.4	1591.6	1594.3	1623.6	1651.0	1654.6
82.5°	1560.5	1564.2	1595.3	1626.3	1631.8	1610.8	1587.0	1590.7	1620.8	1648.3	1652.8
85°	1554.1	1557.8	1588.9	1620.8	1626.3	1603.5	1578.8	1582.5	1612.6	1641.9	1646.4
87.5°	1545.0	1549.6	1579.7	1611.7	1616.3	1592.5	1568.8	1570.6	1602.6	1632.7	1636.4
90°	1534.0	1538.6	1566.9	1598.9	1603.5	1579.7	1555.1	1557.8	1588.9	1619.9	1623.6
92.5°	1521.3	1524.9	1552.3	1581.6	1587.0	1562.4	1538.6	1542.3	1573.3	1604.4	1609.0
95°	1504.8	1507.5	1533.1	1560.5	1565.1	1543.2	1519.4	1523.1	1554.1	1584.3	1588.9
97.5°	1484.7	1486.5	1509.4	1534.0	1539.5	1518.5	1496.6	1500.2	1530.4	1560.5	1566.0
100°	1461.9	1462.8	1482.9	1503.9	1508.5	1491.1	1471.0	1475.6	1503.9	1535.0	1538.6
102.5°	1435.4	1435.4	1451.8	1469.2	1474.7	1460.0	1442.7	1447.2	1474.7	1503.9	1508.5
105°	1406.1	1403.4	1415.3	1429.0	1435.4	1424.4	1411.6	1415.3	1440.8	1469.2	1474.7
107.5°	1369.6	1366.8	1375.1	1386.9	1393.3	1385.1	1375.1	1380.5	1402.5	1429.0	1434.5
110°	1328.5	1324.8	1328.5	1337.6	1344.9	1339.4	1334.0	1338.5	1359.5	1384.2	1387.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1281.0	1276.4	1277.3	1283.7	1290.1	1289.2	1285.5	1292.8	1310.2	1330.3	1334.9
115°	1226.1	1221.6	1218.8	1222.5	1228.0	1231.6	1235.3	1239.8	1253.5	1270.0	1277.3
117.5°	1168.6	1161.3	1156.7	1156.7	1163.1	1169.5	1175.9	1182.3	1191.4	1207.0	1209.7
120°	1101.9	1097.3	1090.9	1090.9	1096.4	1102.8	1112.8	1120.2	1125.6	1136.6	1140.3
122.5°	1036.1	1029.7	1023.3	1023.3	1027.0	1036.1	1049.8	1056.2	1058.9	1065.3	1068.1
125°	969.4	962.1	954.8	954.8	958.4	967.6	983.1	988.6	990.4	993.2	995.9
127.5°	901.8	894.5	888.1	885.3	890.8	898.1	913.7	921.0	921.9	921.9	923.7
130°	834.2	828.7	822.3	819.6	825.0	831.4	848.8	856.1	852.4	852.4	853.4
132.5°	770.2	764.7	758.3	756.5	760.2	768.4	783.9	790.3	787.6	783.9	784.8
135°	708.1	703.5	695.3	694.4	699.9	703.5	718.1	724.5	721.8	718.1	719.1
137.5°	648.7	644.1	636.8	635.9	641.4	646.0	656.9	663.3	659.7	656.0	656.9
140°	592.1	586.6	581.1	580.2	583.8	588.4	598.5	602.1	598.5	595.7	596.6
142.5°	539.1	535.4	529.0	529.0	530.8	534.5	542.7	546.4	542.7	539.1	537.2
145°	488.8	484.2	480.6	479.7	481.5	485.2	490.6	494.3	490.6	487.9	486.1
147.5°	444.0	440.4	436.7	436.7	437.6	440.4	445.0	445.9	443.1	441.3	439.5
150°	402.9	399.3	397.4	396.5	397.4	398.4	402.0	403.8	401.1	399.3	397.4
152.5°	365.5	362.7	360.9	361.8	361.8	362.7	363.6	364.6	361.8	361.8	360.0
155°	332.6	330.7	328.9	329.8	329.8	329.8	330.7	330.7	328.9	328.9	328.0
157.5°	305.2	303.3	302.4	303.3	303.3	302.4	303.3	303.3	301.5	301.5	300.6
160°	281.4	279.6	279.6	279.6	279.6	278.7	280.5	279.6	278.7	277.8	277.8
162.5°	262.2	260.4	260.4	261.3	260.4	260.4	260.4	260.4	259.5	259.5	258.6
165°	246.7	244.9	244.9	245.8	244.9	244.9	244.9	244.9	243.9	243.9	243.9
167.5°	233.9	233.0	233.0	233.0	233.0	232.1	233.0	233.0	232.1	232.1	232.1
170°	223.8	222.9	222.9	222.9	222.9	222.9	222.9	222.9	222.9	222.0	222.0
172.5°	217.5	216.5	216.5	216.5	216.5	216.5	216.5	216.5	215.6	215.6	215.6
175°	212.9	212.0	212.0	212.0	212.0	212.0	212.0	212.0	212.0	211.1	211.1
177.5°	210.1	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2	208.3	208.3
180°	208.3	208.3	208.3	208.3	208.3	208.3	208.3	208.3	208.3	208.3	208.3

Cooper Lighting Solutions Photometric Lab
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: SP1-2406-133-5

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.

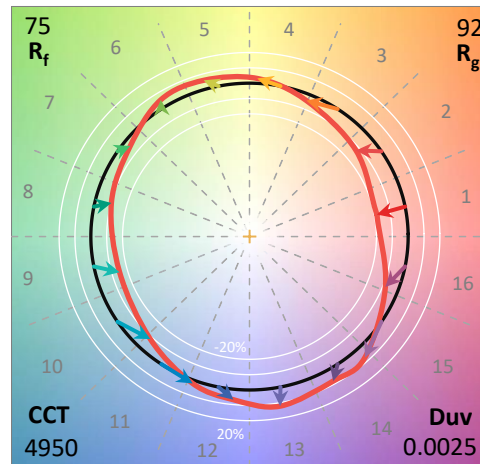
Test Information

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



Test Conditions

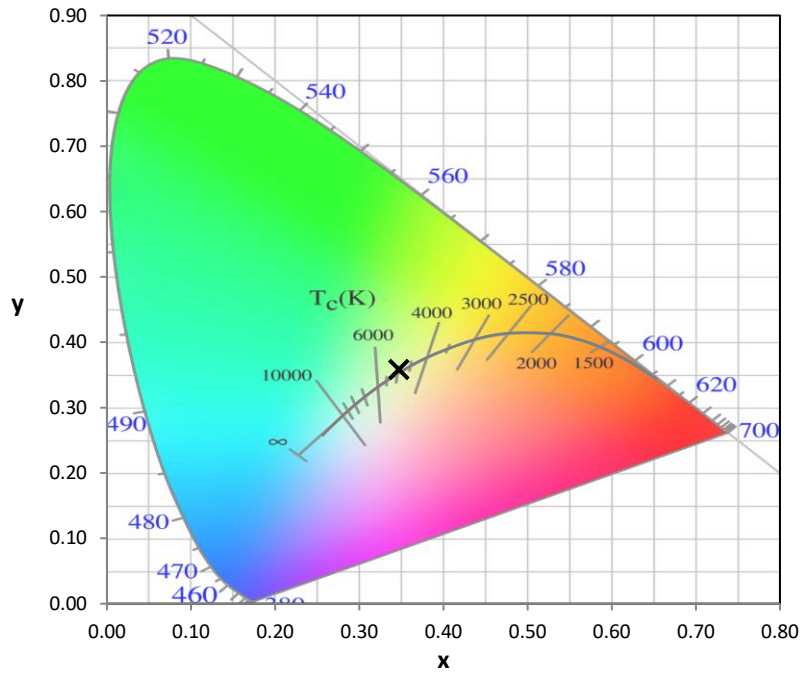
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-5

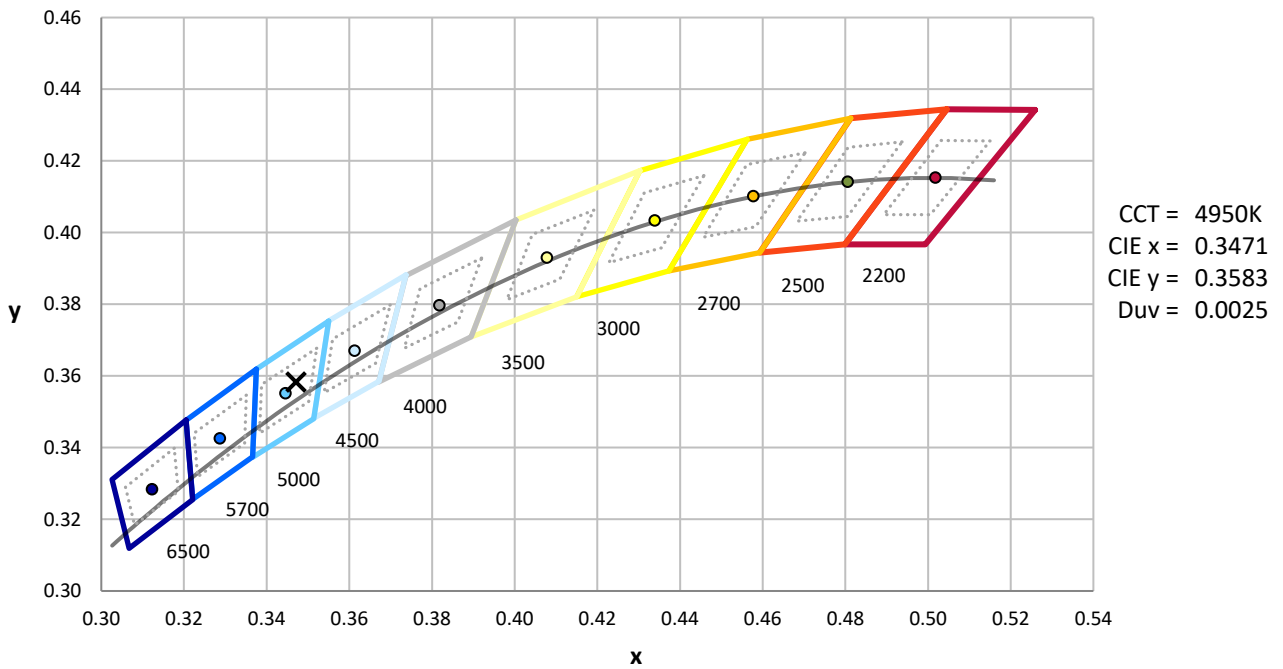
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



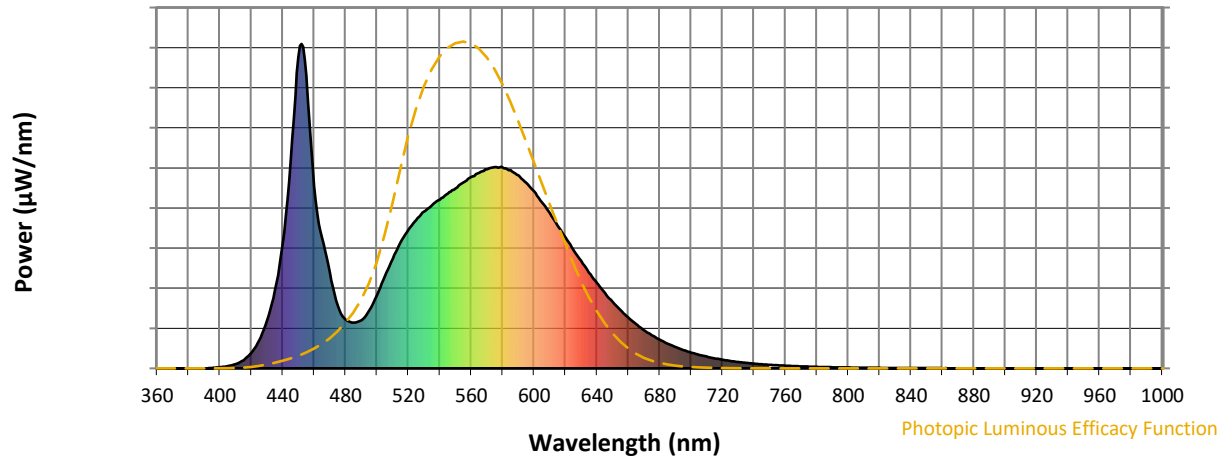
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

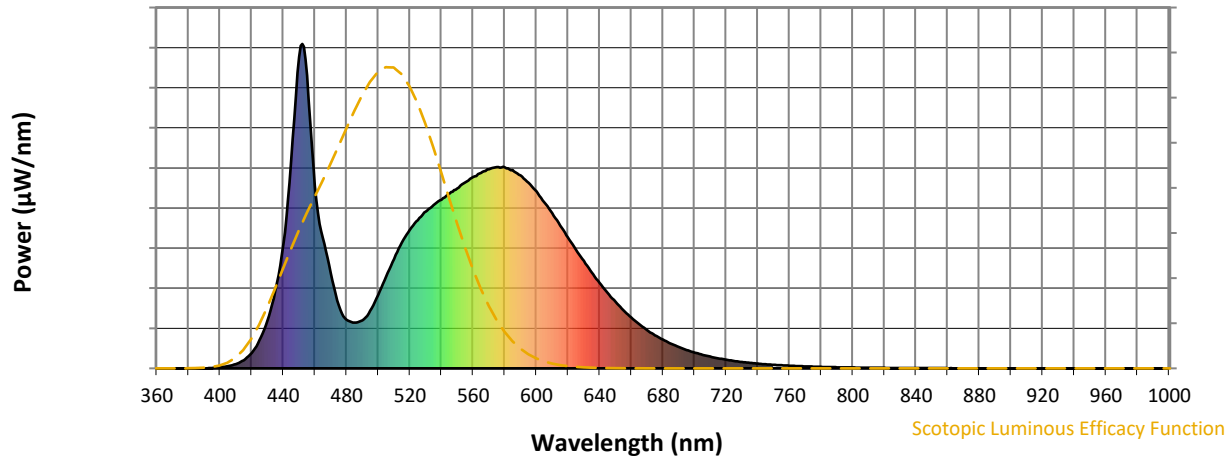


Photopic Lumens: NR

λ (nm)	Power 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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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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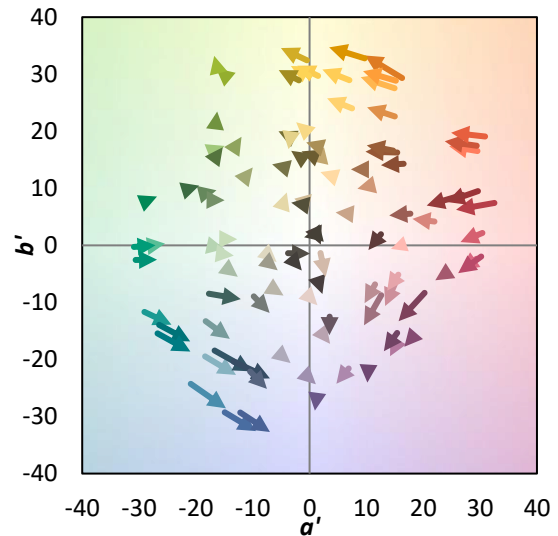
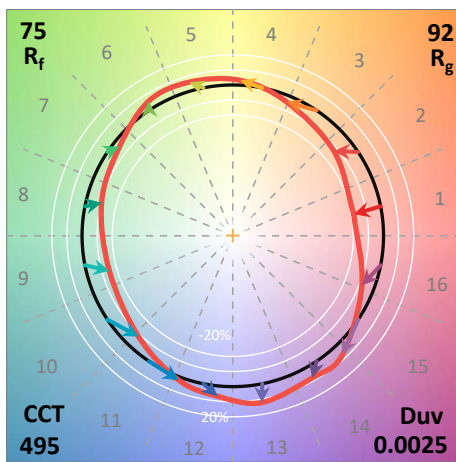
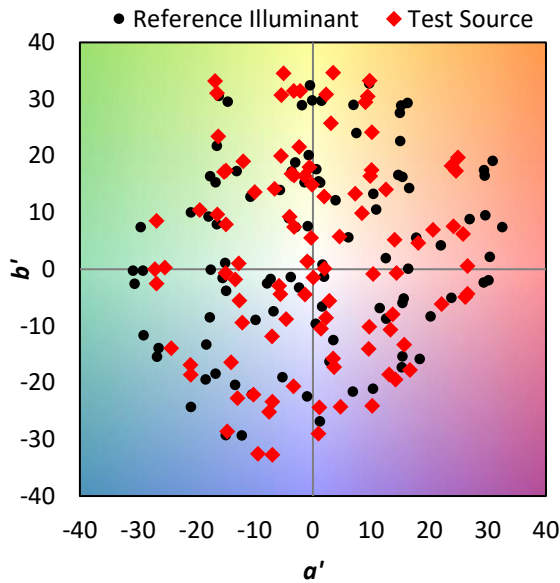
TM-30-18

Summary

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



Color Vector Graphics

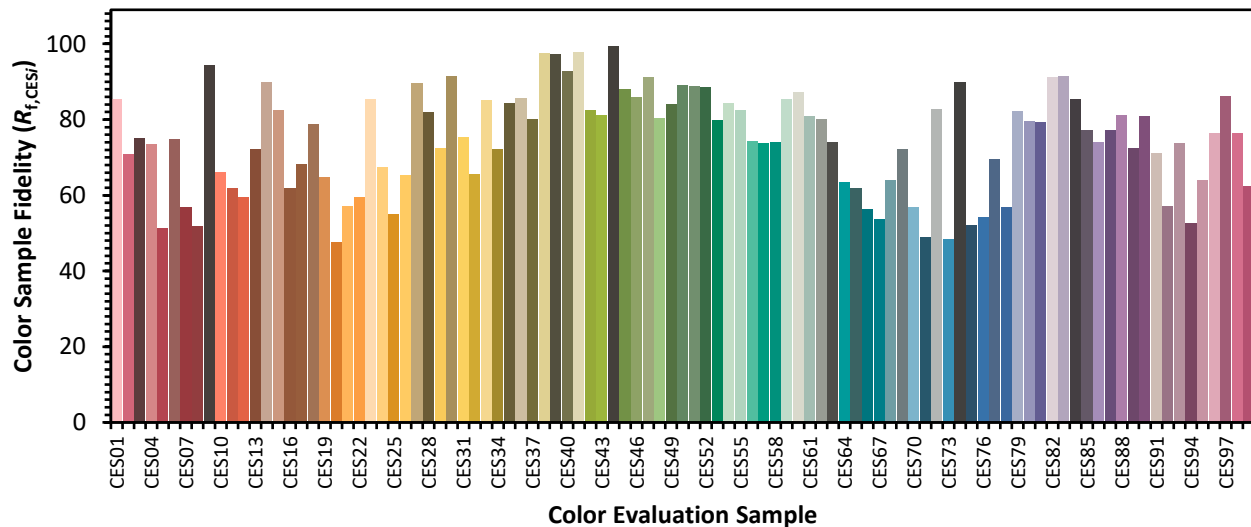


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Individual Sample Fidelity Index ($R_{f,i}$)

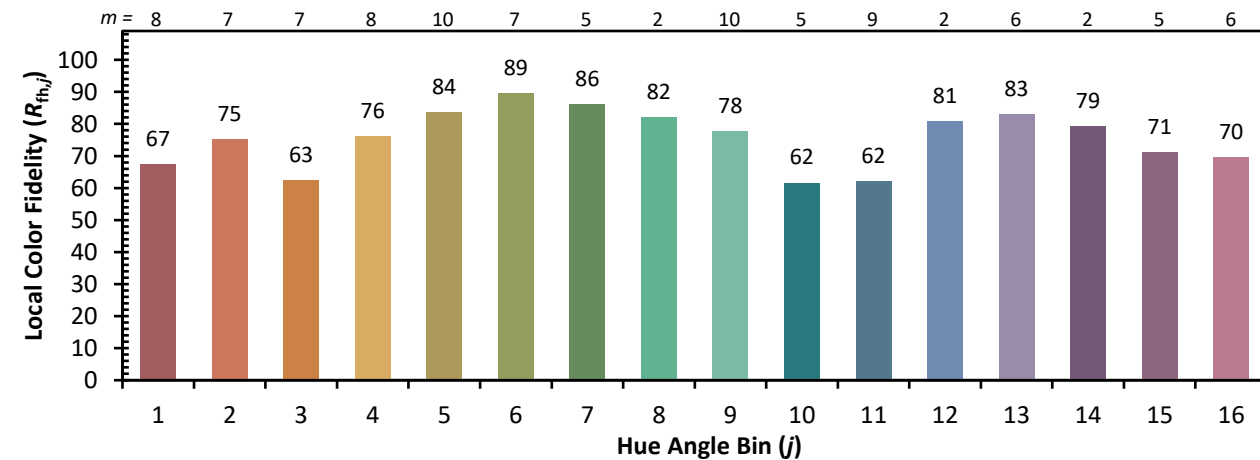
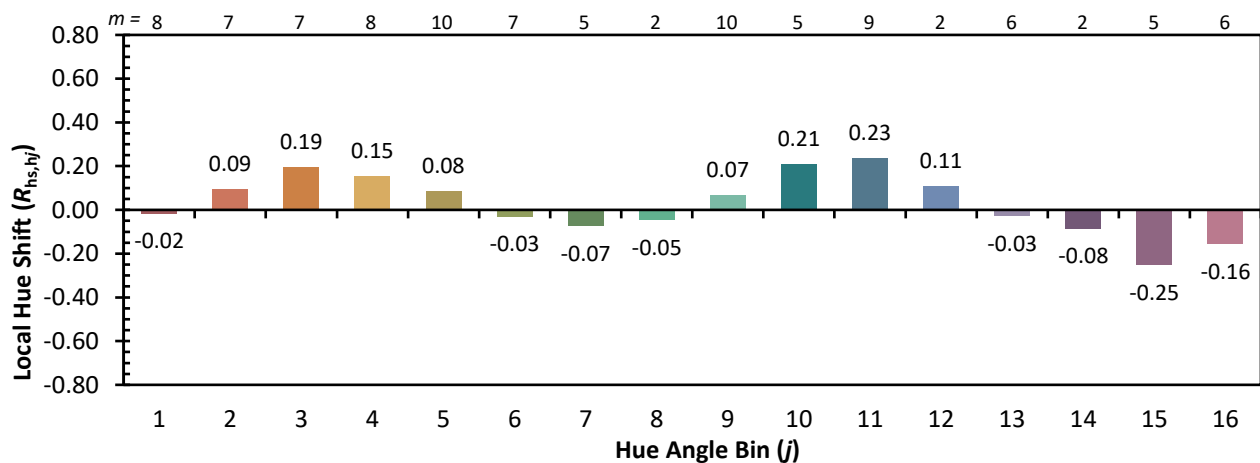
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CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 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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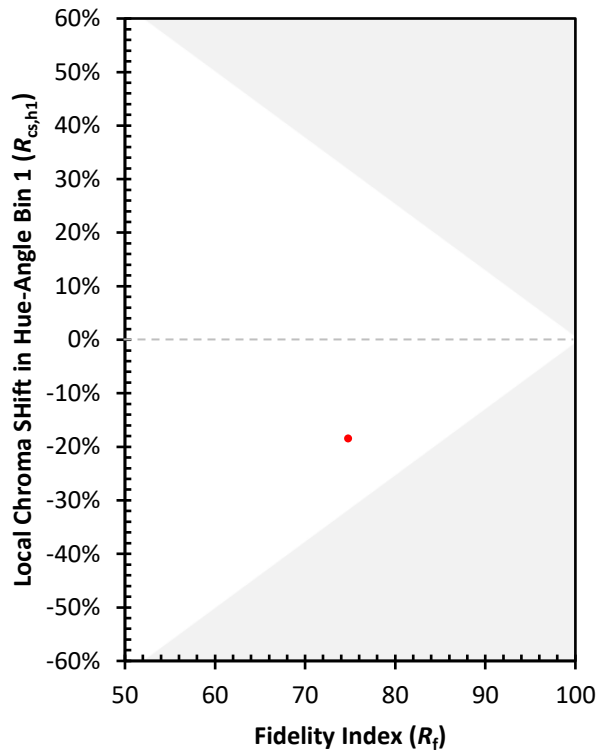
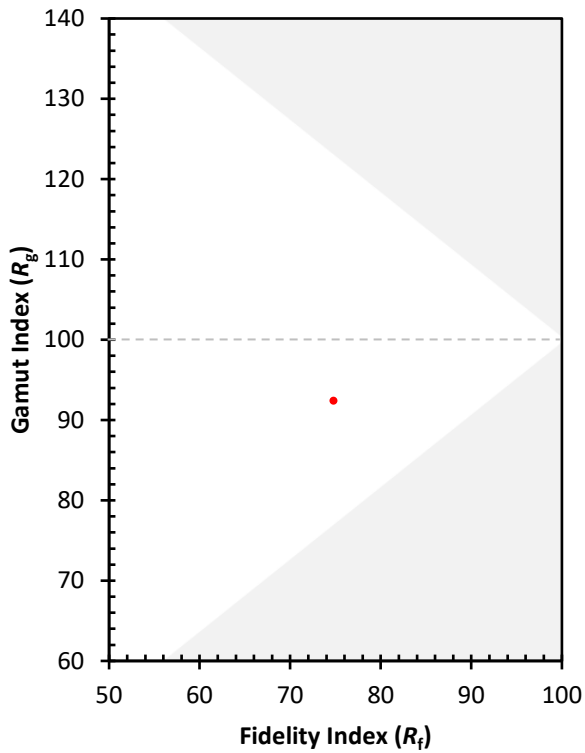
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)