

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: P856408

Luminaire Tested: **FFX-CLB-90-750-U-VM9**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856408
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-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

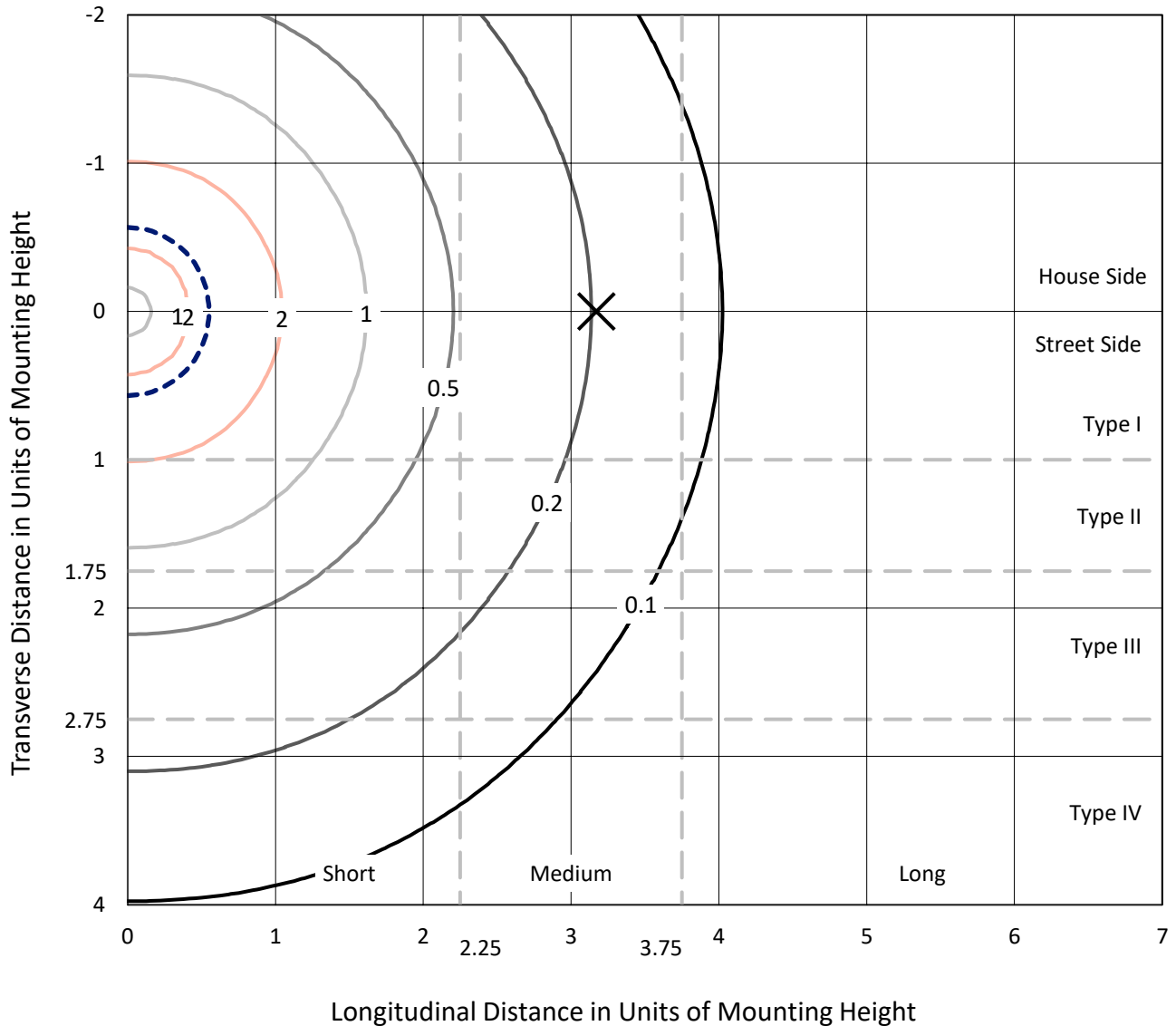
Lumens per Lamp: N/A
Luminaire Lumens: 14194.4 lumens
Efficiency: N/A
Efficacy: 157.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

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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 CATALOG NUMBER: FFX-CLB-90-750-U-VM9

Iso-Footcandle Lines of Horizontal Illumination

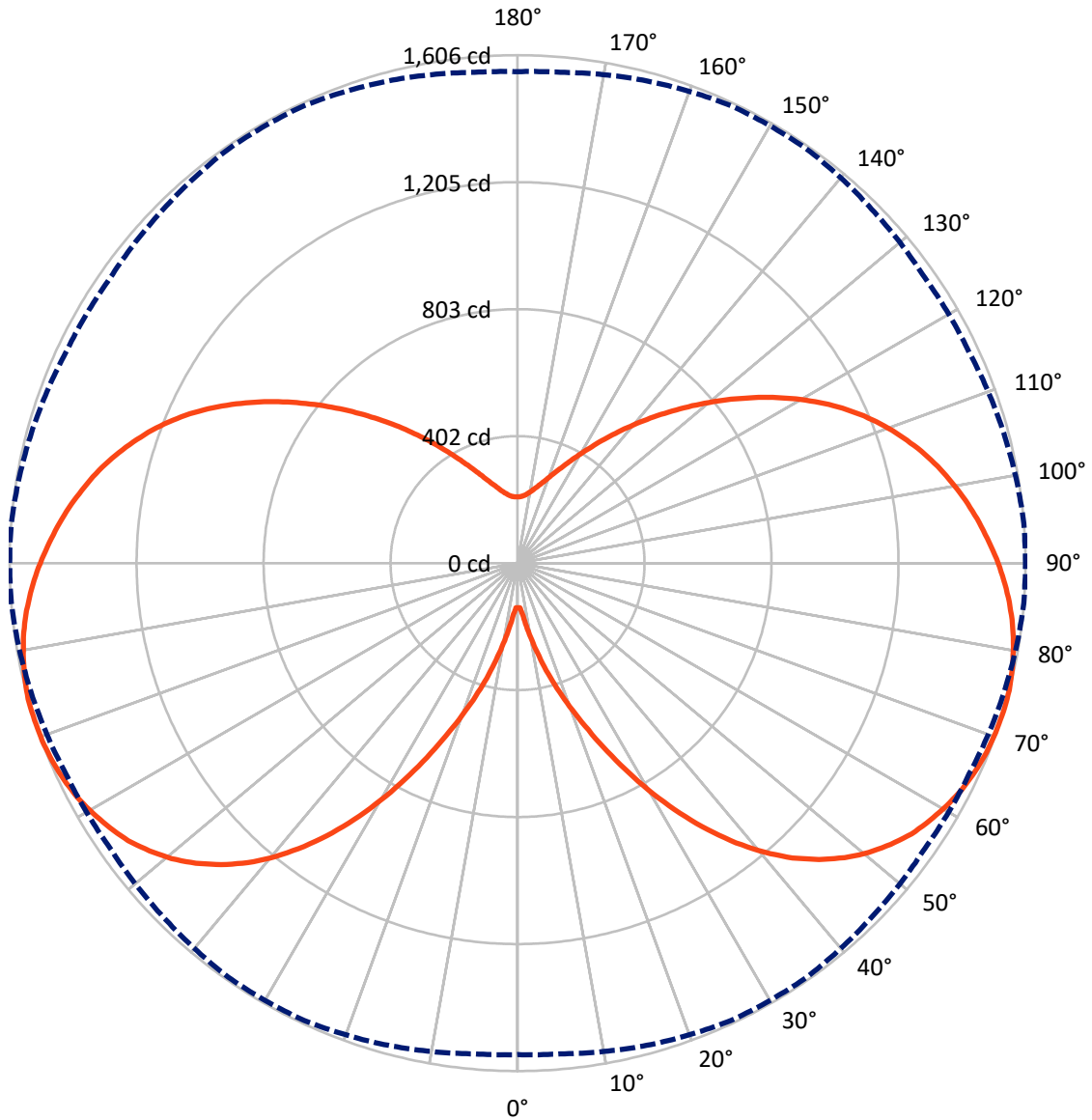
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.5 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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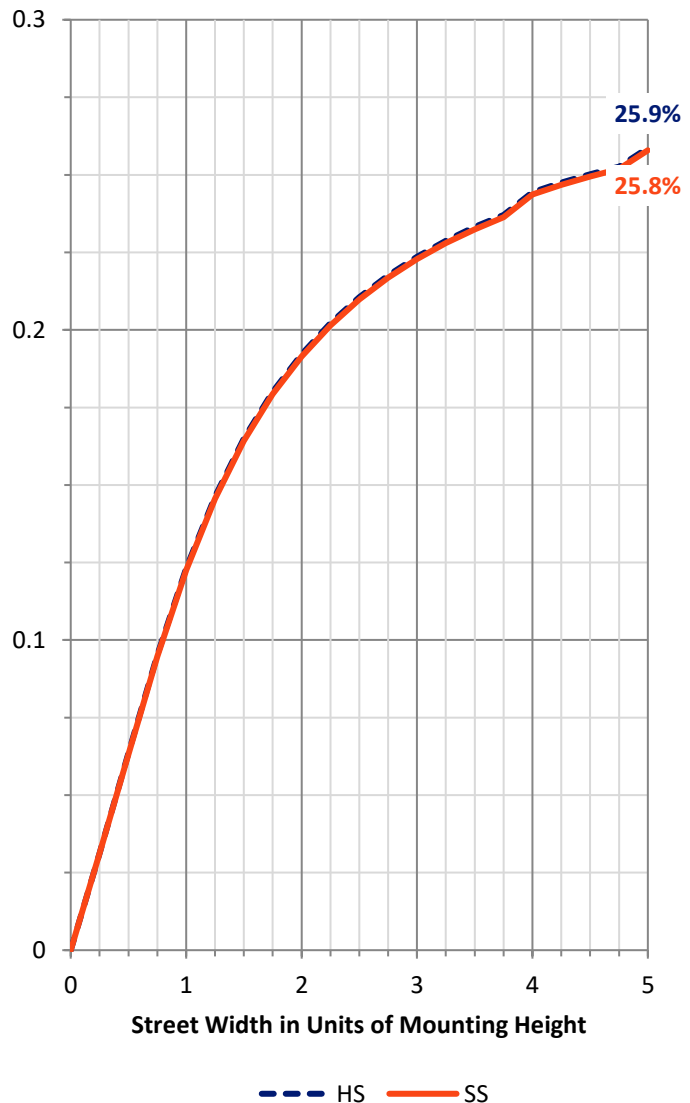
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4157.4	2939.8	7097.2
	% Fixture	29.3	20.7	50.0
Street Side	Lumens	4157.4	2939.8	7097.2
	% Fixture	29.3	20.7	50.0
Total	Lumens	8314.8	5879.6	14194.4
	% Fixture	58.6	41.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.2	0.1
10°-20°	106.5	0.8
20°-30°	307.7	2.2
30°-40°	640.0	4.5
40°-50°	1015.7	7.2
50°-60°	1333.3	9.4
60°-70°	1554.6	11.0
70°-80°	1669.8	11.8
80°-90°	1669.0	11.8
90°-100°	1562.3	11.0
100°-110°	1370.8	9.7
110°-120°	1102.4	7.8
120°-130°	791.8	5.6
130°-140°	508.9	3.6
140°-150°	295.3	2.1
150°-160°	155.1	1.1
160°-170°	72.2	0.5
170°-180°	20.8	0.1
0°-90°	8314.8	58.6
0°-180°	14194.4	100.0

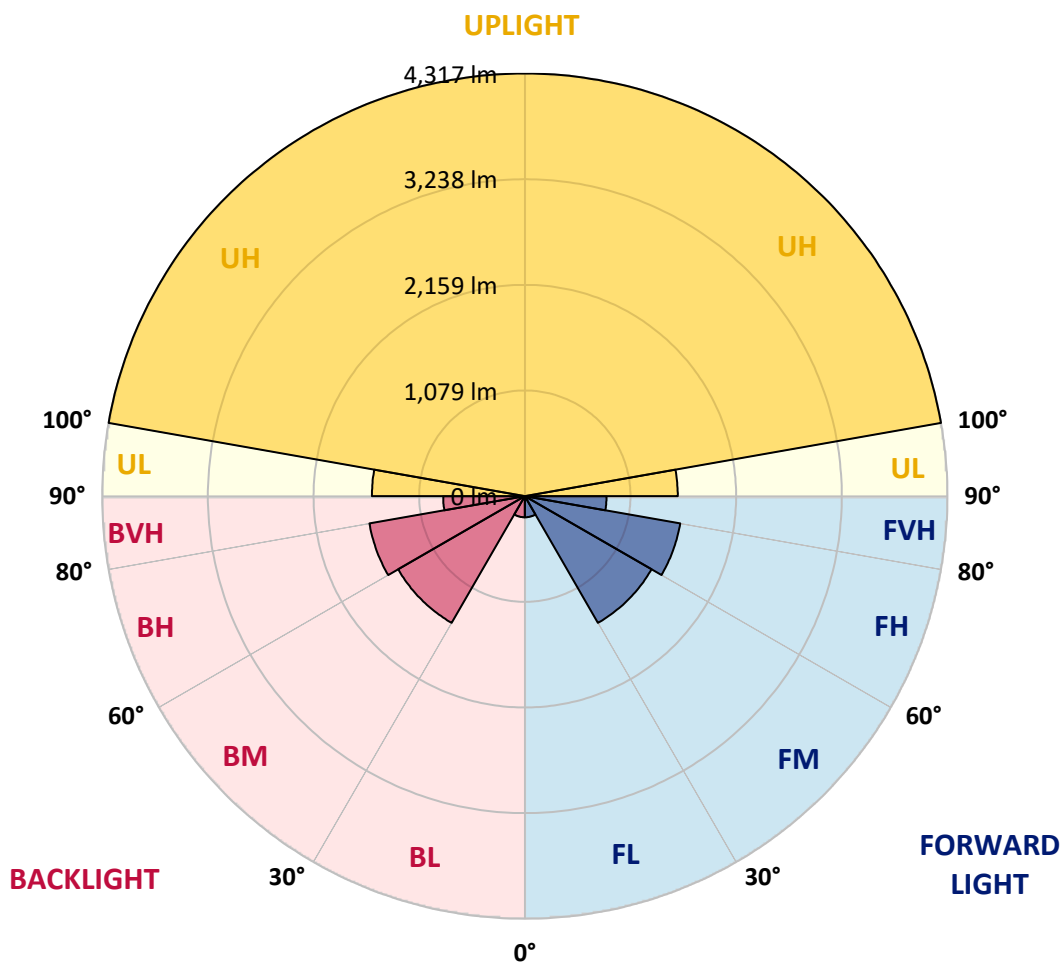


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	216.2	1.5			
FM (30°-60°)	1494.5	10.5			
FH (60°-80°)	1612.2	11.4			G1/1800
FVH (80°-90°)	834.5	5.9			G5
BL (0°-30°)	216.2	1.5	B1/500		
BM (30°-60°)	1494.5	10.5	B2/2500		
BH (60°-80°)	1612.2	11.4	B3/2500		G1/1800
BVH (80°-90°)	834.5	5.9			G5
UL (90°-100°)	1562.3	11.0		U5	
UH (100°-180°)	4317.3	30.4		U5	

BUG Rating: B3-U5-G5
 Type V Short





REPORT NUMBER: P856408

CATALOG NUMBER: FFX-CLB-90-750-U-VM9

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	140.7	140.7	140.7	140.7	140.7	140.7	140.7	140.7	140.7	140.7	140.7
2.5°	146.2	146.2	145.3	145.3	144.4	143.4	143.4	142.5	141.6	141.6	141.6
5°	162.6	161.7	161.7	161.7	161.7	160.8	161.7	160.8	160.8	160.8	161.7
7.5°	198.3	197.4	197.4	197.4	198.3	198.3	199.2	200.1	201.0	201.0	201.0
10°	244.9	243.9	243.9	243.0	244.9	244.9	245.8	243.9	246.7	246.7	247.6
12.5°	299.7	298.8	298.8	297.9	299.7	298.8	300.6	298.8	303.3	301.5	301.5
15°	359.1	359.1	358.2	357.2	360.0	360.0	361.8	361.8	364.6	362.7	363.6
17.5°	422.1	421.2	421.2	420.3	423.0	423.0	423.0	424.9	428.5	424.9	427.6
20°	489.7	488.8	488.8	487.9	490.6	490.6	492.5	493.4	497.0	494.3	496.1
22.5°	562.8	561.9	561.9	561.9	565.6	566.5	566.5	569.2	573.8	569.2	572.9
25°	644.1	643.2	643.2	646.0	648.7	649.6	651.4	655.1	659.7	655.1	659.7
27.5°	730.9	730.0	731.8	735.5	738.2	740.1	742.8	743.7	750.1	745.6	751.9
30°	820.5	819.6	821.4	826.0	829.6	835.1	835.1	837.8	847.0	840.6	847.0
32.5°	909.1	908.2	910.9	916.4	921.9	927.4	928.3	931.9	941.1	936.5	942.9
35°	996.8	995.9	999.6	1006.9	1012.3	1017.8	1019.7	1023.3	1033.4	1028.8	1035.2
37.5°	1080.0	1080.0	1083.6	1091.8	1098.2	1105.5	1104.6	1109.2	1118.3	1115.6	1122.0
40°	1157.6	1157.6	1162.2	1172.2	1179.5	1184.1	1183.2	1187.8	1197.8	1196.9	1202.4
42.5°	1228.0	1228.0	1234.4	1244.4	1251.7	1254.5	1254.5	1259.0	1270.0	1269.1	1274.6
45°	1287.4	1290.1	1297.4	1308.4	1314.8	1317.5	1315.7	1320.2	1332.1	1332.1	1336.7
47.5°	1342.2	1345.8	1353.1	1364.1	1368.7	1371.4	1369.6	1373.2	1385.1	1386.9	1391.5
50°	1389.7	1392.4	1401.6	1413.4	1418.0	1418.0	1415.3	1418.9	1431.7	1435.4	1439.0
52.5°	1430.8	1433.5	1443.6	1456.4	1459.1	1458.2	1454.6	1458.2	1471.0	1474.7	1477.4
55°	1463.7	1466.4	1478.3	1491.1	1493.8	1491.1	1485.6	1490.2	1502.1	1507.5	1512.1
57.5°	1490.2	1492.9	1506.6	1519.4	1522.2	1516.7	1510.3	1514.9	1528.6	1535.0	1536.8
60°	1512.1	1514.9	1529.5	1543.2	1545.0	1538.6	1531.3	1535.9	1549.6	1556.9	1558.7
62.5°	1529.5	1532.2	1547.8	1563.3	1564.2	1556.0	1547.8	1552.3	1566.0	1574.2	1577.0
65°	1541.4	1544.1	1561.5	1577.0	1578.8	1568.8	1560.5	1565.1	1577.9	1588.0	1589.8
67.5°	1549.6	1552.3	1571.5	1588.0	1588.9	1577.9	1568.8	1572.4	1587.0	1597.1	1598.9
70°	1553.2	1556.0	1576.1	1593.4	1594.3	1582.5	1571.5	1576.1	1590.7	1602.6	1604.4
72.5°	1554.1	1557.8	1578.8	1596.2	1597.1	1583.4	1572.4	1576.1	1591.6	1605.3	1606.2
75°	1550.5	1555.1	1577.0	1595.3	1595.3	1579.7	1567.9	1571.5	1588.9	1603.5	1606.2
77.5°	1545.9	1548.7	1571.5	1589.8	1588.9	1572.4	1558.7	1564.2	1581.6	1598.0	1599.8
80°	1535.9	1539.5	1562.4	1579.7	1577.9	1559.6	1546.8	1552.3	1570.6	1588.0	1589.8
82.5°	1523.1	1526.7	1549.6	1565.1	1563.3	1544.1	1531.3	1537.7	1556.9	1575.2	1577.0
85°	1507.5	1511.2	1533.1	1547.8	1545.0	1525.8	1513.0	1518.5	1539.5	1557.8	1559.6
87.5°	1487.4	1491.1	1513.0	1525.8	1523.1	1503.0	1492.0	1499.3	1518.5	1537.7	1538.6
90°	1464.6	1469.2	1488.4	1500.2	1496.6	1478.3	1468.3	1475.6	1494.8	1513.0	1514.9
92.5°	1441.8	1443.6	1461.9	1471.9	1469.2	1452.7	1443.6	1451.8	1469.2	1487.4	1487.4
95°	1414.4	1417.1	1433.5	1441.8	1439.0	1425.3	1417.1	1426.2	1441.8	1459.1	1460.0
97.5°	1385.1	1387.9	1401.6	1409.8	1407.0	1395.2	1389.7	1398.8	1412.5	1429.0	1429.9
100°	1354.1	1355.9	1367.8	1375.1	1372.3	1363.2	1359.5	1368.7	1381.5	1397.0	1397.0
102.5°	1319.3	1321.2	1330.3	1334.9	1334.0	1326.6	1326.6	1336.7	1346.7	1361.4	1363.2
105°	1282.8	1284.6	1291.0	1293.8	1292.8	1290.1	1291.9	1302.0	1310.2	1323.0	1324.8
107.5°	1241.7	1243.5	1247.2	1248.1	1248.1	1248.1	1254.5	1263.6	1272.7	1281.9	1282.8
110°	1197.8	1198.7	1201.5	1200.6	1200.6	1202.4	1211.5	1221.6	1228.9	1238.0	1238.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1150.3	1151.2	1153.0	1149.4	1150.3	1154.0	1165.8	1176.8	1181.4	1190.5	1190.5
115°	1100.1	1099.1	1101.0	1096.4	1095.5	1101.9	1114.7	1127.5	1131.1	1137.5	1138.4
117.5°	1045.2	1046.1	1045.2	1039.8	1038.8	1048.0	1059.9	1071.7	1076.3	1083.6	1081.8
120°	988.6	987.7	988.6	982.2	981.3	991.3	1003.2	1015.1	1017.8	1024.2	1022.4
122.5°	931.0	930.1	929.2	922.8	922.8	931.0	945.6	957.5	955.7	963.0	962.1
125°	871.6	871.6	869.8	863.4	863.4	873.5	885.3	896.3	894.5	902.7	900.0
127.5°	813.2	813.2	811.3	805.9	805.9	815.0	826.0	836.9	834.2	841.5	838.7
130°	755.6	755.6	753.8	748.3	748.3	755.6	767.5	776.6	773.0	779.4	778.4
132.5°	700.8	699.9	699.0	693.5	694.4	701.7	710.8	719.1	715.4	722.7	720.0
135°	647.8	646.9	646.0	640.5	641.4	648.7	656.9	663.3	660.6	665.1	664.2
137.5°	597.5	596.6	595.7	591.1	592.1	597.5	605.8	611.2	607.6	614.0	611.2
140°	550.0	549.1	547.3	544.5	545.5	550.9	555.5	561.9	558.2	563.7	561.0
142.5°	504.3	504.3	502.5	499.8	500.7	506.2	509.8	514.4	510.7	515.3	513.5
145°	462.3	462.3	460.5	458.7	458.7	463.2	466.0	470.5	466.9	471.5	469.6
147.5°	423.9	423.9	422.1	420.3	420.3	424.9	426.7	430.3	426.7	430.3	428.5
150°	388.3	388.3	387.4	385.6	386.5	388.3	390.1	392.9	390.1	392.9	392.0
152.5°	357.2	357.2	356.3	355.4	354.5	357.2	358.2	360.9	358.2	360.9	359.1
155°	329.8	328.9	328.9	327.1	327.1	328.9	329.8	331.7	328.9	331.7	330.7
157.5°	305.2	305.2	304.3	303.3	303.3	304.3	305.2	306.1	304.3	307.0	305.2
160°	284.2	284.2	283.2	282.3	282.3	283.2	283.2	284.2	282.3	284.2	283.2
162.5°	265.9	265.9	265.0	265.0	264.0	265.0	265.9	265.9	265.0	265.9	265.0
165°	251.3	251.3	250.3	249.4	249.4	250.3	250.3	251.3	249.4	250.3	250.3
167.5°	237.6	237.6	237.6	236.6	235.7	236.6	236.6	236.6	235.7	236.6	236.6
170°	227.5	227.5	227.5	226.6	225.7	226.6	226.6	226.6	225.7	226.6	226.6
172.5°	219.3	219.3	219.3	218.4	218.4	218.4	218.4	218.4	218.4	218.4	218.4
175°	213.8	213.8	213.8	213.8	212.9	213.8	213.8	213.8	213.8	213.8	212.9
177.5°	211.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1
180°	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2

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

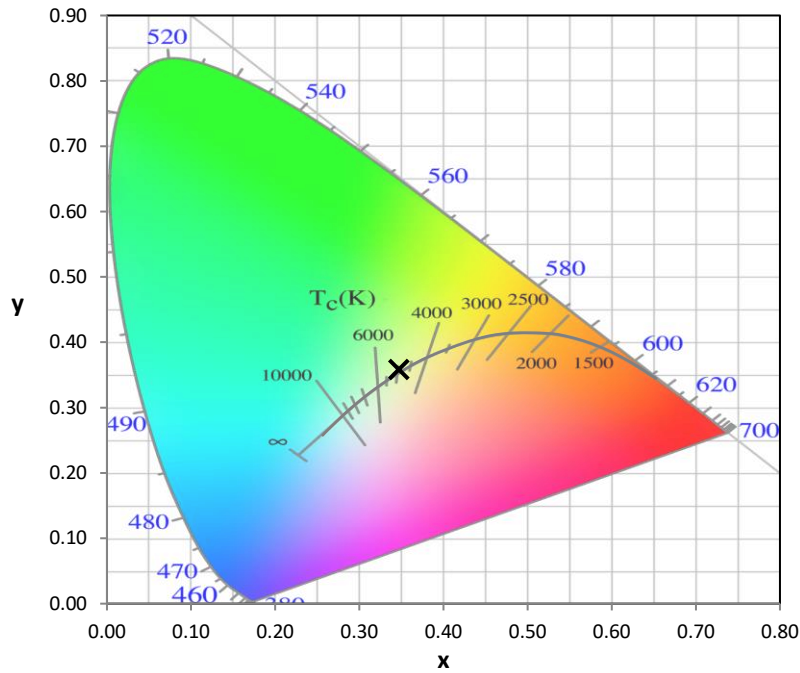
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

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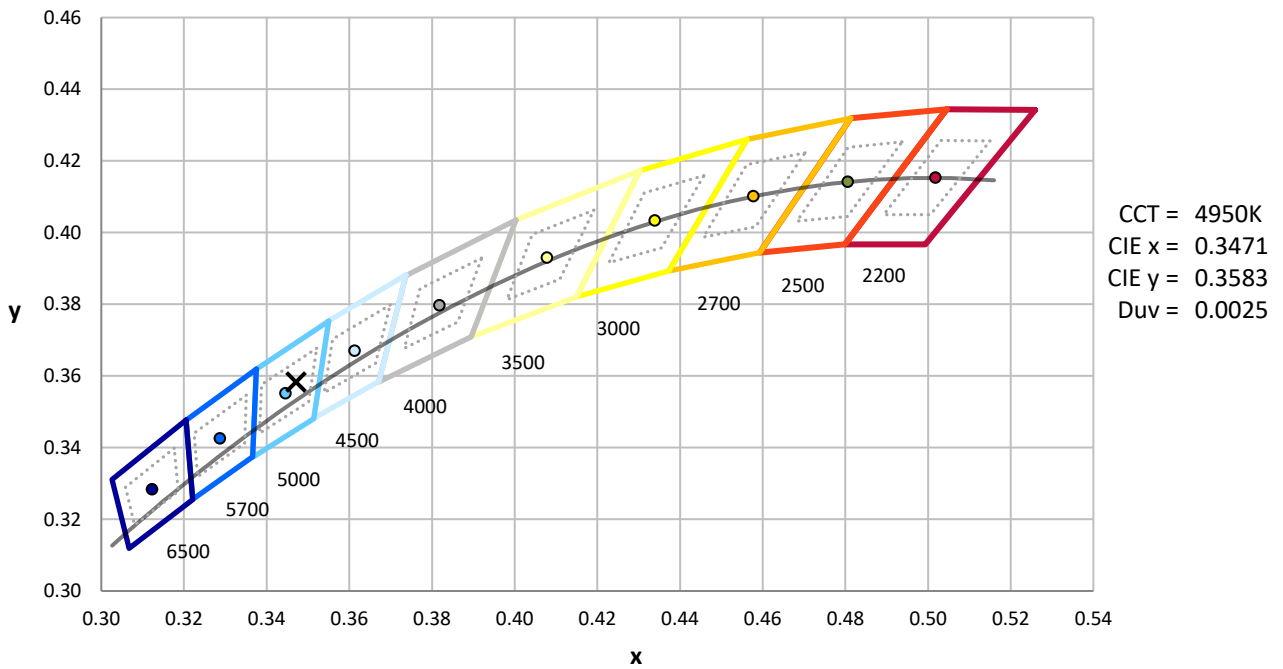
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



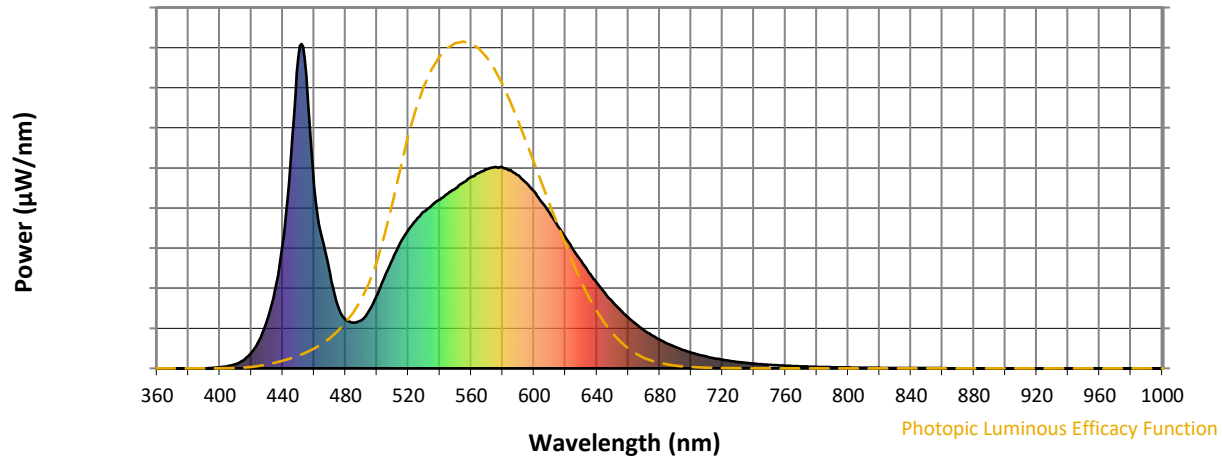
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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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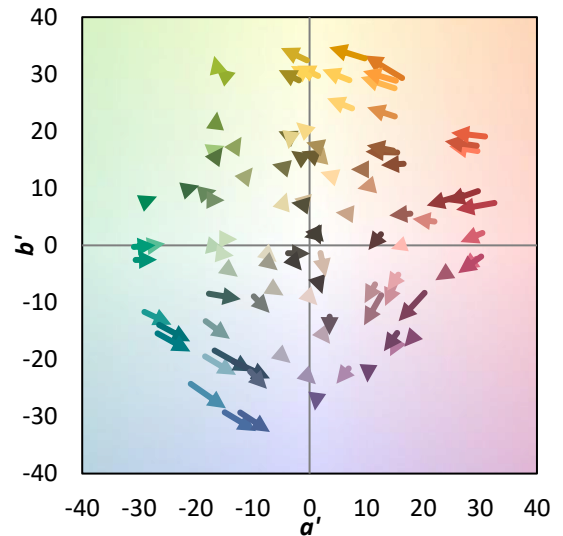
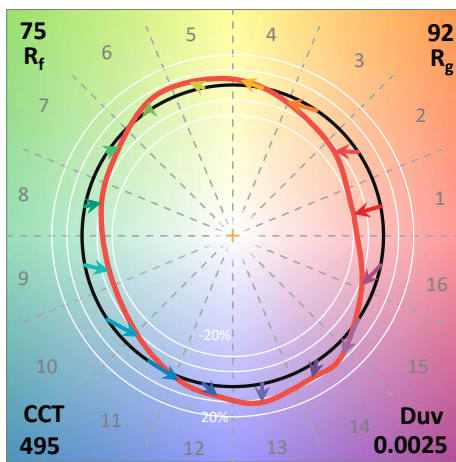
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Summary

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



Color Vector Graphics

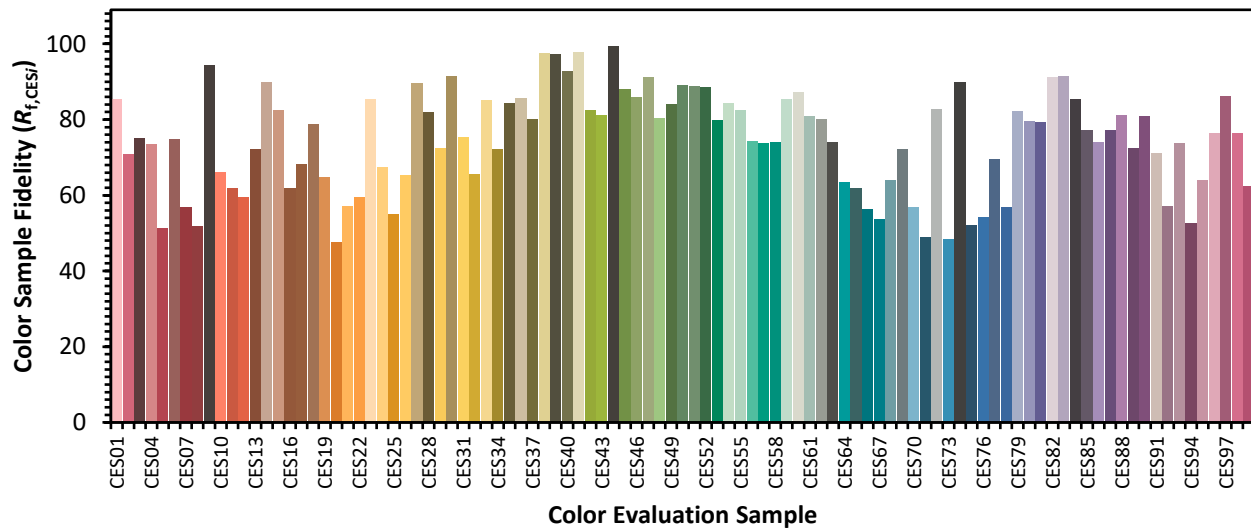


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Individual Sample Fidelity Index ($R_{f,i}$)

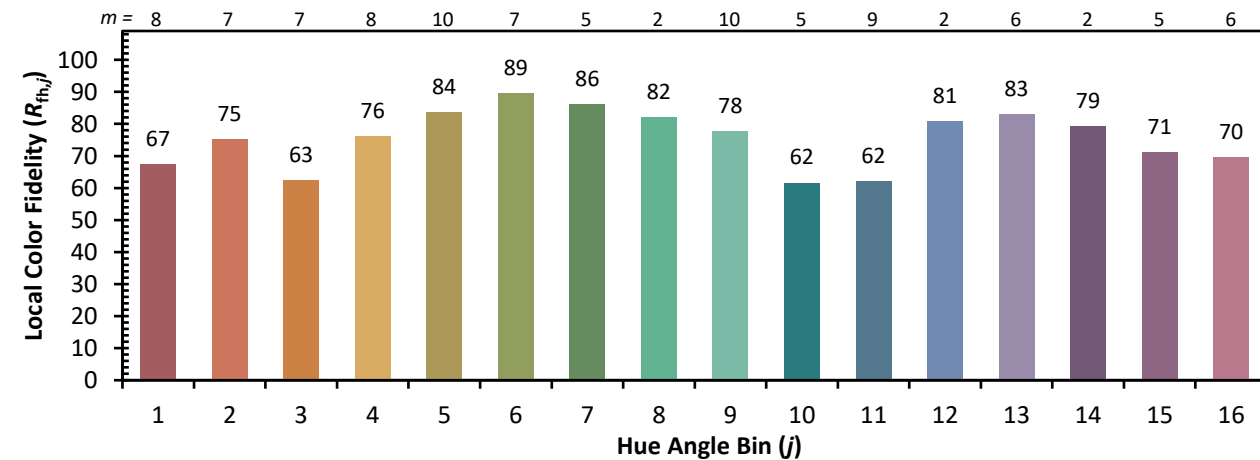
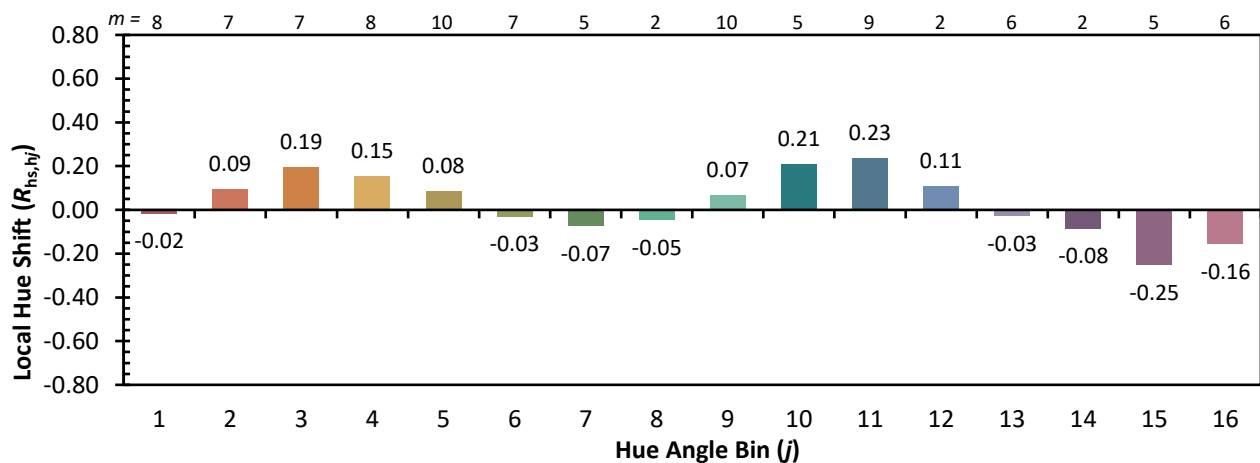
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 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



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