

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: P856086

Luminaire Tested: **FFX-CLB-70-740-U-FR-T5**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856086  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-70-740-U-FR-T5  
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS  
Light Source: (6) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

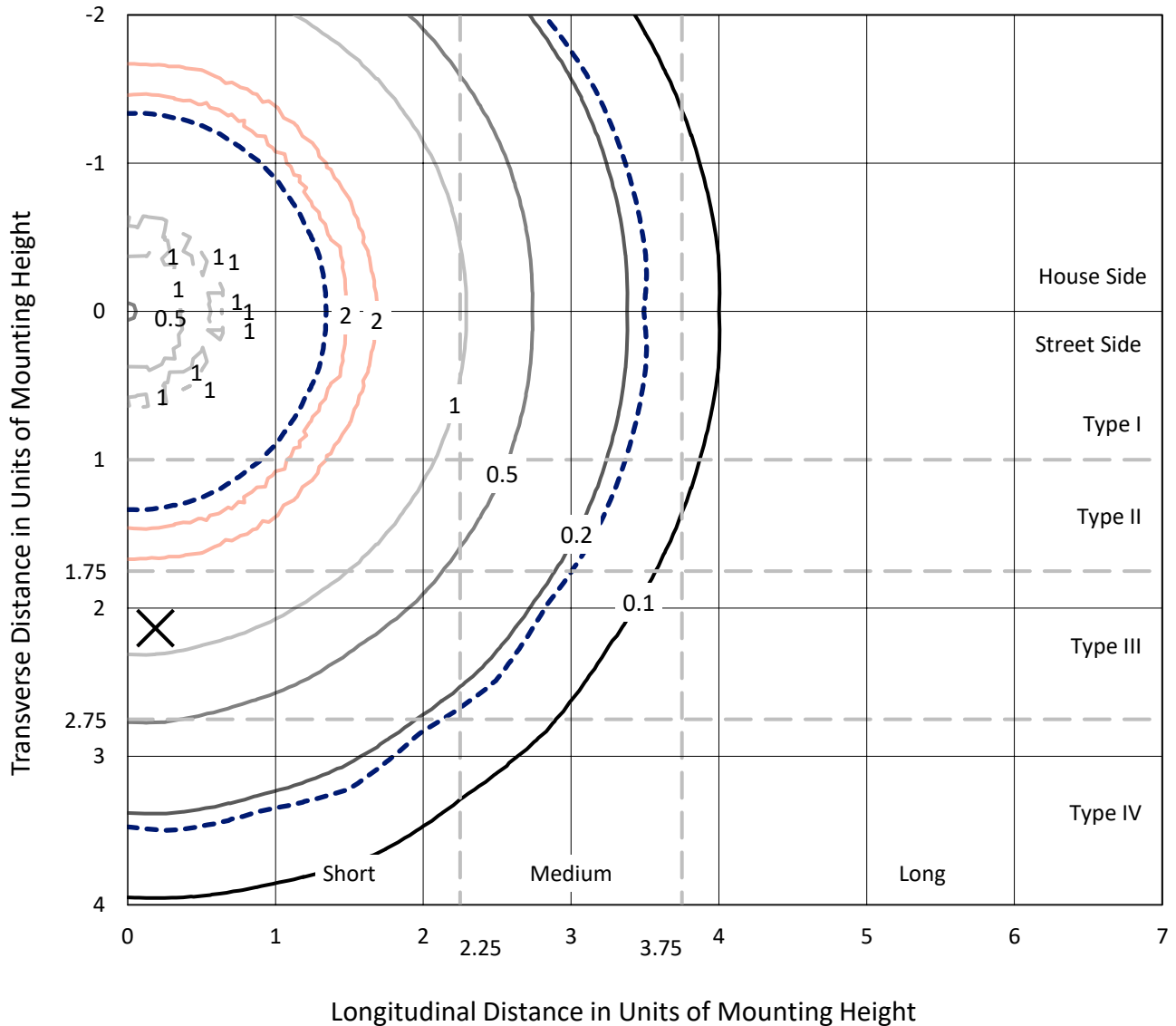
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11546.1 lumens  
Efficiency: N/A  
Efficacy: 164.2 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')  
IES Classification: Type V - Short  
BUG Rating: B4 - U5 - G3  
  
Input Watts (W): 70.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 7.1%%  
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

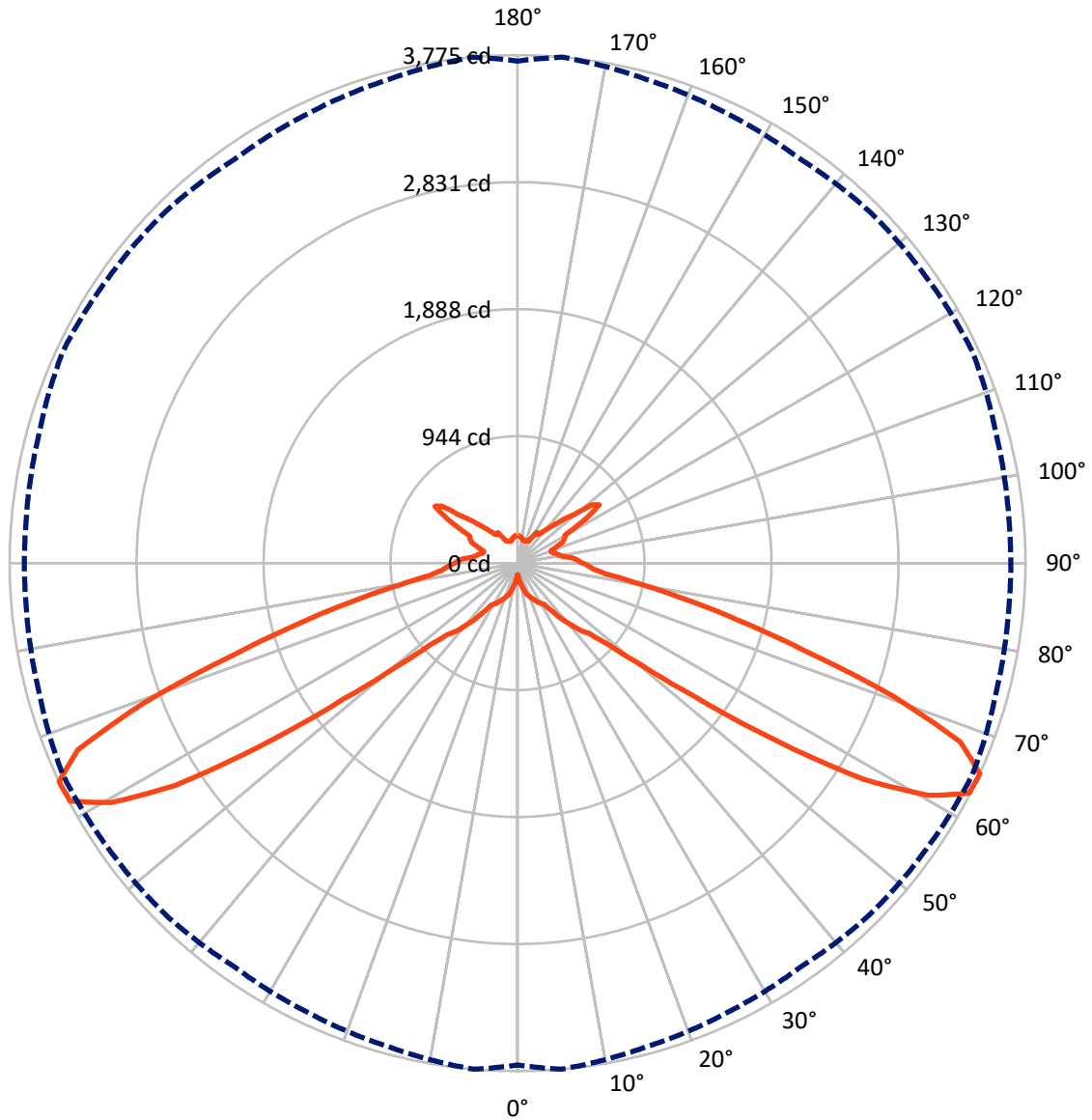
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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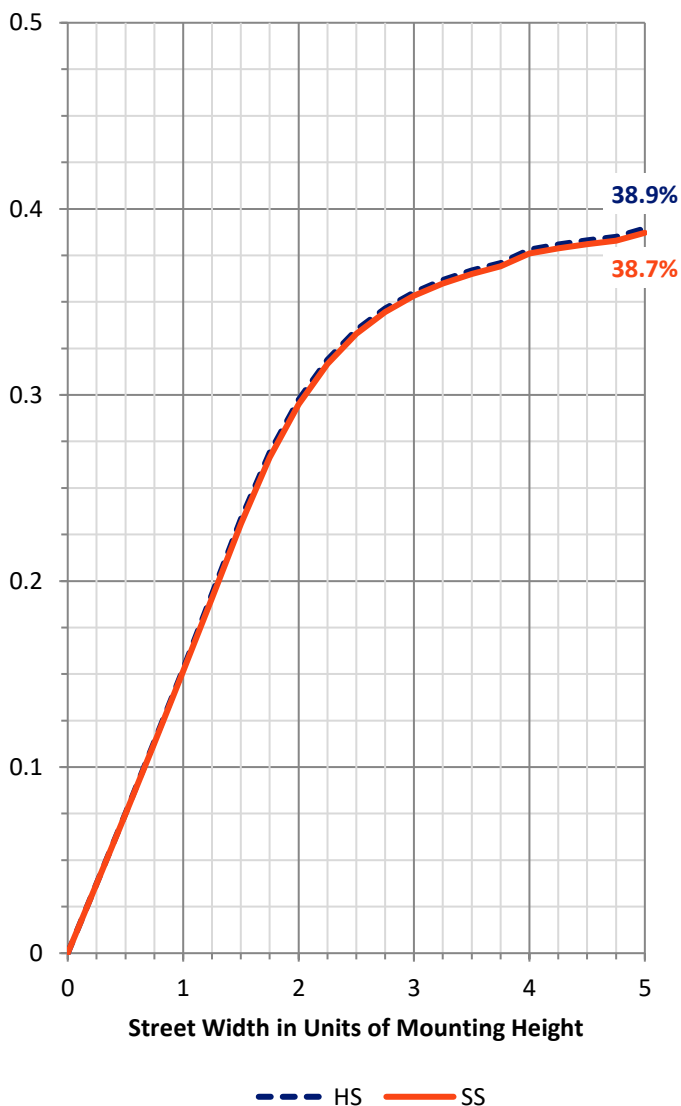
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4652.6	1120.5	5773.0
	% Fixture	40.3	9.7	50.0
<b>Street Side</b>	Lumens	4652.6	1120.5	5773.0
	% Fixture	40.3	9.7	50.0
<b>Total</b>	Lumens	9305.1	2240.9	11546.1
	% Fixture	80.6	19.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	13.1	0.1
10°-20°	65.9	0.6
20°-30°	143.3	1.2
30°-40°	284.3	2.5
40°-50°	616.6	5.3
50°-60°	2123.5	18.4
60°-70°	3487.6	30.2
70°-80°	1871.8	16.2
80°-90°	699.0	6.1
90°-100°	441.5	3.8
100°-110°	295.7	2.6
110°-120°	325.0	2.8
120°-130°	537.8	4.7
130°-140°	316.7	2.7
140°-150°	167.5	1.5
150°-160°	88.0	0.8
160°-170°	50.0	0.4
170°-180°	18.8	0.2
0°-90°	9305.1	80.6
0°-180°	11546.1	100.0



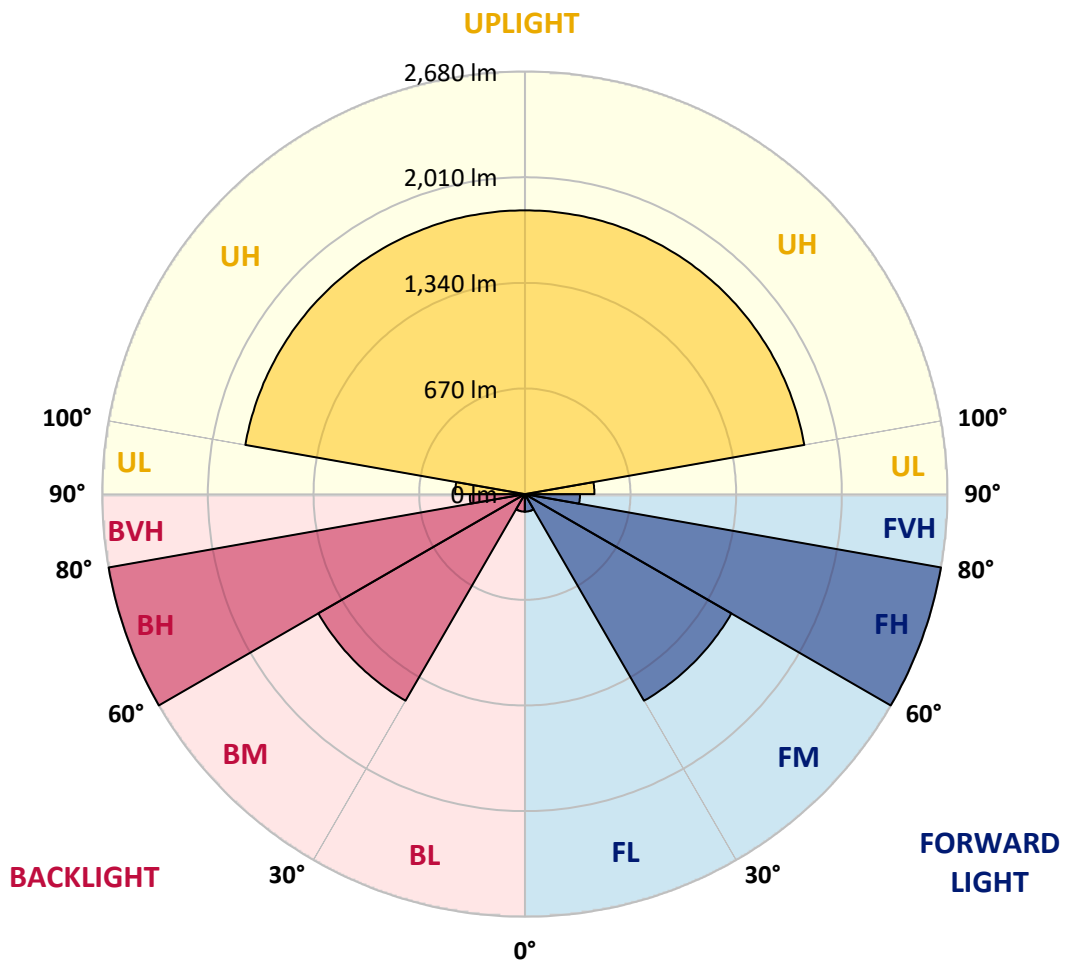
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	111.2	1.0			
FM (30°-60°)	1512.2	13.1			
FH (60°-80°)	2679.7	23.2			G2/5000
FVH (80°-90°)	349.5	3.0			G3/500
BL (0°-30°)	111.2	1.0	B1/500		
BM (30°-60°)	1512.2	13.1	B2/2500		
BH (60°-80°)	2679.7	23.2	B4/5000		G2/5000
BVH (80°-90°)	349.5	3.0			G3/500
UL (90°-100°)	441.5	3.8		U3/500	
UH (100°-180°)	1799.4	15.6		U5	

**BUG Rating: B4-U5-G3**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2.5°	90.6	90.6	89.4	88.3	89.4	90.6	90.6	91.8	89.4	89.4	90.6
5°	121.2	121.2	121.2	120.0	117.7	117.7	116.5	120.0	121.2	122.4	122.4
7.5°	150.6	149.5	151.8	153.0	147.1	144.8	144.8	145.9	148.3	150.6	153.0
10°	170.6	169.5	170.6	175.3	174.2	170.6	170.6	170.6	174.2	180.1	181.2
12.5°	201.2	201.2	203.6	207.1	208.3	204.8	202.4	202.4	207.1	208.3	207.1
15°	234.2	234.2	233.0	231.8	233.0	231.8	231.8	233.0	236.5	235.4	235.4
17.5°	251.8	250.7	249.5	250.7	250.7	249.5	250.7	253.0	251.8	255.4	256.6
20°	270.7	270.7	268.3	268.3	268.3	269.5	270.7	269.5	270.7	271.9	273.0
22.5°	288.3	288.3	287.1	286.0	287.1	288.3	289.5	287.1	287.1	289.5	289.5
25°	308.3	308.3	308.3	304.8	306.0	307.2	306.0	304.8	306.0	307.2	308.3
27.5°	330.7	330.7	328.3	324.8	326.0	326.0	327.2	324.8	327.2	327.2	327.2
30°	349.5	347.2	346.0	343.6	343.6	346.0	348.3	344.8	346.0	346.0	347.2
32.5°	367.2	367.2	366.0	361.3	360.1	367.2	369.5	368.4	363.6	364.8	366.0
35°	433.1	433.1	424.8	416.6	423.7	422.5	431.9	431.9	431.9	434.3	439.0
37.5°	515.5	519.0	531.9	550.8	550.8	523.7	509.6	508.4	527.2	543.7	542.5
40°	588.4	592.0	588.4	590.8	588.4	589.6	590.8	588.4	577.8	574.3	567.2
42.5°	679.0	680.2	657.9	632.0	634.3	647.3	662.6	663.7	641.4	630.8	628.4
45°	742.6	744.9	736.7	733.2	733.2	737.9	736.7	736.7	728.5	727.3	724.9
47.5°	897.9	893.2	876.7	870.9	877.9	874.4	896.8	890.9	881.5	881.5	889.7
50°	1191.0	1186.3	1187.4	1181.5	1200.4	1173.3	1200.4	1193.3	1179.2	1186.3	1192.1
52.5°	1669.9	1640.5	1644.0	1632.3	1665.2	1640.5	1685.2	1679.4	1633.5	1653.5	1654.6
55°	2359.6	2321.9	2319.6	2240.7	2301.9	2310.1	2366.6	2380.8	2291.3	2292.5	2298.4
57.5°	3043.3	3031.5	3069.2	3019.8	3063.3	3043.3	3042.1	3068.0	3016.2	3023.3	3042.1
60°	3496.4	3505.8	3548.2	3561.1	3576.4	3548.2	3490.5	3502.3	3498.8	3558.8	3563.5
62.5°	3738.8	3767.1	3736.5	3727.1	3714.1	3724.7	3717.6	3724.7	3703.5	3731.8	3732.9
65°	3730.6	3775.3	3720.0	3685.9	3664.7	3697.6	3707.1	3728.2	3683.5	3665.9	3665.9
67.5°	3494.0	3548.2	3461.1	3457.6	3405.8	3461.1	3445.8	3462.3	3427.0	3402.3	3378.7
70°	2906.8	2956.2	2851.5	2864.4	2775.0	2865.6	2842.1	2872.7	2844.4	2796.2	2767.9
72.5°	2190.1	2233.6	2156.0	2176.0	2117.1	2185.4	2148.9	2200.7	2183.0	2161.9	2138.3
75°	1657.0	1691.1	1695.8	1762.9	1692.3	1725.3	1659.3	1689.9	1719.4	1744.1	1718.2
77.5°	1219.2	1242.7	1313.4	1387.5	1318.1	1341.6	1275.7	1305.1	1332.2	1374.6	1355.7
80°	861.4	888.5	953.2	1008.6	957.9	979.1	936.8	953.2	974.4	1005.0	985.0
82.5°	670.8	661.4	659.0	644.9	629.6	682.6	693.2	702.6	682.6	674.3	664.9
85°	562.5	564.9	579.0	596.7	596.7	597.8	587.2	592.0	600.2	615.5	616.7
87.5°	516.6	523.7	563.7	577.8	571.9	574.3	564.9	567.2	573.1	581.4	579.0
90°	455.4	473.1	510.7	524.9	515.5	520.2	515.5	519.0	514.3	516.6	511.9
92.5°	444.8	443.7	455.4	454.3	448.4	462.5	462.5	464.9	459.0	455.4	453.1
95°	411.9	409.5	408.4	411.9	398.9	409.5	407.2	411.9	409.5	409.5	404.8
97.5°	344.8	344.8	342.5	346.0	337.8	342.5	336.6	340.1	338.9	340.1	336.6
100°	317.7	317.7	315.4	315.4	311.9	313.0	310.7	310.7	309.5	308.3	308.3
102.5°	298.9	301.3	297.7	298.9	294.2	294.2	291.9	293.0	291.9	291.9	290.7
105°	281.3	282.4	280.1	280.1	276.6	275.4	273.0	274.2	275.4	273.0	273.0
107.5°	263.6	264.8	263.6	263.6	260.1	257.7	254.2	254.2	255.4	256.6	256.6
110°	270.7	267.1	263.6	261.3	266.0	258.9	256.6	255.4	256.6	260.1	261.3



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 CATALOG NUMBER: FFX-CLB-70-740-U-FR-T5

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	323.6	321.3	321.3	310.7	322.5	315.4	310.7	302.4	306.0	308.3	308.3
115°	375.4	376.6	362.5	357.8	350.7	349.5	353.1	343.6	342.5	343.6	341.3
117.5°	421.3	396.6	343.6	329.5	326.0	323.6	321.3	318.9	316.6	330.7	315.4
120°	450.7	408.4	369.5	361.3	381.3	353.1	334.2	330.7	337.8	362.5	358.9
122.5°	639.0	602.5	574.3	524.9	574.3	546.1	553.1	540.2	533.1	519.0	521.3
125°	747.3	746.1	733.2	723.8	735.5	724.9	713.2	708.5	701.4	704.9	699.0
127.5°	694.3	704.9	688.5	707.3	664.9	676.7	674.3	682.6	675.5	677.9	668.4
130°	549.6	557.8	542.5	533.1	514.3	535.5	536.6	549.6	535.5	516.6	514.3
132.5°	480.2	486.0	462.5	450.7	437.8	456.6	464.9	471.9	462.5	442.5	437.8
135°	408.4	410.7	394.2	396.6	388.4	388.4	387.2	390.7	395.4	391.9	389.5
137.5°	350.7	356.6	350.7	357.8	350.7	344.8	335.4	338.9	349.5	357.8	356.6
140°	303.6	309.5	310.7	317.7	303.6	306.0	300.1	302.4	308.3	316.6	320.1
142.5°	269.5	274.2	263.6	257.7	253.0	267.1	277.7	278.9	271.9	262.4	266.0
145°	262.4	257.7	262.4	257.7	262.4	260.1	261.3	260.1	260.1	260.1	260.1
147.5°	266.0	270.7	270.7	270.7	263.6	264.8	266.0	267.1	267.1	271.9	270.7
150°	221.2	227.1	226.0	231.8	221.2	223.6	224.8	227.1	228.3	229.5	230.7
152.5°	187.1	188.3	191.8	194.2	193.0	191.8	190.6	190.6	193.0	195.4	196.5
155°	182.4	182.4	185.9	189.5	185.9	185.9	184.8	184.8	185.9	189.5	189.5
157.5°	175.3	176.5	176.5	178.9	176.5	177.7	176.5	176.5	177.7	178.9	180.1
160°	171.8	173.0	173.0	173.0	173.0	173.0	173.0	173.0	173.0	174.2	174.2
162.5°	171.8	171.8	171.8	170.6	170.6	171.8	171.8	171.8	171.8	170.6	171.8
165°	175.3	174.2	173.0	171.8	173.0	175.3	176.5	176.5	175.3	173.0	174.2
167.5°	182.4	182.4	181.2	180.1	181.2	182.4	183.6	183.6	182.4	181.2	181.2
170°	189.5	188.3	188.3	188.3	188.3	188.3	188.3	188.3	188.3	188.3	188.3
172.5°	194.2	194.2	195.4	194.2	195.4	195.4	194.2	194.2	194.2	194.2	195.4
175°	201.2	201.2	201.2	201.2	202.4	202.4	202.4	202.4	202.4	202.4	202.4
177.5°	205.9	205.9	205.9	205.9	205.9	205.9	205.9	205.9	205.9	205.9	205.9
180°	207.1	207.1	207.1	207.1	207.1	207.1	207.1	207.1	207.1	207.1	207.1



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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-1

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5.

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2406-133-1  
 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-100-740-U-FR-T5**  
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

**Spectral Parameters**

CCT (K): 3901  
 CIE u': 0.2273  
 CIE v': 0.5026  
 Duv: -0.0007  
 CIE x: 0.3844  
 CIE y: 0.3776  
 CIE z: 0.2380  
 Peak Wavelength (nm): 451  
 Dominant Wavelength (nm): 579  
 Purity: 28.6799  
 Rf: 76.2  
 Rg: 94.4

CRI (Ra):	74.5		
R1:	71.8	R9:	-23.4
R2:	81.9	R10:	56.6
R3:	89.3	R11:	68.4
R4:	72.6	R12:	46.6
R5:	71.3	R13:	73.7
R6:	74.0	R14:	93.9
R7:	81.5	R15:	65.1
R8:	53.3		



**Test Conditions**

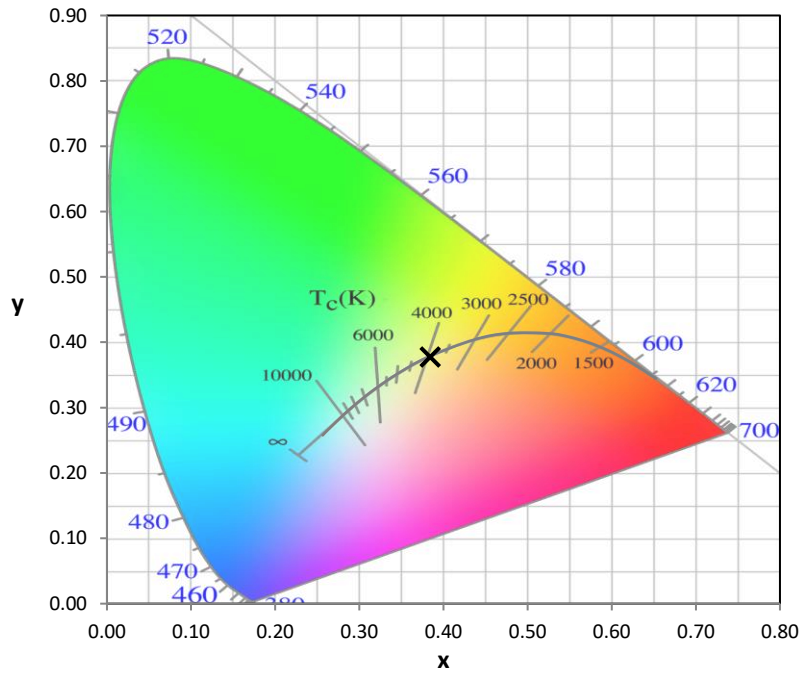
Stabilization Time: 0.818109M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.6

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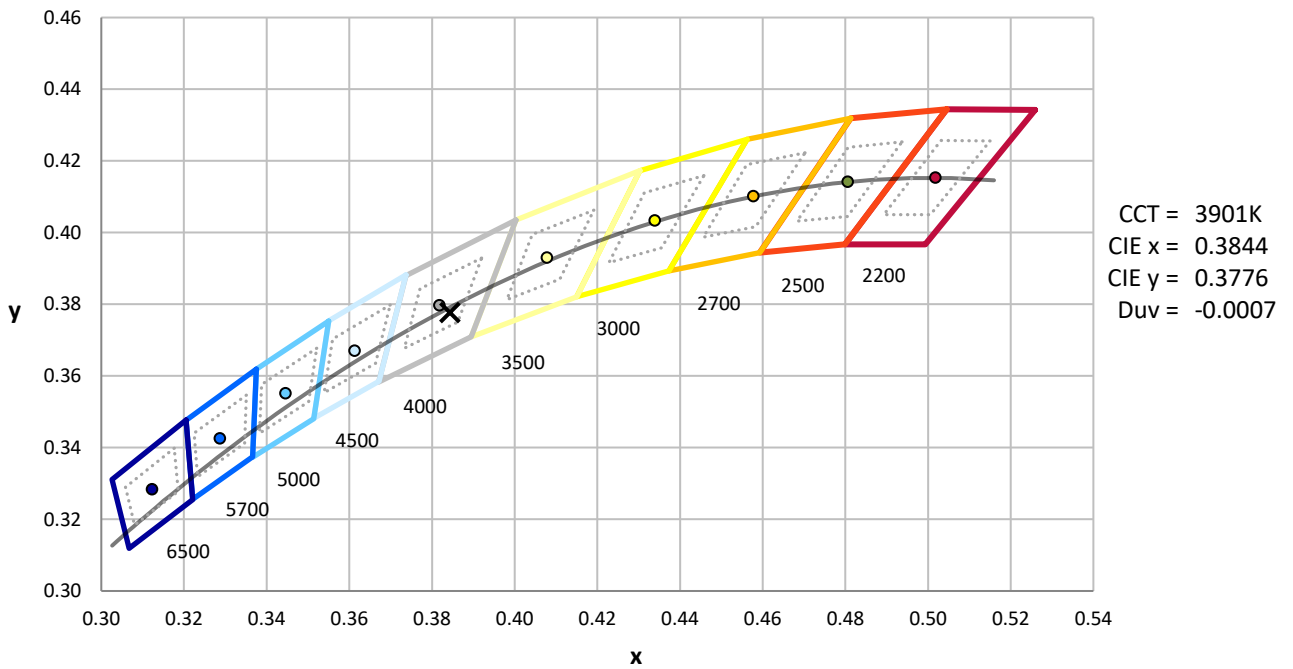
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 4000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.53

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.04

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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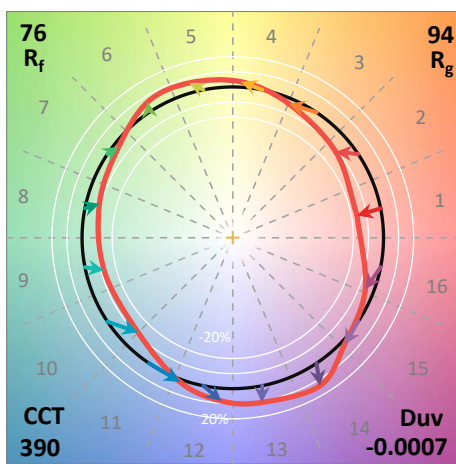
TM-30-18

**Summary**

$R_f = 76.2$   
 $R_g = 94.4$   
 CIE  $R_a = 74.5$   
 $R_g = -23.4$



**Color Vector Graphics**



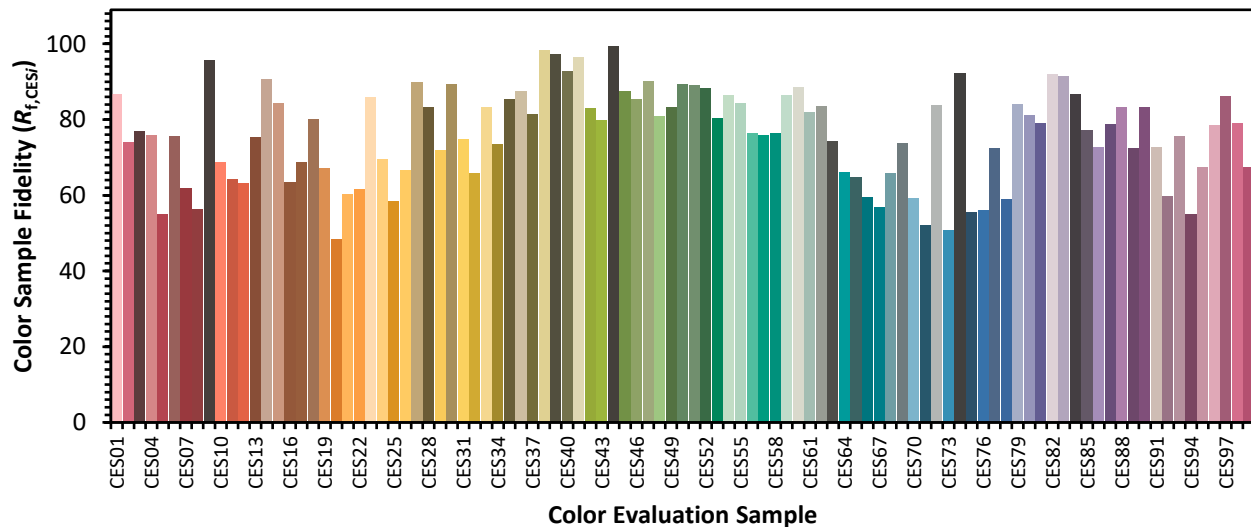


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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

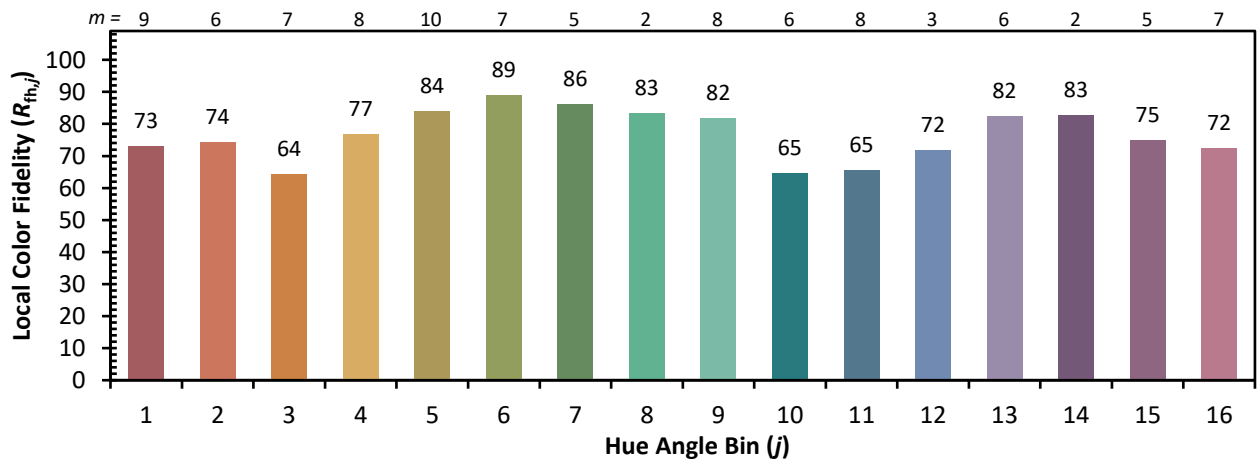
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CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 92
CES08 = 39	CES33 = 83	CES58 = 76	CES83 = 92
CES09 = 29	CES34 = 74	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 85	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 73
CES12 = 63	CES37 = 81	CES62 = 84	CES87 = 79
CES13 = 42	CES38 = 98	CES63 = 74	CES88 = 83
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 72
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 83
CES16 = 46	CES41 = 96	CES66 = 59	CES91 = 73
CES17 = 49	CES42 = 83	CES67 = 57	CES92 = 60
CES18 = 56	CES43 = 80	CES68 = 66	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 74	CES94 = 55
CES20 = 65	CES45 = 87	CES70 = 59	CES95 = 67
CES21 = 86	CES46 = 85	CES71 = 52	CES96 = 78
CES22 = 78	CES47 = 90	CES72 = 84	CES97 = 86
CES23 = 92	CES48 = 81	CES73 = 51	CES98 = 79
CES24 = 91	CES49 = 83	CES74 = 92	CES99 = 68
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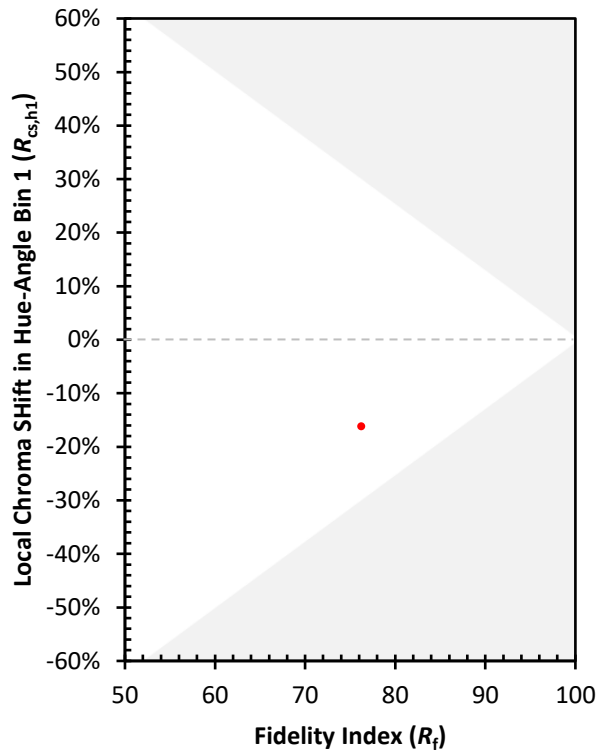
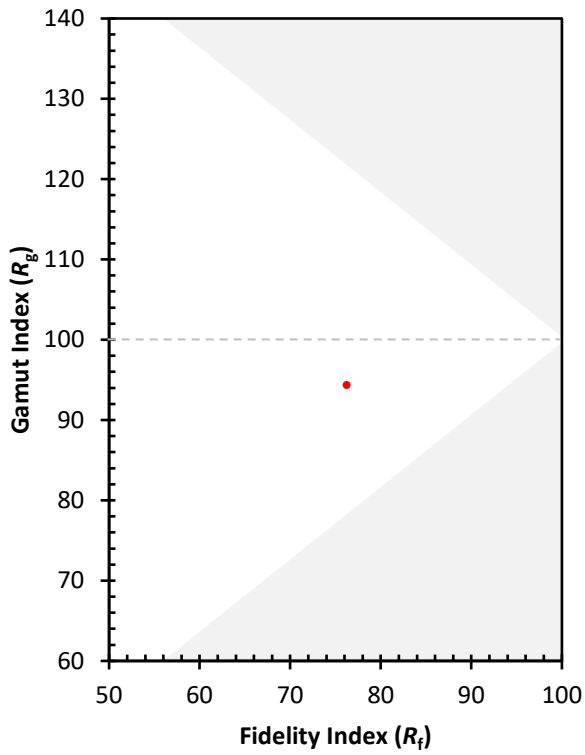
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)