

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: P856074

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

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856074  
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-FR-T5  
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS  
Light Source: (6) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

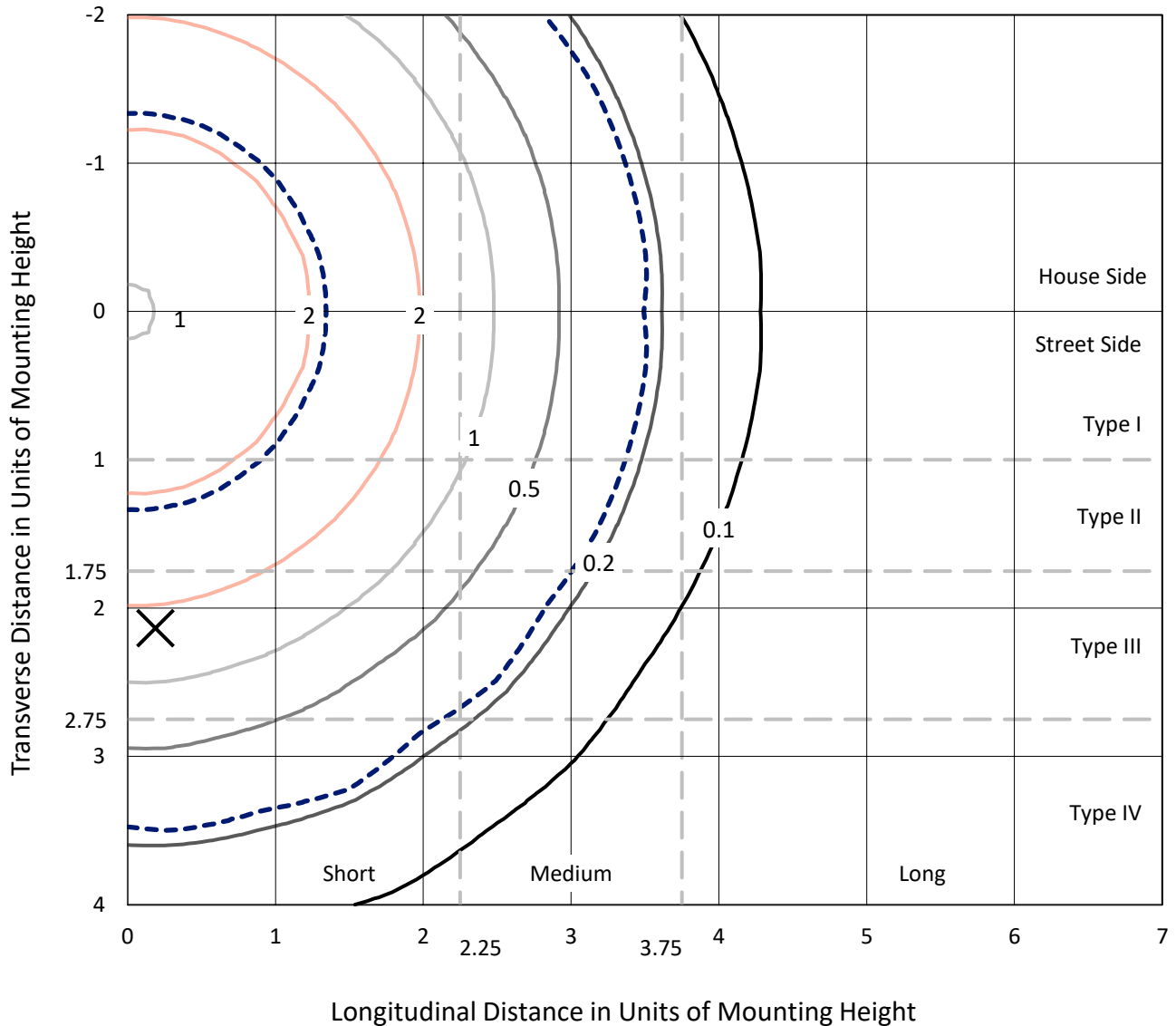
Lumens per Lamp: N/A  
Luminaire Lumens: 15223.8 lumens  
Efficiency: N/A  
Efficacy: 157.9 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')  
IES Classification: Type V - Short  
BUG Rating: B4 - U5 - G3

Input Watts (W): 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

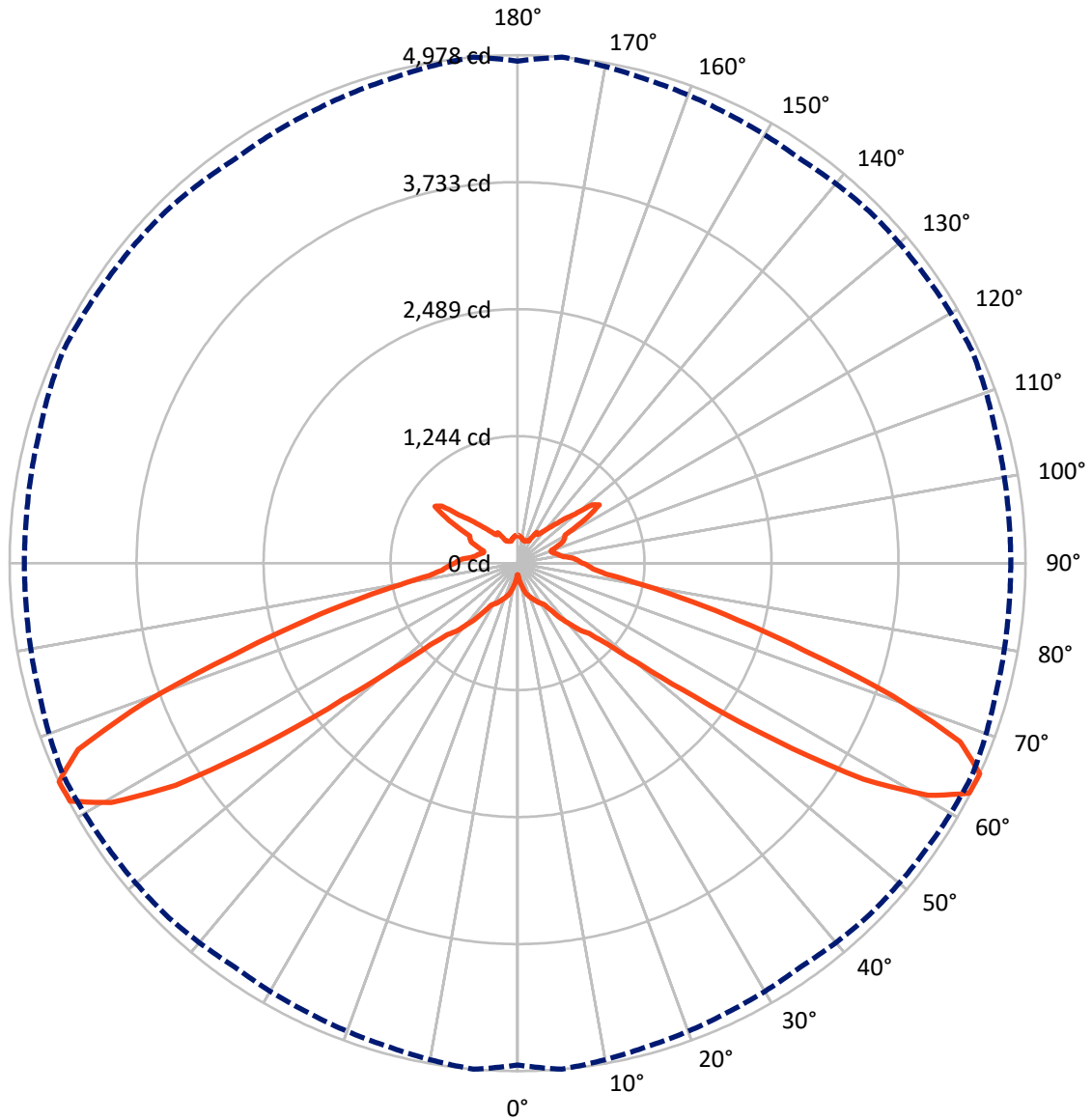
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.8 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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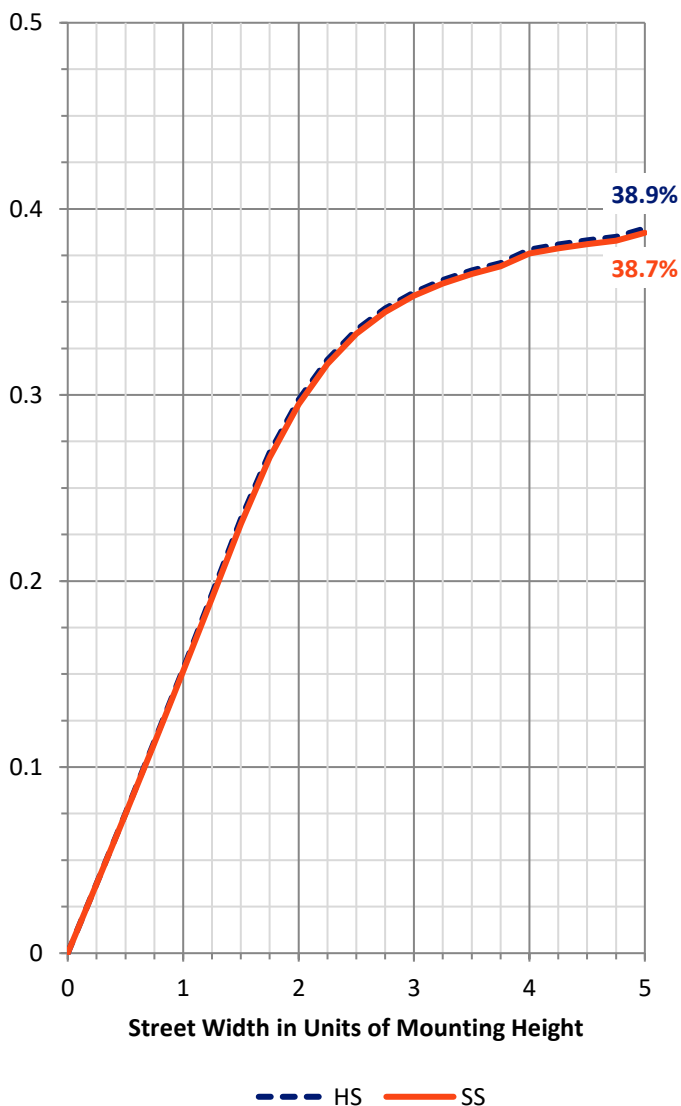
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6134.5	1477.4	7611.9
	% Fixture	40.3	9.7	50.0
<b>Street Side</b>	Lumens	6134.5	1477.4	7611.9
	% Fixture	40.3	9.7	50.0
<b>Total</b>	Lumens	12269.1	2954.7	15223.8
	% Fixture	80.6	19.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	17.3	0.1
10°-20°	87.0	0.6
20°-30°	188.9	1.2
30°-40°	374.9	2.5
40°-50°	813.0	5.3
50°-60°	2799.9	18.4
60°-70°	4598.5	30.2
70°-80°	2468.1	16.2
80°-90°	921.7	6.1
90°-100°	582.1	3.8
100°-110°	389.8	2.6
110°-120°	428.5	2.8
120°-130°	709.1	4.7
130°-140°	417.6	2.7
140°-150°	220.9	1.5
150°-160°	116.0	0.8
160°-170°	65.9	0.4
170°-180°	24.8	0.2
0°-90°	12269.1	80.6
0°-180°	15223.8	100.0



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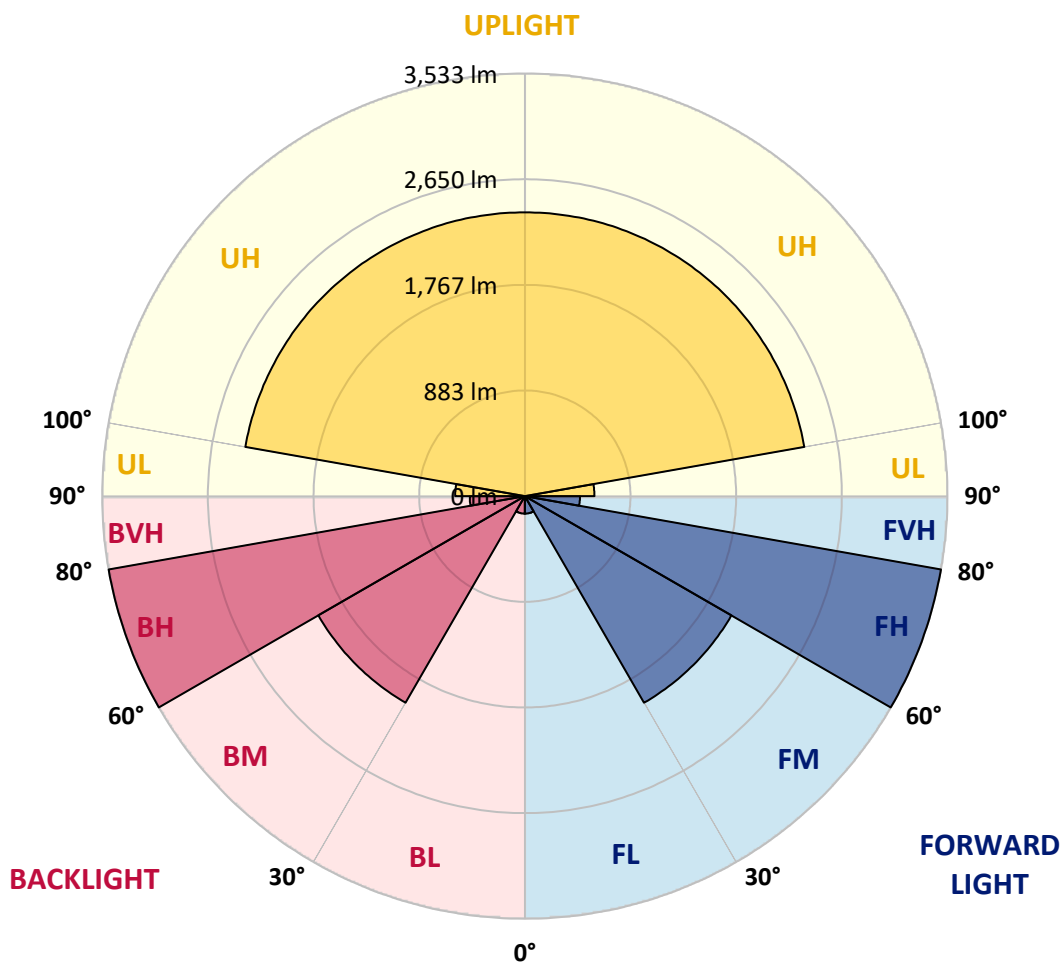
CATALOG NUMBER: FFX-CLB-100-730-U-FR-T5

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	146.6	1.0			
FM (30°-60°)	1993.9	13.1			
FH (60°-80°)	3533.3	23.2			G2/5000
FVH (80°-90°)	460.8	3.0			G3/500
BL (0°-30°)	146.6	1.0	B1/500		
BM (30°-60°)	1993.9	13.1	B2/2500		
BH (60°-80°)	3533.3	23.2	B4/5000		G2/5000
BVH (80°-90°)	460.8	3.0			G3/500
UL (90°-100°)	582.1	3.8		U4/1000	
UH (100°-180°)	2372.6	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°	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3
2.5°	119.5	119.5	117.9	116.4	117.9	119.5	119.5	121.0	117.9	117.9	119.5
5°	159.8	159.8	159.8	158.3	155.2	155.2	153.6	158.3	159.8	161.4	161.4
7.5°	198.6	197.1	200.2	201.7	194.0	190.9	190.9	192.4	195.5	198.6	201.7
10°	225.0	223.4	225.0	231.2	229.7	225.0	225.0	225.0	229.7	237.4	239.0
12.5°	265.3	265.3	268.4	273.1	274.7	270.0	266.9	266.9	273.1	274.7	273.1
15°	308.8	308.8	307.2	305.7	307.2	305.7	305.7	307.2	311.9	310.3	310.3
17.5°	332.1	330.5	329.0	330.5	330.5	329.0	330.5	333.6	332.1	336.7	338.3
20°	356.9	356.9	353.8	353.8	353.8	355.3	356.9	355.3	356.9	358.4	360.0
22.5°	380.2	380.2	378.6	377.1	378.6	380.2	381.7	378.6	378.6	381.7	381.7
25°	406.5	406.5	406.5	401.9	403.4	405.0	403.4	401.9	403.4	405.0	406.5
27.5°	436.0	436.0	432.9	428.3	429.8	429.8	431.4	428.3	431.4	431.4	431.4
30°	460.9	457.8	456.2	453.1	453.1	456.2	459.3	454.6	456.2	456.2	457.8
32.5°	484.1	484.1	482.6	476.4	474.8	484.1	487.2	485.7	479.5	481.0	482.6
35°	571.0	571.0	560.2	549.3	558.6	557.1	569.5	569.5	569.5	572.6	578.8
37.5°	679.6	684.3	701.4	726.2	726.2	690.5	671.9	670.3	695.2	716.9	715.3
40°	775.9	780.5	775.9	779.0	775.9	777.4	779.0	775.9	761.9	757.2	747.9
42.5°	895.3	896.9	867.4	833.3	836.4	853.4	873.6	875.2	845.7	831.7	828.6
45°	979.1	982.2	971.4	966.7	966.7	972.9	971.4	971.4	960.5	959.0	955.8
47.5°	1183.9	1177.7	1156.0	1148.3	1157.6	1152.9	1182.4	1174.6	1162.2	1162.2	1173.1
50°	1570.3	1564.1	1565.7	1557.9	1582.7	1547.0	1582.7	1573.4	1554.8	1564.1	1571.9
52.5°	2201.9	2163.1	2167.7	2152.2	2195.7	2163.1	2222.0	2214.3	2153.8	2180.1	2181.7
55°	3111.2	3061.5	3058.4	2954.4	3035.1	3046.0	3120.5	3139.1	3021.2	3022.7	3030.5
57.5°	4012.7	3997.2	4046.8	3981.7	4039.1	4012.7	4011.1	4045.3	3977.0	3986.3	4011.1
60°	4610.1	4622.5	4678.4	4695.4	4715.6	4678.4	4602.3	4617.9	4613.2	4692.3	4698.5
62.5°	4929.8	4967.0	4926.6	4914.2	4897.2	4911.1	4901.8	4911.1	4883.2	4920.4	4922.0
65°	4918.9	4977.9	4904.9	4859.9	4832.0	4875.4	4887.9	4915.8	4856.8	4833.5	4833.5
67.5°	4607.0	4678.4	4563.6	4558.9	4490.6	4563.6	4543.4	4565.1	4518.6	4486.0	4454.9
70°	3832.7	3897.9	3759.8	3776.8	3658.9	3778.4	3747.4	3787.7	3750.5	3686.8	3649.6
72.5°	2887.7	2945.1	2842.7	2869.1	2791.5	2881.5	2833.4	2901.7	2878.4	2850.5	2819.4
75°	2184.8	2229.8	2236.0	2324.4	2231.3	2274.8	2187.9	2228.2	2267.0	2299.6	2265.5
77.5°	1607.6	1638.6	1731.7	1829.5	1737.9	1768.9	1682.0	1720.8	1756.5	1812.4	1787.6
80°	1135.8	1171.5	1256.9	1329.8	1263.1	1291.0	1235.2	1256.9	1284.8	1325.2	1298.8
82.5°	884.5	872.1	869.0	850.3	830.2	900.0	914.0	926.4	900.0	889.1	876.7
85°	741.7	744.8	763.4	786.7	786.7	788.3	774.3	780.5	791.4	811.5	813.1
87.5°	681.2	690.5	743.3	761.9	754.1	757.2	744.8	747.9	755.7	766.5	763.4
90°	600.5	623.8	673.4	692.1	679.6	685.9	679.6	684.3	678.1	681.2	675.0
92.5°	586.5	585.0	600.5	599.0	591.2	609.8	609.8	612.9	605.2	600.5	597.4
95°	543.1	540.0	538.4	543.1	526.0	540.0	536.9	543.1	540.0	540.0	533.8
97.5°	454.6	454.6	451.5	456.2	445.3	451.5	443.8	448.4	446.9	448.4	443.8
100°	419.0	419.0	415.9	415.9	411.2	412.8	409.6	409.6	408.1	406.5	406.5
102.5°	394.1	397.2	392.6	394.1	387.9	387.9	384.8	386.4	384.8	384.8	383.3
105°	370.9	372.4	369.3	369.3	364.6	363.1	360.0	361.5	363.1	360.0	360.0
107.5°	347.6	349.1	347.6	347.6	342.9	339.8	335.2	335.2	336.7	338.3	338.3
110°	356.9	352.2	347.6	344.5	350.7	341.4	338.3	336.7	338.3	342.9	344.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	426.7	423.6	423.6	409.6	425.2	415.9	409.6	398.8	403.4	406.5	406.5
115°	495.0	496.5	477.9	471.7	462.4	460.9	465.5	453.1	451.5	453.1	450.0
117.5°	555.5	522.9	453.1	434.5	429.8	426.7	423.6	420.5	417.4	436.0	415.9
120°	594.3	538.4	487.2	476.4	502.8	465.5	440.7	436.0	445.3	477.9	473.3
122.5°	842.6	794.5	757.2	692.1	757.2	720.0	729.3	712.2	702.9	684.3	687.4
125°	985.3	983.8	966.7	954.3	969.8	955.8	940.3	934.1	924.8	929.5	921.7
127.5°	915.5	929.5	907.7	932.6	876.7	892.2	889.1	900.0	890.7	893.8	881.4
130°	724.6	735.5	715.3	702.9	678.1	706.0	707.6	724.6	706.0	681.2	678.1
132.5°	633.1	640.9	609.8	594.3	577.2	602.1	612.9	622.2	609.8	583.4	577.2
135°	538.4	541.5	519.8	522.9	512.1	512.1	510.5	515.2	521.4	516.7	513.6
137.5°	462.4	470.2	462.4	471.7	462.4	454.6	442.2	446.9	460.9	471.7	470.2
140°	400.3	408.1	409.6	419.0	400.3	403.4	395.7	398.8	406.5	417.4	422.1
142.5°	355.3	361.5	347.6	339.8	333.6	352.2	366.2	367.8	358.4	346.0	350.7
145°	346.0	339.8	346.0	339.8	346.0	342.9	344.5	342.9	342.9	342.9	342.9
147.5°	350.7	356.9	356.9	356.9	347.6	349.1	350.7	352.2	352.2	358.4	356.9
150°	291.7	299.5	297.9	305.7	291.7	294.8	296.4	299.5	301.0	302.6	304.1
152.5°	246.7	248.3	252.9	256.0	254.5	252.9	251.4	251.4	254.5	257.6	259.1
155°	240.5	240.5	245.2	249.8	245.2	245.2	243.6	243.6	245.2	249.8	249.8
157.5°	231.2	232.8	232.8	235.9	232.8	234.3	232.8	232.8	234.3	235.9	237.4
160°	226.5	228.1	228.1	228.1	228.1	228.1	228.1	228.1	228.1	229.7	229.7
162.5°	226.5	226.5	226.5	225.0	225.0	226.5	226.5	226.5	226.5	225.0	226.5
165°	231.2	229.7	228.1	226.5	228.1	231.2	232.8	232.8	231.2	228.1	229.7
167.5°	240.5	240.5	239.0	237.4	239.0	240.5	242.1	242.1	240.5	239.0	239.0
170°	249.8	248.3	248.3	248.3	248.3	248.3	248.3	248.3	248.3	248.3	248.3
172.5°	256.0	256.0	257.6	256.0	257.6	257.6	256.0	256.0	256.0	256.0	257.6
175°	265.3	265.3	265.3	265.3	266.9	266.9	266.9	266.9	266.9	266.9	266.9
177.5°	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5	271.5
180°	273.1	273.1	273.1	273.1	273.1	273.1	273.1	273.1	273.1	273.1	273.1



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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-4

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



**Test Conditions**

Stabilization Time: 0.794393M  
 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



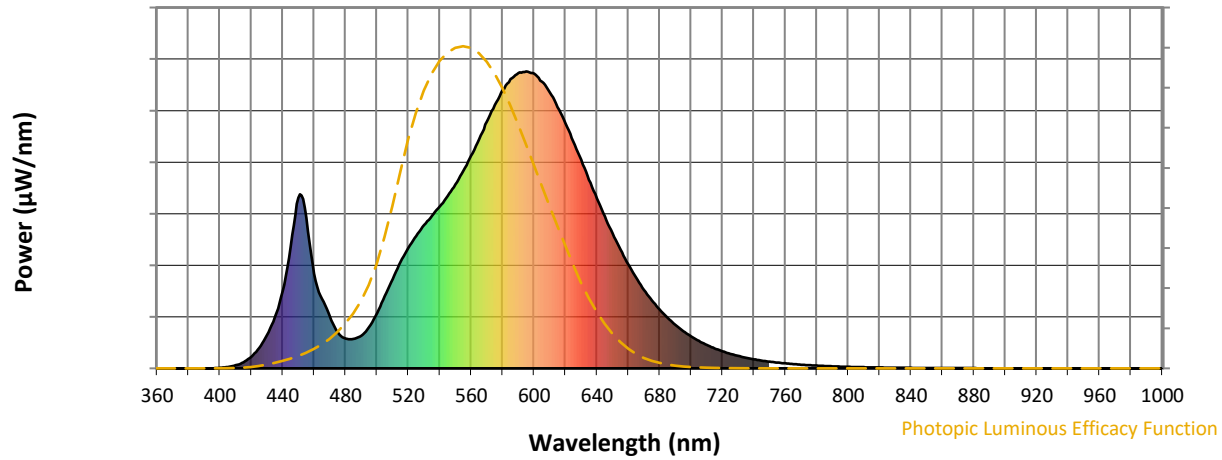
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

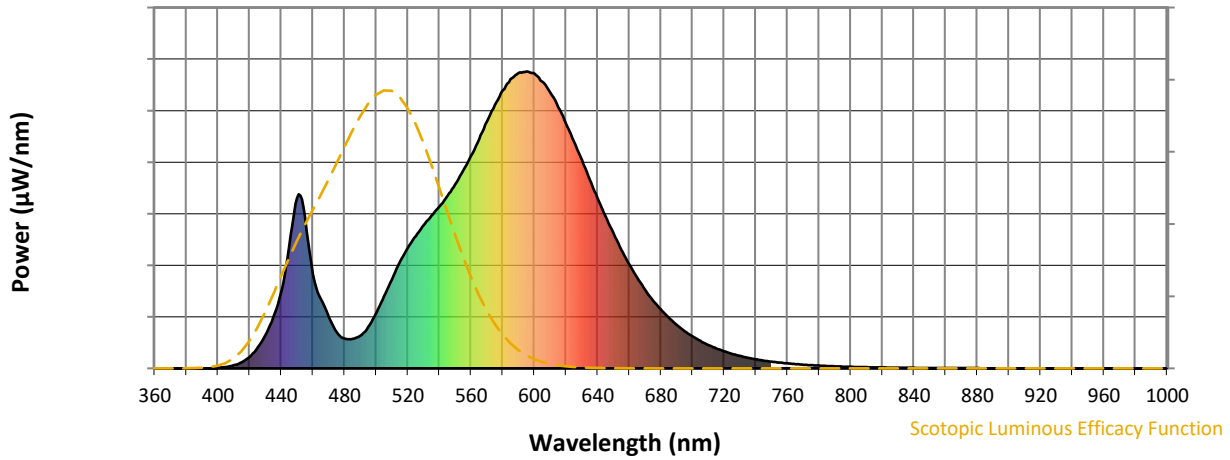


**Photopic Lumens: NR**

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	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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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.21

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	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 <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	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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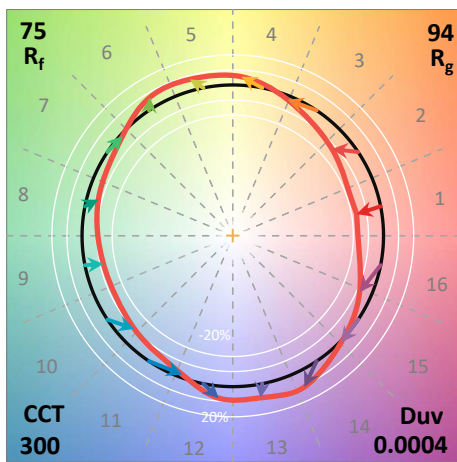
TM-30-18

**Summary**

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



**Color Vector Graphics**





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

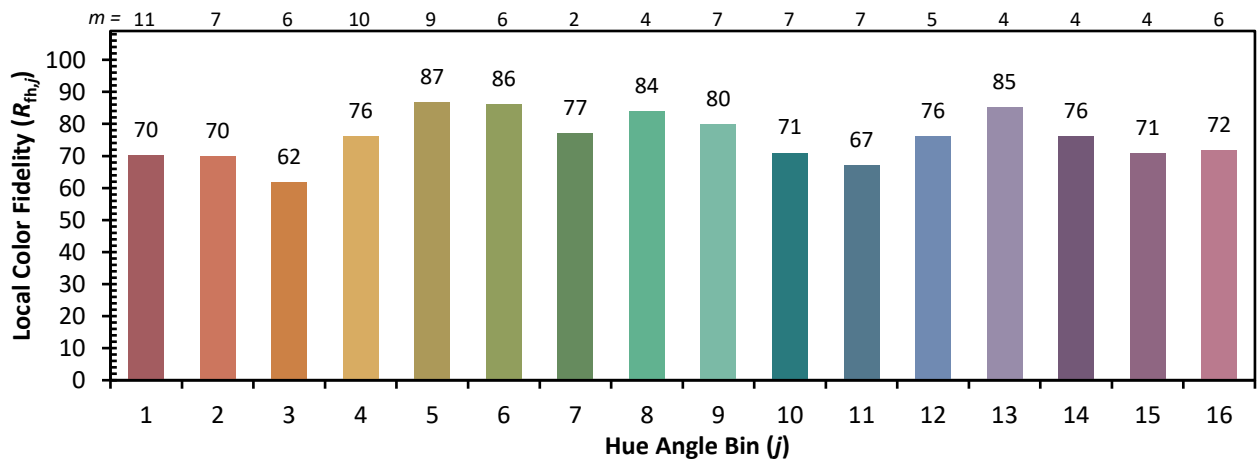
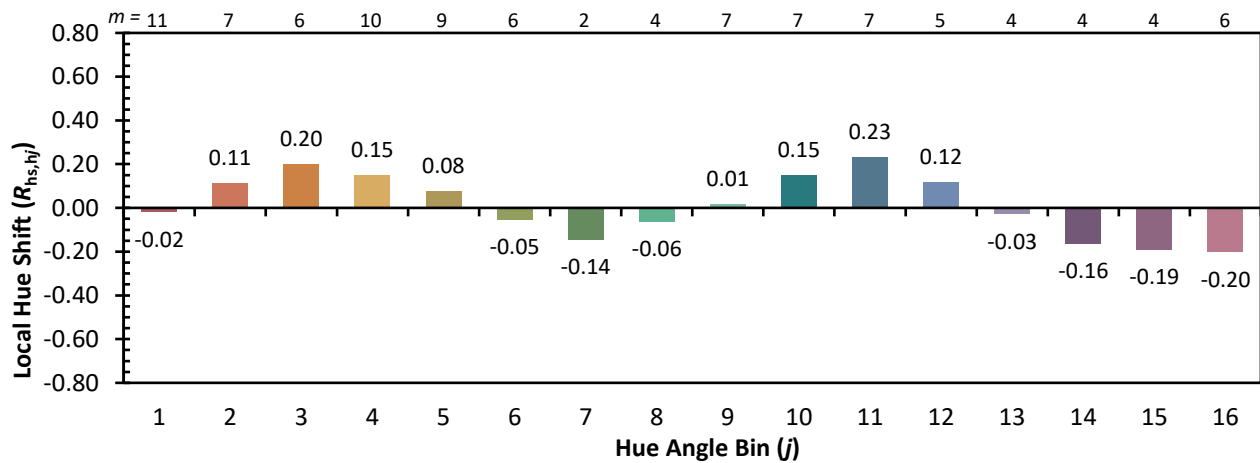
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CES03 = 31	CES28 = 85	CES53 = 77	CES78 = 63
CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 79	CES58 = 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
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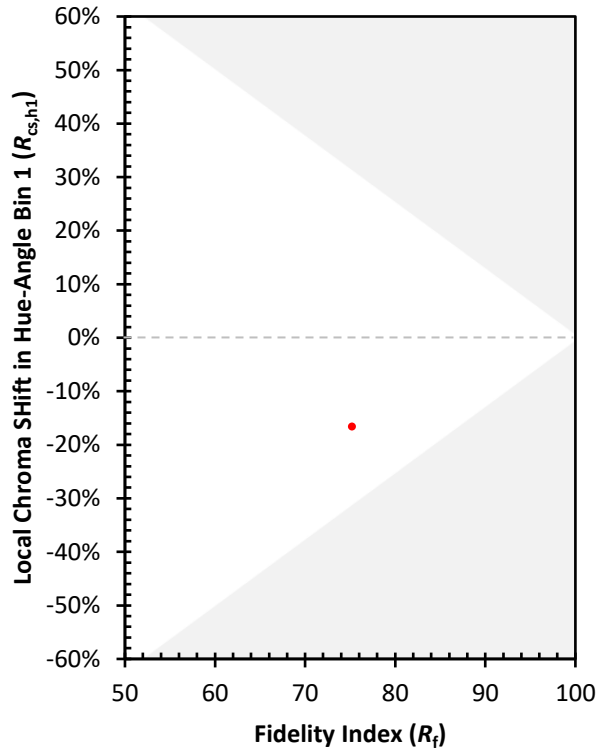
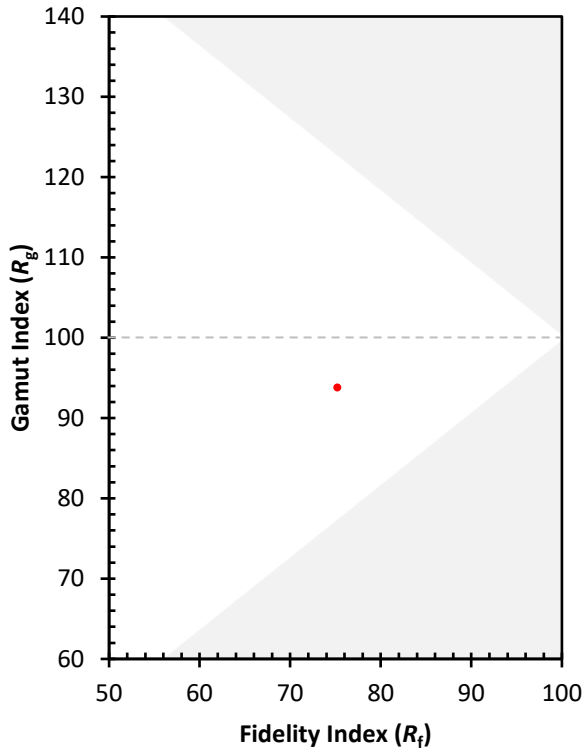
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)