

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: P856261

Luminaire Tested: **FFX-CLB-30-730-U-PG**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856261  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-30-730-U-PG  
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE  
Light Source: (6) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

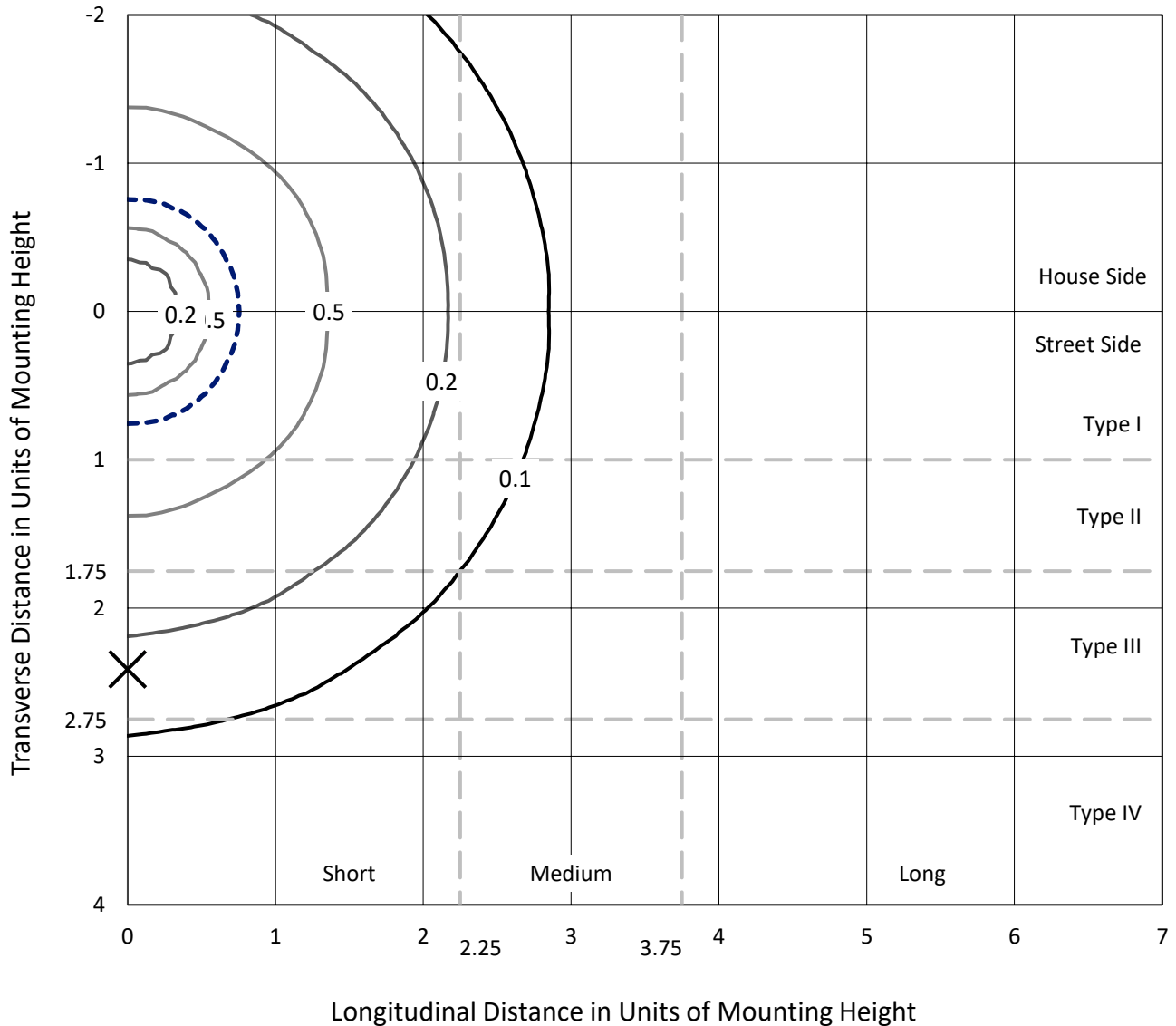
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4977.3 lumens  
Efficiency: N/A  
Efficacy: 163.2 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')  
IES Classification: Type V - Short  
BUG Rating: B2 - U5 - G3  
  
Input Watts (W): 30.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 10.6%%  
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

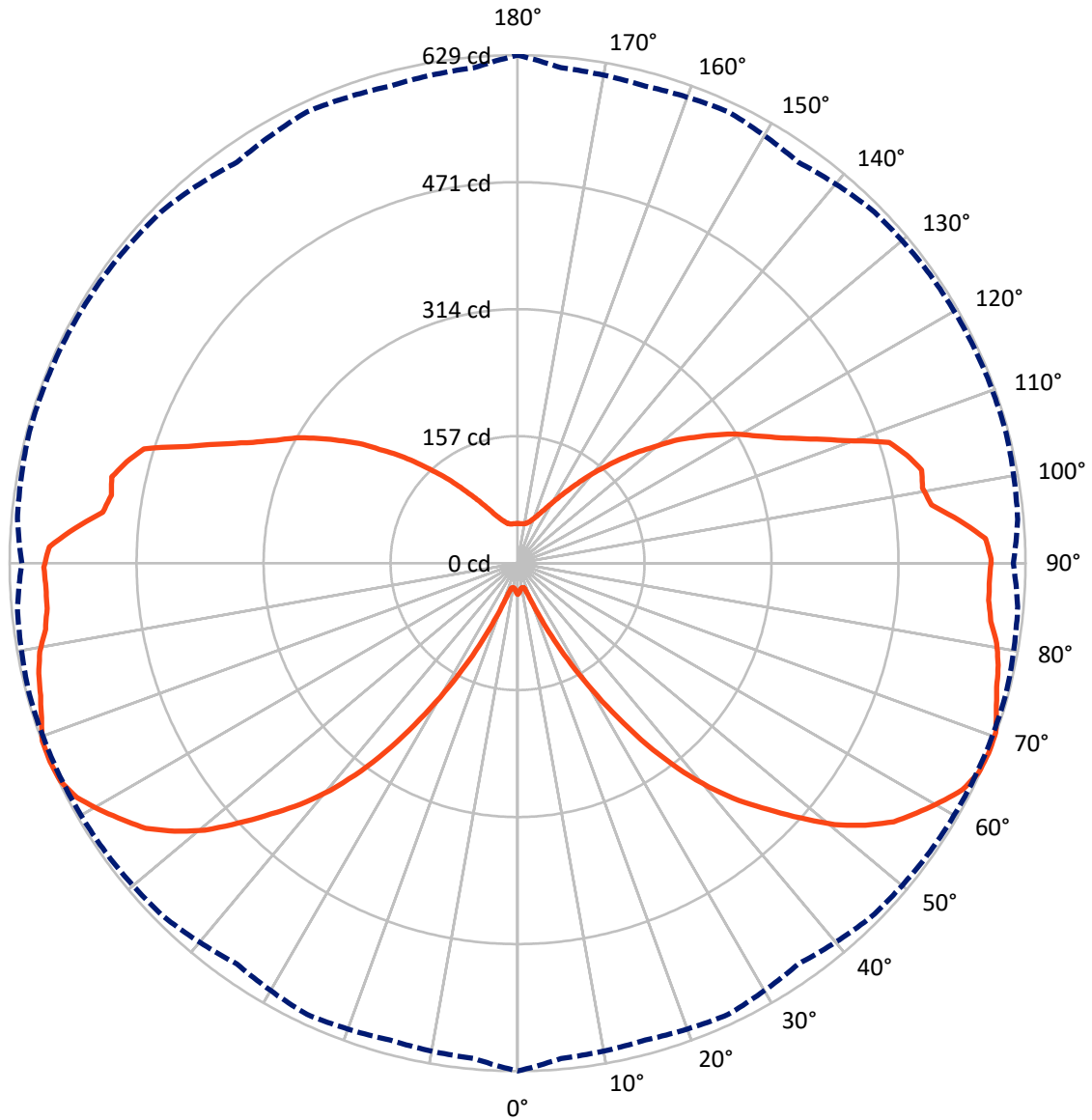
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.7 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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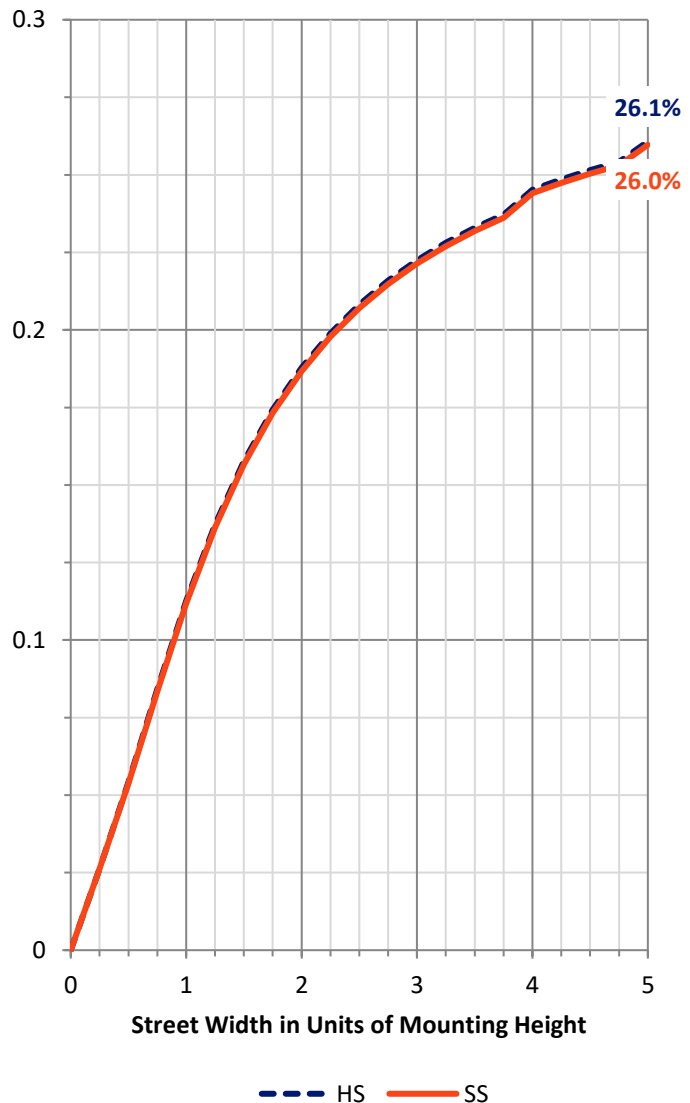
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1484.8	1003.8	2488.6
	% Fixture	29.8	20.2	50.0
<b>Street Side</b>	Lumens	1484.8	1003.8	2488.6
	% Fixture	29.8	20.2	50.0
<b>Total</b>	Lumens	2969.7	2007.6	4977.3
	% Fixture	59.7	40.3	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	10.6	0.2
20°-30°	53.1	1.1
30°-40°	174.7	3.5
40°-50°	337.8	6.8
50°-60°	499.9	10.0
60°-70°	607.7	12.2
70°-80°	641.6	12.9
80°-90°	641.1	12.9
90°-100°	599.7	12.0
100°-110°	533.5	10.7
110°-120°	364.9	7.3
120°-130°	245.1	4.9
130°-140°	142.3	2.9
140°-150°	70.1	1.4
150°-160°	32.4	0.7
160°-170°	14.9	0.3
170°-180°	4.7	0.1
0°-90°	2969.7	59.7
0°-180°	4977.3	100.0



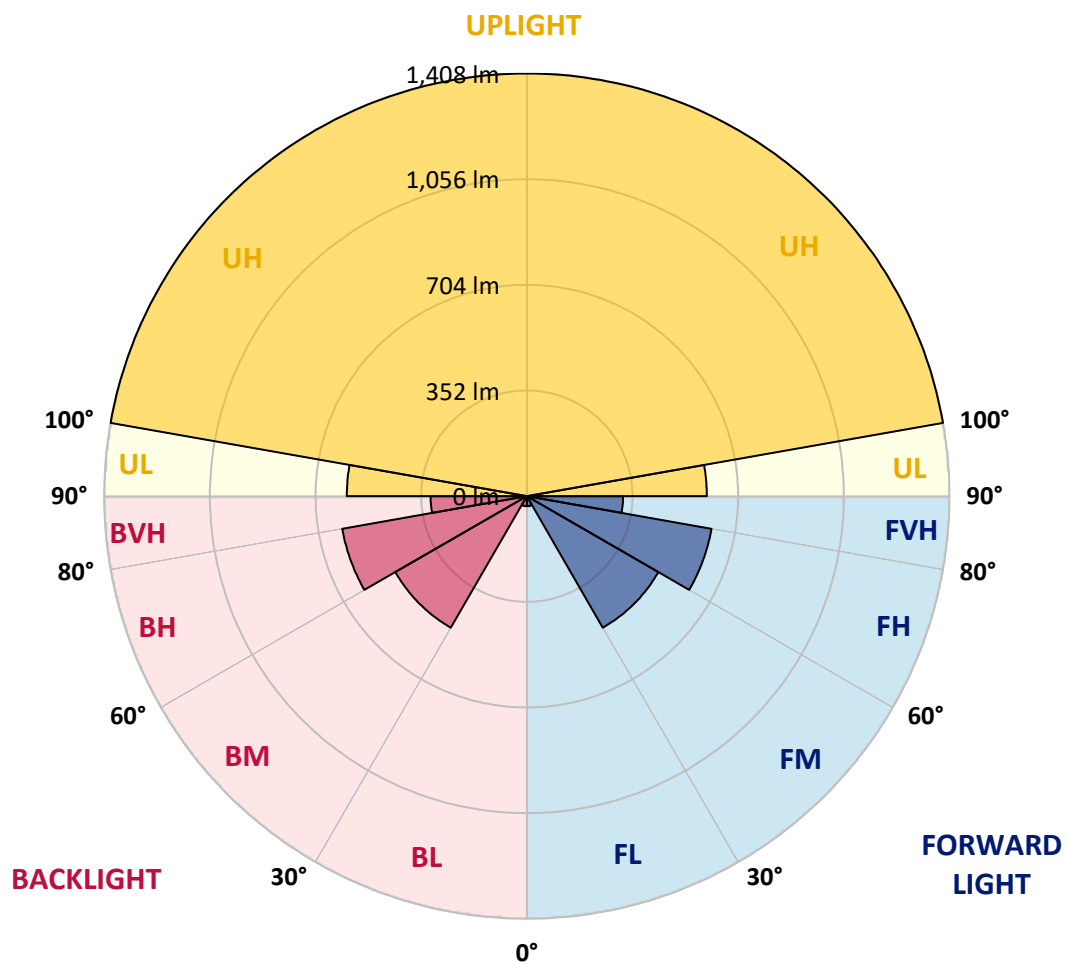
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	33.5	0.7			
FM (30°-60°)	506.2	10.2			
FH (60°-80°)	624.6	12.5			G0/660
FVH (80°-90°)	320.5	6.4			G3/500
BL (0°-30°)	33.5	0.7	B0/110		
BM (30°-60°)	506.2	10.2	B1/1000		
BH (60°-80°)	624.6	12.5	B2/1000		G0/660
BVH (80°-90°)	320.5	6.4			G3/500
UL (90°-100°)	599.7	12.0		U4/1000	
UH (100°-180°)	1407.9	28.3		U5	

**BUG Rating: B2-U5-G3**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
2.5°	37.0	36.7	36.4	36.1	36.4	36.7	37.4	37.7	37.7	37.7	37.7
5°	33.6	33.9	34.2	34.5	34.5	34.5	34.5	34.8	35.2	35.2	35.2
7.5°	31.7	31.7	32.0	33.0	33.3	33.0	33.0	33.3	32.3	31.4	31.1
10°	30.8	30.8	31.1	31.4	31.7	32.3	32.7	32.7	32.7	32.7	32.3
12.5°	31.1	30.8	31.1	31.4	32.0	32.3	31.7	31.7	32.3	33.0	33.3
15°	32.7	32.3	32.3	33.0	33.3	33.3	32.7	32.7	33.0	33.6	33.6
17.5°	39.6	38.9	38.6	38.9	38.6	38.9	38.6	39.2	39.2	38.9	38.6
20°	54.0	53.4	52.4	52.1	52.4	53.4	53.7	54.6	53.7	53.4	52.1
22.5°	76.6	75.7	75.0	75.0	76.0	76.6	76.3	77.5	76.9	76.6	75.4
25°	105.5	104.9	105.2	106.7	108.3	107.4	104.9	106.7	106.7	106.4	106.1
27.5°	141.6	139.4	140.3	144.4	145.7	143.2	140.3	142.5	143.5	143.8	143.8
30°	182.7	181.2	180.8	185.2	186.8	184.6	182.7	185.2	185.2	186.2	186.2
32.5°	227.3	226.4	224.8	227.3	229.8	229.2	229.2	231.1	230.4	231.4	231.7
35°	276.3	274.4	271.3	271.6	274.4	274.7	276.9	278.2	277.5	277.2	277.2
37.5°	322.4	319.9	317.1	315.5	319.0	318.7	323.7	323.7	322.4	322.8	322.8
40°	364.2	362.6	360.4	356.0	362.6	361.4	367.3	367.3	363.9	364.8	364.2
42.5°	401.6	401.6	399.0	392.5	399.4	398.1	406.0	406.0	401.2	400.9	400.0
45°	435.2	436.7	435.5	429.5	432.0	433.0	440.5	438.9	435.2	435.2	433.6
47.5°	471.3	472.8	468.4	462.2	465.0	466.6	473.5	472.8	470.6	467.8	467.8
50°	508.9	509.2	500.5	492.9	495.4	503.6	508.6	509.9	505.2	498.6	498.3
52.5°	538.8	540.6	532.2	524.0	525.9	535.3	541.0	541.3	535.3	525.9	528.7
55°	565.1	567.0	558.5	551.3	555.1	560.1	566.7	562.9	563.3	553.2	557.9
57.5°	583.0	589.3	575.2	573.6	577.1	583.0	585.9	584.9	586.8	577.4	578.9
60°	600.9	603.8	591.8	594.0	589.9	600.6	602.8	605.0	600.0	593.4	593.4
62.5°	617.9	611.0	602.5	607.8	596.8	610.3	612.9	615.4	610.0	603.8	605.0
65°	626.7	614.1	606.9	613.5	602.8	615.1	619.1	620.1	619.1	613.2	610.3
67.5°	628.6	615.4	611.0	616.3	605.6	619.1	622.9	624.8	625.7	621.3	613.5
70°	627.9	613.8	610.0	615.1	608.1	620.7	621.0	623.8	625.1	627.0	618.2
72.5°	619.5	607.2	606.3	610.7	604.4	612.5	612.9	616.3	614.4	620.4	616.0
75°	612.5	604.4	606.0	605.0	598.7	603.4	604.7	608.8	601.9	607.5	611.3
77.5°	608.1	603.8	607.5	602.5	595.9	599.0	600.9	605.6	595.3	600.0	611.0
80°	601.2	600.0	604.7	597.2	591.5	594.3	597.5	601.6	590.3	593.4	609.1
82.5°	589.9	590.9	595.3	586.5	582.7	585.9	589.6	595.9	584.3	586.2	602.8
85°	584.9	589.0	591.2	582.4	578.0	579.9	584.0	590.6	578.3	581.1	598.1
87.5°	584.3	589.3	590.9	583.3	579.6	582.4	584.3	593.7	580.5	584.0	601.2
90°	586.2	588.1	589.0	582.4	579.3	583.7	584.0	595.6	582.4	583.3	598.7
92.5°	579.9	580.2	582.1	576.1	575.8	578.9	578.3	588.1	573.6	571.4	584.6
95°	549.4	546.9	551.0	547.9	554.5	559.2	564.5	576.8	569.5	571.4	582.7
97.5°	517.1	517.7	519.0	514.0	513.0	514.9	517.1	523.4	521.2	523.1	533.7
100°	509.6	511.8	511.4	508.9	498.6	496.4	491.7	485.1	476.3	477.5	479.1
102.5°	513.3	519.3	520.2	523.7	523.7	522.1	525.6	522.7	524.3	533.4	528.4
105°	499.8	506.7	511.1	514.9	522.1	528.1	544.1	553.8	561.7	572.7	571.1
107.5°	483.5	487.0	490.1	490.1	488.2	487.3	496.1	497.6	495.4	498.3	498.6
110°	432.6	432.3	435.5	434.2	435.2	430.1	432.6	441.1	439.2	444.9	445.8



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	393.1	393.1	395.3	392.1	392.5	388.4	389.9	395.6	395.9	400.6	403.1
115°	359.8	359.2	362.3	359.8	357.0	356.0	357.6	361.1	362.0	365.1	370.2
117.5°	335.0	331.9	334.4	334.7	335.9	333.4	337.2	339.4	340.7	343.2	347.2
120°	314.6	311.5	312.4	315.5	319.3	314.0	318.0	319.9	320.9	321.8	323.7
122.5°	291.4	289.2	288.2	294.5	296.7	292.0	294.2	297.0	298.6	300.1	301.7
125°	267.8	265.9	265.0	270.6	272.8	269.1	272.2	276.3	275.7	279.1	276.0
127.5°	246.5	245.8	244.6	247.4	249.0	248.7	251.5	256.5	254.3	257.5	254.0
130°	221.0	223.5	221.7	225.1	225.4	227.9	228.9	233.6	231.4	232.0	229.8
132.5°	200.3	201.3	200.3	201.6	202.5	202.5	205.0	210.0	206.6	206.3	204.4
135°	179.3	179.6	178.3	180.2	180.8	179.3	181.8	185.6	183.7	182.7	182.7
137.5°	158.6	158.2	158.6	159.2	159.8	159.5	160.7	163.6	162.9	161.7	163.3
140°	141.0	140.0	140.3	140.7	140.3	140.3	141.6	144.1	144.1	142.5	144.1
142.5°	123.4	123.1	123.1	123.1	123.1	123.7	125.0	125.6	126.2	125.0	124.6
145°	108.6	108.3	108.0	108.0	108.0	108.3	109.6	109.3	110.5	109.3	108.3
147.5°	95.4	95.8	95.1	94.8	94.5	95.4	95.8	96.4	97.0	96.4	95.4
150°	84.8	84.5	84.5	83.8	83.8	84.8	84.5	85.1	85.7	85.4	85.1
152.5°	75.4	75.4	75.4	74.7	75.0	75.7	75.7	75.7	76.3	76.3	76.0
155°	67.8	67.8	67.8	67.5	67.5	68.1	68.1	68.1	68.4	68.4	68.4
157.5°	62.2	62.2	61.9	61.9	61.9	62.2	61.9	61.9	62.2	62.2	62.2
160°	57.8	57.8	57.5	57.5	57.1	57.5	57.1	57.1	57.5	57.5	57.5
162.5°	54.3	54.3	54.0	54.0	54.0	54.0	54.0	53.7	53.7	54.0	53.7
165°	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.5	51.5	51.5	51.5
167.5°	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
170°	49.3	49.3	49.3	49.6	49.6	49.6	49.3	49.3	49.6	49.6	49.3
172.5°	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
175°	49.0	49.0	49.0	49.0	49.0	49.0	48.7	49.0	49.0	49.0	49.0
177.5°	49.0	48.7	48.7	49.0	49.0	48.7	48.7	48.7	48.7	48.7	48.7
180°	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0



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

REPORT NUMBER: SP1-2406-133-4

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



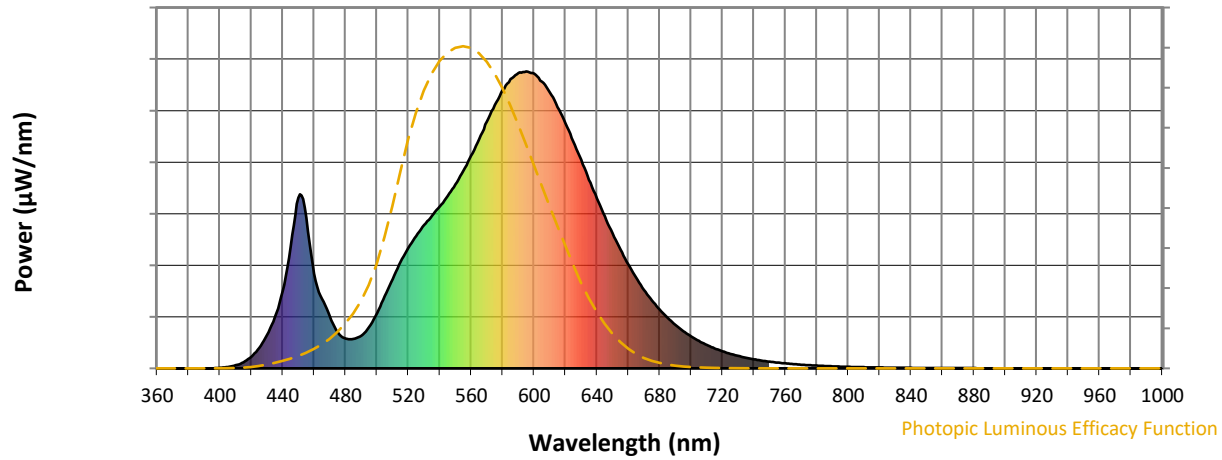
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

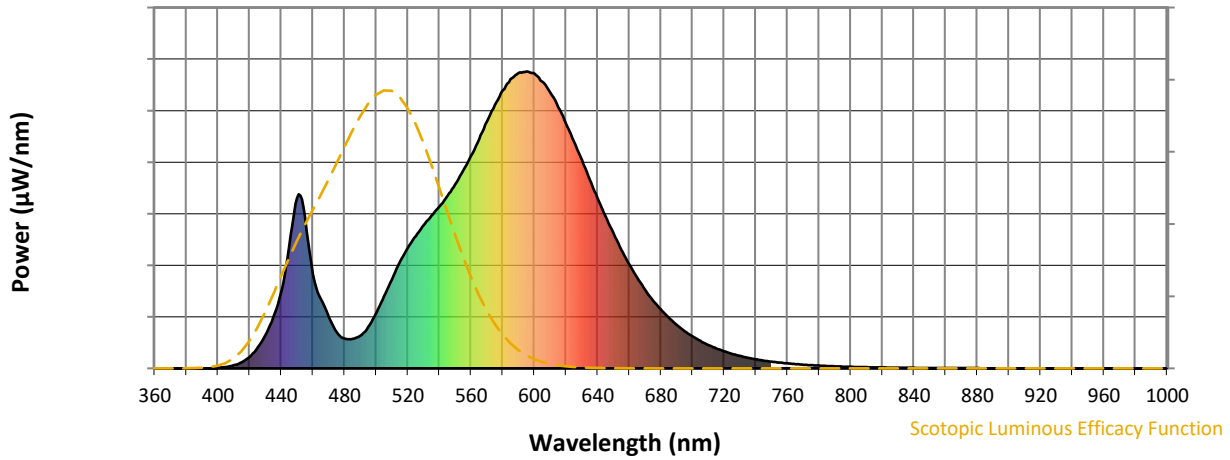


**Photopic Lumens: NR**

$\lambda$ (nm)	Power (W/nm)	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power (W/nm)	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power (W/nm)	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power (W/nm)	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power (W/nm)	Lumens ( $\phi$ /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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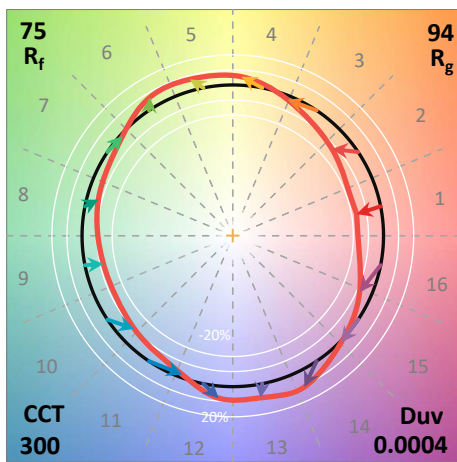
TM-30-18

**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 ( $R_{f,i}$ )**

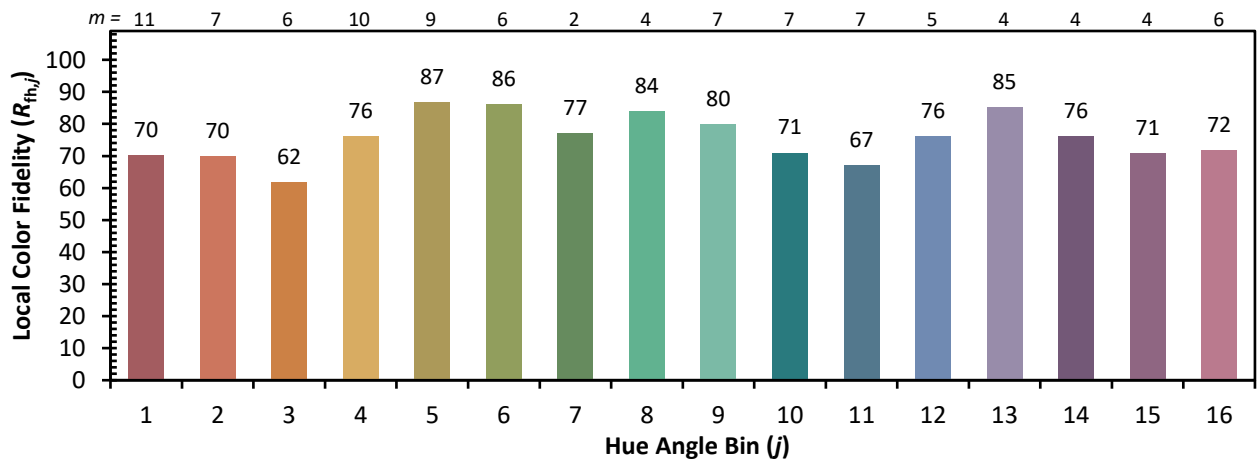
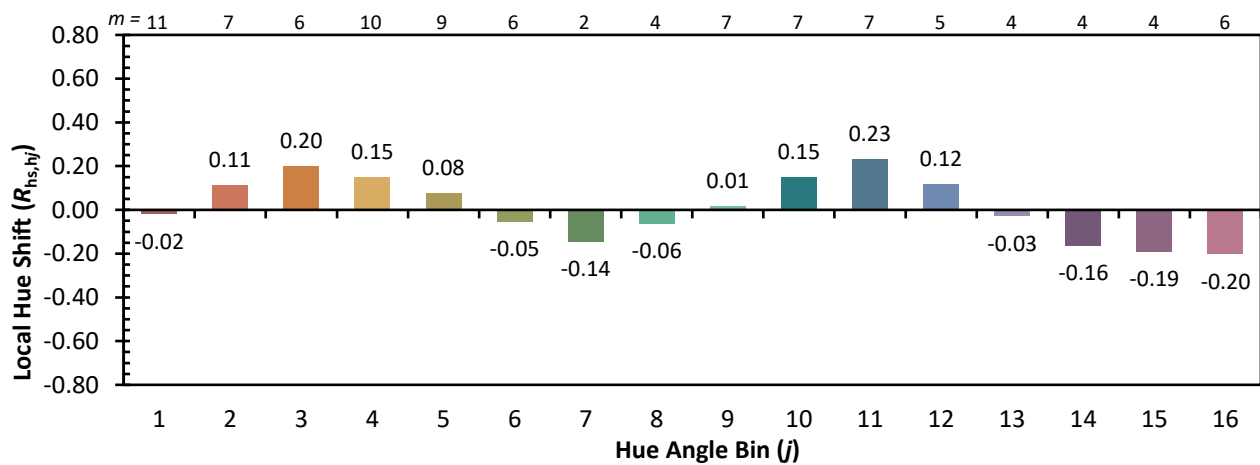
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CES03 = 31	CES28 = 85	CES53 = 77	CES78 = 63
CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 79	CES58 = 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
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 65
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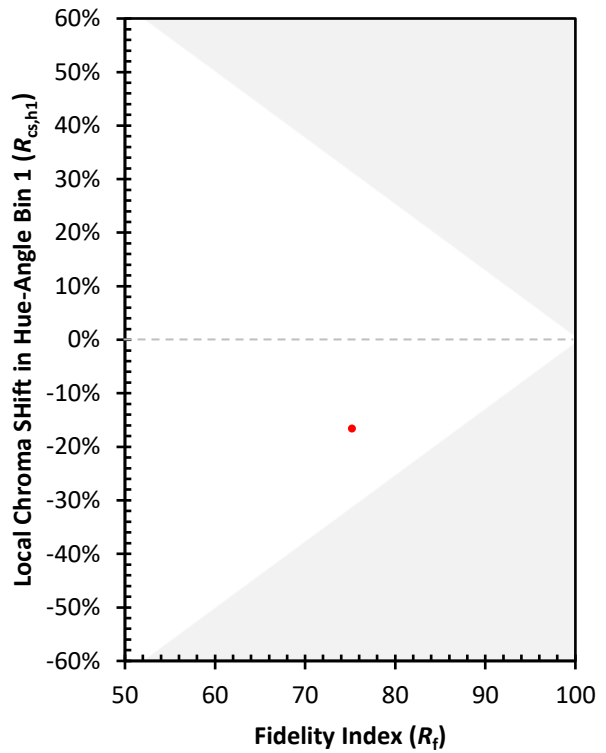
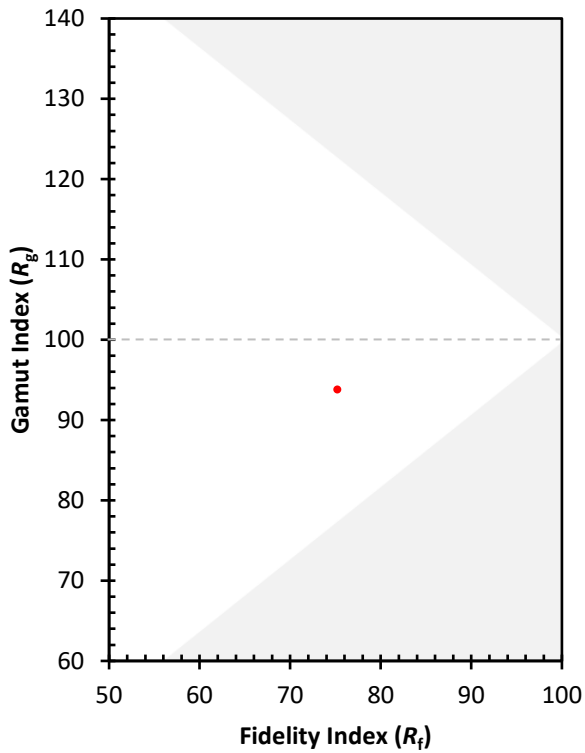
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)