

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: P856306

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

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856306  
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-FG  
Description: FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE  
Light Source: (6) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

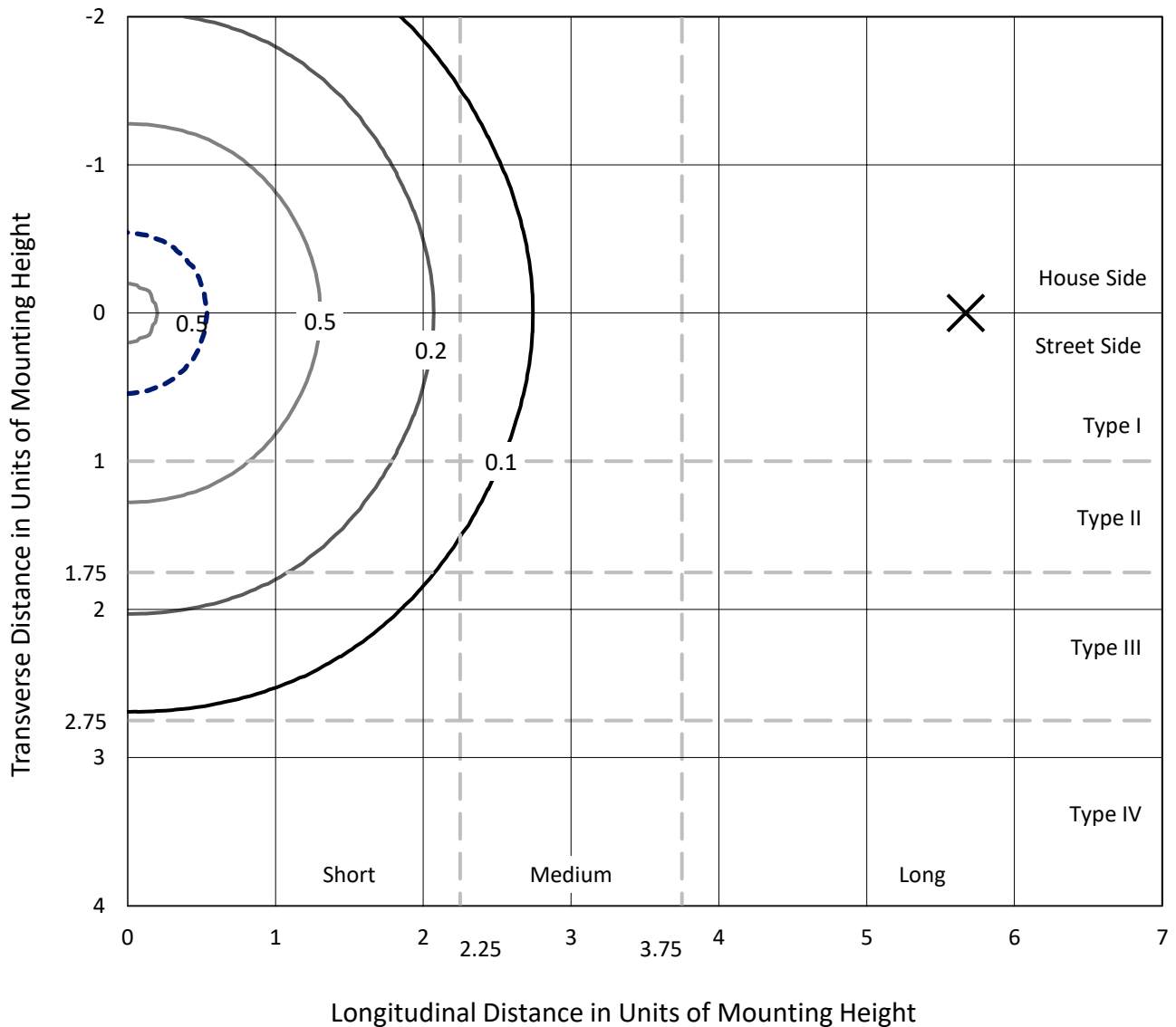
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5102.2 lumens  
Efficiency: N/A  
Efficacy: 167.3 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

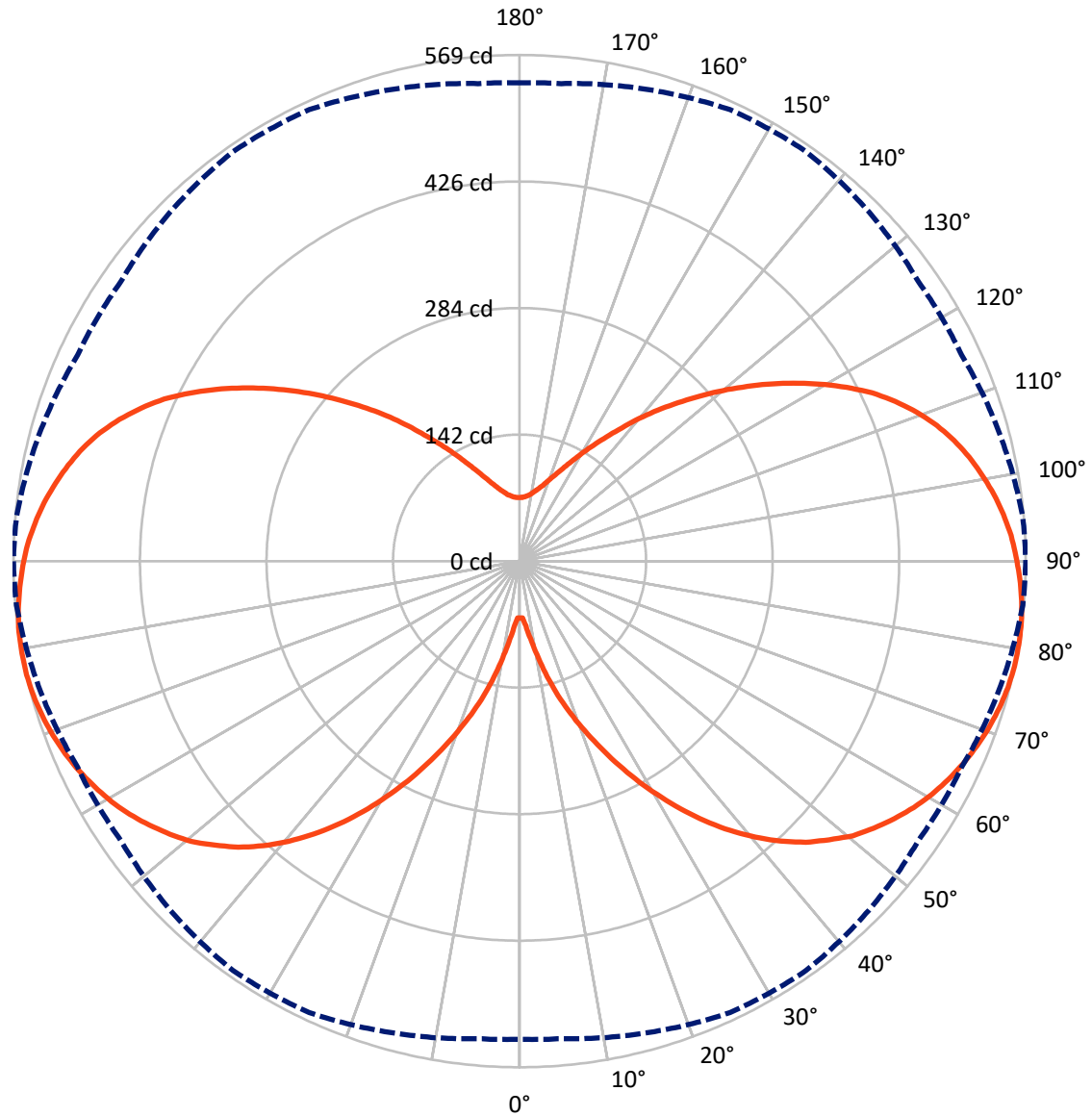
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.9 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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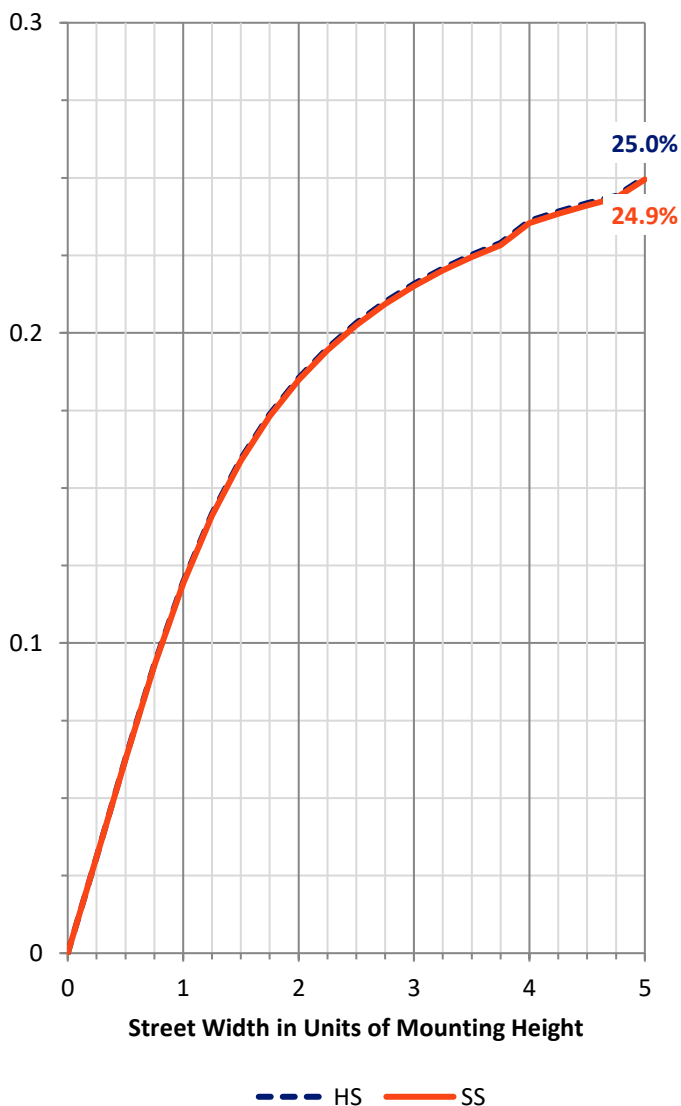
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1451.6	1099.5	2551.1
	% Fixture	28.5	21.5	50.0
<b>Street Side</b>	Lumens	1451.6	1099.5	2551.1
	% Fixture	28.5	21.5	50.0
<b>Total</b>	Lumens	2903.2	2198.9	5102.2
	% Fixture	56.9	43.1	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	8.1	0.2
10°-20°	44.5	0.9
20°-30°	117.1	2.3
30°-40°	223.8	4.4
40°-50°	344.0	6.7
50°-60°	450.7	8.8
60°-70°	531.9	10.4
70°-80°	583.6	11.4
80°-90°	599.6	11.8
90°-100°	577.6	11.3
100°-110°	517.9	10.2
110°-120°	420.9	8.2
120°-130°	300.7	5.9
130°-140°	190.2	3.7
140°-150°	106.5	2.1
150°-160°	53.6	1.1
160°-170°	24.4	0.5
170°-180°	7.1	0.1
0°-90°	2903.2	56.9
0°-180°	5102.2	100.0



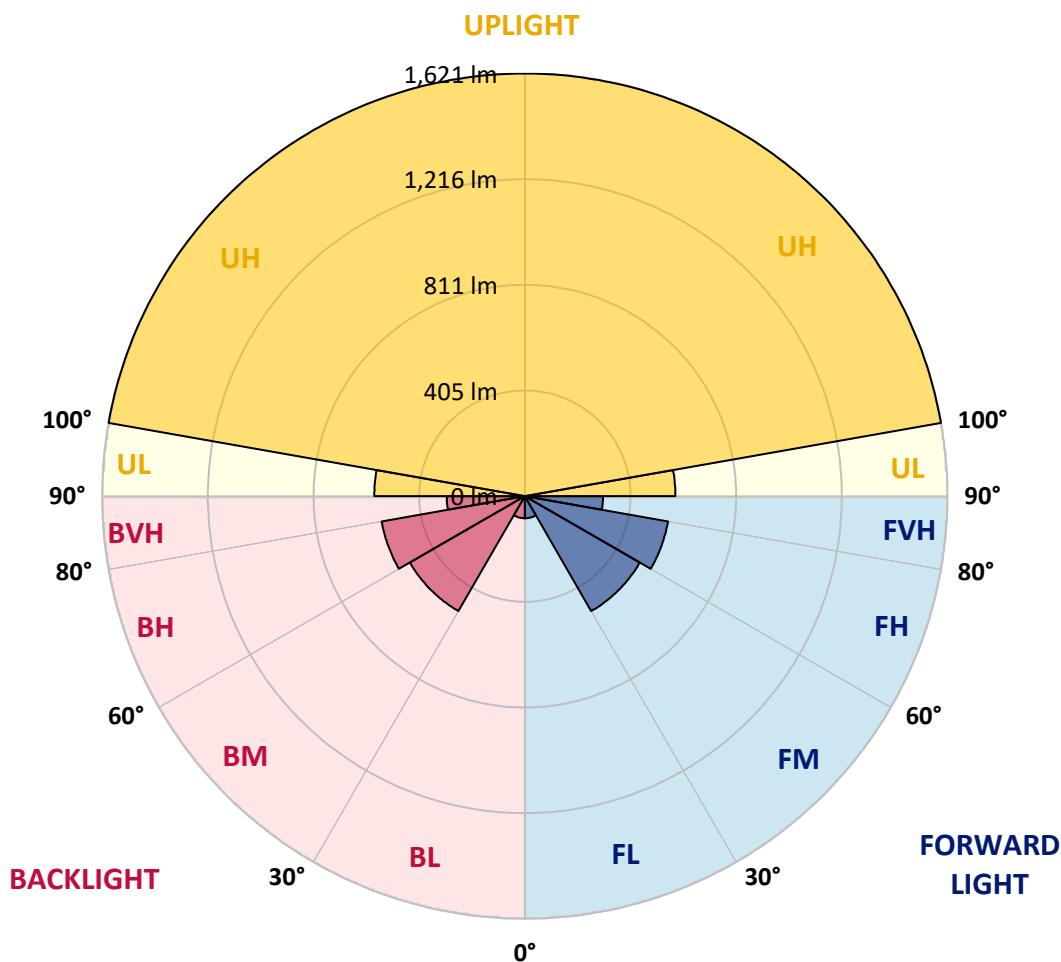
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	84.8	1.7			
FM (30°-60°)	509.3	10.0			
FH (60°-80°)	557.7	10.9			G0/660
FVH (80°-90°)	299.8	5.9			G3/500
BL (0°-30°)	84.8	1.7	B0/110		
BM (30°-60°)	509.3	10.0	B1/1000		
BH (60°-80°)	557.7	10.9	B2/1000		G0/660
BVH (80°-90°)	299.8	5.9			G3/500
UL (90°-100°)	577.6	11.3		U4/1000	
UH (100°-180°)	1621.3	31.8		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°	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
2.5°	67.2	67.2	66.9	66.3	65.9	65.6	65.0	64.1	63.7	63.7	63.7
5°	73.2	73.5	73.5	73.2	73.5	72.8	72.8	72.2	72.5	72.5	72.8
7.5°	87.9	87.9	88.2	88.2	88.5	87.9	88.2	87.9	88.2	88.2	87.9
10°	107.1	107.1	107.7	107.1	107.4	106.8	106.4	106.4	107.4	107.1	106.8
12.5°	128.7	129.4	129.0	128.7	129.4	128.7	128.1	128.4	129.7	129.0	128.7
15°	151.7	152.3	152.9	152.0	152.3	152.0	151.7	152.0	153.2	152.6	152.3
17.5°	174.9	175.2	175.8	174.6	174.9	175.2	174.9	175.2	176.1	175.8	175.5
20°	198.1	198.8	199.4	198.1	198.4	198.8	198.4	198.8	200.0	199.4	199.1
22.5°	222.6	222.9	224.2	222.6	223.2	223.6	222.9	223.6	224.8	224.2	223.9
25°	248.0	247.7	249.6	248.4	248.7	249.3	248.7	249.3	250.9	250.9	249.9
27.5°	274.1	274.1	275.7	274.7	275.4	275.0	275.7	276.3	277.9	278.2	277.2
30°	300.2	300.2	302.7	301.1	302.0	302.4	302.4	303.0	304.9	305.5	304.2
32.5°	326.2	326.2	327.5	327.8	328.4	328.7	329.4	329.4	331.9	332.2	331.6
35°	351.7	351.7	352.9	353.5	355.1	354.5	355.4	355.4	358.3	358.6	358.3
37.5°	375.8	376.1	377.7	378.3	379.6	379.6	380.2	380.9	383.4	384.3	384.0
40°	398.8	399.4	400.6	401.9	403.2	403.2	403.5	404.4	407.2	408.2	407.9
42.5°	419.5	419.8	421.7	423.6	424.8	424.8	425.1	425.8	428.9	430.2	430.2
45°	437.7	438.6	441.1	443.7	444.9	444.6	444.6	445.5	449.0	450.6	450.6
47.5°	454.6	455.9	458.7	461.2	462.5	462.5	462.2	463.1	466.9	468.8	467.8
50°	469.7	470.7	473.8	477.6	478.5	478.5	477.6	478.5	482.6	485.1	485.1
52.5°	482.3	483.2	487.0	491.1	492.3	492.0	490.8	491.7	495.8	498.6	498.3
55°	493.0	494.2	498.3	503.3	504.6	503.6	502.1	503.0	507.4	511.2	510.8
57.5°	502.7	503.6	508.3	513.7	515.6	514.0	511.8	512.7	517.8	521.8	522.2
60°	510.8	511.8	517.1	523.4	525.0	523.1	520.3	521.2	526.9	531.6	532.2
62.5°	517.8	518.7	524.7	531.6	533.8	530.9	527.5	528.4	534.7	540.0	540.4
65°	523.4	524.3	531.3	538.5	540.7	537.5	533.5	534.4	541.3	547.3	547.9
67.5°	527.8	529.1	536.9	544.8	546.6	542.9	538.2	539.1	546.6	553.5	554.2
70°	531.6	533.1	541.3	549.8	552.0	547.6	541.9	543.2	551.7	558.6	559.5
72.5°	534.4	536.0	544.8	553.9	556.4	551.0	544.8	546.0	555.1	562.7	563.6
75°	536.3	537.8	547.3	557.0	559.2	553.5	546.6	547.9	557.3	565.5	566.7
77.5°	537.2	538.8	548.8	558.9	561.1	554.5	547.3	548.5	558.3	567.1	568.3
80°	537.2	538.5	548.8	559.5	561.4	554.8	547.0	547.9	557.9	567.4	568.6
82.5°	536.3	537.5	548.2	558.9	560.8	553.5	545.4	546.6	557.0	566.4	568.0
85°	534.1	535.3	546.0	557.0	558.9	551.0	542.6	543.8	554.2	564.2	565.8
87.5°	530.9	532.5	542.9	553.9	555.4	547.3	539.1	539.7	550.7	561.1	562.3
90°	527.2	528.7	538.5	549.5	551.0	542.9	534.4	535.3	546.0	556.7	557.9
92.5°	522.8	524.0	533.5	543.5	545.4	536.9	528.7	530.0	540.7	551.4	552.9
95°	517.1	518.1	526.9	536.3	537.8	530.3	522.2	523.4	534.1	544.4	546.0
97.5°	510.2	510.8	518.7	527.2	529.1	521.8	514.3	515.6	525.9	536.3	538.2
100°	502.4	502.7	509.6	516.8	518.4	512.4	505.5	507.1	516.8	527.5	528.7
102.5°	493.3	493.3	498.9	504.9	506.8	501.7	495.8	497.3	506.8	516.8	518.4
105°	483.2	482.3	486.4	491.1	493.3	489.5	485.1	486.4	495.1	504.9	506.8
107.5°	470.7	469.7	472.5	476.6	478.8	476.0	472.5	474.4	482.0	491.1	493.0
110°	456.5	455.3	456.5	459.7	462.2	460.3	458.4	460.0	467.2	475.7	476.9



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 CATALOG NUMBER: FFX-CLB-30-730-U-FG

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	440.2	438.6	438.9	441.1	443.3	443.0	441.8	444.3	450.2	457.2	458.7
115°	421.4	419.8	418.9	420.1	422.0	423.2	424.5	426.1	430.8	436.4	438.9
117.5°	401.6	399.1	397.5	397.5	399.7	401.9	404.1	406.3	409.4	414.8	415.7
120°	378.7	377.1	374.9	374.9	376.8	379.0	382.4	384.9	386.8	390.6	391.8
122.5°	356.1	353.9	351.7	351.7	352.9	356.1	360.8	363.0	363.9	366.1	367.0
125°	333.1	330.6	328.1	328.1	329.4	332.5	337.8	339.7	340.4	341.3	342.2
127.5°	309.9	307.4	305.2	304.2	306.1	308.6	314.0	316.5	316.8	316.8	317.4
130°	286.7	284.8	282.6	281.6	283.5	285.7	291.7	294.2	292.9	292.9	293.3
132.5°	264.7	262.8	260.6	260.0	261.2	264.1	269.4	271.6	270.7	269.4	269.7
135°	243.3	241.8	238.9	238.6	240.5	241.8	246.8	249.0	248.0	246.8	247.1
137.5°	222.9	221.4	218.8	218.5	220.4	222.0	225.8	228.0	226.7	225.4	225.8
140°	203.5	201.6	199.7	199.4	200.6	202.2	205.7	206.9	205.7	204.7	205.0
142.5°	185.2	184.0	181.8	181.8	182.4	183.7	186.5	187.8	186.5	185.2	184.6
145°	168.0	166.4	165.2	164.8	165.5	166.7	168.6	169.9	168.6	167.7	167.0
147.5°	152.6	151.3	150.1	150.1	150.4	151.3	152.9	153.2	152.3	151.7	151.0
150°	138.5	137.2	136.6	136.3	136.6	136.9	138.2	138.8	137.8	137.2	136.6
152.5°	125.6	124.7	124.0	124.3	124.3	124.7	125.0	125.3	124.3	124.3	123.7
155°	114.3	113.7	113.0	113.3	113.3	113.3	113.7	113.7	113.0	113.0	112.7
157.5°	104.9	104.2	103.9	104.2	104.2	103.9	104.2	104.2	103.6	103.6	103.3
160°	96.7	96.1	96.1	96.1	96.1	95.8	96.4	96.1	95.8	95.5	95.5
162.5°	90.1	89.5	89.5	89.8	89.5	89.5	89.5	89.5	89.2	89.2	88.9
165°	84.8	84.1	84.1	84.5	84.1	84.1	84.1	84.1	83.8	83.8	83.8
167.5°	80.4	80.1	80.1	80.1	80.1	79.8	80.1	80.1	79.8	79.8	79.8
170°	76.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.3	76.3
172.5°	74.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.1	74.1	74.1
175°	73.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.5	72.5
177.5°	72.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.6	71.6
180°	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6



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: SP1-2406-133-4

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**

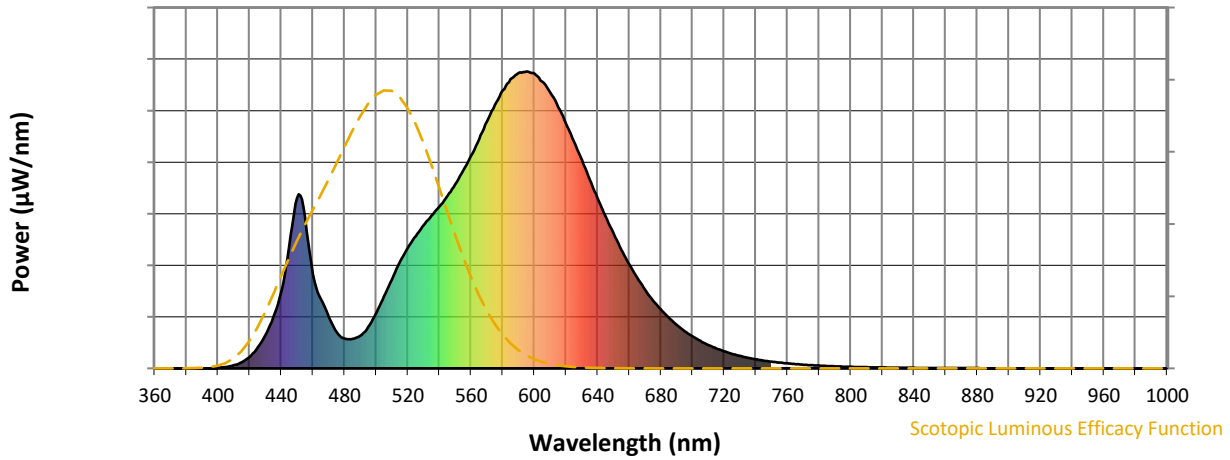


**Photopic Lumens: NR**

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			

REPORT NUMBER: SP1-2406-133-4

**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

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	$\lambda$ (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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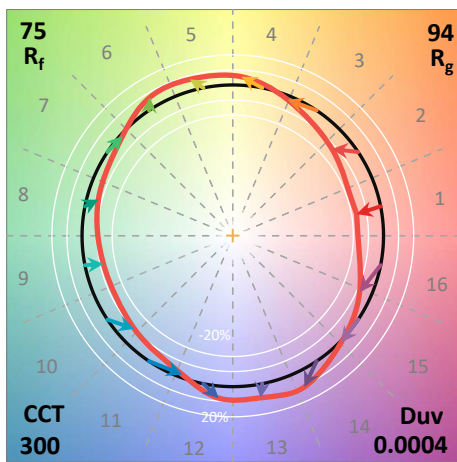
TM-30-18

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

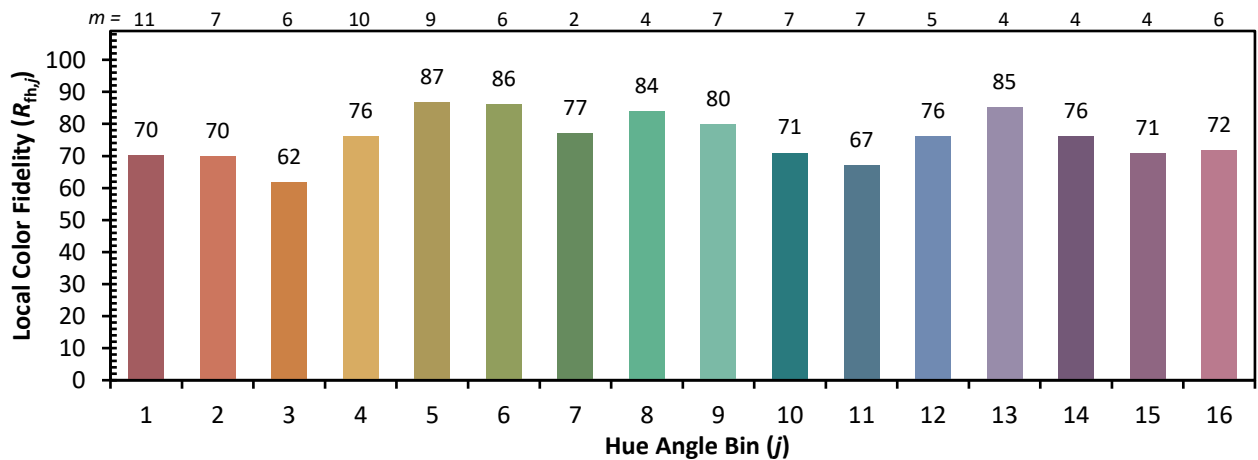
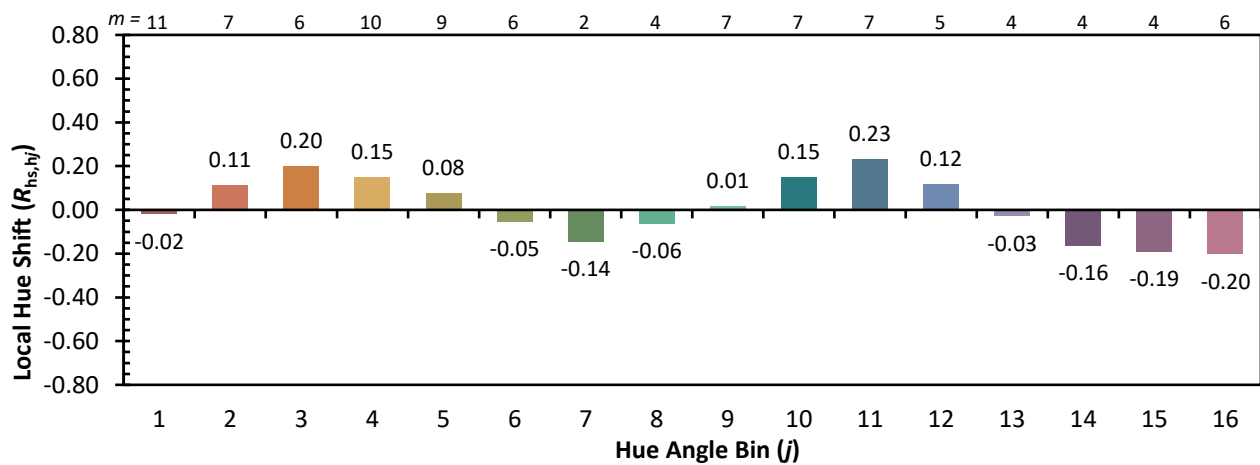
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CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 79	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 76	CES59 = 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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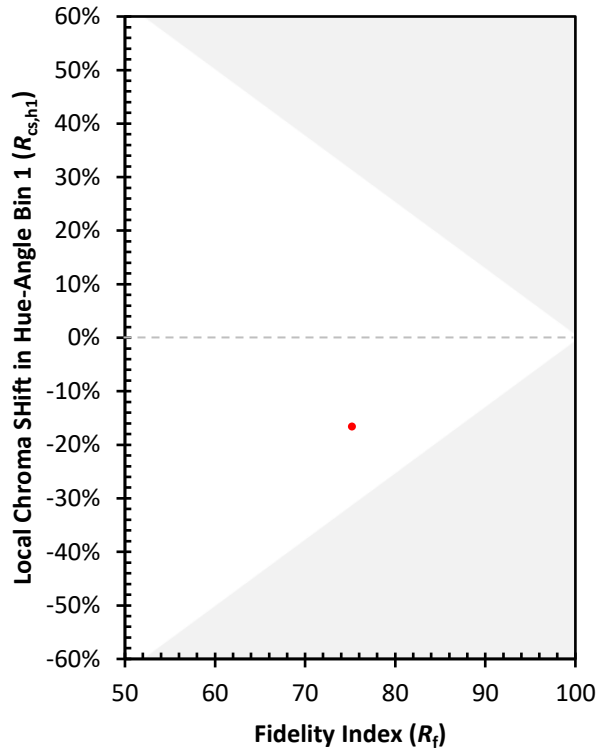
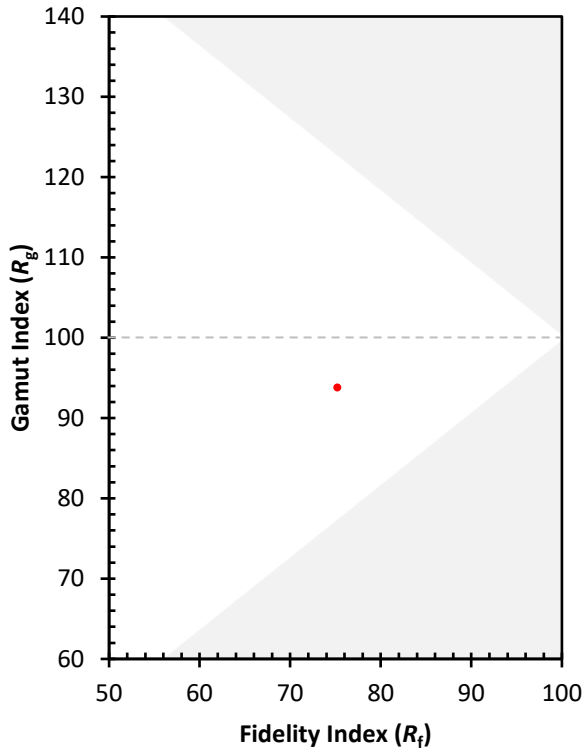
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)