

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: P856177

Luminaire Tested: **FFX-CLB-60-740-U-FR-T5-UPLR**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856177  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-60-740-U-FR-T5-UPLR  
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR  
Light Source: (6) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

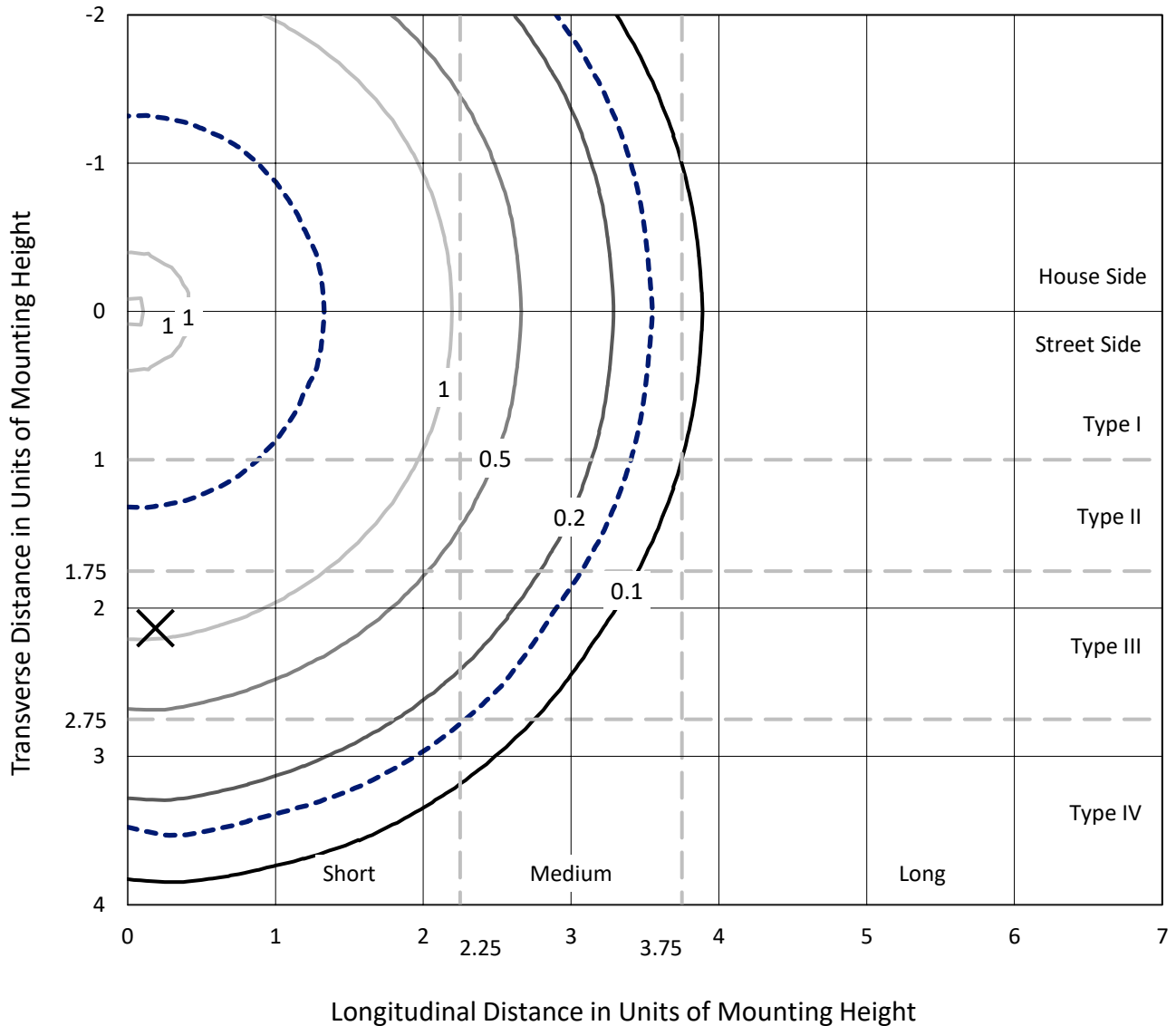
Lumens per Lamp: N/A  
Luminaire Lumens: 9575.1 lumens  
Efficiency: N/A  
Efficacy: 160.1 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')  
IES Classification: Type V - Short  
BUG Rating: B3 - U4 - G3

Input Watts (W): 59.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 8.9%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

REPORT NUMBER: P856177  
 CATALOG NUMBER: FFX-CLB-60-740-U-FR-T5-UPLR

### Iso-Footcandle Lines of Horizontal Illumination

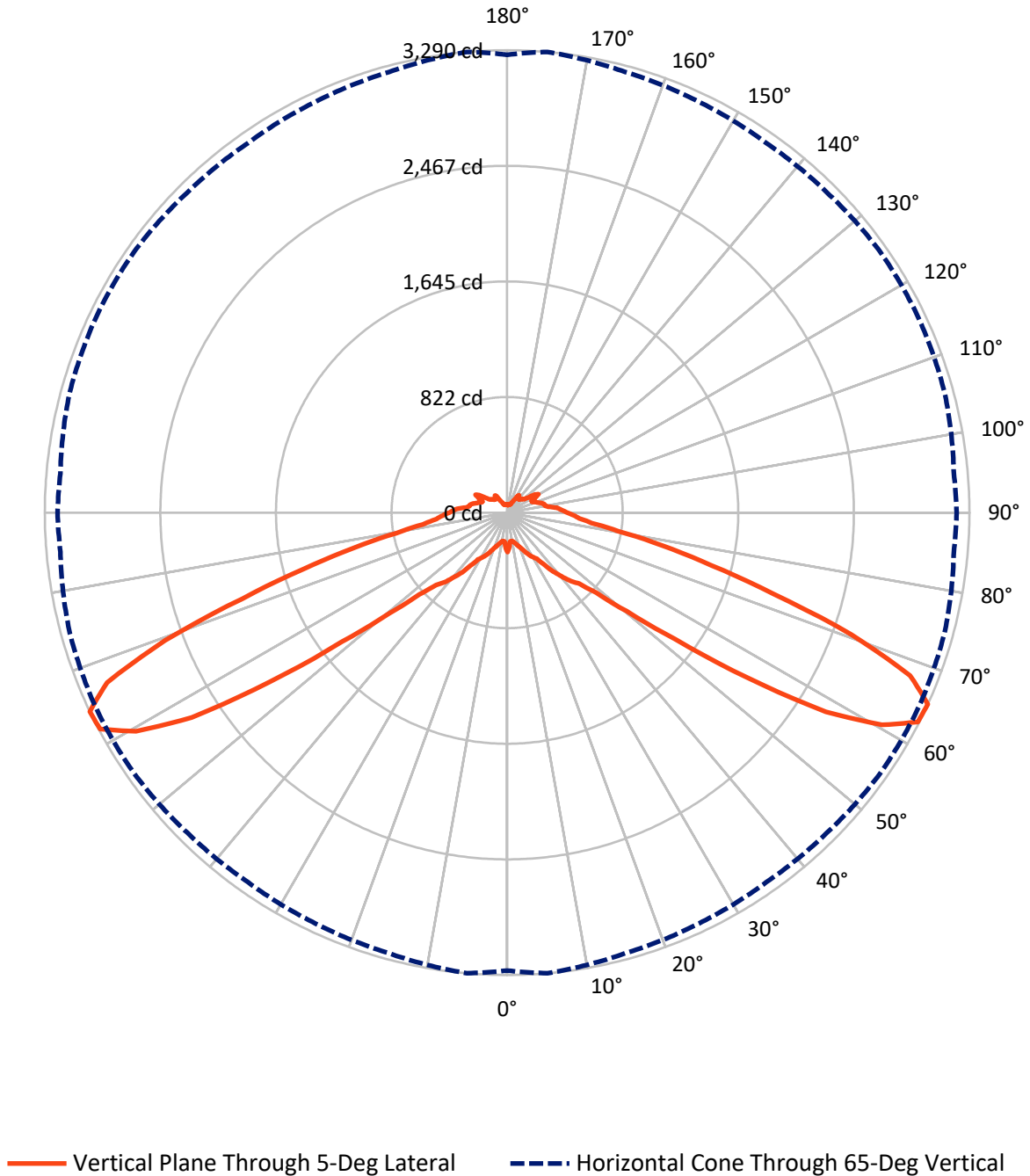
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.9 fc  
 Type V - Short - N/A

REPORT NUMBER: P856177  
CATALOG NUMBER: FFX-CLB-60-740-U-FR-T5-UPLR

### Luminous Intensity Polar Plot



REPORT NUMBER: P856177  
 CATALOG NUMBER: FFX-CLB-60-740-U-FR-T5-UPLR

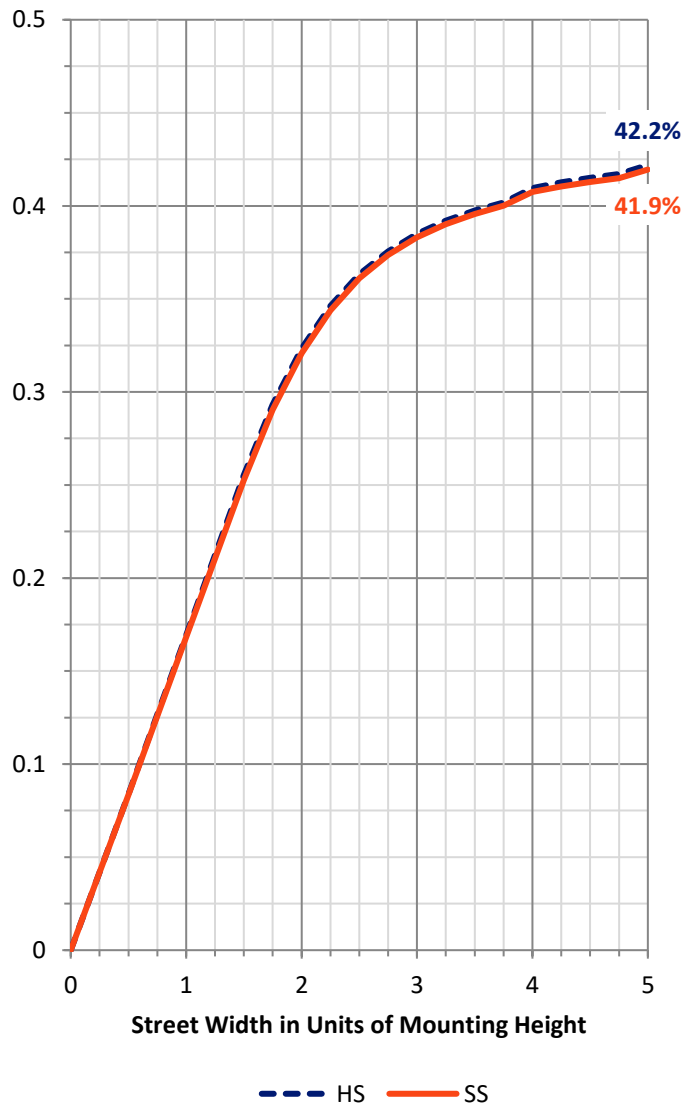
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4182.5	605.0	4787.5
	% Fixture	43.7	6.3	50.0
<b>Street Side</b>	Lumens	4182.5	605.0	4787.5
	% Fixture	43.7	6.3	50.0
<b>Total</b>	Lumens	8365.0	1210.1	9575.1
	% Fixture	87.4	12.6	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	20.4	0.2
10°-20°	67.2	0.7
20°-30°	145.7	1.5
30°-40°	295.2	3.1
40°-50°	595.2	6.2
50°-60°	1892.2	19.8
60°-70°	3051.4	31.9
70°-80°	1664.0	17.4
80°-90°	633.7	6.6
90°-100°	380.2	4.0
100°-110°	242.5	2.5
110°-120°	184.5	1.9
120°-130°	156.1	1.6
130°-140°	101.7	1.1
140°-150°	85.2	0.9
150°-160°	38.2	0.4
160°-170°	16.2	0.2
170°-180°	5.4	0.1
0°-90°	8365.0	87.4
0°-180°	9575.1	100.0



REPORT NUMBER: P856177

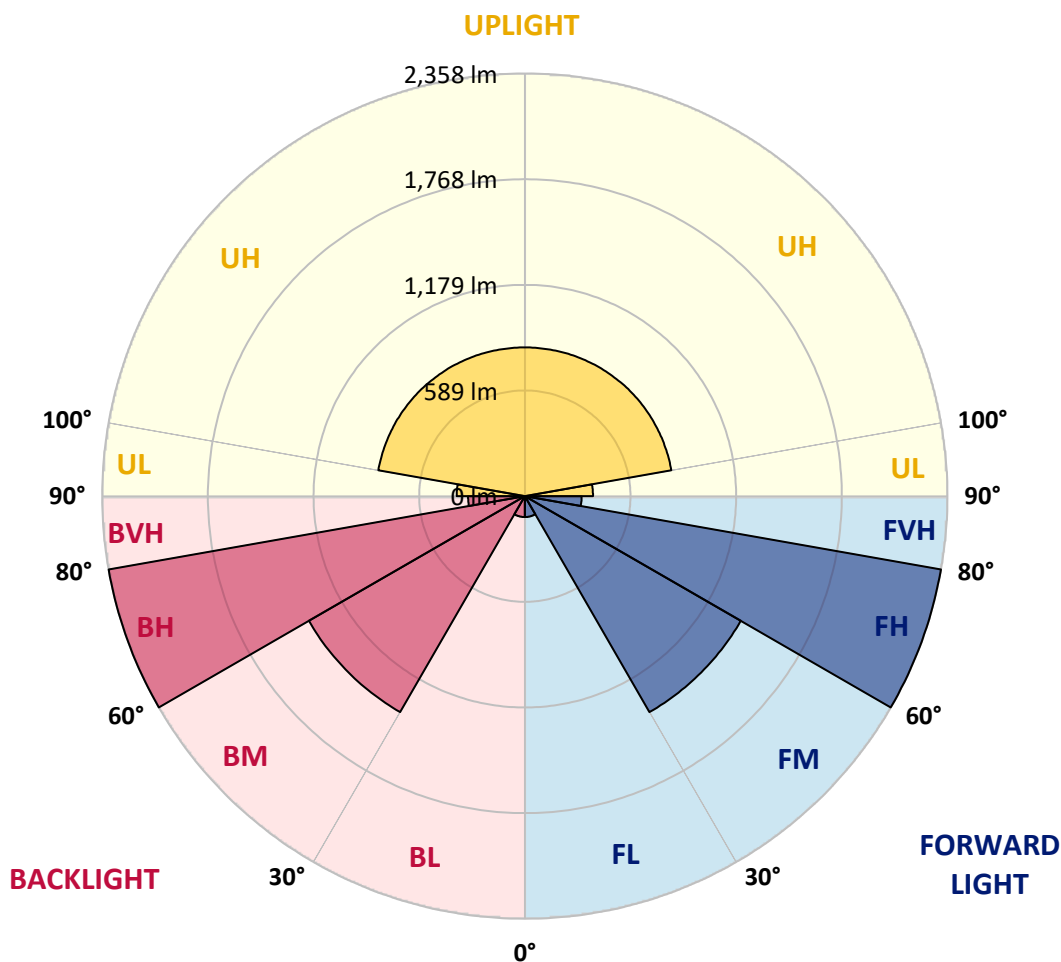
CATALOG NUMBER: FFX-CLB-60-740-U-FR-T5-UPLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	116.7	1.2			
FM (30°-60°)	1391.3	14.5			
FH (60°-80°)	2357.7	24.6			G2/5000
FVH (80°-90°)	316.8	3.3			G3/500
BL (0°-30°)	116.7	1.2	B1/500		
BM (30°-60°)	1391.3	14.5	B2/2500		
BH (60°-80°)	2357.7	24.6	B3/2500		G2/5000
BVH (80°-90°)	316.8	3.3			G3/500
UL (90°-100°)	380.2	4.0		U3/500	
UH (100°-180°)	829.8	8.7		U4/1000	

**BUG Rating: B3-U4-G3**

Type V Short





REPORT NUMBER: P856177

CATALOG NUMBER: FFX-CLB-60-740-U-FR-T5-UPLR

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0
2.5°	251.0	255.0	244.0	235.0	231.0	232.0	241.0	250.0	241.0	244.0	244.0
5°	208.0	209.0	209.0	207.0	210.0	204.0	197.0	197.0	204.0	212.0	212.0
7.5°	201.0	204.0	212.0	212.0	215.0	205.0	195.0	196.0	206.0	218.0	221.0
10°	207.0	207.0	205.0	207.0	214.0	213.0	202.0	197.0	204.0	216.0	220.0
12.5°	216.0	216.0	222.0	231.0	232.0	223.0	212.0	211.0	219.0	227.0	227.0
15°	229.0	230.0	233.0	232.0	235.0	232.0	229.0	231.0	236.0	236.0	236.0
17.5°	246.0	246.0	246.0	246.0	246.0	247.0	248.0	248.0	248.0	250.0	250.0
20°	265.0	265.0	264.0	263.0	263.0	264.0	265.0	265.0	265.0	267.0	267.0
22.5°	289.0	288.0	286.0	286.0	286.0	287.0	285.0	284.0	283.0	284.0	284.0
25°	317.0	317.0	315.0	312.0	312.0	311.0	308.0	307.0	306.0	308.0	307.0
27.5°	345.0	345.0	342.0	338.0	338.0	338.0	336.0	334.0	332.0	333.0	333.0
30°	371.0	369.0	368.0	365.0	364.0	365.0	363.0	363.0	359.0	358.0	360.0
32.5°	395.0	393.0	395.0	392.0	389.0	392.0	391.0	391.0	385.0	383.0	385.0
35°	461.0	456.0	460.0	453.0	449.0	450.0	452.0	456.0	450.0	447.0	448.0
37.5°	532.0	531.0	544.0	555.0	553.0	536.0	525.0	527.0	535.0	546.0	546.0
40°	598.0	596.0	599.0	595.0	595.0	593.0	592.0	597.0	581.0	577.0	574.0
42.5°	667.0	666.0	649.0	625.0	620.0	640.0	649.0	656.0	633.0	625.0	619.0
45°	735.0	721.0	718.0	710.0	702.0	715.0	714.0	719.0	708.0	707.0	702.0
47.5°	878.0	852.0	843.0	844.0	827.0	841.0	847.0	863.0	840.0	841.0	840.0
50°	1135.9	1102.9	1117.9	1107.9	1089.9	1106.9	1105.9	1134.9	1096.9	1110.9	1104.9
52.5°	1538.9	1493.9	1502.9	1496.9	1478.9	1513.9	1521.9	1564.9	1491.9	1509.9	1504.9
55°	2121.9	2072.9	2092.9	2020.9	2001.9	2070.9	2096.9	2146.9	2049.9	2059.9	2054.9
57.5°	2677.9	2674.9	2708.9	2657.9	2640.9	2689.9	2665.9	2709.9	2657.9	2694.9	2682.9
60°	3056.9	3064.9	3098.8	3113.8	3083.9	3109.8	3051.9	3084.9	3068.9	3122.8	3117.8
62.5°	3253.8	3279.8	3259.8	3260.8	3227.8	3247.8	3236.8	3255.8	3251.8	3256.8	3251.8
65°	3257.8	3289.8	3245.8	3225.8	3211.8	3219.8	3238.8	3238.8	3226.8	3190.8	3198.8
67.5°	3044.9	3092.9	3043.9	3015.9	3023.9	3020.9	3033.9	3016.9	3009.9	2956.9	2957.9
70°	2520.9	2597.9	2525.9	2499.9	2520.9	2533.9	2532.9	2518.9	2507.9	2441.9	2460.9
72.5°	1913.9	1981.9	1917.9	1907.9	1927.9	1947.9	1930.9	1947.9	1929.9	1899.9	1908.9
75°	1444.9	1502.9	1502.9	1540.9	1546.9	1535.9	1488.9	1507.9	1519.9	1520.9	1529.9
77.5°	1062.9	1123.9	1155.9	1217.9	1214.9	1195.9	1138.9	1160.9	1183.9	1199.9	1210.9
80°	756.0	802.0	849.0	893.0	899.0	883.0	848.0	861.0	875.0	886.0	892.0
82.5°	586.0	607.0	598.0	593.0	601.0	624.0	632.0	640.0	620.0	607.0	612.0
85°	511.0	513.0	529.0	540.0	543.0	543.0	535.0	541.0	546.0	559.0	559.0
87.5°	466.0	468.0	508.0	519.0	523.0	518.0	508.0	512.0	516.0	524.0	524.0
90°	414.0	420.0	460.0	469.0	473.0	465.0	462.0	465.0	460.0	463.0	463.0
92.5°	385.0	385.0	404.0	400.0	399.0	400.0	401.0	404.0	399.0	397.0	397.0
95°	352.0	357.0	352.0	356.0	355.0	350.0	348.0	350.0	347.0	347.0	349.0
97.5°	295.0	296.0	287.0	290.0	290.0	286.0	281.0	283.0	280.0	282.0	283.0
100°	276.0	273.0	258.0	256.0	255.0	252.0	249.0	249.0	248.0	247.0	248.0
102.5°	270.0	270.0	250.0	246.0	244.0	239.0	235.0	235.0	235.0	235.0	236.0
105°	247.0	254.0	239.0	236.0	233.0	227.0	221.0	220.0	222.0	220.0	223.0
107.5°	224.0	230.0	222.0	222.0	219.0	213.0	209.0	208.0	209.0	207.0	209.0
110°	211.0	214.0	205.0	205.0	203.0	198.0	197.0	196.0	196.0	193.0	195.0



REPORT NUMBER: P856177

CATALOG NUMBER: FFX-CLB-60-740-U-FR-T5-UPLR

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	195.0	195.0	188.0	186.0	186.0	183.0	182.0	181.0	181.0	181.0	182.0
115°	194.0	193.0	182.0	175.0	174.0	173.0	174.0	173.0	173.0	172.0	172.0
117.5°	237.0	227.0	190.0	173.0	173.0	174.0	178.0	175.0	168.0	168.0	167.0
120°	256.0	258.0	219.0	201.0	197.0	192.0	191.0	189.0	182.0	181.0	185.0
122.5°	226.0	236.0	212.0	205.0	201.0	195.0	191.0	190.0	190.0	185.0	192.0
125°	176.0	185.0	173.0	172.0	171.0	172.0	170.0	170.0	172.0	169.0	170.0
127.5°	151.0	155.0	150.0	150.0	149.0	148.0	146.0	147.0	146.0	147.0	148.0
130°	145.0	148.0	143.0	141.0	141.0	142.0	142.0	142.0	139.0	137.0	138.0
132.5°	144.0	143.0	135.0	131.0	131.0	138.0	141.0	141.0	134.0	129.0	129.0
135°	130.0	131.0	130.0	125.0	126.0	128.0	131.0	132.0	125.0	122.0	123.0
137.5°	125.0	128.0	129.0	127.0	127.0	125.0	124.0	125.0	123.0	124.0	124.0
140°	125.0	126.0	129.0	131.0	129.0	127.0	127.0	127.0	128.0	131.0	133.0
142.5°	128.0	129.0	128.0	127.0	130.0	135.0	139.0	139.0	136.0	134.0	135.0
145°	147.0	150.0	150.0	147.0	149.0	147.0	147.0	145.0	145.0	145.0	146.0
147.5°	140.0	139.0	141.0	144.0	141.0	140.0	140.0	141.0	143.0	144.0	145.0
150°	110.0	107.0	109.0	115.0	114.0	114.0	114.0	115.0	116.0	116.0	117.0
152.5°	87.0	87.0	89.0	89.0	90.0	90.0	89.0	89.0	89.0	90.0	90.0
155°	78.0	77.0	79.0	82.0	80.0	80.0	80.0	80.0	80.0	80.0	81.0
157.5°	68.0	67.0	67.0	68.0	68.0	68.0	68.0	69.0	69.0	68.0	69.0
160°	62.0	62.0	61.0	61.0	61.0	62.0	63.0	63.0	62.0	61.0	61.0
162.5°	59.0	59.0	57.0	56.0	56.0	57.0	59.0	59.0	57.0	56.0	56.0
165°	59.0	58.0	55.0	53.0	53.0	55.0	58.0	58.0	55.0	53.0	53.0
167.5°	58.0	58.0	56.0	54.0	54.0	56.0	57.0	58.0	57.0	55.0	54.0
170°	56.0	56.0	57.0	57.0	56.0	56.0	56.0	56.0	57.0	57.0	57.0
172.5°	58.0	57.0	58.0	59.0	59.0	58.0	57.0	57.0	58.0	59.0	59.0
175°	59.0	59.0	58.0	58.0	58.0	57.0	57.0	57.0	58.0	59.0	58.0
177.5°	53.0	53.0	52.0	53.0	53.0	53.0	52.0	53.0	53.0	53.0	54.0
180°	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0



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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-1

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**

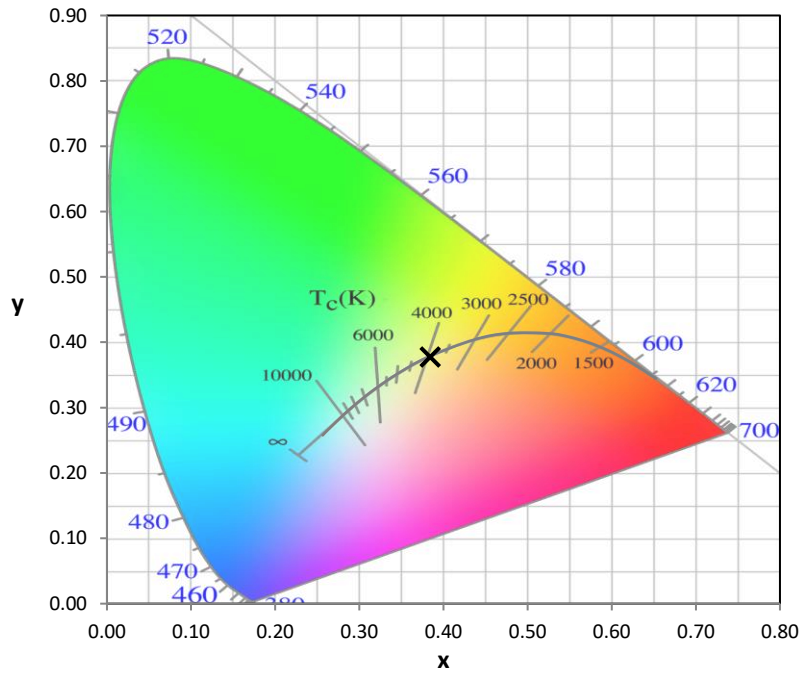
Stabilization Time: 0.818109M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.6

REPORT NUMBER: SP1-2406-133-1

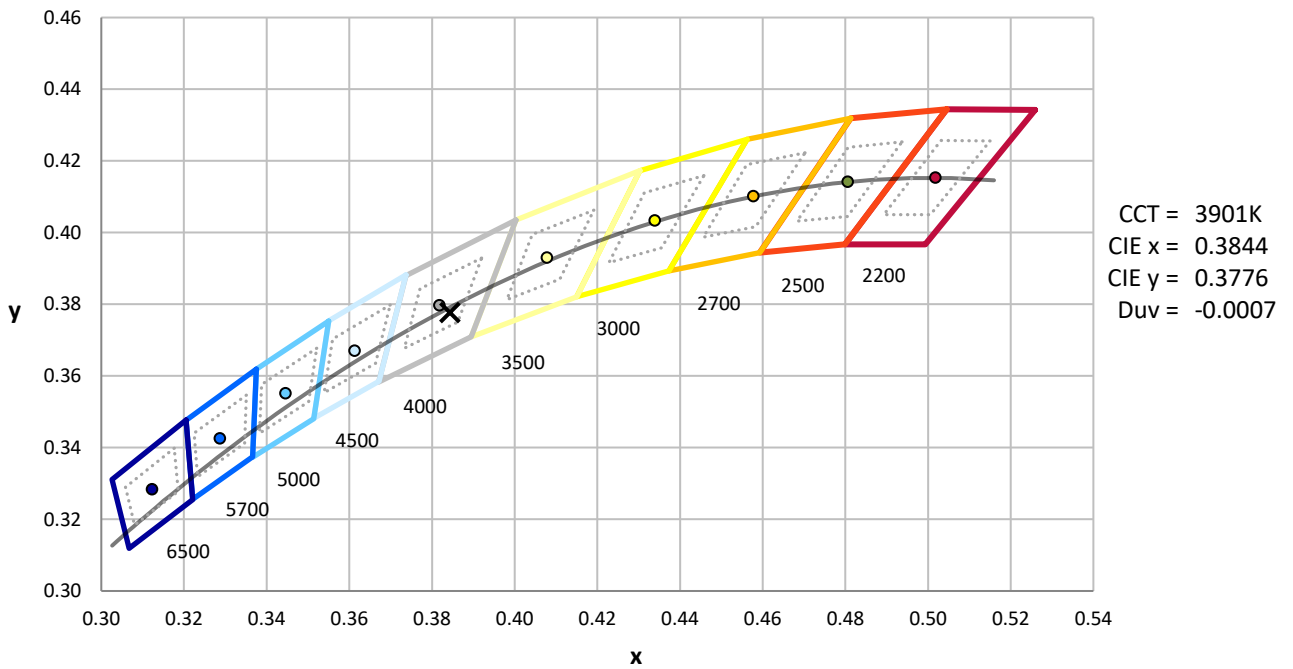
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2406-133-1

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

REPORT NUMBER: SP1-2406-133-1

**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			

REPORT NUMBER: SP1-2406-133-1

**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			

REPORT NUMBER: SP1-2406-133-1

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			

REPORT NUMBER: SP1-2406-133-1

TM-30-18

**Summary**

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



**Color Vector Graphics**





REPORT NUMBER: SP1-2406-133-1

TM-30-18

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

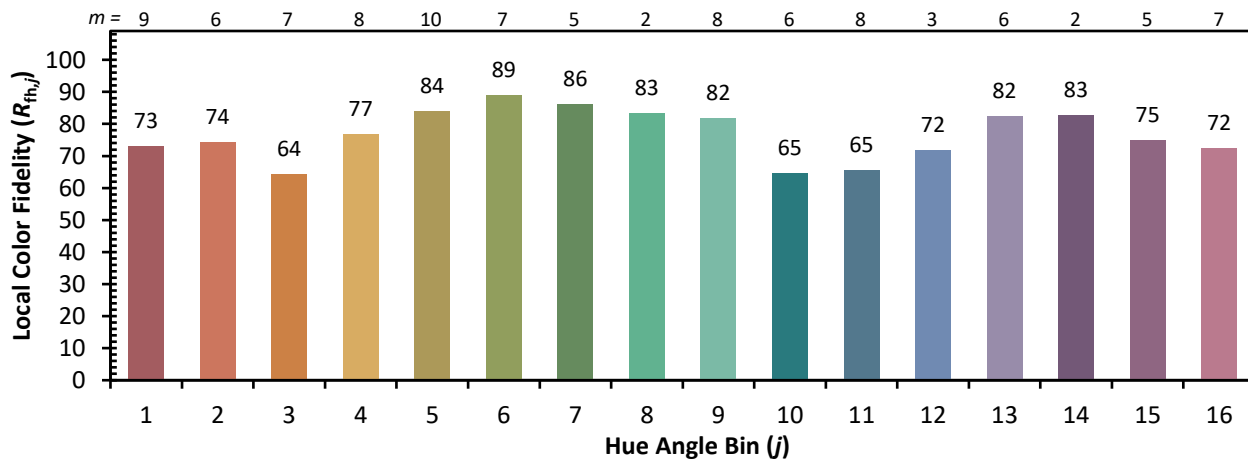
CES01 = 85	CES26 = 67	CES51 = 89	CES76 = 56
CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 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
CES25 = 72	CES50 = 89	CES75 = 56	



REPORT NUMBER: SP1-2406-133-1

TM-30-18

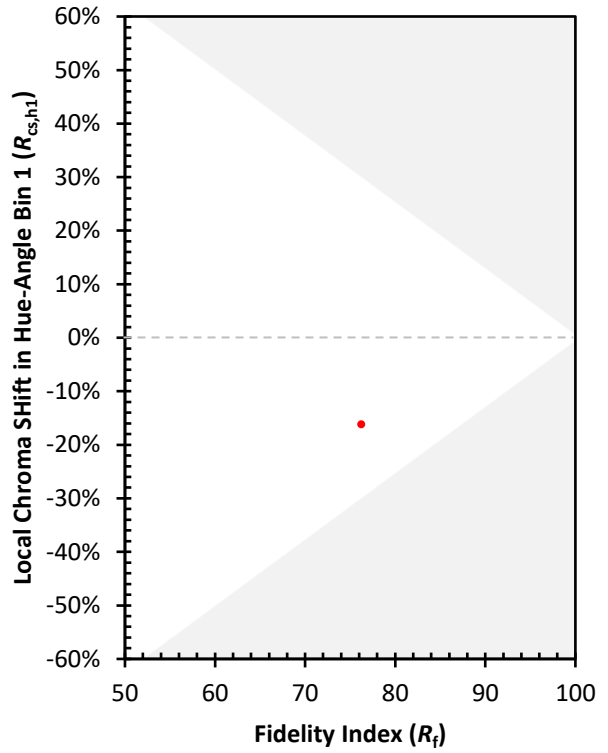
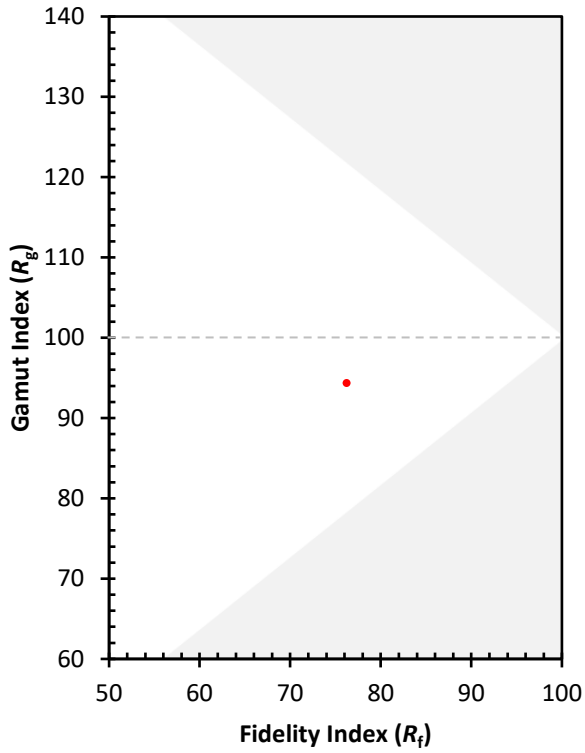
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-1

TM-30-18

Measure Comparisons



(END OF REPORT)