

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: P856251

Luminaire Tested: **FFX-CLB-40-727-U-PG**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856251  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-40-727-U-PG  
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE  
Light Source: (6) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

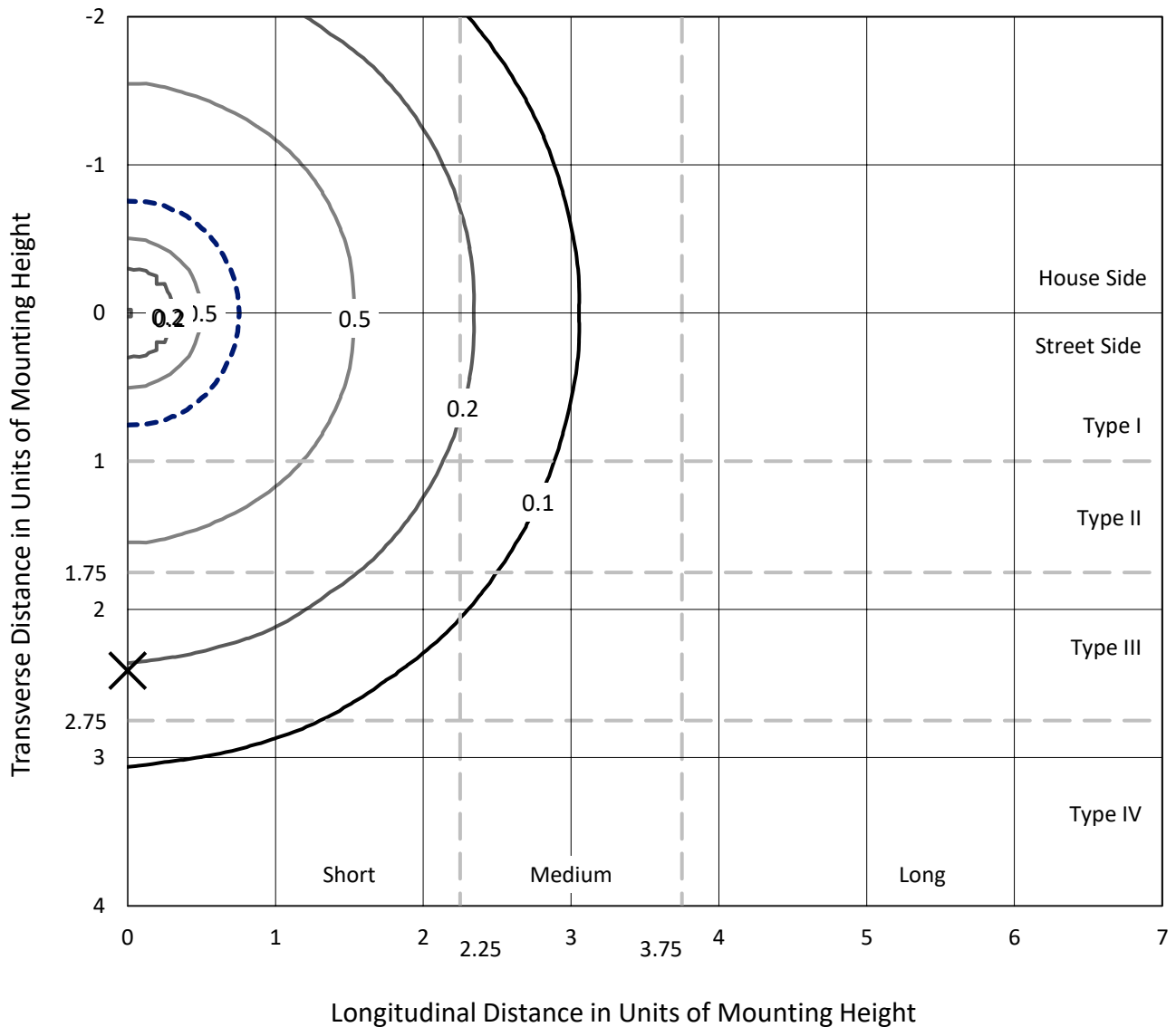
Lumens per Lamp: N/A  
Luminaire Lumens: 6014 lumens  
Efficiency: N/A  
Efficacy: 153.0 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')  
IES Classification: Type V - Short  
BUG Rating: B2 - U5 - G3

Input Watts (W): 39.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 8.2%%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

REPORT NUMBER: P856251  
 CATALOG NUMBER: FFX-CLB-40-727-U-PG

### Iso-Footcandle Lines of Horizontal Illumination

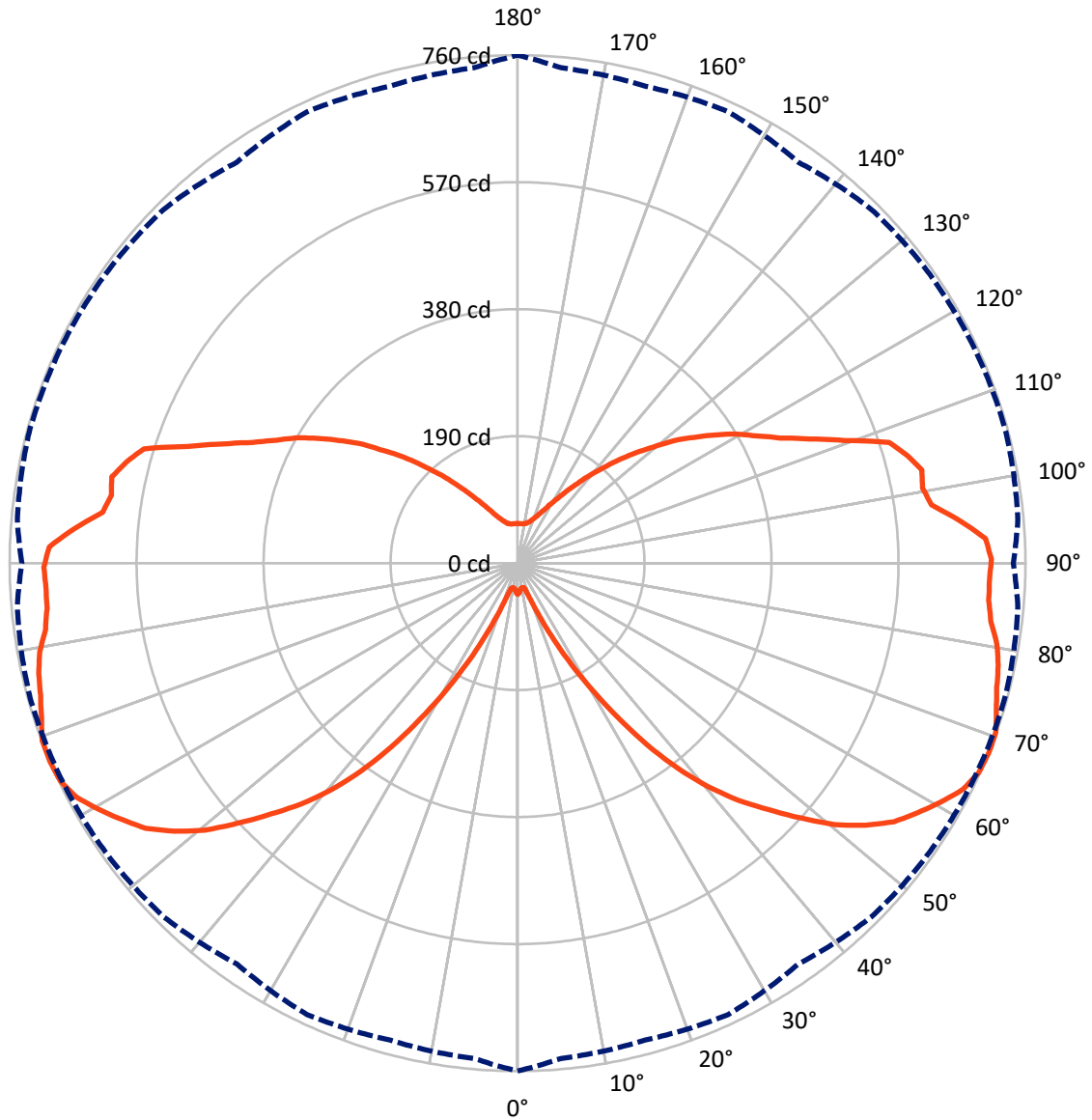
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.9 fc  
 Type V - Short - N/A

REPORT NUMBER: P856251  
CATALOG NUMBER: FFX-CLB-40-727-U-PG

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P856251  
 CATALOG NUMBER: FFX-CLB-40-727-U-PG

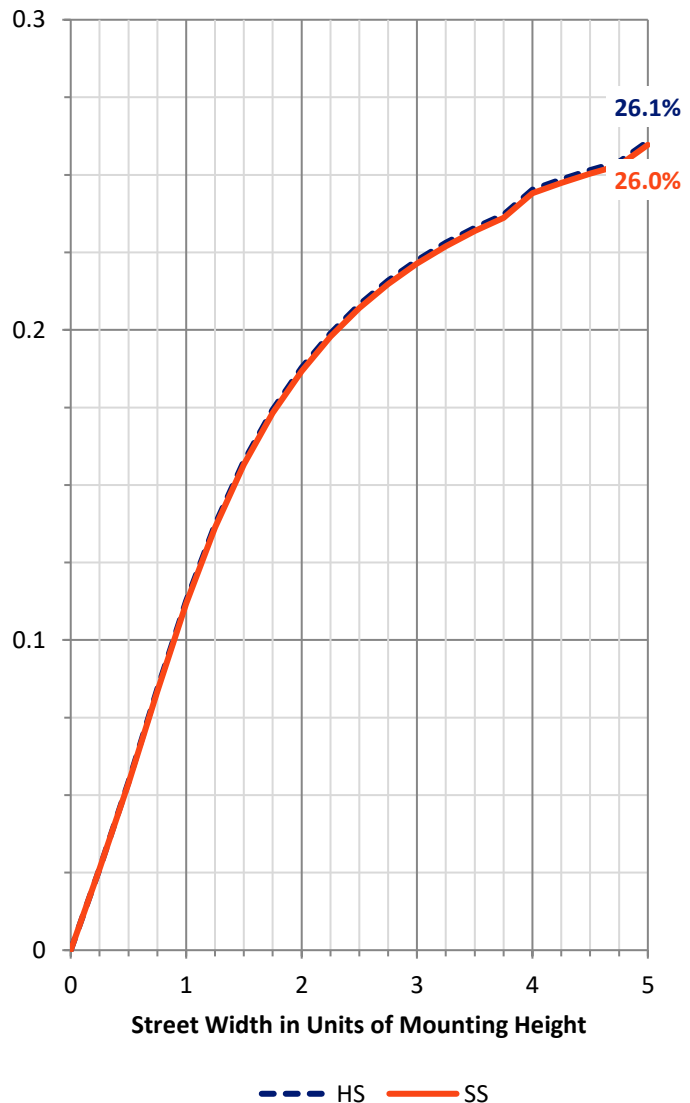
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1794.1	1212.9	3007.0
	% Fixture	29.8	20.2	50.0
<b>Street Side</b>	Lumens	1794.1	1212.9	3007.0
	% Fixture	29.8	20.2	50.0
<b>Total</b>	Lumens	3588.2	2425.8	6014.0
	% Fixture	59.7	40.3	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.9	0.1
10°-20°	12.8	0.2
20°-30°	64.2	1.1
30°-40°	211.0	3.5
40°-50°	408.2	6.8
50°-60°	604.0	10.0
60°-70°	734.3	12.2
70°-80°	775.2	12.9
80°-90°	774.6	12.9
90°-100°	724.6	12.0
100°-110°	644.6	10.7
110°-120°	440.9	7.3
120°-130°	296.1	4.9
130°-140°	172.0	2.9
140°-150°	84.7	1.4
150°-160°	39.1	0.7
160°-170°	18.1	0.3
170°-180°	5.7	0.1
0°-90°	3588.2	59.7
0°-180°	6014.0	100.0



REPORT NUMBER: P856251

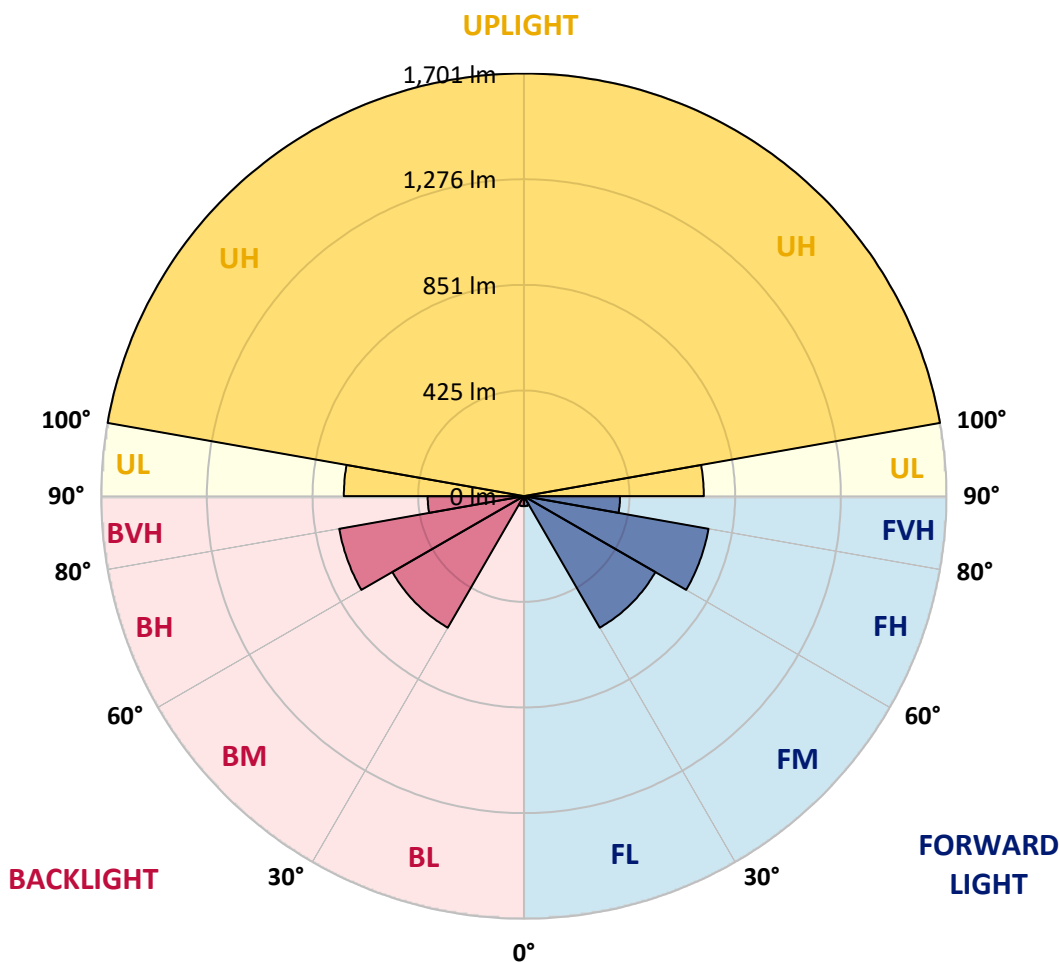
CATALOG NUMBER: FFX-CLB-40-727-U-PG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	40.5	0.7			
FM (30°-60°)	611.6	10.2			
FH (60°-80°)	754.8	12.5			G1/1800
FVH (80°-90°)	387.3	6.4			G3/500
BL (0°-30°)	40.5	0.7	B0/110		
BM (30°-60°)	611.6	10.2	B1/1000		
BH (60°-80°)	754.8	12.5	B2/1000		G1/1800
BVH (80°-90°)	387.3	6.4			G3/500
UL (90°-100°)	724.6	12.0		U4/1000	
UH (100°-180°)	1701.2	28.3		U5	

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

Type V Short





REPORT NUMBER: P856251  
 CATALOG NUMBER: FFX-CLB-40-727-U-PG

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
2.5°	44.8	44.4	44.0	43.6	44.0	44.4	45.1	45.5	45.5	45.5	45.5
5°	40.6	41.0	41.4	41.7	41.7	41.7	41.7	42.1	42.5	42.5	42.5
7.5°	38.3	38.3	38.7	39.8	40.2	39.8	39.8	40.2	39.1	37.9	37.6
10°	37.2	37.2	37.6	37.9	38.3	39.1	39.5	39.5	39.5	39.5	39.1
12.5°	37.6	37.2	37.6	37.9	38.7	39.1	38.3	38.3	39.1	39.8	40.2
15°	39.5	39.1	39.1	39.8	40.2	40.2	39.5	39.5	39.8	40.6	40.6
17.5°	47.8	47.0	46.7	47.0	46.7	47.0	46.7	47.4	47.4	47.0	46.7
20°	65.2	64.5	63.4	63.0	63.4	64.5	64.9	66.0	64.9	64.5	63.0
22.5°	92.6	91.4	90.7	90.7	91.8	92.6	92.2	93.7	92.9	92.6	91.0
25°	127.5	126.7	127.1	129.0	130.9	129.7	126.7	129.0	129.0	128.6	128.2
27.5°	171.1	168.4	169.6	174.5	176.0	173.0	169.6	172.2	173.4	173.7	173.7
30°	220.8	218.9	218.5	223.8	225.7	223.1	220.8	223.8	223.8	225.0	225.0
32.5°	274.7	273.5	271.6	274.7	277.7	276.9	276.9	279.2	278.4	279.6	280.0
35°	333.8	331.6	327.8	328.1	331.6	331.9	334.6	336.1	335.4	335.0	335.0
37.5°	389.6	386.6	383.2	381.3	385.4	385.0	391.1	391.1	389.6	390.0	390.0
40°	440.1	438.2	435.5	430.2	438.2	436.6	443.8	443.8	439.7	440.8	440.1
42.5°	485.2	485.2	482.2	474.2	482.5	481.0	490.5	490.5	484.8	484.4	483.3
45°	525.8	527.7	526.2	519.0	522.0	523.1	532.2	530.3	525.8	525.8	523.9
47.5°	569.4	571.3	566.0	558.4	561.8	563.7	572.1	571.3	568.7	565.2	565.2
50°	614.9	615.3	604.7	595.6	598.6	608.5	614.6	616.1	610.4	602.4	602.0
52.5°	651.0	653.3	643.0	633.1	635.4	646.8	653.6	654.0	646.8	635.4	638.8
55°	682.8	685.1	674.9	666.2	670.7	676.8	684.7	680.2	680.6	668.4	674.1
57.5°	704.5	712.1	695.0	693.1	697.3	704.5	707.9	706.7	709.0	697.6	699.5
60°	726.1	729.5	715.1	717.7	712.8	725.7	728.4	731.0	725.0	717.0	717.0
62.5°	746.6	738.2	728.0	734.4	721.2	737.5	740.5	743.5	737.1	729.5	731.0
65°	757.2	742.0	733.3	741.3	728.4	743.2	748.1	749.2	748.1	740.9	737.5
67.5°	759.5	743.5	738.2	744.7	731.8	748.1	752.6	754.9	756.1	750.8	741.3
70°	758.7	741.6	737.1	743.2	734.8	750.0	750.4	753.8	755.3	757.6	747.0
72.5°	748.5	733.7	732.5	737.9	730.3	740.1	740.5	744.7	742.4	749.6	744.3
75°	740.1	730.3	732.2	731.0	723.4	729.1	730.6	735.6	727.2	734.1	738.6
77.5°	734.8	729.5	734.1	728.0	720.0	723.8	726.1	731.8	719.3	725.0	738.2
80°	726.5	725.0	730.6	721.5	714.7	718.1	721.9	726.9	713.2	717.0	736.0
82.5°	712.8	714.0	719.3	708.6	704.1	707.9	712.4	720.0	706.0	708.3	728.4
85°	706.7	711.7	714.3	703.7	698.4	700.7	705.6	713.6	698.8	702.2	722.7
87.5°	706.0	712.1	714.0	704.8	700.3	703.7	706.0	717.4	701.4	705.6	726.5
90°	708.3	710.5	711.7	703.7	699.9	705.2	705.6	719.6	703.7	704.8	723.4
92.5°	700.7	701.1	703.3	696.1	695.7	699.5	698.8	710.5	693.1	690.4	706.4
95°	663.9	660.8	665.8	662.0	669.9	675.6	682.1	696.9	688.2	690.4	704.1
97.5°	624.8	625.6	627.1	621.0	619.9	622.1	624.8	632.4	629.7	632.0	644.9
100°	615.7	618.4	618.0	614.9	602.4	599.8	594.1	586.1	575.5	577.0	578.9
102.5°	620.3	627.5	628.6	632.8	632.8	630.9	635.0	631.6	633.5	644.5	638.5
105°	603.9	612.3	617.6	622.1	630.9	638.1	657.4	669.2	678.7	692.0	690.1
107.5°	584.2	588.4	592.2	592.2	589.9	588.8	599.4	601.3	598.6	602.0	602.4
110°	522.8	522.4	526.2	524.7	525.8	519.7	522.8	533.0	530.7	537.6	538.7



REPORT NUMBER: P856251  
 CATALOG NUMBER: FFX-CLB-40-727-U-PG

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	475.0	475.0	477.6	473.8	474.2	469.3	471.2	478.0	478.4	484.1	487.1
115°	434.7	434.0	437.8	434.7	431.3	430.2	432.1	436.3	437.4	441.2	447.3
117.5°	404.8	401.0	404.0	404.4	405.9	402.9	407.4	410.1	411.6	414.6	419.6
120°	380.1	376.3	377.5	381.3	385.8	379.4	384.3	386.6	387.7	388.8	391.1
122.5°	352.0	349.4	348.3	355.8	358.5	352.8	355.5	358.9	360.8	362.7	364.6
125°	323.6	321.3	320.2	327.0	329.7	325.1	328.9	333.8	333.1	337.3	333.5
127.5°	297.8	297.0	295.5	298.9	300.8	300.5	303.9	309.9	307.3	311.1	306.9
130°	267.1	270.1	267.8	272.0	272.4	275.4	276.6	282.2	279.6	280.3	277.7
132.5°	242.0	243.2	242.0	243.5	244.7	244.7	247.7	253.8	249.6	249.2	247.0
135°	216.6	217.0	215.5	217.8	218.5	216.6	219.6	224.2	221.9	220.8	220.8
137.5°	191.6	191.2	191.6	192.3	193.1	192.7	194.2	197.6	196.9	195.4	197.3
140°	170.3	169.2	169.6	170.0	169.6	169.6	171.1	174.1	174.1	172.2	174.1
142.5°	149.1	148.7	148.7	148.7	148.7	149.5	151.0	151.7	152.5	151.0	150.6
145°	131.3	130.9	130.5	130.5	130.5	130.9	132.4	132.0	133.5	132.0	130.9
147.5°	115.3	115.7	114.9	114.6	114.2	115.3	115.7	116.5	117.2	116.5	115.3
150°	102.4	102.0	102.0	101.3	101.3	102.4	102.0	102.8	103.6	103.2	102.8
152.5°	91.0	91.0	91.0	90.3	90.7	91.4	91.4	91.4	92.2	92.2	91.8
155°	81.9	81.9	81.9	81.6	81.6	82.3	82.3	82.3	82.7	82.7	82.7
157.5°	75.1	75.1	74.7	74.7	74.7	75.1	74.7	74.7	75.1	75.1	75.1
160°	69.8	69.8	69.4	69.4	69.0	69.4	69.0	69.0	69.4	69.4	69.4
162.5°	65.6	65.6	65.2	65.2	65.2	65.2	65.2	64.9	64.9	65.2	64.9
165°	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.2	62.2	62.2	62.2
167.5°	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
170°	59.6	59.6	59.6	59.9	59.9	59.9	59.6	59.6	59.9	59.9	59.6
172.5°	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
175°	59.2	59.2	59.2	59.2	59.2	59.2	58.8	59.2	59.2	59.2	59.2
177.5°	59.2	58.8	58.8	59.2	59.2	58.8	58.8	58.8	58.8	58.8	58.8
180°	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2



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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-3

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-727-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-727-U-FR-T5.

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2406-133-3  
 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-100-727-U-FR-T5**  
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

**Spectral Parameters**

CCT (K): 2707  
 CIE u': 0.2624  
 CIE v': 0.5261  
 Duv: -0.0007  
 CIE x: 0.4580  
 CIE y: 0.4082  
 CIE z: 0.1338  
 Peak Wavelength (nm): 599  
 Dominant Wavelength (nm): 584  
 Purity: 59.99901  
 Rf: 75.5  
 Rg: 92.5

CRI (Ra):	71.3		
R1:	67.8	R9:	-34.9
R2:	84.5	R10:	65.1
R3:	94.2	R11:	59.2
R4:	64.8	R12:	54.2
R5:	66.9	R13:	71.2
R6:	79.2	R14:	97.5
R7:	74.4	R15:	59.4
R8:	38.8		



**Test Conditions**

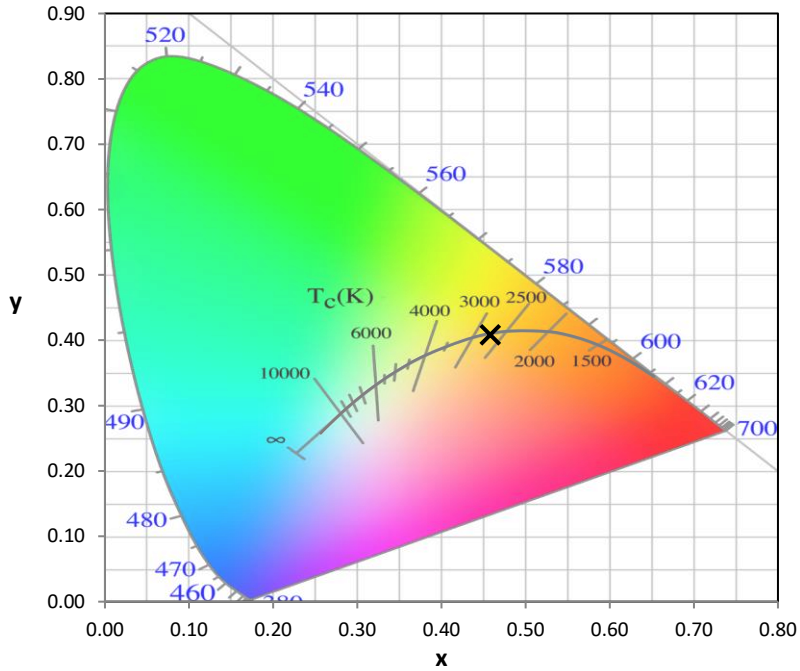
Stabilization Time: 0.813602M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-3

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: SP1-2406-133-3

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-3

**Photopic Flux vs. Wavelength**

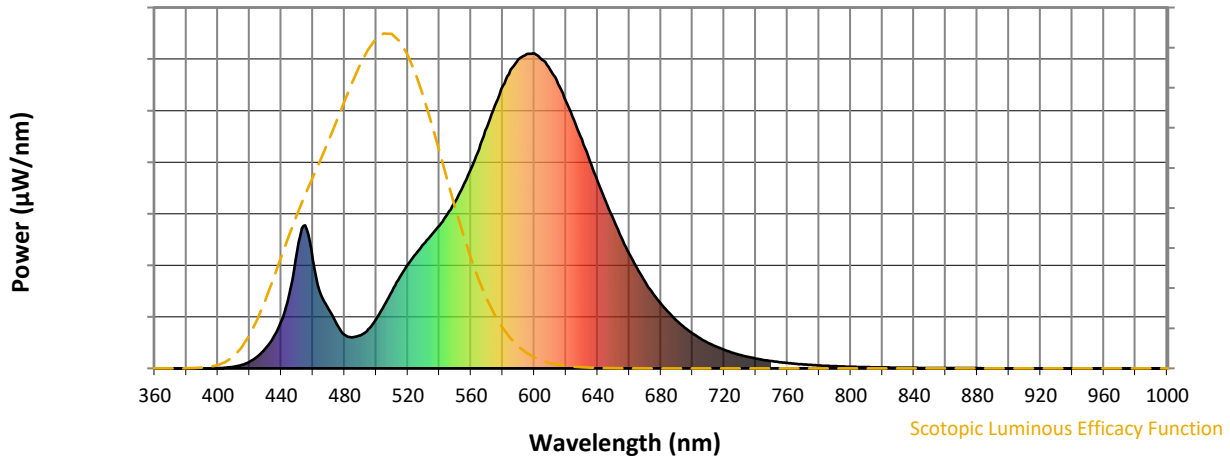


**Photopic Lumens: NR**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-3

**Scotopic Flux vs. Wavelength**



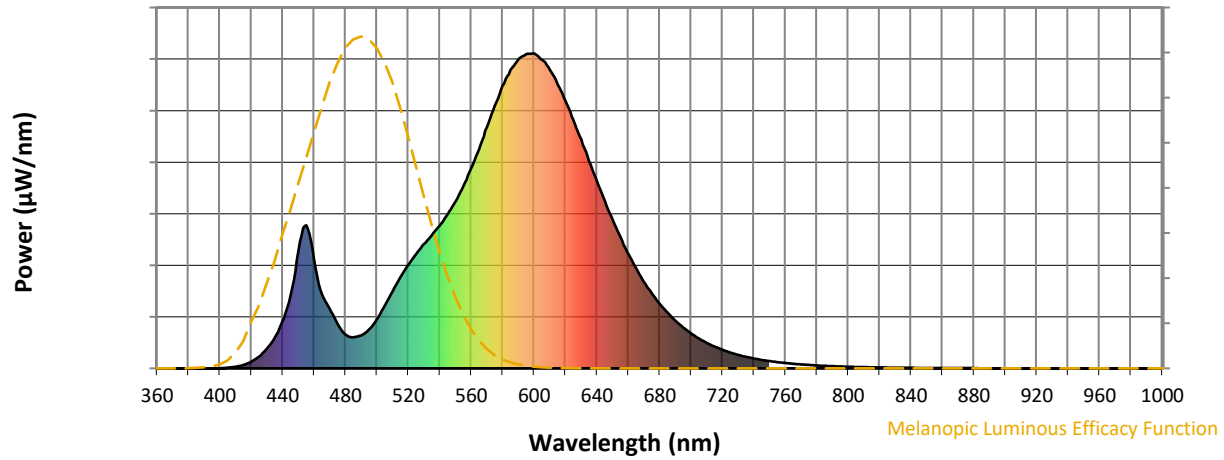
**Scotopic Lumens: NR**

**S/P: 1.12**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.03

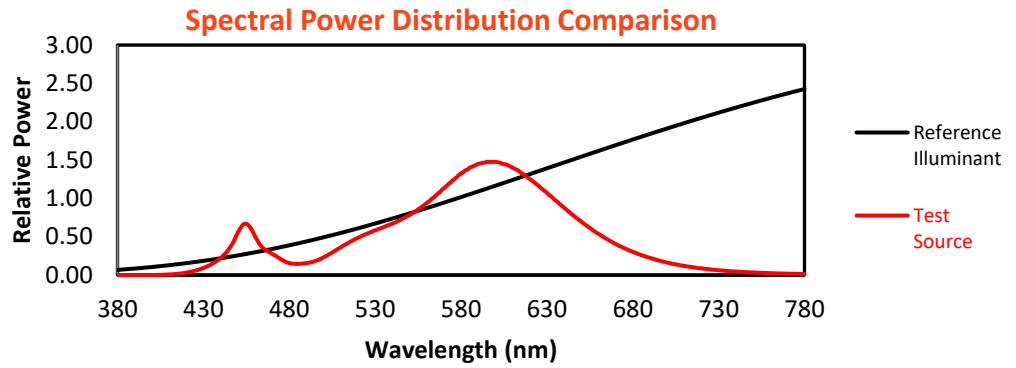
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-3

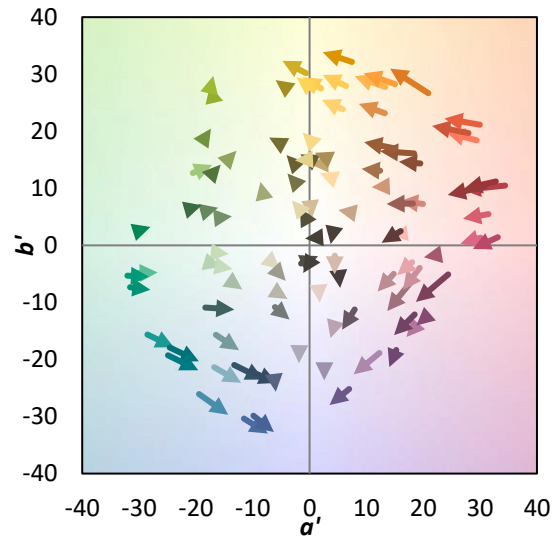
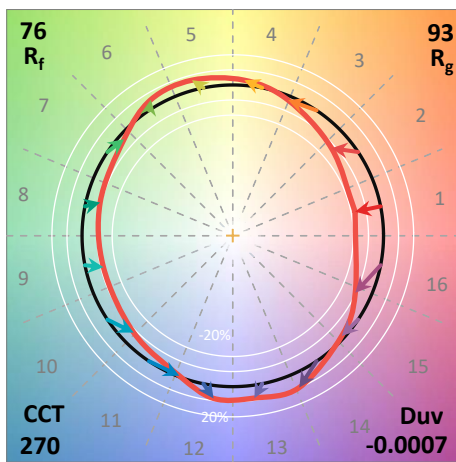
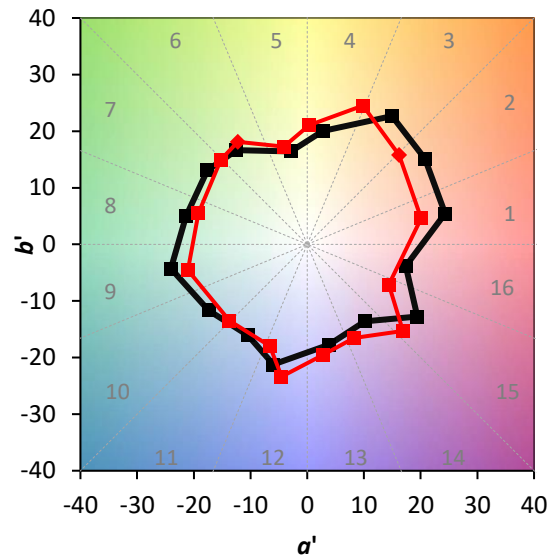
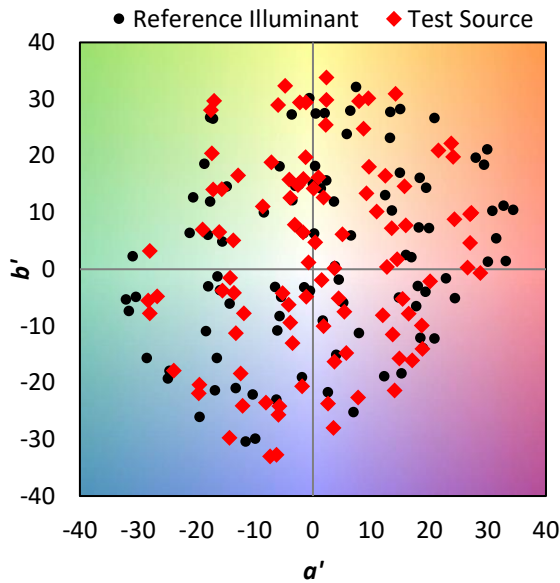
TM-30-18

**Summary**

$R_f = 75.5$   
 $R_g = 92.5$   
 CIE  $R_a = 71.3$   
 $R_9 = -34.9$



**Color Vector Graphics**





REPORT NUMBER: SP1-2406-133-3

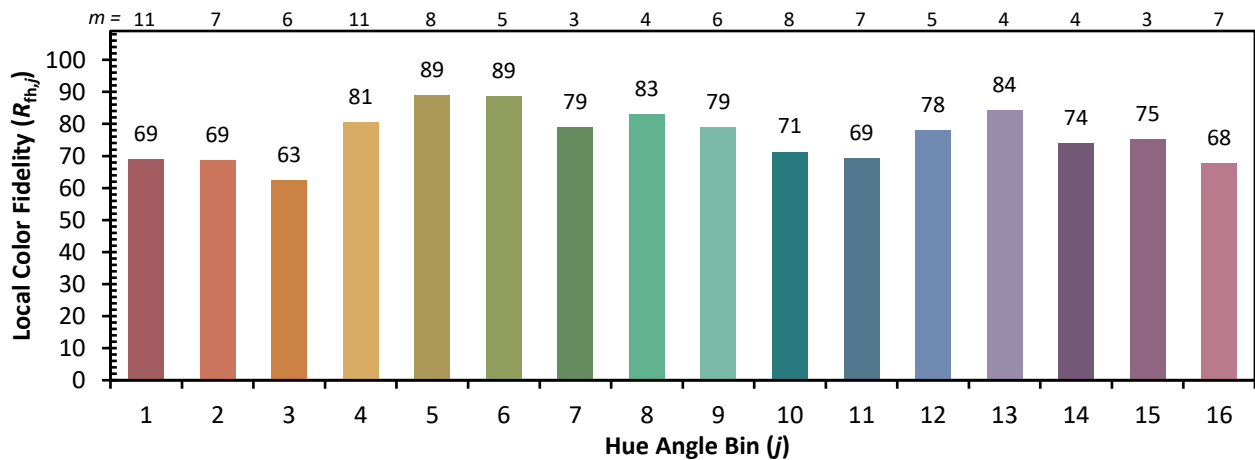
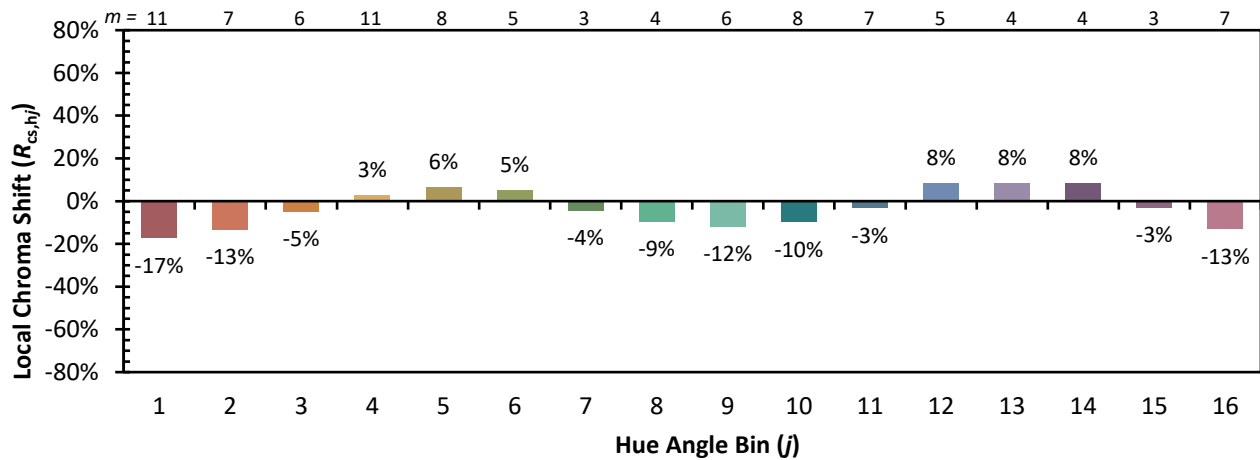
TM-30-18

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

CES01 = 86	CES26 = 69	CES51 = 86	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 83	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 77	CES78 = 68
CES04 = 71	CES29 = 75	CES54 = 85	CES79 = 87
CES05 = 50	CES30 = 90	CES55 = 83	CES80 = 85
CES06 = 52	CES31 = 77	CES56 = 75	CES81 = 67
CES07 = 42	CES32 = 68	CES57 = 73	CES82 = 93
CES08 = 41	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 80	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 89	CES85 = 71
CES11 = 60	CES36 = 90	CES61 = 80	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 87	CES87 = 77
CES13 = 43	CES38 = 99	CES63 = 78	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 65
CES15 = 72	CES40 = 94	CES65 = 66	CES90 = 81
CES16 = 48	CES41 = 96	CES66 = 60	CES91 = 78
CES17 = 51	CES42 = 90	CES67 = 58	CES92 = 54
CES18 = 57	CES43 = 80	CES68 = 66	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 66
CES21 = 88	CES46 = 82	CES71 = 60	CES96 = 76
CES22 = 80	CES47 = 90	CES72 = 86	CES97 = 80
CES23 = 92	CES48 = 75	CES73 = 57	CES98 = 75
CES24 = 91	CES49 = 80	CES74 = 92	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



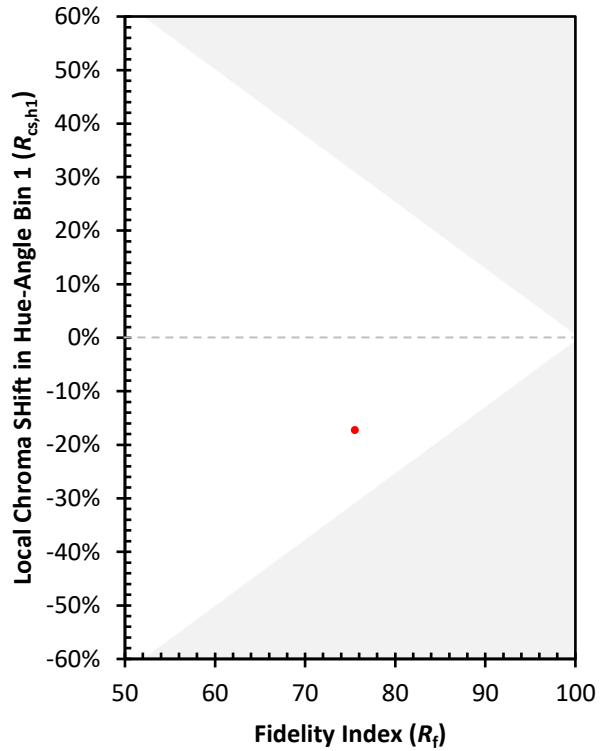
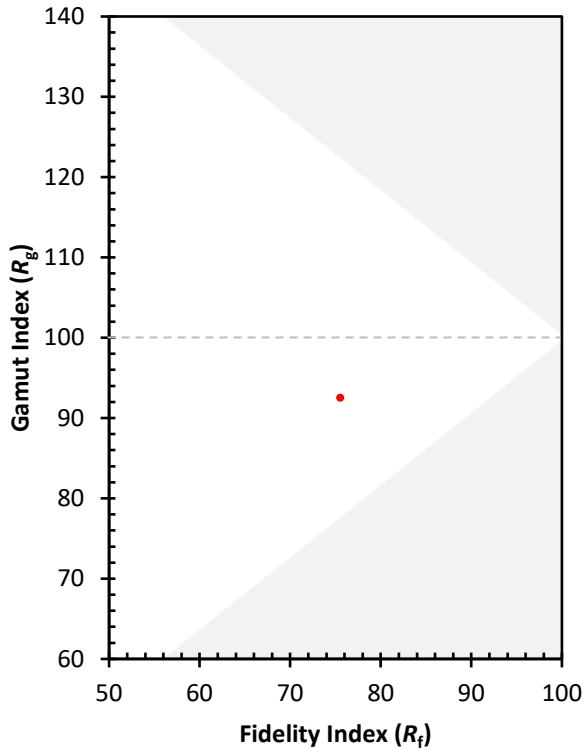
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-3

TM-30-18

Measure Comparisons



(END OF REPORT)