

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: P856241

Luminaire Tested: **FFX-CLB-50-722-U-PG**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856241  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-50-722-U-PG  
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE  
Light Source: (6) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

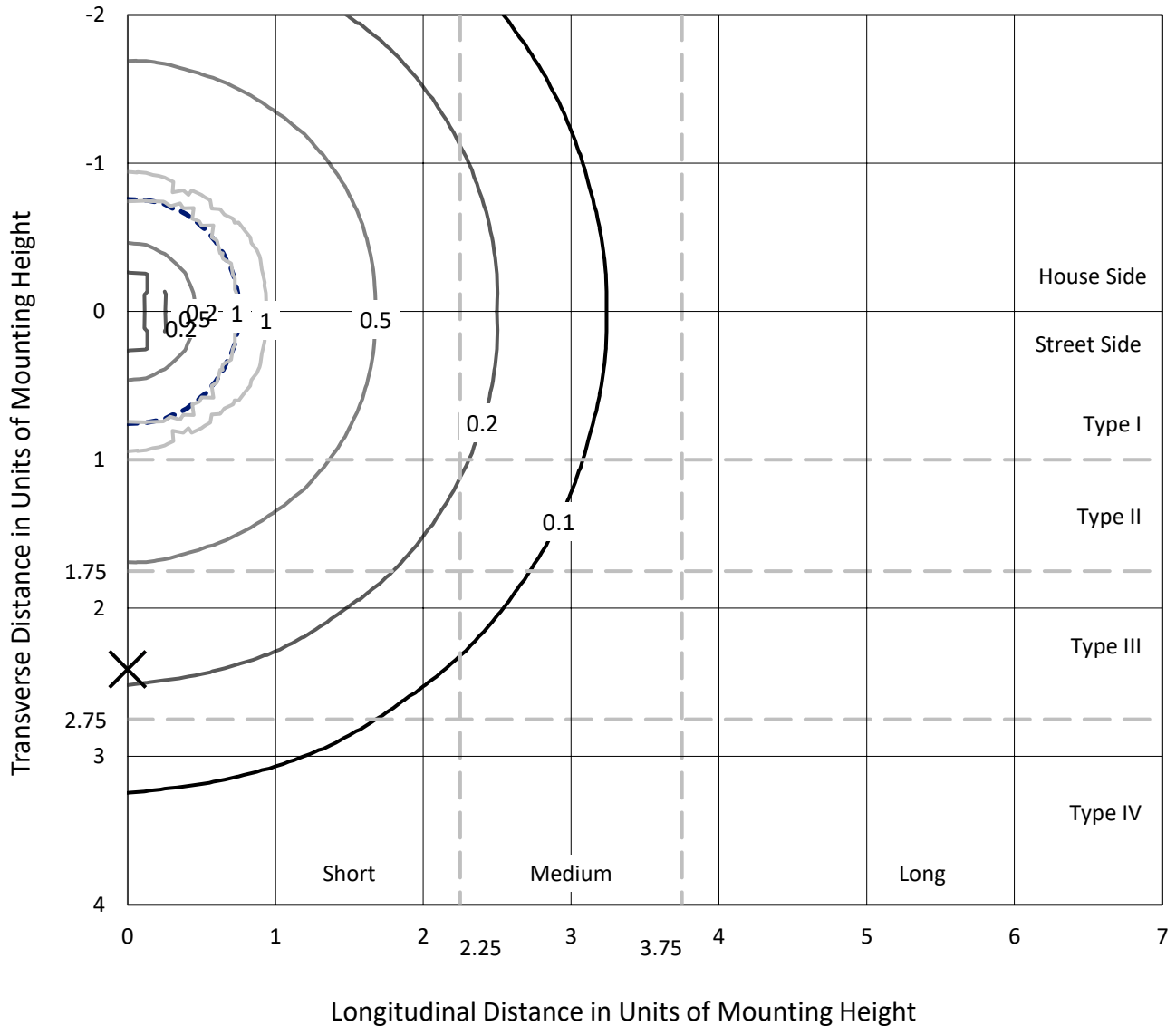
Lumens per Lamp: N/A  
Luminaire Lumens: 7092.1 lumens  
Efficiency: N/A  
Efficacy: 140.4 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')  
IES Classification: Type V - Short  
BUG Rating: B2 - U5 - G3

Input Watts (W): 50.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 6.0%%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

REPORT NUMBER: P856241  
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### Iso-Footcandle Lines of Horizontal Illumination

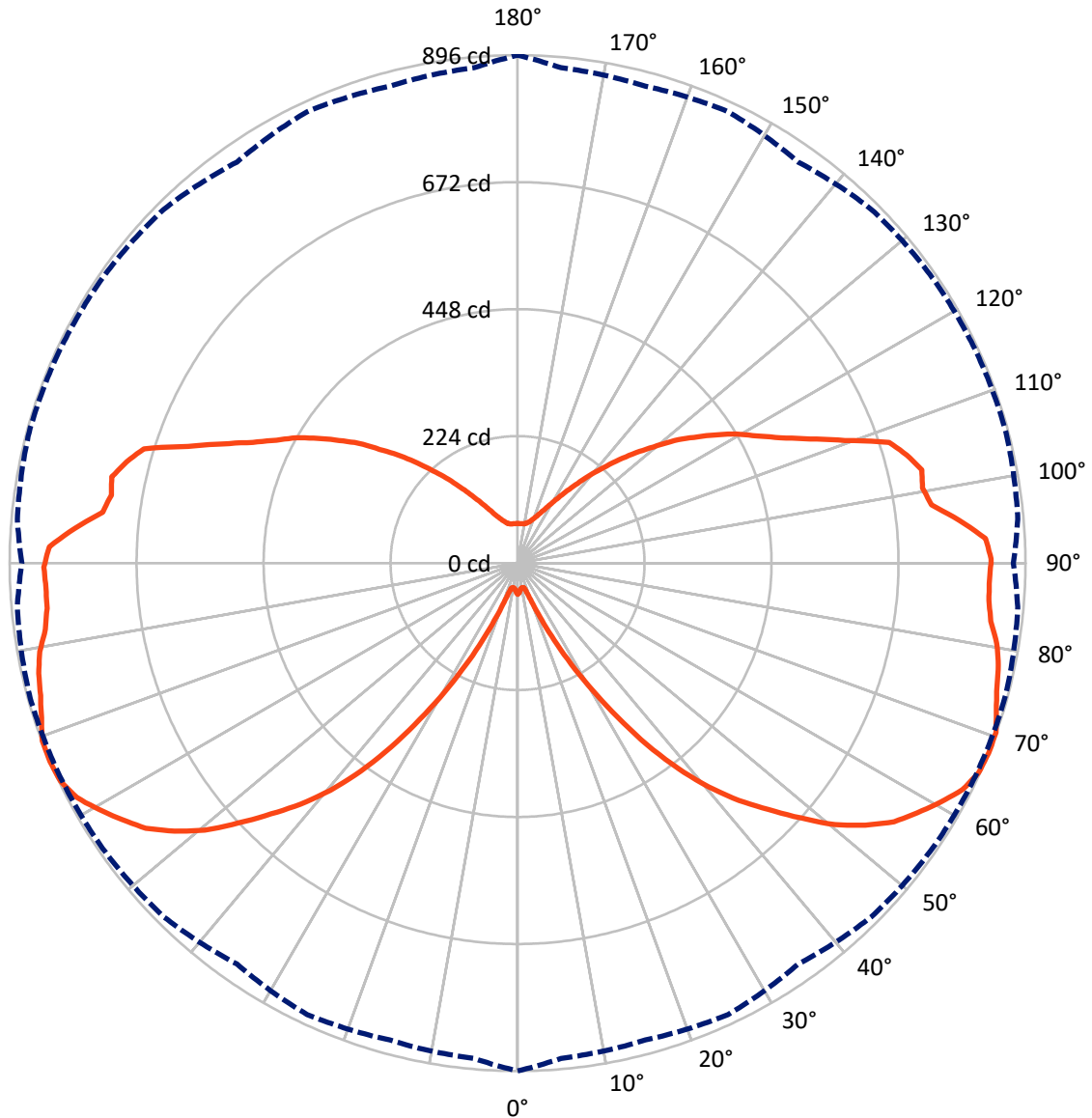
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1 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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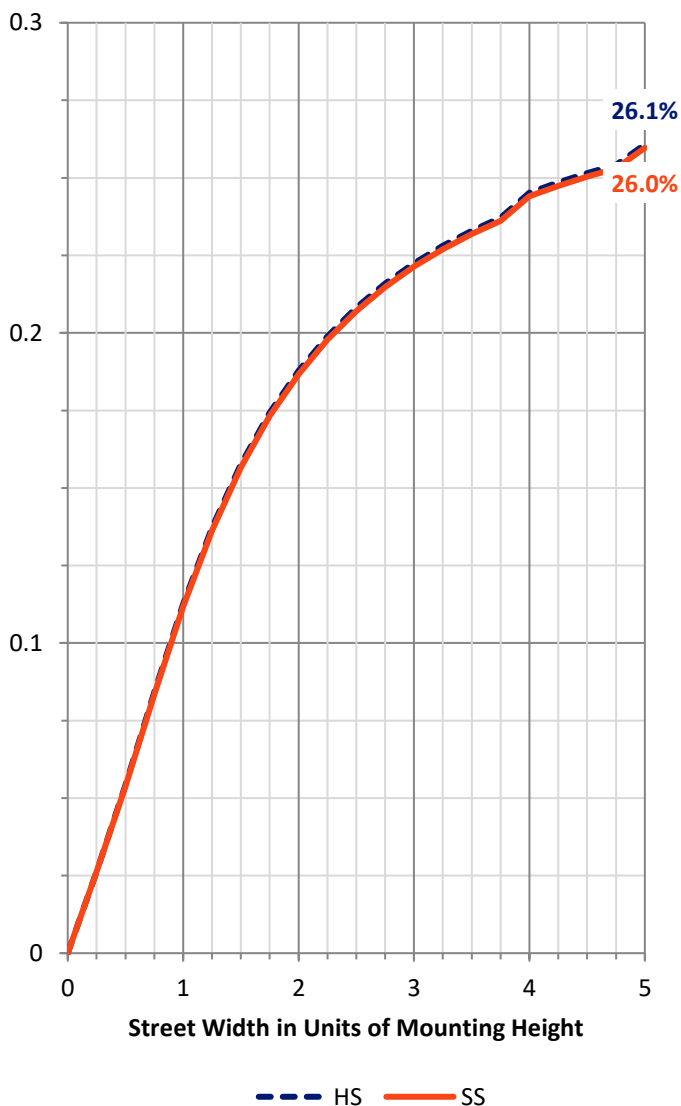
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2115.7	1430.3	3546.0
	% Fixture	29.8	20.2	50.0
<b>Street Side</b>	Lumens	2115.7	1430.3	3546.0
	% Fixture	29.8	20.2	50.0
<b>Total</b>	Lumens	4231.4	2860.6	7092.1
	% Fixture	59.7	40.3	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	4.6	0.1
10°-20°	15.1	0.2
20°-30°	75.7	1.1
30°-40°	248.9	3.5
40°-50°	481.3	6.8
50°-60°	712.2	10.0
60°-70°	865.9	12.2
70°-80°	914.2	12.9
80°-90°	913.4	12.9
90°-100°	854.5	12.0
100°-110°	760.2	10.7
110°-120°	520.0	7.3
120°-130°	349.2	4.9
130°-140°	202.8	2.9
140°-150°	99.9	1.4
150°-160°	46.1	0.7
160°-170°	21.3	0.3
170°-180°	6.7	0.1
0°-90°	4231.4	59.7
0°-180°	7092.1	100.0



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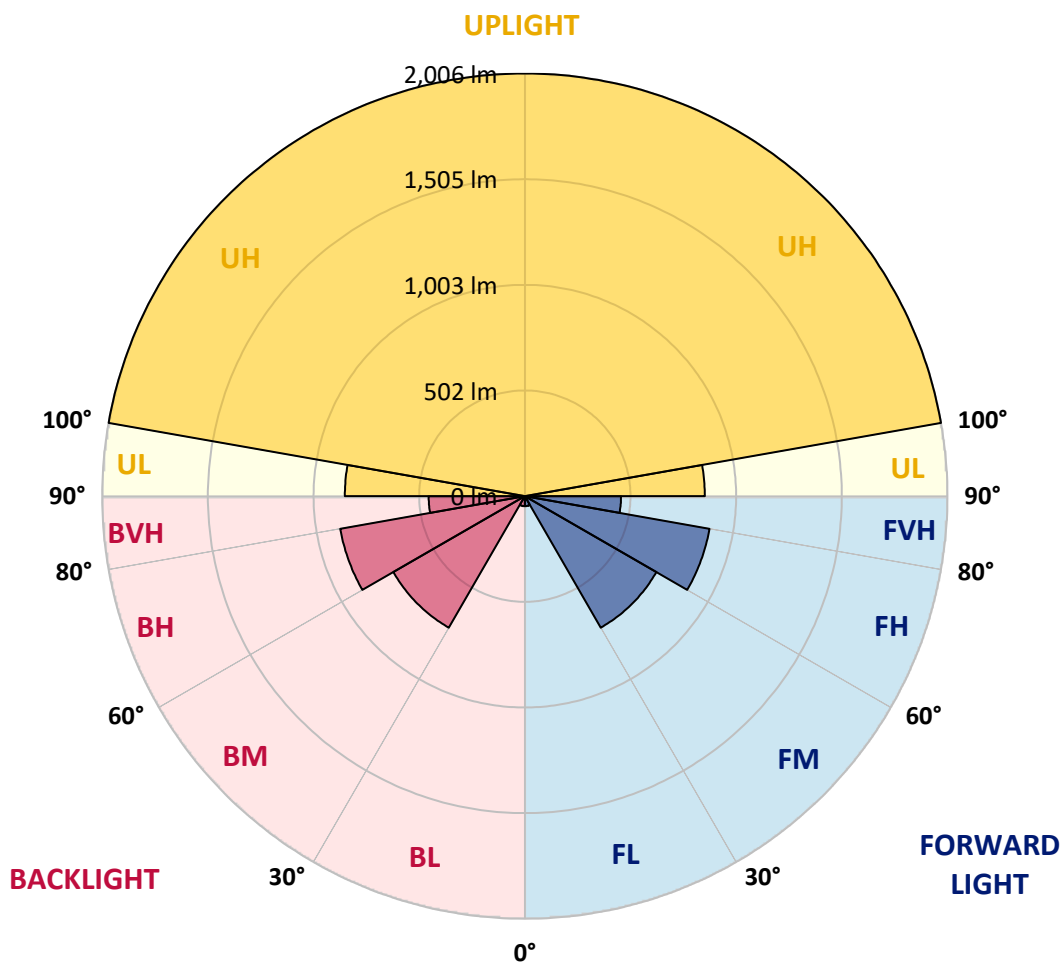
CATALOG NUMBER: FFX-CLB-50-722-U-PG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	47.7	0.7			
FM (30°-60°)	721.2	10.2			
FH (60°-80°)	890.0	12.5			G1/1800
FVH (80°-90°)	456.7	6.4			G3/500
BL (0°-30°)	47.7	0.7	B0/110		
BM (30°-60°)	721.2	10.2	B1/1000		
BH (60°-80°)	890.0	12.5	B2/1000		G1/1800
BVH (80°-90°)	456.7	6.4			G3/500
UL (90°-100°)	854.5	12.0		U4/1000	
UH (100°-180°)	2006.1	28.3		U5	

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

Type V Short





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CATALOG NUMBER: FFX-CLB-50-722-U-PG

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	52.8	52.3	51.9	51.4	51.9	52.3	53.2	53.7	53.7	53.7	53.7
5°	47.9	48.3	48.8	49.2	49.2	49.2	49.2	49.7	50.1	50.1	50.1
7.5°	45.2	45.2	45.6	47.0	47.4	47.0	47.0	47.4	46.1	44.7	44.3
10°	43.8	43.8	44.3	44.7	45.2	46.1	46.5	46.5	46.5	46.5	46.1
12.5°	44.3	43.8	44.3	44.7	45.6	46.1	45.2	45.2	46.1	47.0	47.4
15°	46.5	46.1	46.1	47.0	47.4	47.4	46.5	46.5	47.0	47.9	47.9
17.5°	56.4	55.5	55.0	55.5	55.0	55.5	55.0	55.9	55.9	55.5	55.0
20°	76.9	76.1	74.7	74.3	74.7	76.1	76.5	77.8	76.5	76.1	74.3
22.5°	109.2	107.8	106.9	106.9	108.3	109.2	108.7	110.5	109.6	109.2	107.4
25°	150.3	149.4	149.9	152.1	154.3	153.0	149.4	152.1	152.1	151.7	151.2
27.5°	201.8	198.6	200.0	205.8	207.6	204.0	200.0	203.1	204.4	204.9	204.9
30°	260.4	258.1	257.7	263.9	266.2	263.1	260.4	263.9	263.9	265.3	265.3
32.5°	323.9	322.5	320.3	323.9	327.5	326.6	326.6	329.3	328.4	329.7	330.2
35°	393.7	391.0	386.5	387.0	391.0	391.4	394.6	396.4	395.5	395.0	395.0
37.5°	459.4	455.9	451.8	449.6	454.5	454.1	461.2	461.2	459.4	459.9	459.9
40°	518.9	516.7	513.6	507.3	516.7	514.9	523.4	523.4	518.5	519.8	518.9
42.5°	572.2	572.2	568.6	559.2	569.0	567.3	578.4	578.4	571.7	571.3	569.9
45°	620.0	622.3	620.5	612.0	615.6	616.9	627.7	625.4	620.0	620.0	617.8
47.5°	671.5	673.7	667.5	658.5	662.5	664.8	674.6	673.7	670.6	666.6	666.6
50°	725.2	725.6	713.1	702.4	705.9	717.6	724.7	726.5	719.8	710.4	710.0
52.5°	767.7	770.4	758.3	746.7	749.3	762.8	770.8	771.3	762.8	749.3	753.4
55°	805.3	807.9	795.9	785.6	790.9	798.1	807.5	802.1	802.6	788.3	795.0
57.5°	830.8	839.7	819.6	817.3	822.3	830.8	834.8	833.4	836.1	822.7	824.9
60°	856.3	860.3	843.3	846.4	840.6	855.8	858.9	862.1	854.9	845.5	845.5
62.5°	880.4	870.6	858.5	866.1	850.4	869.7	873.3	876.8	869.2	860.3	862.1
65°	892.9	875.0	864.8	874.1	858.9	876.4	882.2	883.5	882.2	873.7	869.7
67.5°	895.6	876.8	870.6	878.2	863.0	882.2	887.6	890.3	891.6	885.3	874.1
70°	894.7	874.6	869.2	876.4	866.5	884.4	884.9	888.9	890.7	893.4	880.9
72.5°	882.6	865.2	863.9	870.1	861.2	872.8	873.3	878.2	875.5	884.0	877.7
75°	872.8	861.2	863.4	862.1	853.1	859.8	861.6	867.4	857.6	865.6	871.0
77.5°	866.5	860.3	865.6	858.5	849.1	853.6	856.3	863.0	848.2	854.9	870.6
80°	856.7	854.9	861.6	850.9	842.8	846.9	851.3	857.1	841.0	845.5	867.9
82.5°	840.6	841.9	848.2	835.7	830.3	834.8	840.1	849.1	832.5	835.2	858.9
85°	833.4	839.3	842.4	829.9	823.6	826.3	832.1	841.5	824.0	828.1	852.2
87.5°	832.5	839.7	841.9	831.2	825.8	829.9	832.5	846.0	827.2	832.1	856.7
90°	835.2	837.9	839.3	829.9	825.4	831.6	832.1	848.6	829.9	831.2	853.1
92.5°	826.3	826.7	829.4	820.9	820.5	824.9	824.0	837.9	817.3	814.2	833.0
95°	782.9	779.3	785.1	780.7	790.0	796.8	804.4	821.8	811.5	814.2	830.3
97.5°	736.8	737.7	739.5	732.3	731.0	733.7	736.8	745.8	742.6	745.3	760.5
100°	726.1	729.2	728.8	725.2	710.4	707.3	700.6	691.2	678.7	680.4	682.7
102.5°	731.4	739.9	741.3	746.2	746.2	744.0	748.9	744.9	747.1	760.1	752.9
105°	712.2	722.0	728.3	733.7	744.0	752.5	775.3	789.2	800.3	816.0	813.8
107.5°	688.9	693.9	698.3	698.3	695.7	694.3	706.8	709.1	705.9	710.0	710.4
110°	616.5	616.0	620.5	618.7	620.0	612.9	616.5	628.5	625.9	633.9	635.3



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 CATALOG NUMBER: FFX-CLB-50-722-U-PG

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	560.1	560.1	563.2	558.8	559.2	553.4	555.6	563.7	564.1	570.8	574.4
115°	512.7	511.8	516.3	512.7	508.7	507.3	509.5	514.5	515.8	520.3	527.4
117.5°	477.3	472.9	476.4	476.9	478.7	475.1	480.5	483.6	485.4	489.0	494.8
120°	448.3	443.8	445.1	449.6	455.0	447.4	453.2	455.9	457.2	458.5	461.2
122.5°	415.2	412.0	410.7	419.6	422.8	416.0	419.2	423.2	425.4	427.7	429.9
125°	381.6	378.9	377.6	385.6	388.8	383.4	387.9	393.7	392.8	397.7	393.2
127.5°	351.2	350.3	348.5	352.5	354.8	354.3	358.3	365.5	362.4	366.8	361.9
130°	314.9	318.5	315.8	320.8	321.2	324.8	326.1	332.8	329.7	330.6	327.5
132.5°	285.4	286.8	285.4	287.2	288.5	288.5	292.1	299.3	294.4	293.9	291.2
135°	255.4	255.9	254.1	256.8	257.7	255.4	259.0	264.4	261.7	260.4	260.4
137.5°	225.9	225.5	225.9	226.8	227.7	227.3	229.1	233.1	232.2	230.4	232.6
140°	200.9	199.5	200.0	200.4	200.0	200.0	201.8	205.3	205.3	203.1	205.3
142.5°	175.8	175.4	175.4	175.4	175.4	176.3	178.1	178.9	179.8	178.1	177.6
145°	154.8	154.3	153.9	153.9	153.9	154.3	156.1	155.7	157.5	155.7	154.3
147.5°	136.0	136.4	135.6	135.1	134.7	136.0	136.4	137.3	138.2	137.3	136.0
150°	120.8	120.3	120.3	119.4	119.4	120.8	120.3	121.2	122.1	121.7	121.2
152.5°	107.4	107.4	107.4	106.5	106.9	107.8	107.8	107.8	108.7	108.7	108.3
155°	96.6	96.6	96.6	96.2	96.2	97.1	97.1	97.1	97.5	97.5	97.5
157.5°	88.6	88.6	88.1	88.1	88.1	88.6	88.1	88.1	88.6	88.6	88.6
160°	82.3	82.3	81.9	81.9	81.4	81.9	81.4	81.4	81.9	81.9	81.9
162.5°	77.4	77.4	76.9	76.9	76.9	76.9	76.9	76.5	76.5	76.9	76.5
165°	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.4	73.4	73.4	73.4
167.5°	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
170°	70.2	70.2	70.2	70.7	70.7	70.7	70.2	70.2	70.7	70.7	70.2
172.5°	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
175°	69.8	69.8	69.8	69.8	69.8	69.8	69.3	69.8	69.8	69.8	69.8
177.5°	69.8	69.3	69.3	69.8	69.8	69.3	69.3	69.3	69.3	69.3	69.3
180°	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8



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: SP1-2406-133-2

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5.

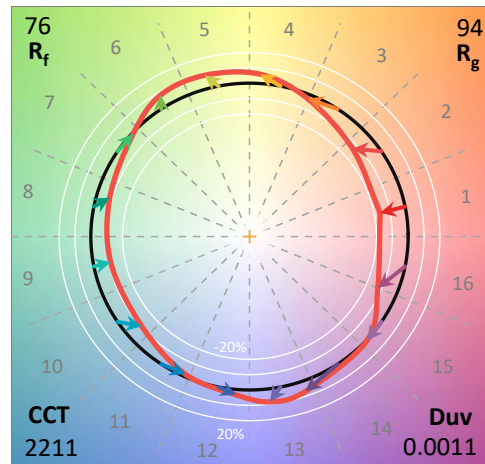
**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2406-133-2  
 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-100-722-U-FR-T5**  
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

**Spectral Parameters**

CCT (K): 2211  
 CIE u': 0.2892  
 CIE v': 0.5376  
 Duv: 0.0011  
 CIE x: 0.5069  
 CIE y: 0.4188  
 CIE z: 0.0743  
 Peak Wavelength (nm): 606  
 Dominant Wavelength (nm): 586  
 Purity: 77.8805  
 Rf: 76.1  
 Rg: 94.3

CRI (Ra):	71.4		
R1:	68.2	R9:	-29.2
R2:	85.0	R10:	67.8
R3:	94.0	R11:	60.7
R4:	65.1	R12:	59.0
R5:	66.6	R13:	71.3
R6:	81.8	R14:	97.6
R7:	73.4	R15:	58.9
R8:	37.3		



**Test Conditions**

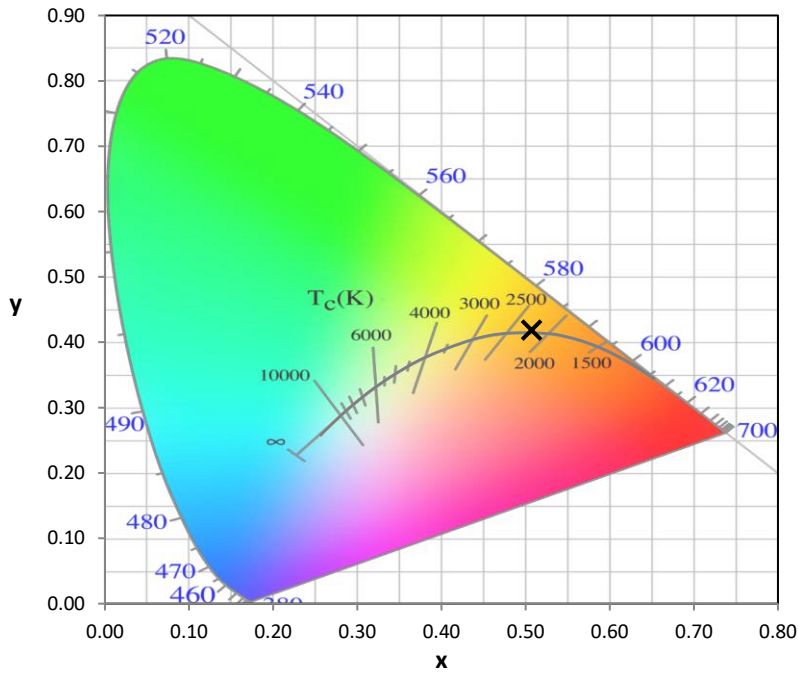
Stabilization Time: 0.813563M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.7

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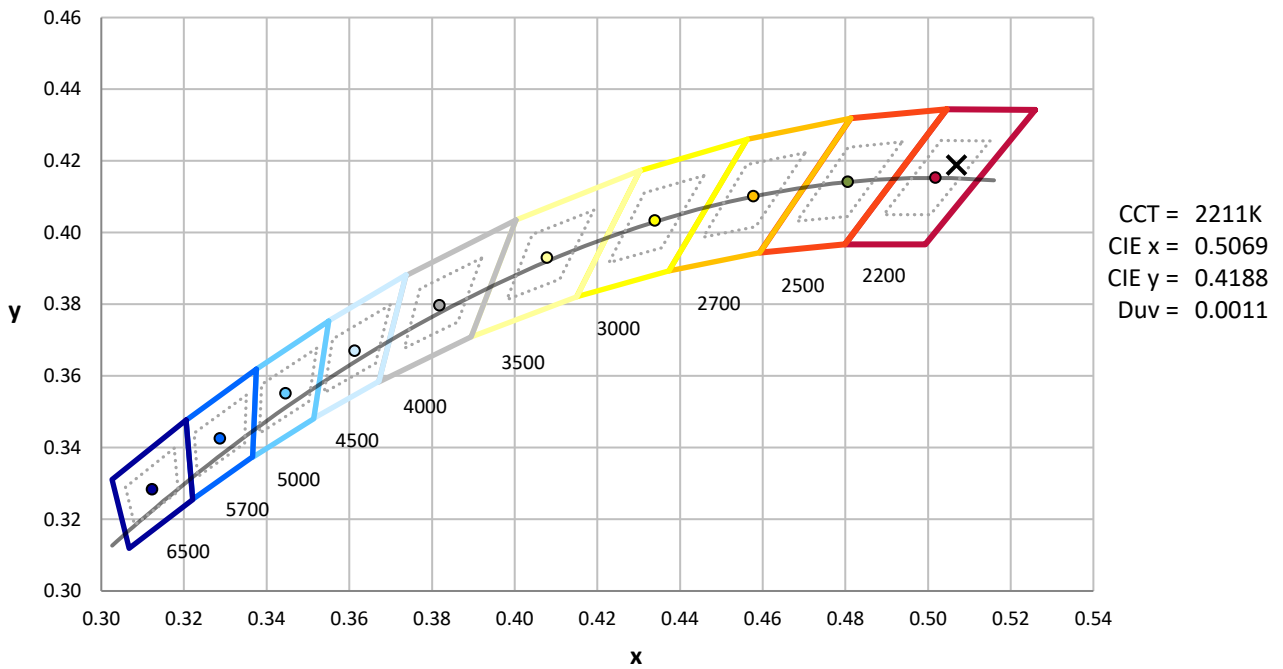
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 2200K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

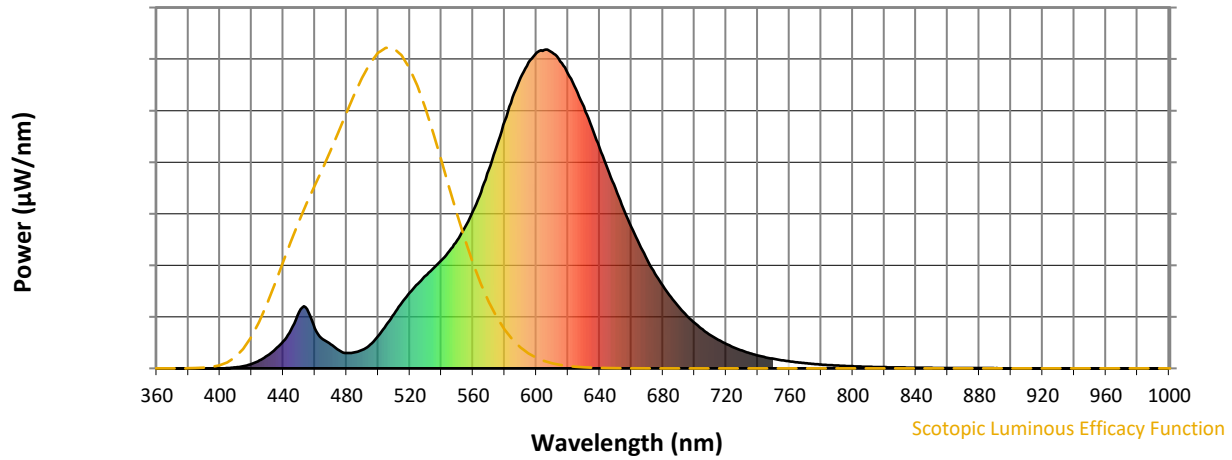


**Photopic Lumens: NR**

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-2

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 0.87**

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.42

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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**Summary**

$R_f = 76.1$   
 $R_g = 94.3$   
 CIE  $R_a = 71.4$   
 $R_9 = -29.2$



**Color Vector Graphics**



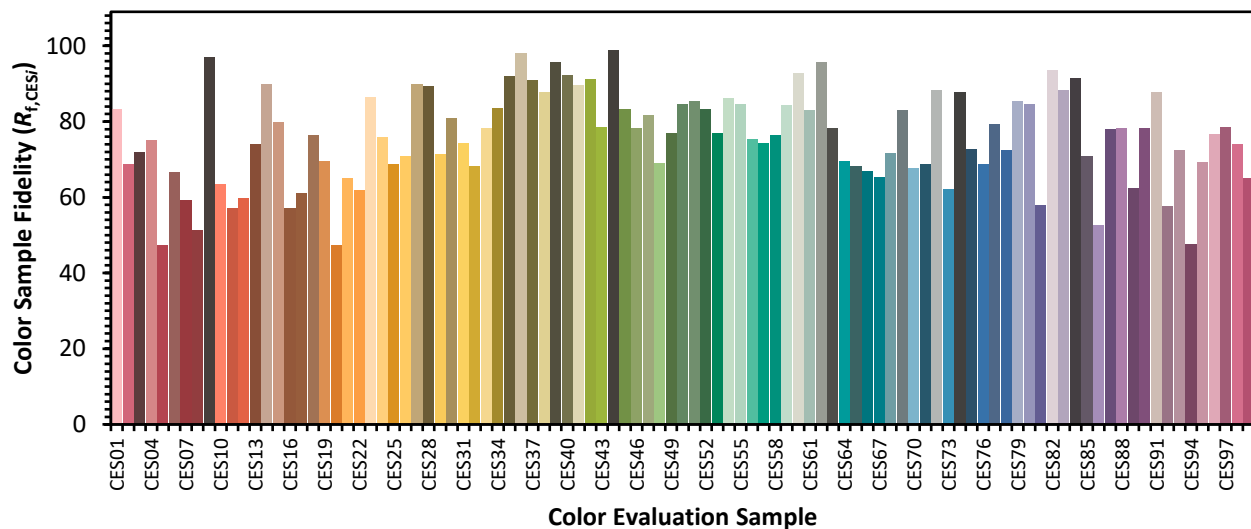


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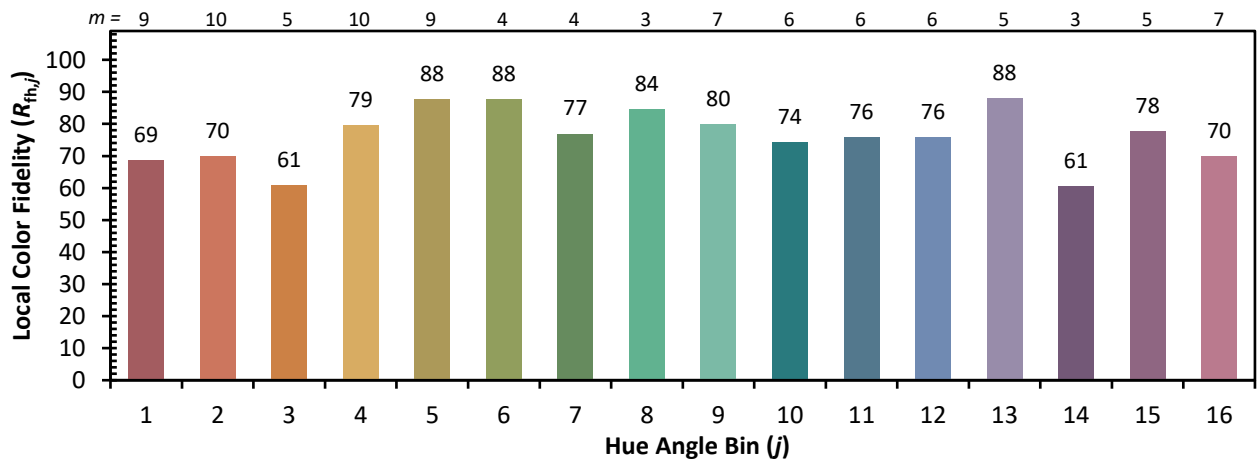
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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

CES01 = 87	CES26 = 71	CES51 = 85	CES76 = 69
CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82 = 93
CES08 = 42	CES33 = 78	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 84	CES59 = 84	CES84 = 92
CES10 = 79	CES35 = 92	CES60 = 93	CES85 = 71
CES11 = 62	CES36 = 98	CES61 = 83	CES86 = 53
CES12 = 68	CES37 = 91	CES62 = 96	CES87 = 78
CES13 = 45	CES38 = 88	CES63 = 78	CES88 = 78
CES14 = 75	CES39 = 96	CES64 = 69	CES89 = 63
CES15 = 72	CES40 = 92	CES65 = 68	CES90 = 78
CES16 = 49	CES41 = 90	CES66 = 67	CES91 = 88
CES17 = 51	CES42 = 91	CES67 = 65	CES92 = 58
CES18 = 57	CES43 = 79	CES68 = 72	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 68	CES45 = 83	CES70 = 68	CES95 = 69
CES21 = 88	CES46 = 78	CES71 = 69	CES96 = 77
CES22 = 81	CES47 = 82	CES72 = 88	CES97 = 79
CES23 = 92	CES48 = 69	CES73 = 62	CES98 = 74
CES24 = 92	CES49 = 77	CES74 = 88	CES99 = 65
CES25 = 74	CES50 = 85	CES75 = 73	



Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)