

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: P856330

Luminaire Tested: **FFX-CLB-60-722-U-VM8**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856330
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-60-722-U-VM8
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source: (6) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

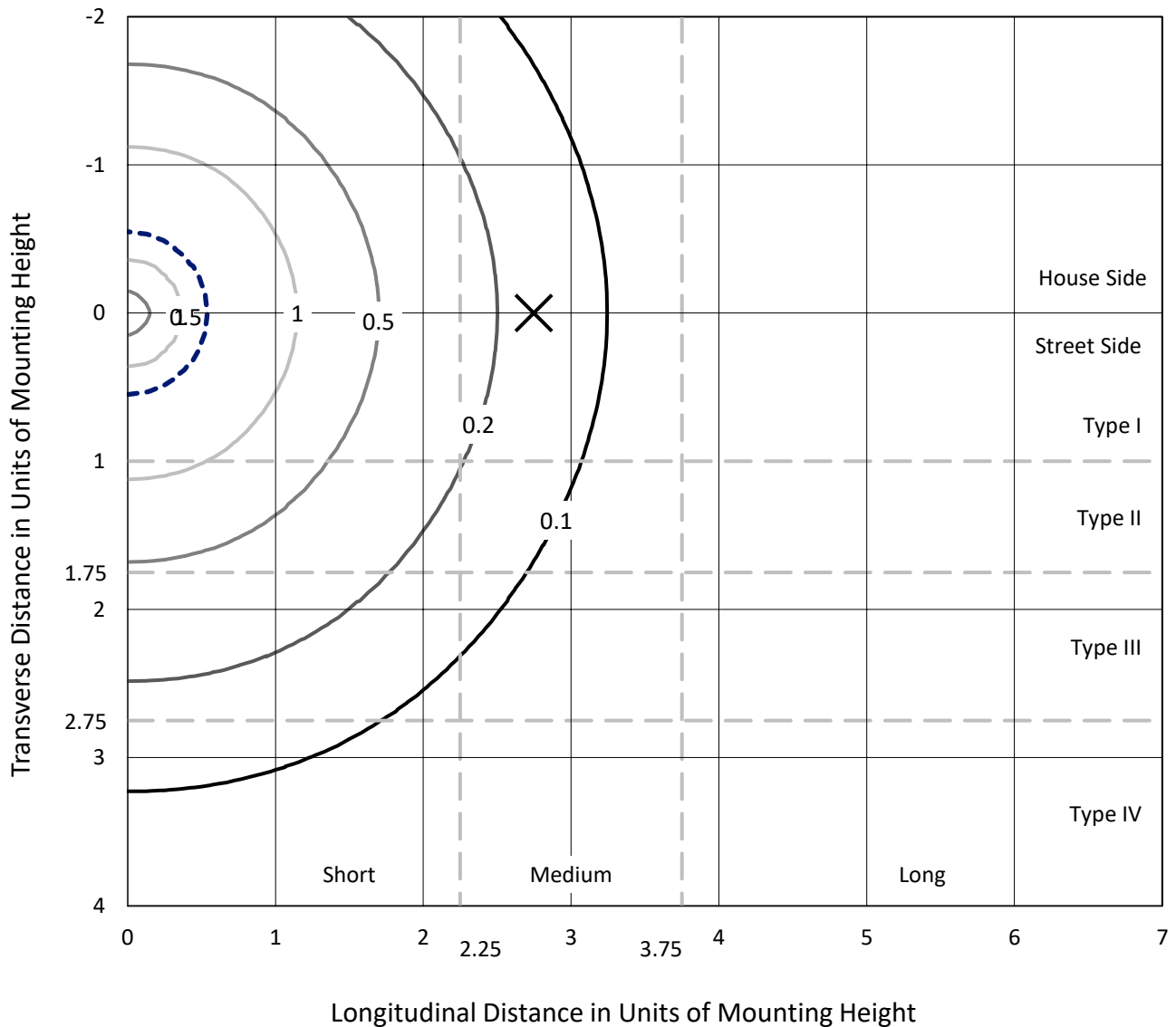
Lumens per Lamp: N/A
Luminaire Lumens: 8136.6 lumens
Efficiency: N/A
Efficacy: 136.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification: Type V - Short
BUG Rating: B2 - U5 - G3

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

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Iso-Footcandle Lines of Horizontal Illumination

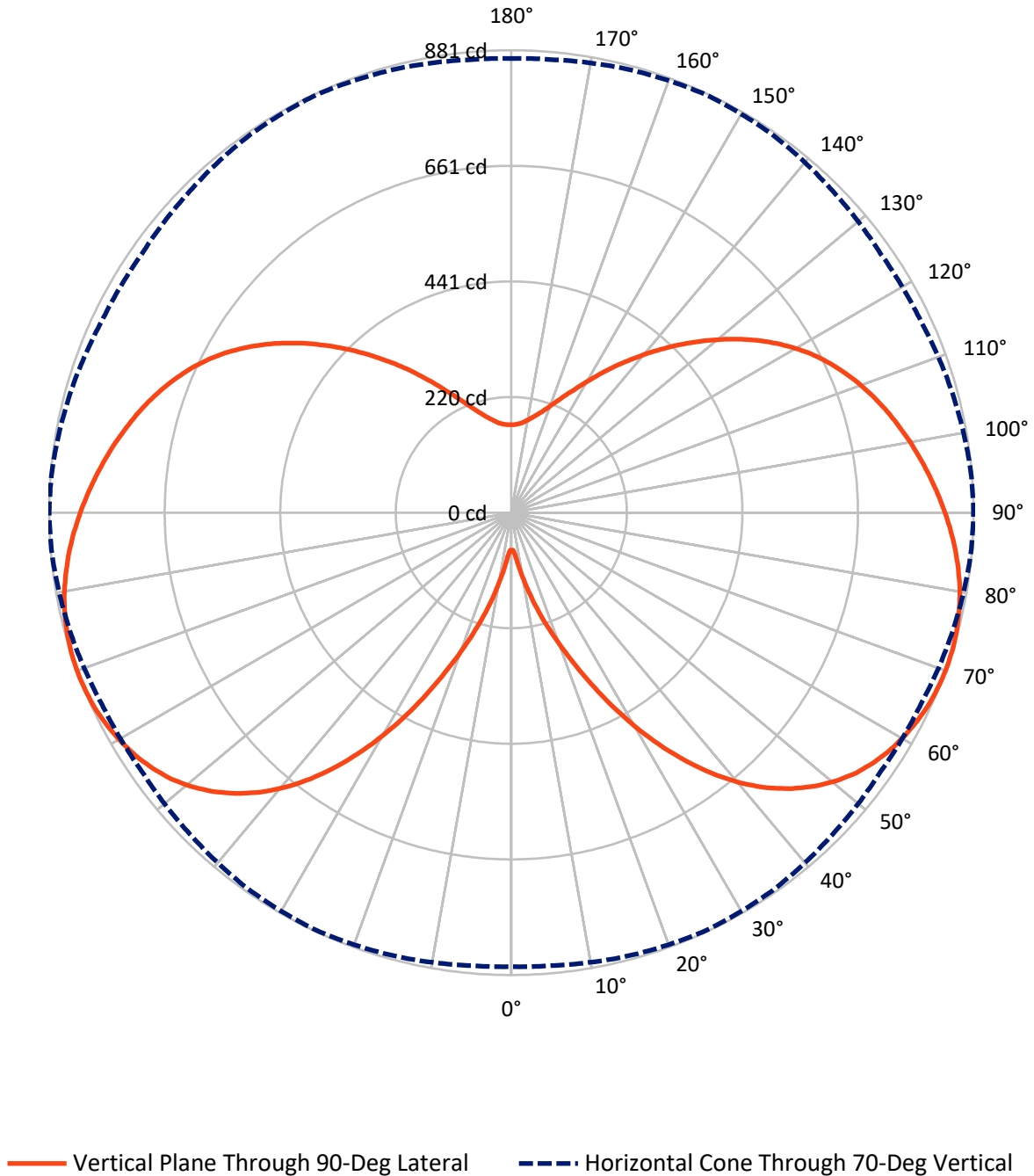
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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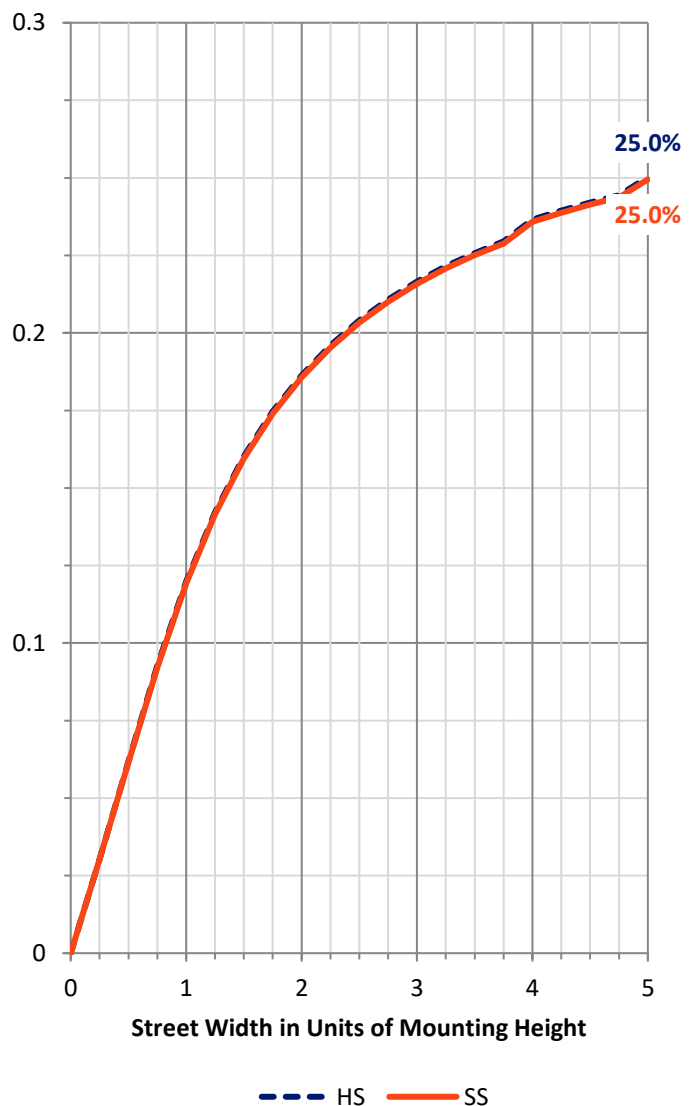
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2304.2	1764.1	4068.3
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	2304.2	1764.1	4068.3
	% Fixture	28.3	21.7	50.0
Total	Lumens	4608.4	3528.2	8136.6
	% Fixture	56.6	43.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.6	0.1
10°-20°	58.2	0.7
20°-30°	173.8	2.1
30°-40°	363.4	4.5
40°-50°	570.4	7.0
50°-60°	740.3	9.1
60°-70°	857.0	10.5
70°-80°	917.4	11.3
80°-90°	918.2	11.3
90°-100°	865.9	10.6
100°-110°	774.8	9.5
110°-120°	651.5	8.0
120°-130°	499.7	6.1
130°-140°	341.9	4.2
140°-150°	208.6	2.6
150°-160°	114.0	1.4
160°-170°	55.3	0.7
170°-180°	16.5	0.2
0°-90°	4608.4	56.6
0°-180°	8136.6	100.0

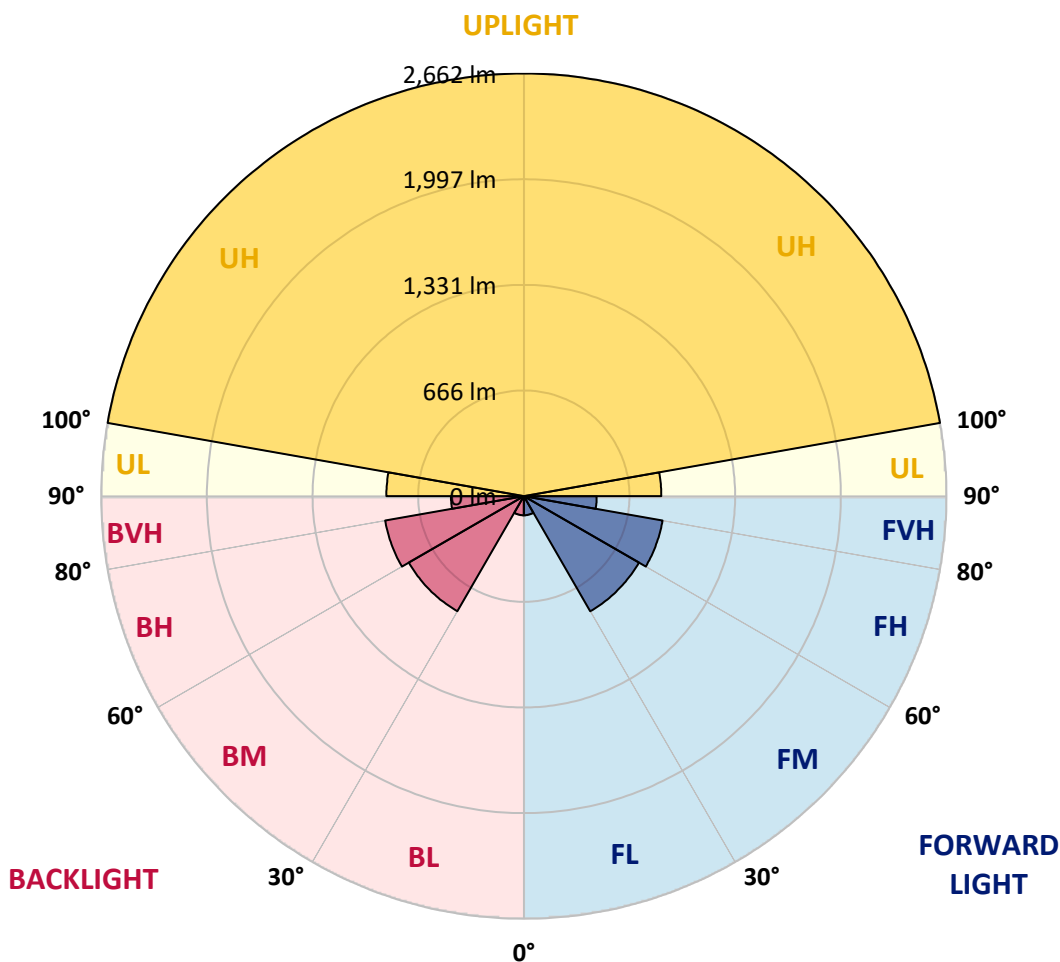


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	120.8	1.5			
FM (30°-60°)	837.1	10.3			
FH (60°-80°)	887.2	10.9			G1/1800
FVH (80°-90°)	459.1	5.6			G3/500
BL (0°-30°)	120.8	1.5	B1/500		
BM (30°-60°)	837.1	10.3	B1/1000		
BH (60°-80°)	887.2	10.9	B2/1000		G1/1800
BVH (80°-90°)	459.1	5.6			G3/500
UL (90°-100°)	865.9	10.6		U4/1000	
UH (100°-180°)	2662.2	32.7		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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
2.5°	74.6	74.6	74.0	74.0	73.5	73.0	73.0	73.0	72.5	72.5	72.0
5°	85.0	84.5	84.5	84.0	84.5	84.0	84.0	84.0	84.0	82.9	82.9
7.5°	105.3	104.8	104.8	104.3	105.3	104.3	104.3	104.8	104.8	104.3	104.3
10°	131.9	131.4	131.4	130.4	131.4	130.9	130.9	129.8	130.4	129.8	130.4
12.5°	163.7	162.2	162.2	161.7	162.7	162.2	161.7	160.6	161.7	161.1	161.1
15°	196.6	197.1	196.6	196.1	197.1	197.1	196.6	195.5	196.6	195.5	196.1
17.5°	233.1	233.1	233.1	231.5	233.1	233.6	233.1	232.1	232.6	233.1	233.1
20°	272.7	272.7	273.2	272.2	274.8	273.2	272.7	272.2	272.7	273.2	273.8
22.5°	316.5	316.5	317.0	316.5	318.1	318.1	317.6	317.6	318.1	319.1	319.1
25°	365.0	365.5	365.5	364.0	367.6	368.7	367.6	367.6	368.7	370.2	370.2
27.5°	415.1	417.2	416.1	416.1	420.8	421.3	420.8	421.3	422.9	424.5	425.0
30°	466.7	468.3	470.4	468.8	474.0	474.5	475.1	475.6	477.7	480.3	480.3
32.5°	518.3	519.9	520.9	520.9	527.7	527.2	526.7	528.8	531.9	532.9	534.5
35°	570.0	570.0	571.0	571.5	578.3	577.8	578.8	580.4	583.5	585.6	586.6
37.5°	616.4	615.3	617.9	619.0	624.2	624.7	625.2	627.8	631.5	634.1	635.1
40°	658.6	657.6	660.7	662.3	667.0	667.0	668.0	671.1	675.3	677.9	678.4
42.5°	696.2	695.6	698.8	700.8	705.5	705.0	704.5	708.7	713.4	716.5	717.5
45°	728.5	728.0	732.1	734.7	738.4	737.3	737.3	741.0	746.2	749.9	750.4
47.5°	756.1	756.1	760.8	763.9	767.1	765.5	764.5	768.1	773.3	778.5	779.1
50°	780.6	780.1	785.3	789.0	791.6	789.5	787.9	791.6	797.3	802.5	803.6
52.5°	799.9	801.0	806.2	810.9	813.0	809.8	807.2	810.9	817.1	822.9	823.9
55°	816.6	817.1	822.9	828.6	829.6	825.5	822.3	825.5	832.3	838.5	839.6
57.5°	829.6	830.7	837.5	842.7	843.2	838.5	834.9	837.5	844.8	851.0	852.6
60°	841.1	842.2	848.4	854.2	854.7	848.9	844.2	846.3	854.2	861.5	862.5
62.5°	850.0	851.5	858.3	863.5	863.5	856.8	851.0	853.1	861.5	869.3	870.3
65°	857.3	858.8	865.6	870.8	870.3	862.5	856.2	858.3	867.2	875.0	876.6
67.5°	862.5	863.5	870.8	876.1	874.0	865.6	859.4	860.9	870.3	878.1	879.7
70°	865.6	866.7	874.0	878.7	875.5	866.7	859.9	862.0	871.4	879.7	881.3
72.5°	867.2	868.8	875.5	879.7	876.1	866.1	858.8	861.5	870.8	879.7	880.8
75°	866.7	867.7	874.5	878.1	873.4	864.1	856.2	858.8	868.8	876.6	878.1
77.5°	864.1	865.1	871.4	874.5	868.8	859.4	852.1	854.7	864.1	871.9	873.4
80°	859.9	860.9	866.7	868.8	863.0	853.6	846.9	849.5	858.3	865.6	867.2
82.5°	853.1	854.7	859.9	860.9	854.7	846.3	839.6	842.2	850.5	857.3	858.3
85°	844.8	845.8	850.5	851.0	844.8	837.5	831.7	834.3	841.6	846.9	848.4
87.5°	835.4	835.4	840.1	840.1	833.3	826.5	822.3	824.4	831.2	835.4	836.9
90°	823.9	824.4	827.6	827.0	820.8	815.0	811.4	814.0	819.7	823.4	824.4
92.5°	811.4	811.9	814.5	813.5	807.2	802.5	799.4	802.5	807.7	810.4	811.4
95°	797.8	798.4	800.4	798.4	792.6	789.0	786.4	790.0	794.2	796.8	797.8
97.5°	783.8	784.3	785.8	783.8	777.5	774.4	773.3	776.5	780.6	782.7	783.8
100°	769.2	769.2	770.2	767.1	761.9	759.2	758.7	762.4	766.5	768.6	769.7
102.5°	753.0	753.5	753.5	750.4	745.2	743.6	743.6	747.8	751.9	753.5	754.6
105°	736.3	736.3	736.3	733.7	728.0	726.9	727.4	731.6	736.3	738.4	739.4
107.5°	718.1	718.6	717.5	714.9	710.2	709.2	710.2	716.0	720.1	722.2	723.3
110°	698.8	699.3	698.8	695.6	691.5	690.9	692.5	698.2	702.4	704.5	706.1



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 CATALOG NUMBER: FFX-CLB-60-722-U-VM8

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	678.4	678.9	678.4	675.8	671.6	671.6	673.7	679.5	684.2	685.7	687.3
115°	657.0	657.6	656.5	654.4	650.3	651.3	653.4	659.1	663.8	665.4	667.5
117.5°	634.1	634.6	634.1	631.5	627.8	628.9	632.0	637.7	641.9	643.5	645.6
120°	609.1	609.1	609.1	606.5	602.8	604.9	608.0	614.3	617.9	619.0	621.1
122.5°	583.5	582.5	582.5	580.9	576.7	579.3	582.5	588.7	592.4	592.9	594.5
125°	555.4	555.9	554.3	553.3	549.6	552.8	555.4	561.6	564.7	565.3	566.8
127.5°	525.1	526.7	525.1	523.5	520.9	524.1	527.2	532.9	535.5	536.1	537.1
130°	497.0	497.0	495.4	494.3	491.7	494.9	498.0	503.2	505.8	505.8	506.9
132.5°	468.8	467.2	466.7	465.7	462.5	466.2	468.3	473.5	475.6	475.1	476.1
135°	438.0	438.0	436.5	435.9	433.3	437.0	439.1	443.8	445.3	444.8	445.9
137.5°	409.3	409.3	408.3	407.3	405.7	408.8	410.9	414.6	416.1	414.6	416.1
140°	381.2	381.2	380.7	379.6	378.1	381.2	382.8	385.9	387.4	385.9	386.9
142.5°	355.1	354.1	353.6	353.0	350.9	354.1	355.1	358.2	358.8	357.7	359.3
145°	327.5	328.0	327.5	327.0	325.4	328.0	329.0	331.7	332.2	331.1	332.7
147.5°	304.5	303.0	303.5	303.0	301.4	304.0	304.5	306.1	307.1	306.1	307.1
150°	281.6	280.5	280.5	280.0	279.0	281.1	281.6	283.2	283.7	282.6	283.7
152.5°	261.3	260.7	260.7	260.2	259.2	260.7	261.3	262.3	262.8	261.8	262.3
155°	243.0	242.5	242.5	242.0	240.9	242.5	242.5	243.5	244.0	243.5	244.0
157.5°	226.8	226.3	226.3	226.3	225.3	226.3	226.3	227.4	227.4	226.8	227.4
160°	213.8	212.8	213.3	212.8	211.7	212.8	212.8	213.3	213.3	213.3	213.3
162.5°	201.8	201.8	201.8	201.3	200.8	201.3	201.3	201.8	201.8	201.8	201.3
165°	192.4	192.4	192.4	191.9	191.4	191.9	191.9	191.9	191.9	191.9	191.9
167.5°	184.6	184.1	184.6	184.1	183.6	184.1	184.1	184.1	184.1	184.1	184.1
170°	177.8	177.8	177.8	177.8	177.3	177.8	177.8	177.8	177.8	177.8	177.8
172.5°	173.6	173.1	173.1	173.1	172.6	173.1	172.6	173.1	172.6	173.1	172.6
175°	170.0	170.0	170.0	170.0	169.5	169.5	169.5	169.5	169.5	169.5	169.5
177.5°	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9	167.9
180°	167.4	167.4	167.4	167.4	167.4	167.4	167.4	167.4	167.4	167.4	167.4

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

REPORT NUMBER: SP1-2406-133-2

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 [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /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 [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /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

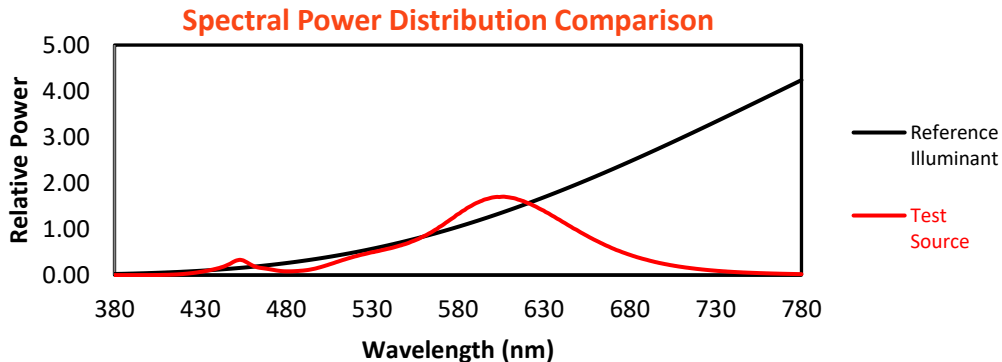
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	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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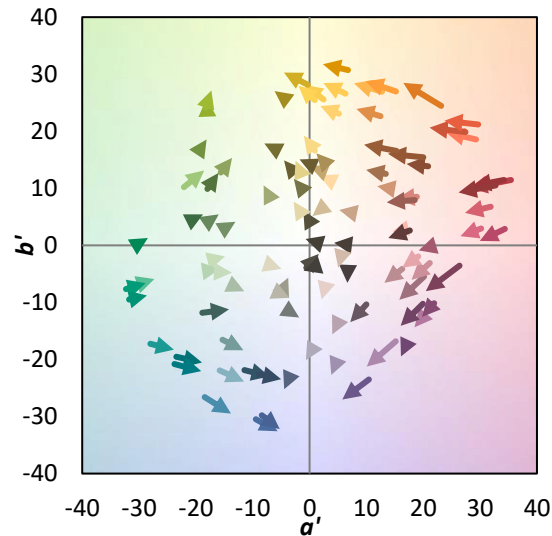
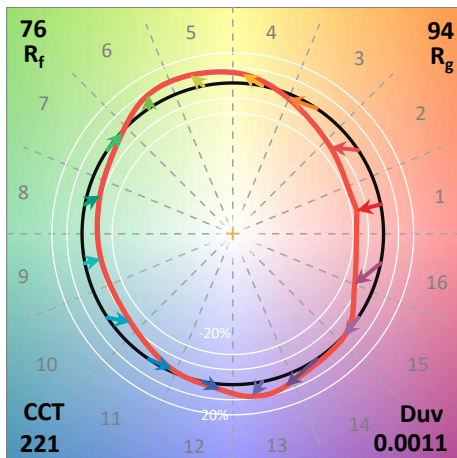
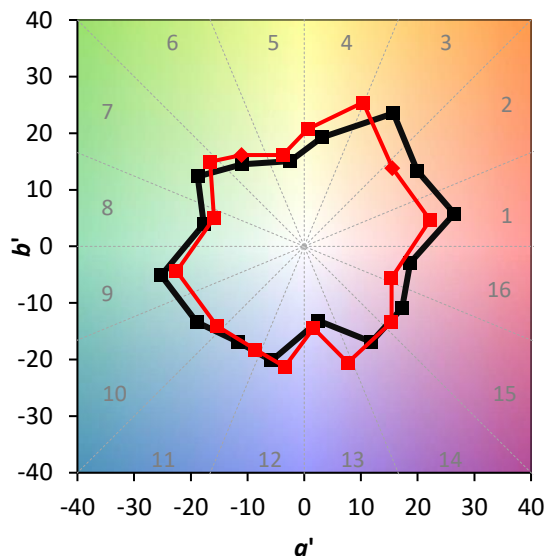
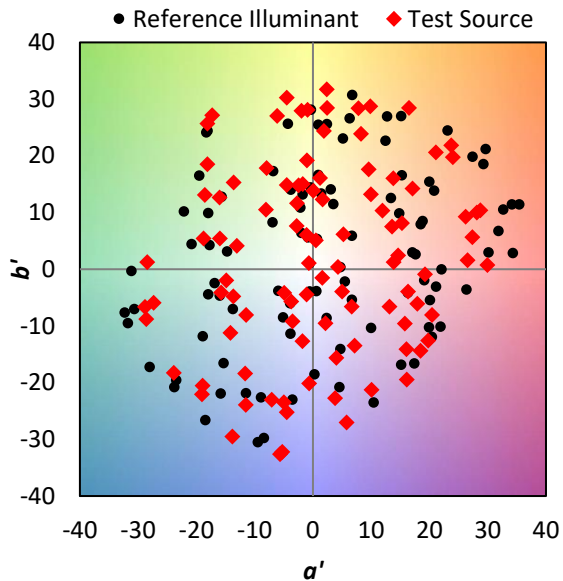
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Summary

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



Color Vector Graphics

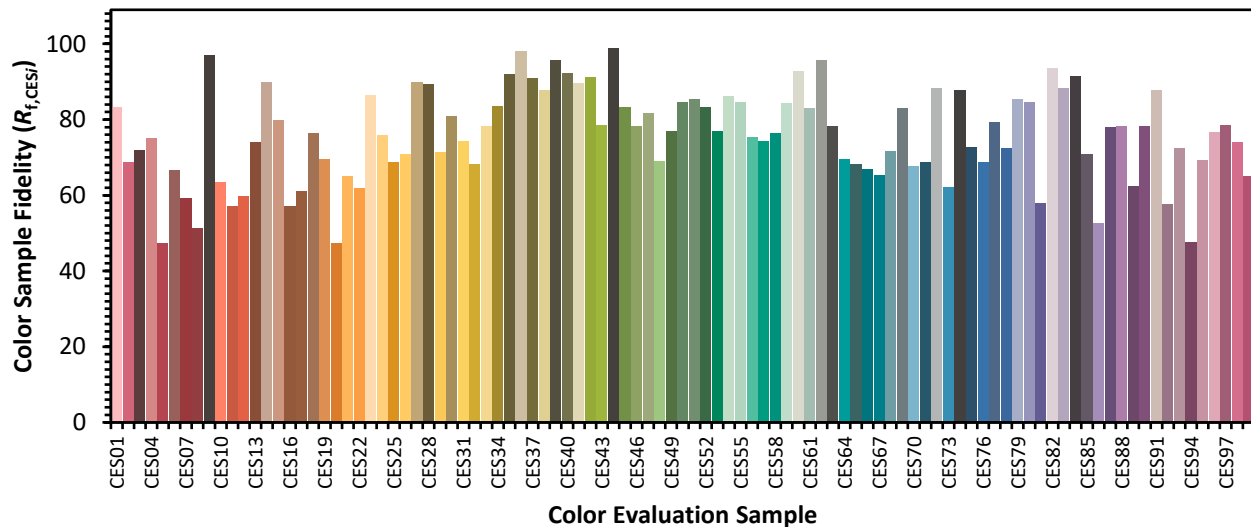


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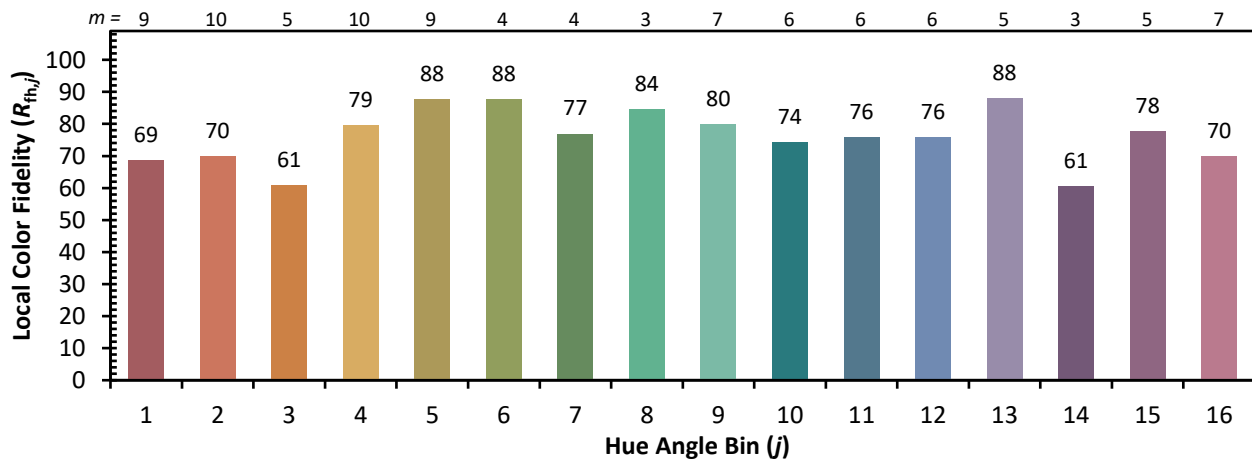
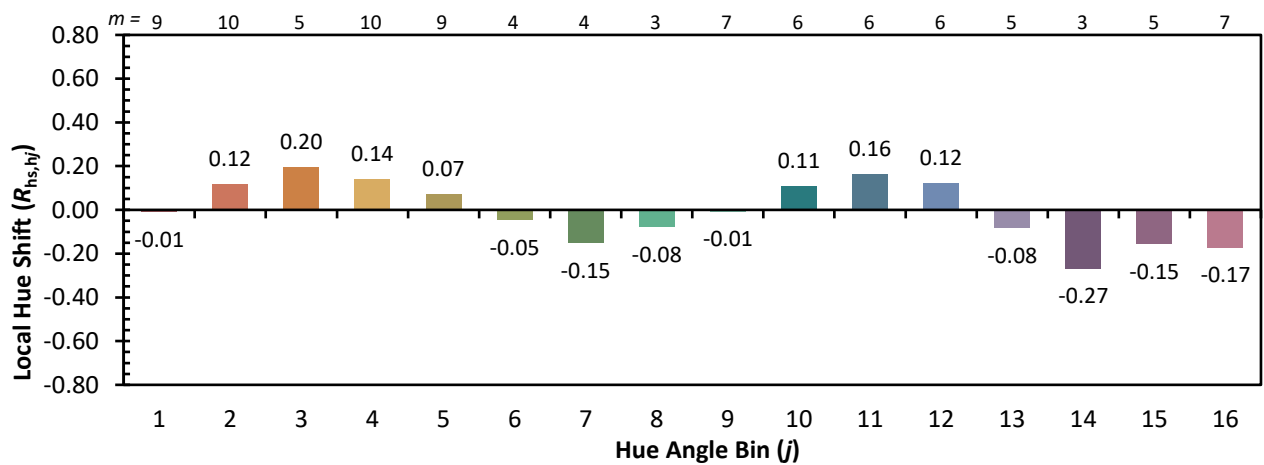
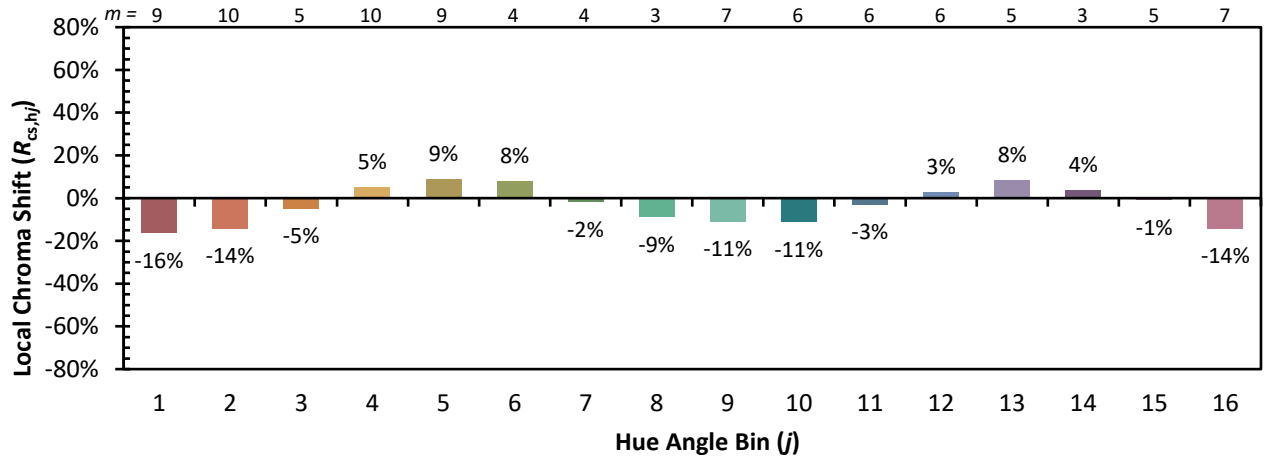
TM-30-18

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)