

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: P856403

Luminaire Tested: **FFX-CLB-50-740-U-VM9**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856403  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-50-740-U-VM9  
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK  
Light Source: (6) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

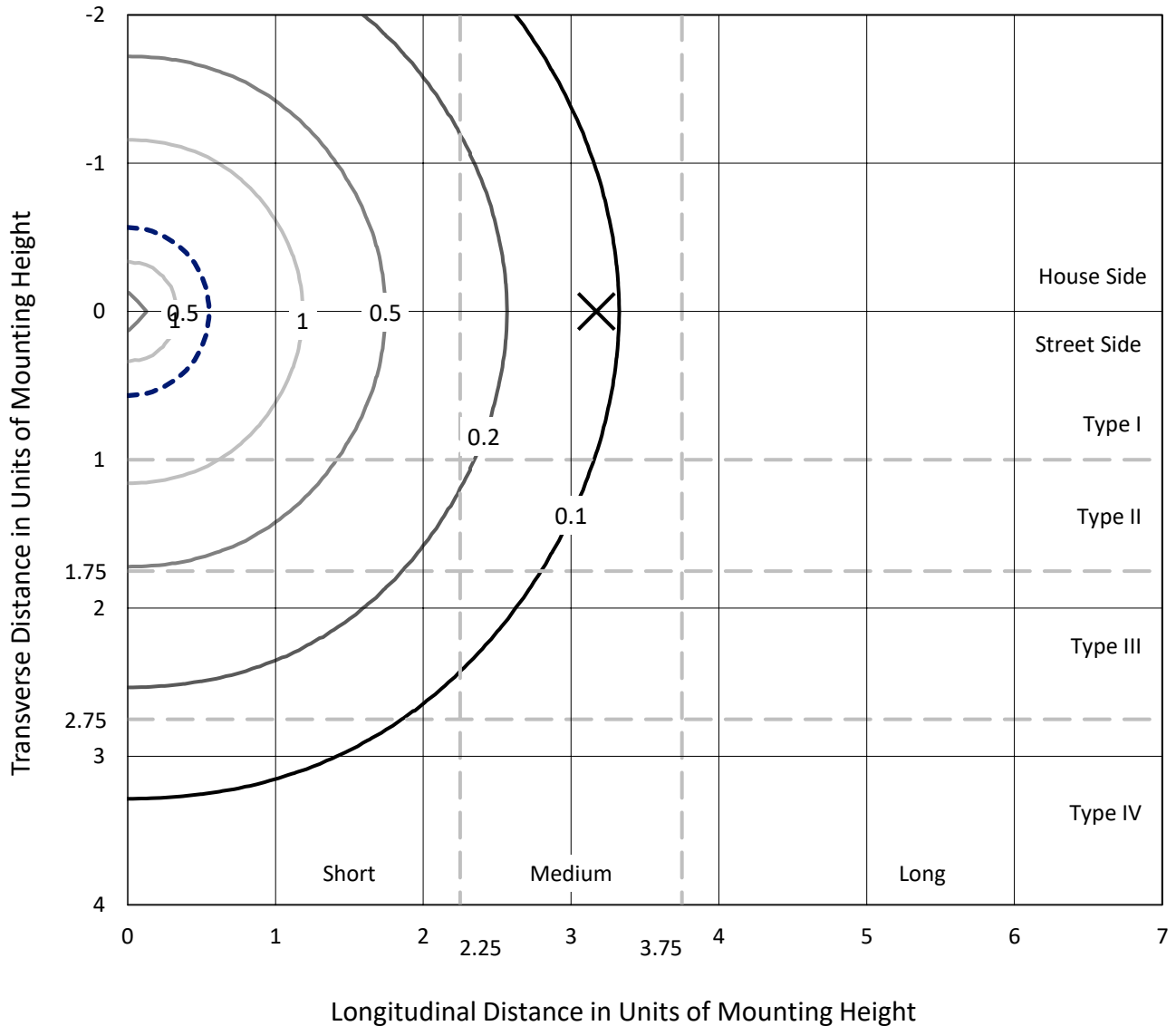
Lumens per Lamp: N/A  
Luminaire Lumens: 8314 lumens  
Efficiency: N/A  
Efficacy: 164.6 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')  
IES Classification: Type V - Short  
BUG Rating: B2 - U5 - G3

Input Watts (W): 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: P856403  
 CATALOG NUMBER: FFX-CLB-50-740-U-VM9

### Iso-Footcandle Lines of Horizontal Illumination

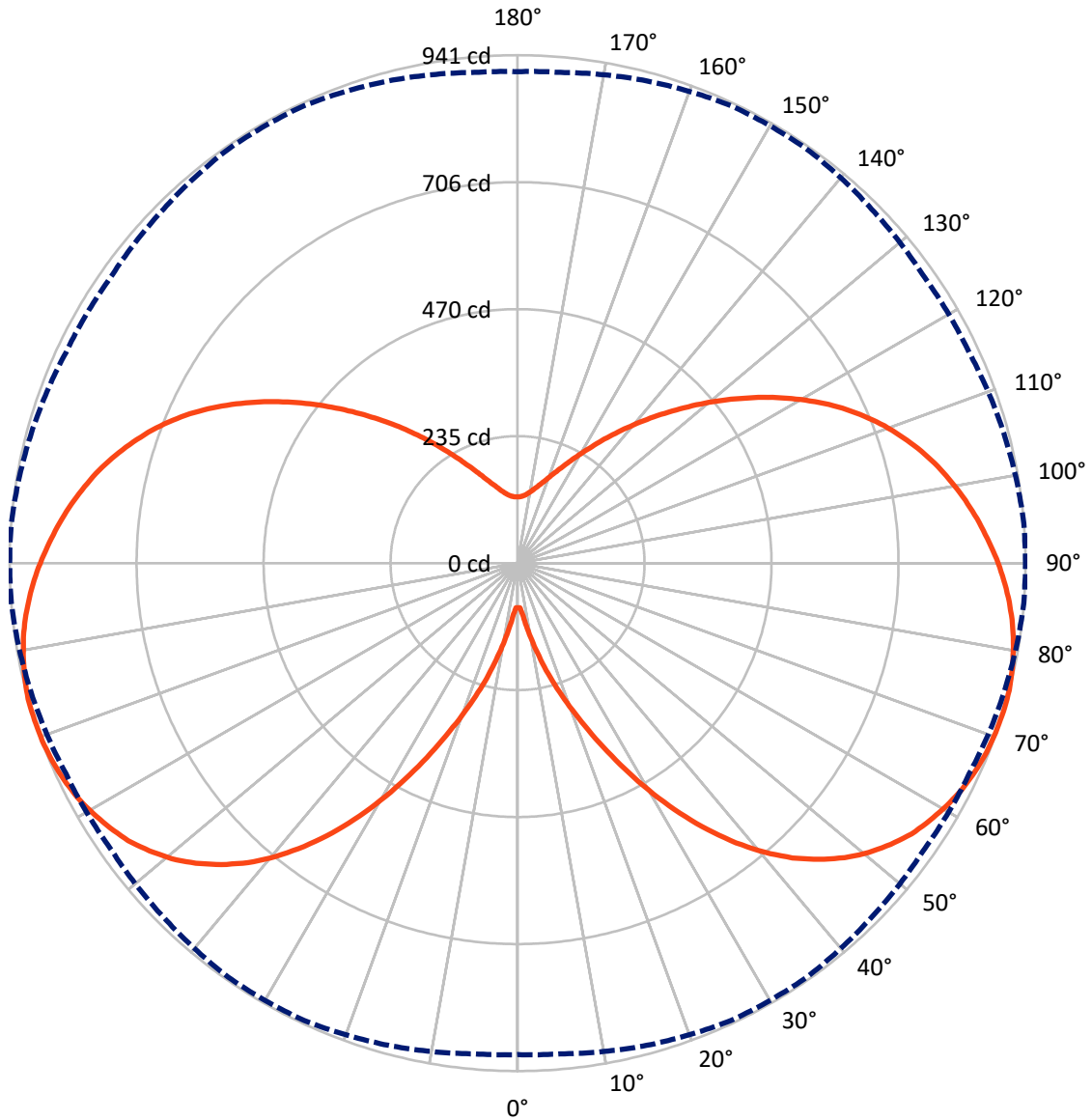
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 fc  
 Type V - Short - N/A

REPORT NUMBER: P856403  
CATALOG NUMBER: FFX-CLB-50-740-U-VM9

### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral    - - - Horizontal Cone Through 72.5-Deg Vertical

REPORT NUMBER: P856403  
 CATALOG NUMBER: FFX-CLB-50-740-U-VM9

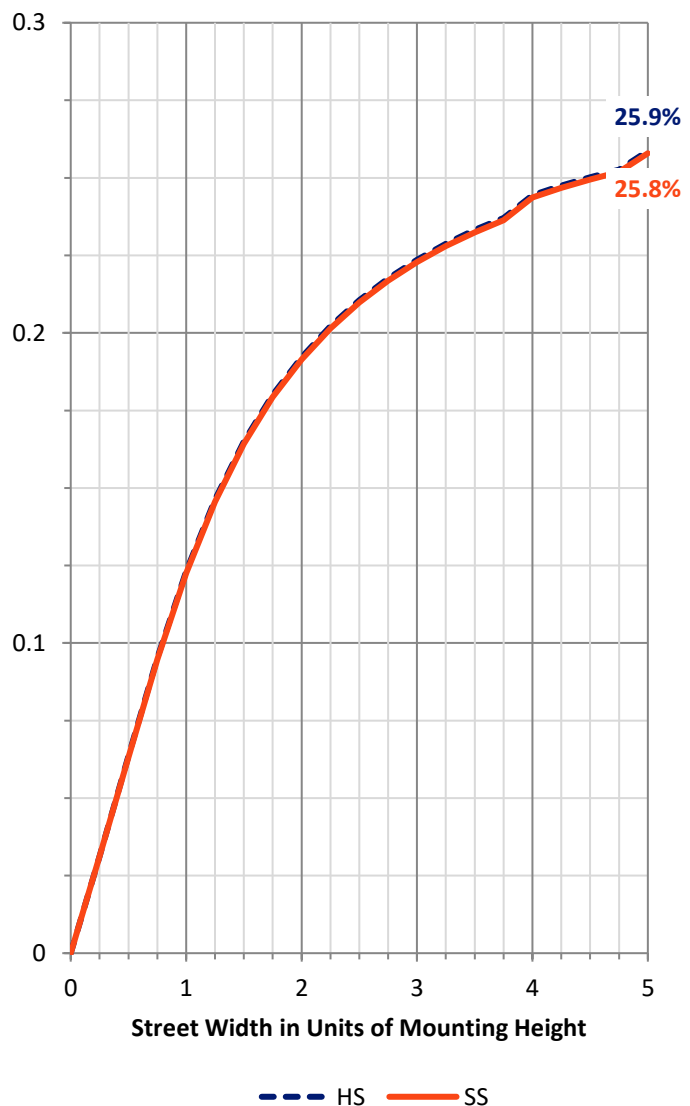
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2435.1	1721.9	4157.0
	% Fixture	29.3	20.7	50.0
<b>Street Side</b>	Lumens	2435.1	1721.9	4157.0
	% Fixture	29.3	20.7	50.0
<b>Total</b>	Lumens	4870.2	3443.8	8314.0
	% Fixture	58.6	41.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	10.7	0.1
10°-20°	62.4	0.8
20°-30°	180.2	2.2
30°-40°	374.9	4.5
40°-50°	594.9	7.2
50°-60°	780.9	9.4
60°-70°	910.6	11.0
70°-80°	978.0	11.8
80°-90°	977.6	11.8
90°-100°	915.1	11.0
100°-110°	802.9	9.7
110°-120°	645.7	7.8
120°-130°	463.8	5.6
130°-140°	298.1	3.6
140°-150°	172.9	2.1
150°-160°	90.8	1.1
160°-170°	42.3	0.5
170°-180°	12.2	0.1
0°-90°	4870.2	58.6
0°-180°	8314.0	100.0



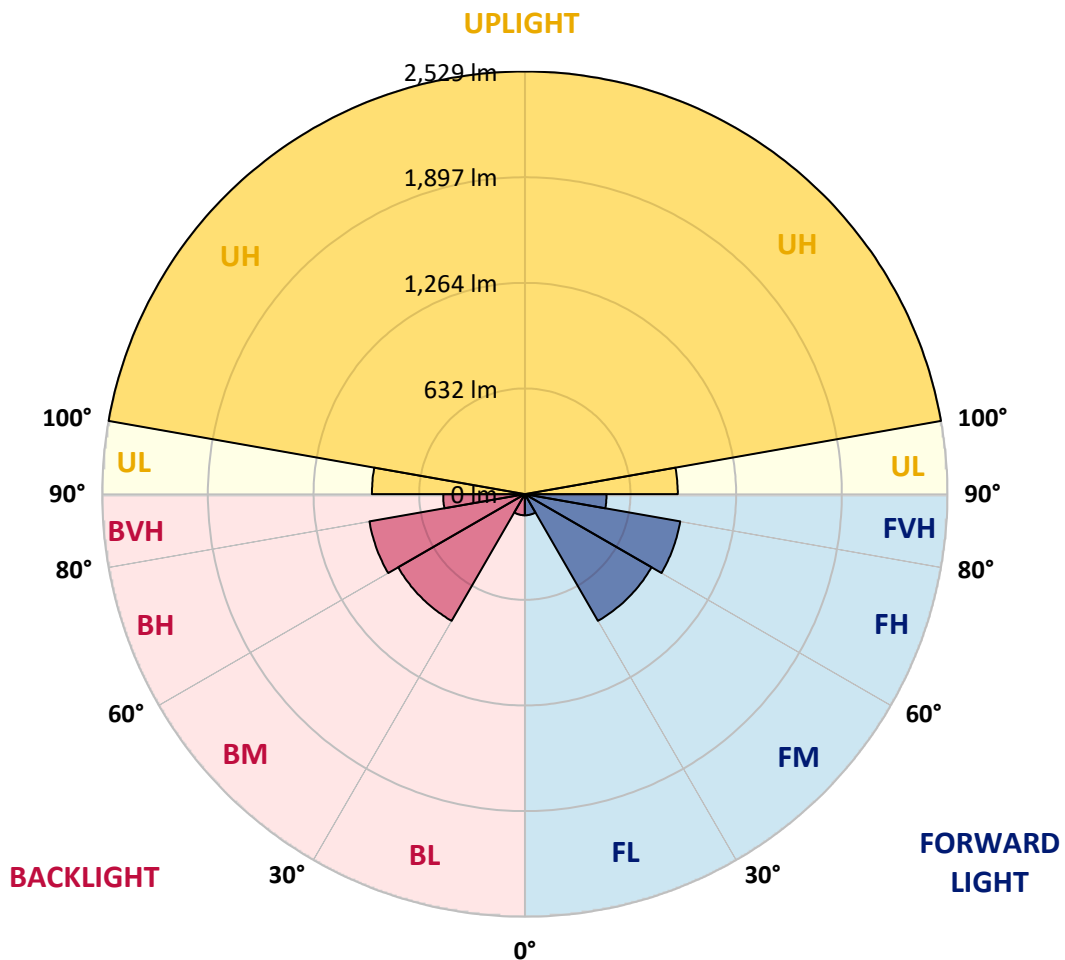
REPORT NUMBER: P856403  
 CATALOG NUMBER: FFX-CLB-50-740-U-VM9

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	126.6	1.5			
FM (30°-60°)	875.3	10.5			
FH (60°-80°)	944.3	11.4			G1/1800
FVH (80°-90°)	488.8	5.9			G3/500
BL (0°-30°)	126.6	1.5	B1/500		
BM (30°-60°)	875.3	10.5	B1/1000		
BH (60°-80°)	944.3	11.4	B2/1000		G1/1800
BVH (80°-90°)	488.8	5.9			G3/500
UL (90°-100°)	915.1	11.0		U4/1000	
UH (100°-180°)	2528.7	30.4		U5	

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

Type V Short





REPORT NUMBER: P856403

CATALOG NUMBER: FFX-CLB-50-740-U-VM9

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
2.5°	85.6	85.6	85.1	85.1	84.6	84.0	84.0	83.5	82.9	82.9	82.9
5°	95.3	94.7	94.7	94.7	94.7	94.2	94.7	94.2	94.2	94.2	94.7
7.5°	116.1	115.6	115.6	115.6	116.1	116.1	116.7	117.2	117.7	117.7	117.7
10°	143.4	142.9	142.9	142.4	143.4	143.4	144.0	142.9	144.5	144.5	145.0
12.5°	175.5	175.0	175.0	174.5	175.5	175.0	176.1	175.0	177.7	176.6	176.6
15°	210.3	210.3	209.8	209.2	210.9	210.9	211.9	211.9	213.5	212.5	213.0
17.5°	247.2	246.7	246.7	246.2	247.8	247.8	247.8	248.8	251.0	248.8	250.5
20°	286.8	286.3	286.3	285.8	287.4	287.4	288.4	289.0	291.1	289.5	290.6
22.5°	329.7	329.1	329.1	329.1	331.3	331.8	331.8	333.4	336.1	333.4	335.5
25°	377.3	376.7	376.7	378.4	380.0	380.5	381.6	383.7	386.4	383.7	386.4
27.5°	428.1	427.6	428.7	430.8	432.4	433.5	435.1	435.6	439.4	436.7	440.4
30°	480.6	480.0	481.1	483.8	485.9	489.1	489.1	490.7	496.1	492.3	496.1
32.5°	532.5	531.9	533.5	536.8	540.0	543.2	543.7	545.9	551.2	548.5	552.3
35°	583.9	583.3	585.5	589.7	593.0	596.2	597.2	599.4	605.3	602.6	606.3
37.5°	632.6	632.6	634.7	639.5	643.3	647.5	647.0	649.7	655.0	653.4	657.2
40°	678.0	678.0	680.7	686.6	690.9	693.6	693.0	695.7	701.6	701.1	704.3
42.5°	719.2	719.2	723.0	728.9	733.2	734.8	734.8	737.4	743.9	743.3	746.5
45°	754.0	755.6	759.9	766.3	770.1	771.7	770.6	773.3	780.3	780.3	782.9
47.5°	786.1	788.3	792.6	799.0	801.7	803.3	802.2	804.3	811.3	812.4	815.0
50°	814.0	815.6	820.9	827.9	830.6	830.6	829.0	831.1	838.6	840.7	842.9
52.5°	838.1	839.7	845.5	853.0	854.6	854.1	852.0	854.1	861.6	863.7	865.3
55°	857.3	858.9	865.9	873.4	875.0	873.4	870.2	872.8	879.8	883.0	885.7
57.5°	872.8	874.4	882.5	890.0	891.6	888.4	884.6	887.3	895.3	899.1	900.1
60°	885.7	887.3	895.8	903.9	904.9	901.2	896.9	899.6	907.6	911.9	913.0
62.5°	895.8	897.5	906.6	915.7	916.2	911.4	906.6	909.2	917.3	922.1	923.7
65°	902.8	904.4	914.6	923.7	924.7	918.9	914.0	916.7	924.2	930.1	931.2
67.5°	907.6	909.2	920.5	930.1	930.6	924.2	918.9	921.0	929.6	935.5	936.5
70°	909.8	911.4	923.1	933.3	933.8	926.9	920.5	923.1	931.7	938.7	939.7
72.5°	910.3	912.4	924.7	934.9	935.5	927.4	921.0	923.1	932.2	940.3	940.8
75°	908.2	910.8	923.7	934.4	934.4	925.3	918.3	920.5	930.6	939.2	940.8
77.5°	905.5	907.1	920.5	931.2	930.6	921.0	913.0	916.2	926.4	936.0	937.1
80°	899.6	901.7	915.1	925.3	924.2	913.5	906.0	909.2	919.9	930.1	931.2
82.5°	892.1	894.2	907.6	916.7	915.7	904.4	896.9	900.7	911.9	922.6	923.7
85°	883.0	885.1	898.0	906.6	904.9	893.7	886.2	889.4	901.7	912.4	913.5
87.5°	871.2	873.4	886.2	893.7	892.1	880.3	873.9	878.2	889.4	900.7	901.2
90°	857.9	860.5	871.8	878.7	876.6	865.9	860.0	864.3	875.5	886.2	887.3
92.5°	844.5	845.5	856.2	862.1	860.5	850.9	845.5	850.4	860.5	871.2	871.2
95°	828.4	830.0	839.7	844.5	842.9	834.8	830.0	835.4	844.5	854.6	855.2
97.5°	811.3	812.9	820.9	825.7	824.1	817.2	814.0	819.3	827.3	837.0	837.5
100°	793.1	794.2	801.1	805.4	803.8	798.5	796.3	801.7	809.2	818.3	818.3
102.5°	772.8	773.8	779.2	781.9	781.3	777.0	777.0	782.9	788.8	797.4	798.5
105°	751.4	752.4	756.2	757.8	757.2	755.6	756.7	762.6	767.4	774.9	776.0
107.5°	727.3	728.3	730.5	731.0	731.0	731.0	734.8	740.1	745.5	750.8	751.4
110°	701.6	702.1	703.7	703.2	703.2	704.3	709.6	715.5	719.8	725.1	725.7



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 CATALOG NUMBER: FFX-CLB-50-740-U-VM9

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	673.8	674.3	675.4	673.2	673.8	675.9	682.9	689.3	692.0	697.3	697.3
115°	644.3	643.8	644.9	642.2	641.7	645.4	652.9	660.4	662.5	666.3	666.8
117.5°	612.2	612.8	612.2	609.0	608.5	613.8	620.8	627.7	630.4	634.7	633.6
120°	579.0	578.5	579.0	575.3	574.8	580.6	587.6	594.6	596.2	599.9	598.8
122.5°	545.3	544.8	544.3	540.5	540.5	545.3	553.9	560.8	559.8	564.1	563.5
125°	510.5	510.5	509.5	505.7	505.7	511.6	518.6	525.0	523.9	528.7	527.1
127.5°	476.3	476.3	475.2	472.0	472.0	477.4	483.8	490.2	488.6	492.9	491.3
130°	442.6	442.6	441.5	438.3	438.3	442.6	449.5	454.9	452.7	456.5	456.0
132.5°	410.5	409.9	409.4	406.2	406.7	411.0	416.4	421.2	419.0	423.3	421.7
135°	379.4	378.9	378.4	375.1	375.7	380.0	384.8	388.5	386.9	389.6	389.1
137.5°	350.0	349.5	348.9	346.2	346.8	350.0	354.8	358.0	355.9	359.6	358.0
140°	322.2	321.6	320.6	319.0	319.5	322.7	325.4	329.1	327.0	330.2	328.6
142.5°	295.4	295.4	294.3	292.7	293.3	296.5	298.6	301.3	299.2	301.8	300.8
145°	270.8	270.8	269.7	268.6	268.6	271.3	272.9	275.6	273.5	276.1	275.1
147.5°	248.3	248.3	247.2	246.2	246.2	248.8	249.9	252.1	249.9	252.1	251.0
150°	227.4	227.4	226.9	225.8	226.4	227.4	228.5	230.1	228.5	230.1	229.6
152.5°	209.2	209.2	208.7	208.2	207.6	209.2	209.8	211.4	209.8	211.4	210.3
155°	193.2	192.7	192.7	191.6	191.6	192.7	193.2	194.3	192.7	194.3	193.7
157.5°	178.7	178.7	178.2	177.7	177.7	178.2	178.7	179.3	178.2	179.8	178.7
160°	166.4	166.4	165.9	165.4	165.4	165.9	165.9	166.4	165.4	166.4	165.9
162.5°	155.7	155.7	155.2	155.2	154.7	155.2	155.7	155.7	155.2	155.7	155.2
165°	147.2	147.2	146.6	146.1	146.1	146.6	146.6	147.2	146.1	146.6	146.6
167.5°	139.1	139.1	139.1	138.6	138.1	138.6	138.6	138.6	138.1	138.6	138.6
170°	133.3	133.3	133.3	132.7	132.2	132.7	132.7	132.7	132.2	132.7	132.7
172.5°	128.4	128.4	128.4	127.9	127.9	127.9	127.9	127.9	127.9	127.9	127.9
175°	125.2	125.2	125.2	125.2	124.7	125.2	125.2	125.2	125.2	125.2	124.7
177.5°	123.6	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1
180°	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6



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.

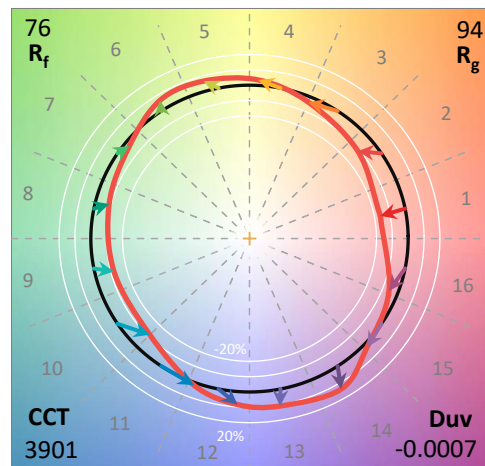
**Test Information**

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**

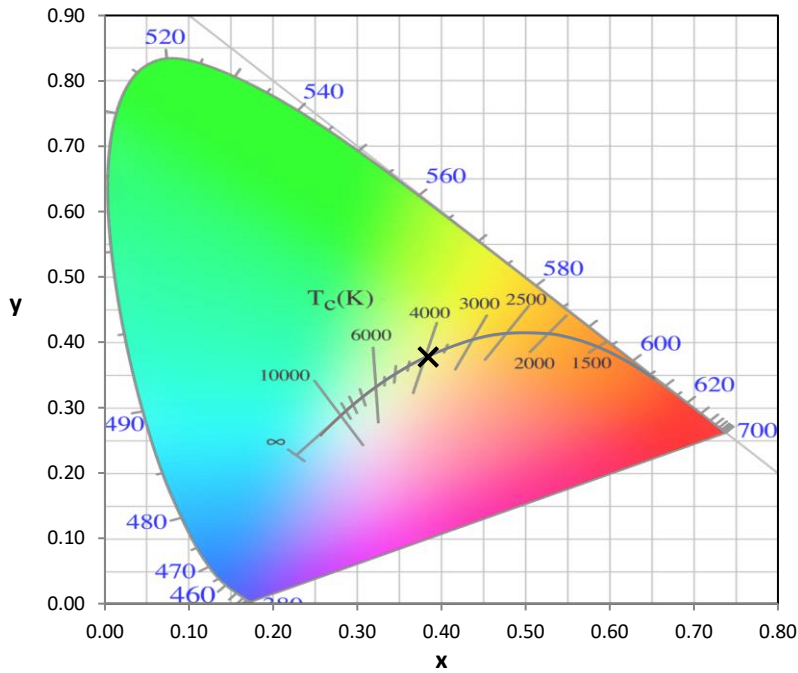
Stabilization Time: 0.818109M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.6

REPORT NUMBER: SP1-2406-133-1

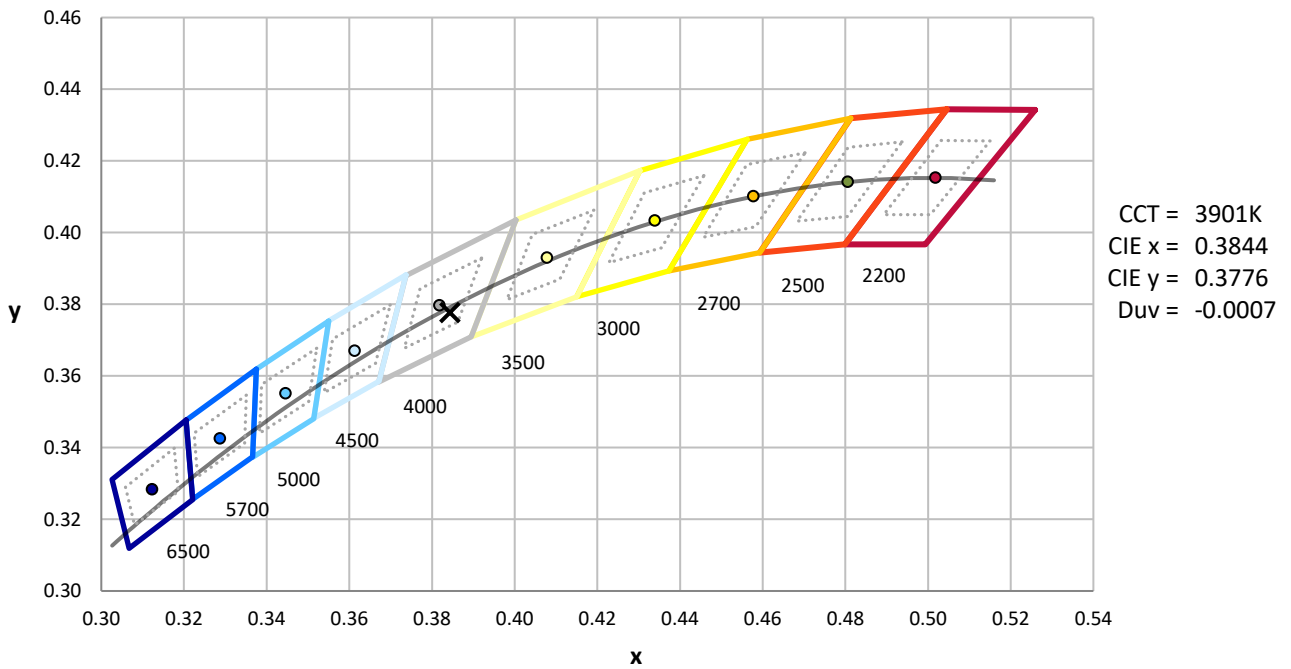
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



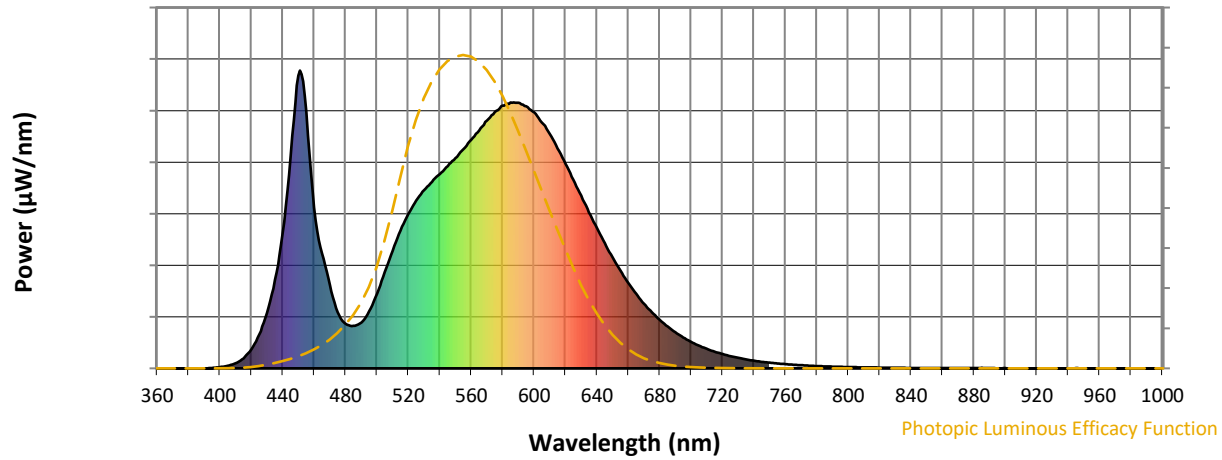
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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

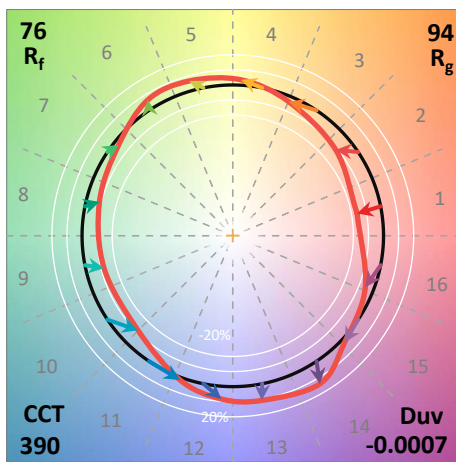
TM-30-18

**Summary**

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



**Color Vector Graphics**



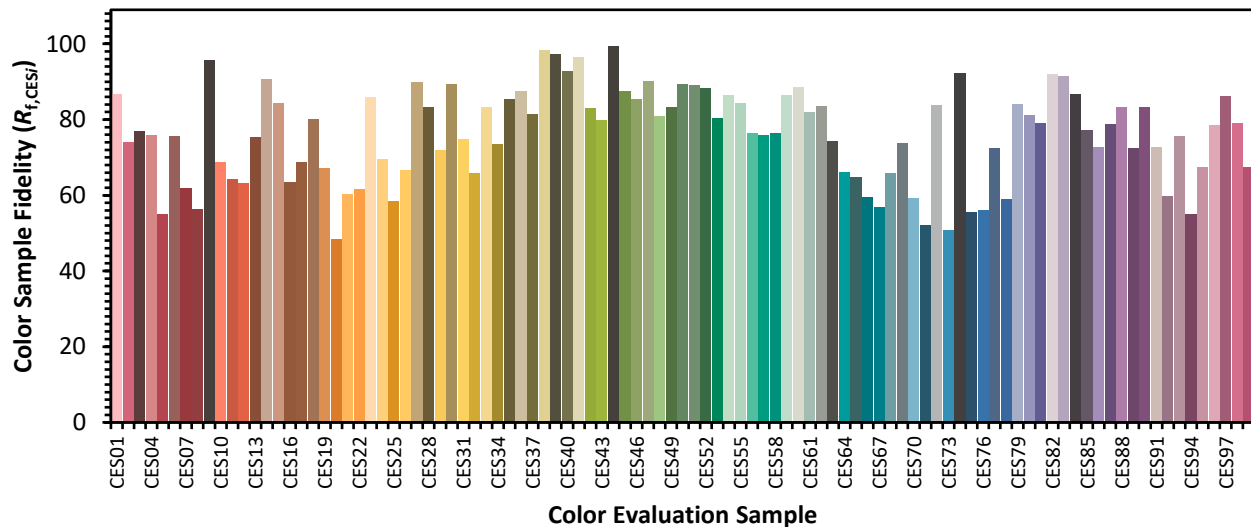


REPORT NUMBER: SP1-2406-133-1

TM-30-18

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

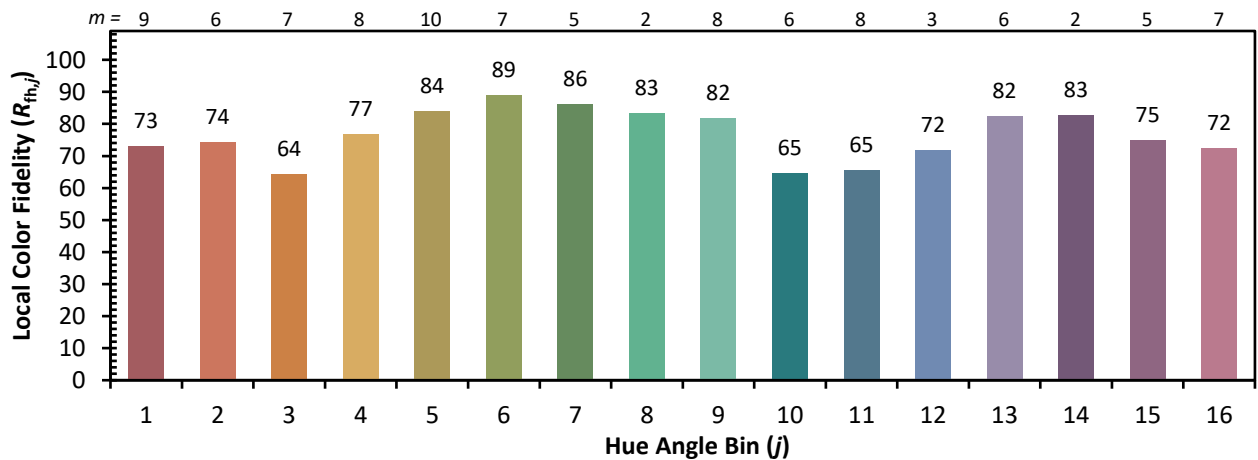
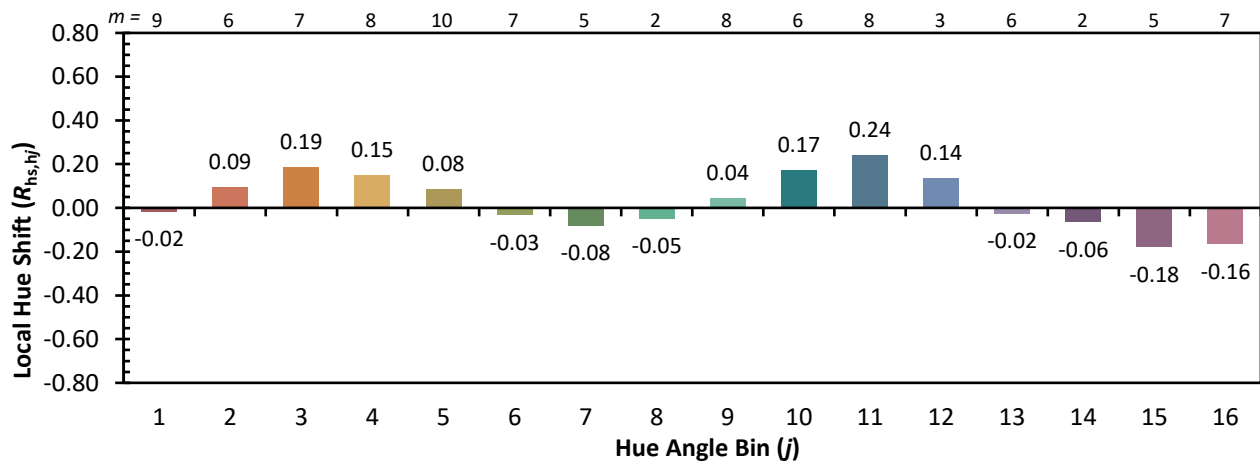
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CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 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
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REPORT NUMBER: SP1-2406-133-1

TM-30-18

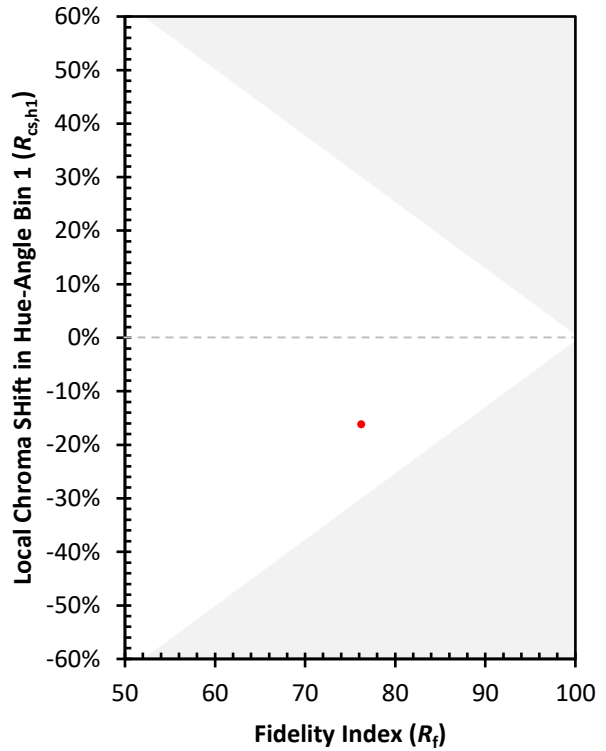
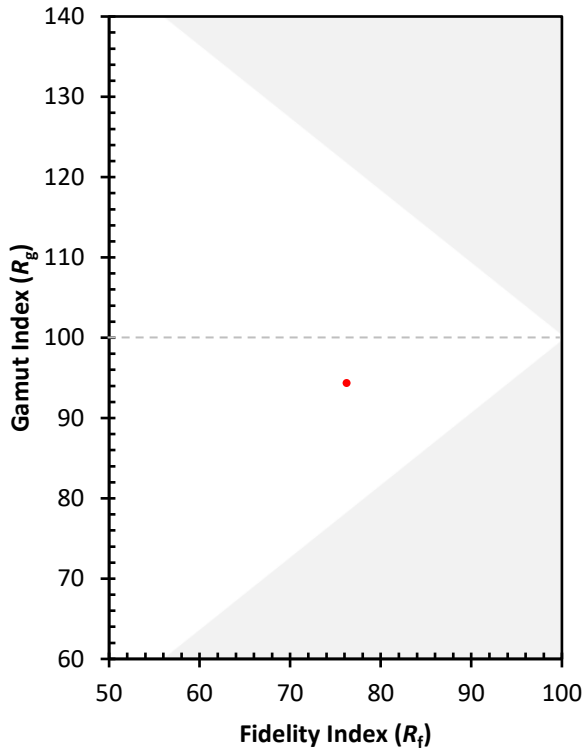
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-1

TM-30-18

Measure Comparisons



(END OF REPORT)