

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: P856414

Luminaire Tested: **FFX-CLB-30-750-U-VM9**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856414  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-30-750-U-VM9  
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK  
Light Source: (6) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

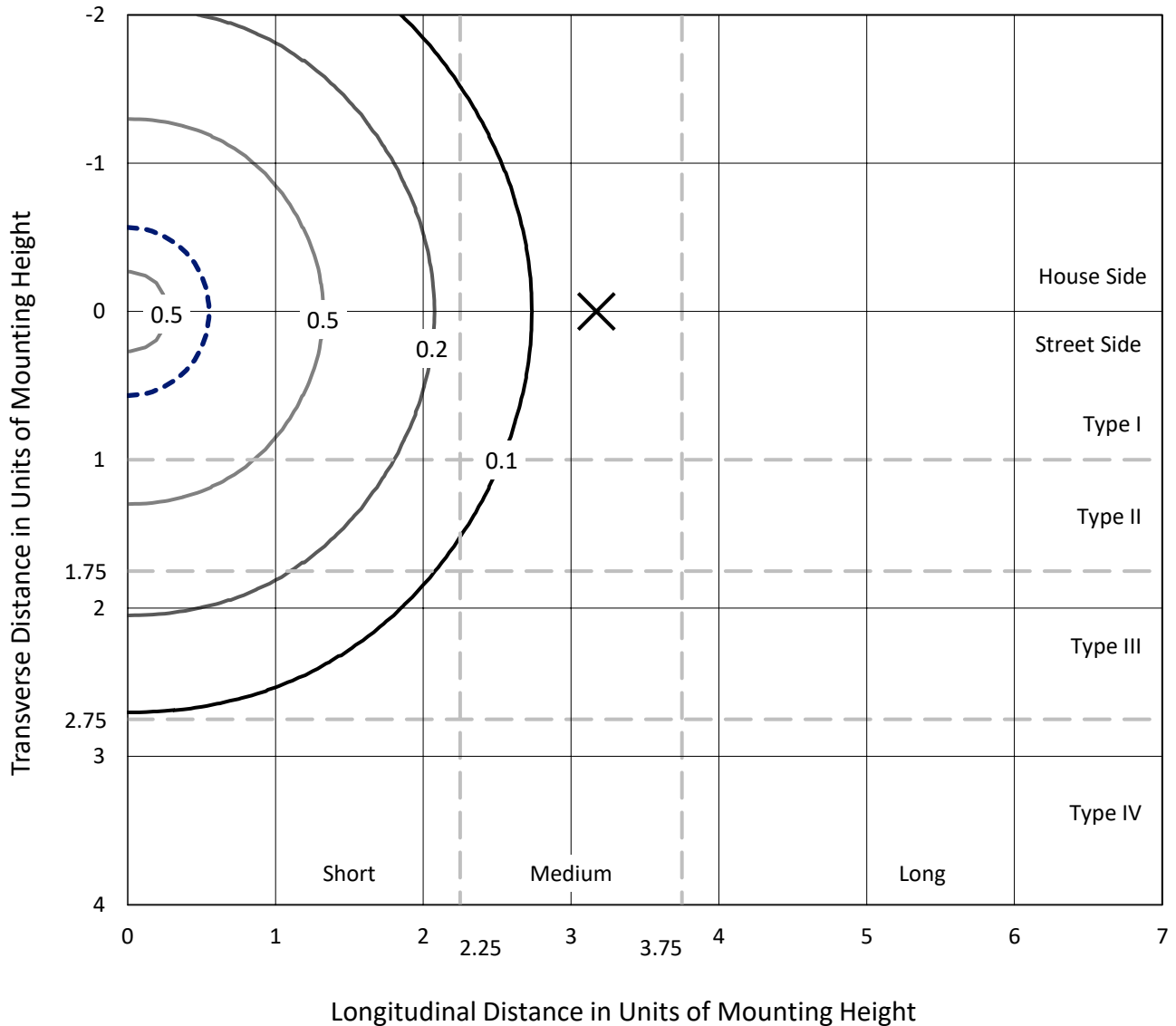
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4913.2 lumens  
Efficiency: N/A  
Efficacy: 161.1 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): 30.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 10.6%%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

REPORT NUMBER: P856414  
 CATALOG NUMBER: FFX-CLB-30-750-U-VM9

### Iso-Footcandle Lines of Horizontal Illumination

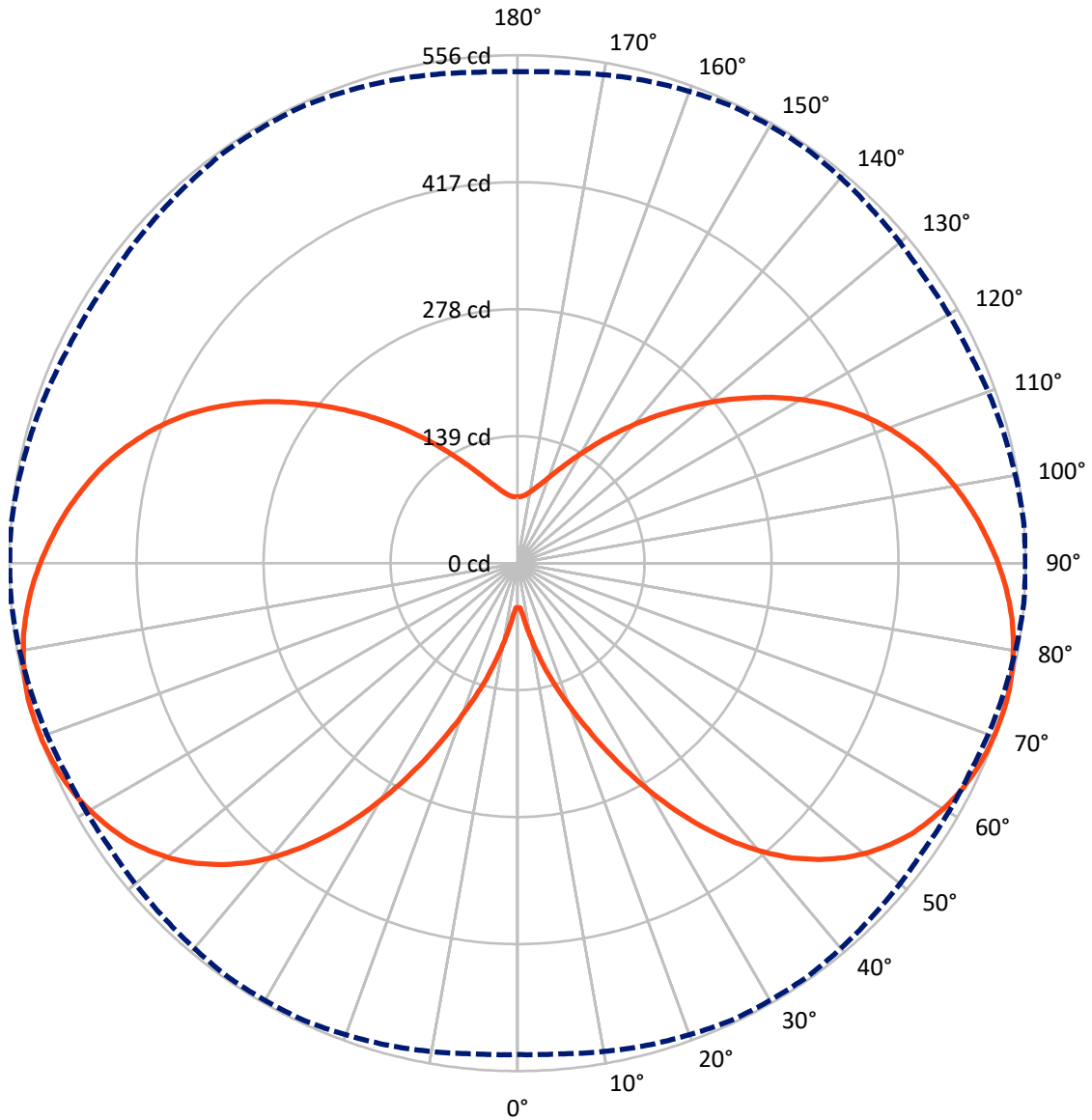
× Max cd  
 - - - 1/2 Max cd



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

REPORT NUMBER: P856414  
CATALOG NUMBER: FFX-CLB-30-750-U-VM9

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P856414

CATALOG NUMBER: FFX-CLB-30-750-U-VM9

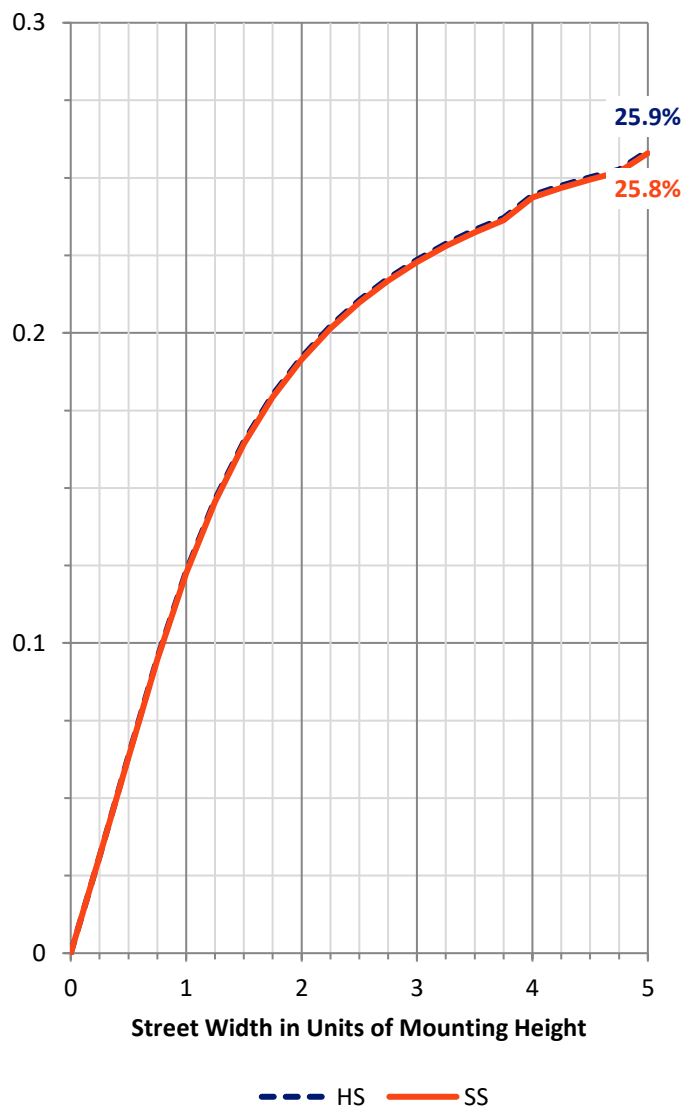
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1439.0	1017.6	2456.6
	% Fixture	29.3	20.7	50.0
<b>Street Side</b>	Lumens	1439.0	1017.6	2456.6
	% Fixture	29.3	20.7	50.0
<b>Total</b>	Lumens	2878.0	2035.1	4913.2
	% Fixture	58.6	41.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	6.3	0.1
10°-20°	36.9	0.8
20°-30°	106.5	2.2
30°-40°	221.5	4.5
40°-50°	351.6	7.2
50°-60°	461.5	9.4
60°-70°	538.1	11.0
70°-80°	578.0	11.8
80°-90°	577.7	11.8
90°-100°	540.8	11.0
100°-110°	474.5	9.7
110°-120°	381.6	7.8
120°-130°	274.1	5.6
130°-140°	176.1	3.6
140°-150°	102.2	2.1
150°-160°	53.7	1.1
160°-170°	25.0	0.5
170°-180°	7.2	0.1
0°-90°	2878.0	58.6
0°-180°	4913.2	100.0



REPORT NUMBER: P856414

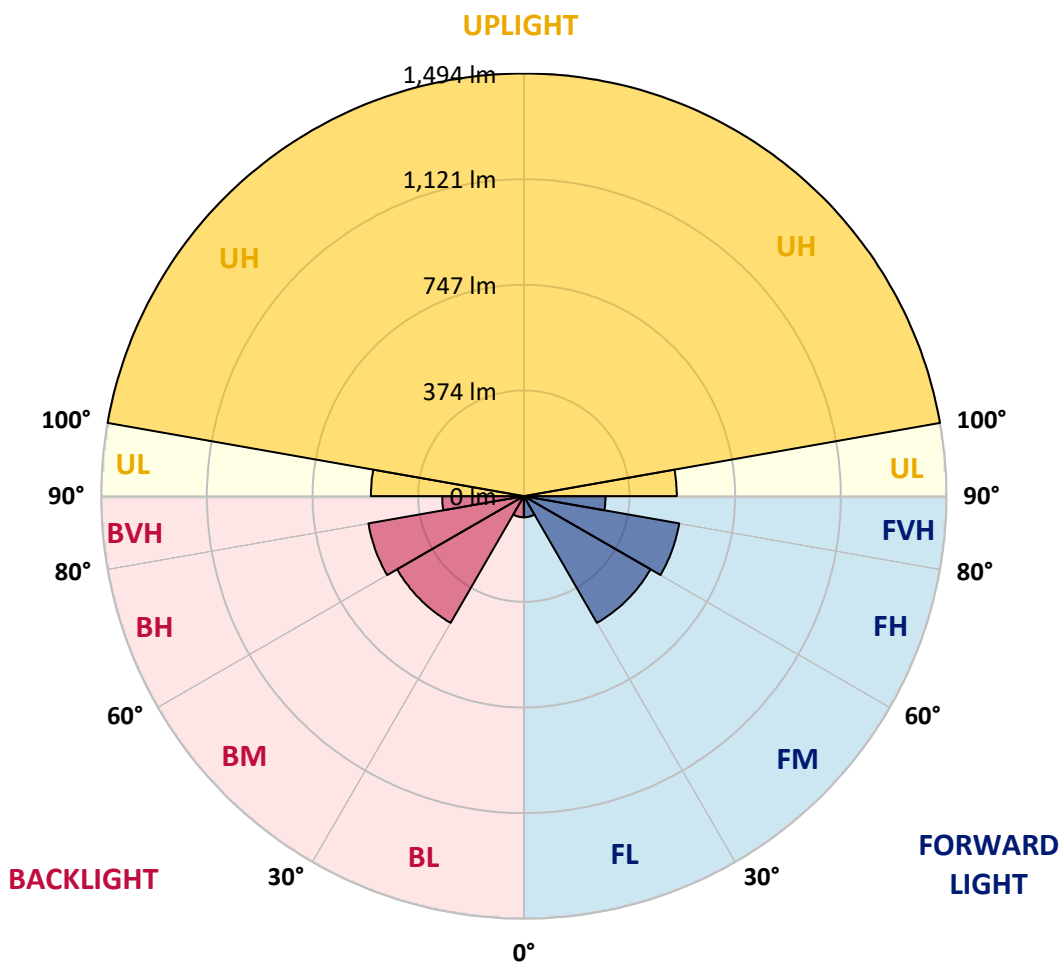
CATALOG NUMBER: FFX-CLB-30-750-U-VM9

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	74.8	1.5			
FM (30°-60°)	517.3	10.5			
FH (60°-80°)	558.0	11.4			G0/660
FVH (80°-90°)	288.9	5.9			G3/500
BL (0°-30°)	74.8	1.5	B0/110		
BM (30°-60°)	517.3	10.5	B1/1000		
BH (60°-80°)	558.0	11.4	B2/1000		G0/660
BVH (80°-90°)	288.9	5.9			G3/500
UL (90°-100°)	540.8	11.0		U4/1000	
UH (100°-180°)	1494.4	30.4		U5	

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

Type V Short





REPORT NUMBER: P856414

CATALOG NUMBER: FFX-CLB-30-750-U-VM9

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
2.5°	50.6	50.6	50.3	50.3	50.0	49.7	49.7	49.3	49.0	49.0	49.0
5°	56.3	56.0	56.0	56.0	56.0	55.7	56.0	55.7	55.7	55.7	56.0
7.5°	68.6	68.3	68.3	68.3	68.6	68.6	68.9	69.3	69.6	69.6	69.6
10°	84.8	84.4	84.4	84.1	84.8	84.8	85.1	84.4	85.4	85.4	85.4
12.5°	103.7	103.4	103.4	103.1	103.7	103.4	104.0	103.4	105.0	104.4	104.4
15°	124.3	124.3	124.0	123.7	124.6	124.6	125.2	125.2	126.2	125.6	125.9
17.5°	146.1	145.8	145.8	145.5	146.4	146.4	146.4	147.1	148.3	147.1	148.0
20°	169.5	169.2	169.2	168.9	169.8	169.8	170.5	170.8	172.0	171.1	171.7
22.5°	194.8	194.5	194.5	194.5	195.8	196.1	196.1	197.0	198.6	197.0	198.3
25°	223.0	222.6	222.6	223.6	224.5	224.9	225.5	226.8	228.3	226.8	228.3
27.5°	253.0	252.7	253.3	254.6	255.5	256.2	257.1	257.4	259.6	258.1	260.3
30°	284.0	283.7	284.3	285.9	287.2	289.1	289.1	290.0	293.2	291.0	293.2
32.5°	314.7	314.4	315.3	317.2	319.1	321.0	321.3	322.6	325.7	324.2	326.4
35°	345.0	344.7	346.0	348.5	350.4	352.3	352.9	354.2	357.7	356.1	358.3
37.5°	373.8	373.8	375.1	377.9	380.1	382.7	382.3	383.9	387.1	386.1	388.4
40°	400.7	400.7	402.3	405.8	408.3	409.9	409.5	411.1	414.6	414.3	416.2
42.5°	425.0	425.0	427.3	430.7	433.3	434.2	434.2	435.8	439.6	439.3	441.2
45°	445.6	446.5	449.1	452.9	455.1	456.0	455.4	457.0	461.1	461.1	462.7
47.5°	464.6	465.8	468.4	472.2	473.7	474.7	474.1	475.3	479.4	480.1	481.7
50°	481.0	482.0	485.1	489.2	490.8	490.8	489.9	491.1	495.6	496.8	498.1
52.5°	495.3	496.2	499.7	504.1	505.1	504.7	503.5	504.7	509.2	510.4	511.4
55°	506.6	507.6	511.7	516.1	517.1	516.1	514.2	515.8	519.9	521.8	523.4
57.5°	515.8	516.8	521.5	525.9	526.9	525.0	522.8	524.3	529.1	531.3	531.9
60°	523.4	524.3	529.4	534.2	534.8	532.6	530.0	531.6	536.4	538.9	539.5
62.5°	529.4	530.4	535.7	541.1	541.4	538.6	535.7	537.3	542.1	544.9	545.9
65°	533.5	534.5	540.5	545.9	546.5	543.0	540.2	541.7	546.2	549.6	550.3
67.5°	536.4	537.3	544.0	549.6	550.0	546.2	543.0	544.3	549.3	552.8	553.4
70°	537.6	538.6	545.5	551.5	551.9	547.7	544.0	545.5	550.6	554.7	555.3
72.5°	537.9	539.2	546.5	552.5	552.8	548.1	544.3	545.5	550.9	555.7	556.0
75°	536.7	538.3	545.9	552.2	552.2	546.8	542.7	544.0	550.0	555.0	556.0
77.5°	535.1	536.0	544.0	550.3	550.0	544.3	539.5	541.4	547.4	553.1	553.8
80°	531.6	532.9	540.8	546.8	546.2	539.8	535.4	537.3	543.6	549.6	550.3
82.5°	527.2	528.5	536.4	541.7	541.1	534.5	530.0	532.3	538.9	545.2	545.9
85°	521.8	523.1	530.7	535.7	534.8	528.1	523.7	525.6	532.9	539.2	539.8
87.5°	514.9	516.1	523.7	528.1	527.2	520.2	516.4	519.0	525.6	532.3	532.6
90°	507.0	508.5	515.2	519.3	518.0	511.7	508.2	510.7	517.4	523.7	524.3
92.5°	499.0	499.7	506.0	509.5	508.5	502.8	499.7	502.5	508.5	514.9	514.9
95°	489.6	490.5	496.2	499.0	498.1	493.4	490.5	493.7	499.0	505.1	505.4
97.5°	479.4	480.4	485.1	488.0	487.0	482.9	481.0	484.2	488.9	494.6	494.9
100°	468.7	469.3	473.4	476.0	475.0	471.8	470.6	473.7	478.2	483.5	483.5
102.5°	456.7	457.3	460.5	462.0	461.7	459.2	459.2	462.7	466.2	471.2	471.8
105°	444.0	444.7	446.9	447.8	447.5	446.5	447.2	450.7	453.5	457.9	458.6
107.5°	429.8	430.4	431.7	432.0	432.0	432.0	434.2	437.4	440.5	443.7	444.0
110°	414.6	414.9	415.9	415.6	415.6	416.2	419.4	422.8	425.4	428.5	428.8



REPORT NUMBER: P856414  
 CATALOG NUMBER: FFX-CLB-30-750-U-VM9

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	398.2	398.5	399.1	397.8	398.2	399.4	403.5	407.3	408.9	412.1	412.1
115°	380.8	380.5	381.1	379.5	379.2	381.4	385.8	390.3	391.5	393.7	394.1
117.5°	361.8	362.1	361.8	359.9	359.6	362.7	366.9	371.0	372.5	375.1	374.4
120°	342.2	341.9	342.2	340.0	339.7	343.1	347.2	351.4	352.3	354.5	353.9
122.5°	322.3	321.9	321.6	319.4	319.4	322.3	327.3	331.4	330.8	333.3	333.0
125°	301.7	301.7	301.1	298.9	298.9	302.3	306.4	310.2	309.6	312.5	311.5
127.5°	281.5	281.5	280.8	278.9	278.9	282.1	285.9	289.7	288.7	291.3	290.3
130°	261.5	261.5	260.9	259.0	259.0	261.5	265.7	268.8	267.5	269.8	269.4
132.5°	242.6	242.2	241.9	240.0	240.4	242.9	246.0	248.9	247.6	250.2	249.2
135°	224.2	223.9	223.6	221.7	222.0	224.5	227.4	229.6	228.7	230.2	229.9
137.5°	206.8	206.5	206.2	204.6	204.9	206.8	209.7	211.6	210.3	212.5	211.6
140°	190.4	190.1	189.4	188.5	188.8	190.7	192.3	194.5	193.2	195.1	194.2
142.5°	174.6	174.6	173.9	173.0	173.3	175.2	176.5	178.1	176.8	178.4	177.7
145°	160.0	160.0	159.4	158.8	158.8	160.3	161.3	162.9	161.6	163.2	162.6
147.5°	146.7	146.7	146.1	145.5	145.5	147.1	147.7	149.0	147.7	149.0	148.3
150°	134.4	134.4	134.1	133.5	133.8	134.4	135.0	136.0	135.0	136.0	135.7
152.5°	123.7	123.7	123.3	123.0	122.7	123.7	124.0	124.9	124.0	124.9	124.3
155°	114.2	113.9	113.9	113.2	113.2	113.9	114.2	114.8	113.9	114.8	114.5
157.5°	105.6	105.6	105.3	105.0	105.0	105.3	105.6	105.9	105.3	106.3	105.6
160°	98.4	98.4	98.0	97.7	97.7	98.0	98.0	98.4	97.7	98.4	98.0
162.5°	92.0	92.0	91.7	91.7	91.4	91.7	92.0	92.0	91.7	92.0	91.7
165°	87.0	87.0	86.7	86.3	86.3	86.7	86.7	87.0	86.3	86.7	86.7
167.5°	82.2	82.2	82.2	81.9	81.6	81.9	81.9	81.9	81.6	81.9	81.9
170°	78.7	78.7	78.7	78.4	78.1	78.4	78.4	78.4	78.1	78.4	78.4
172.5°	75.9	75.9	75.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
175°	74.0	74.0	74.0	74.0	73.7	74.0	74.0	74.0	74.0	74.0	73.7
177.5°	73.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
180°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4



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: SP1-2406-133-5

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-750-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-750-U-FR-T5.

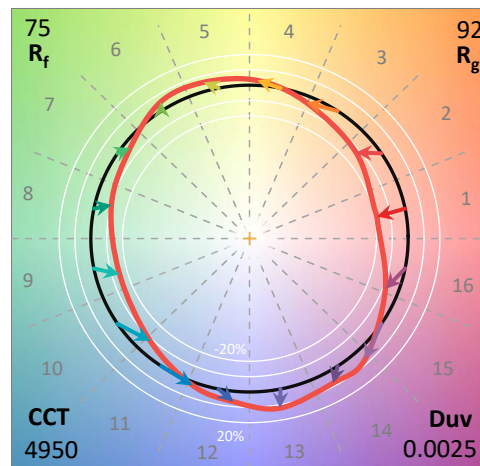
**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2406-133-5  
 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-100-750-U-FR-T5**  
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

**Spectral Parameters**

CCT (K): 4950  
 CIE u': 0.2102  
 CIE v': 0.4882  
 Duv: 0.0025  
 CIE x: 0.3471  
 CIE y: 0.3583  
 CIE z: 0.2946  
 Peak Wavelength (nm): 452  
 Dominant Wavelength (nm): 571  
 Purity: 11.64963  
 Rf: 74.8  
 Rg: 92.4

CRI (Ra):	73.0		
R1:	69.1	R9:	-35.4
R2:	80.1	R10:	51.9
R3:	87.3	R11:	66.1
R4:	70.6	R12:	40.1
R5:	69.4	R13:	71.5
R6:	71.2	R14:	93.0
R7:	82.5	R15:	62.2
R8:	53.6		



**Test Conditions**

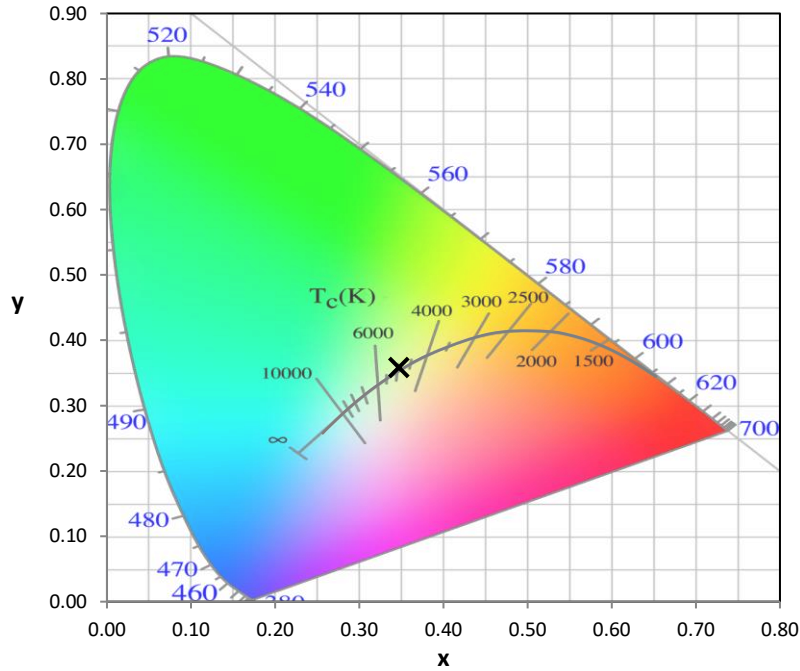
Stabilization Time: 0.803355M  
 Operation Time: 1H  
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-5

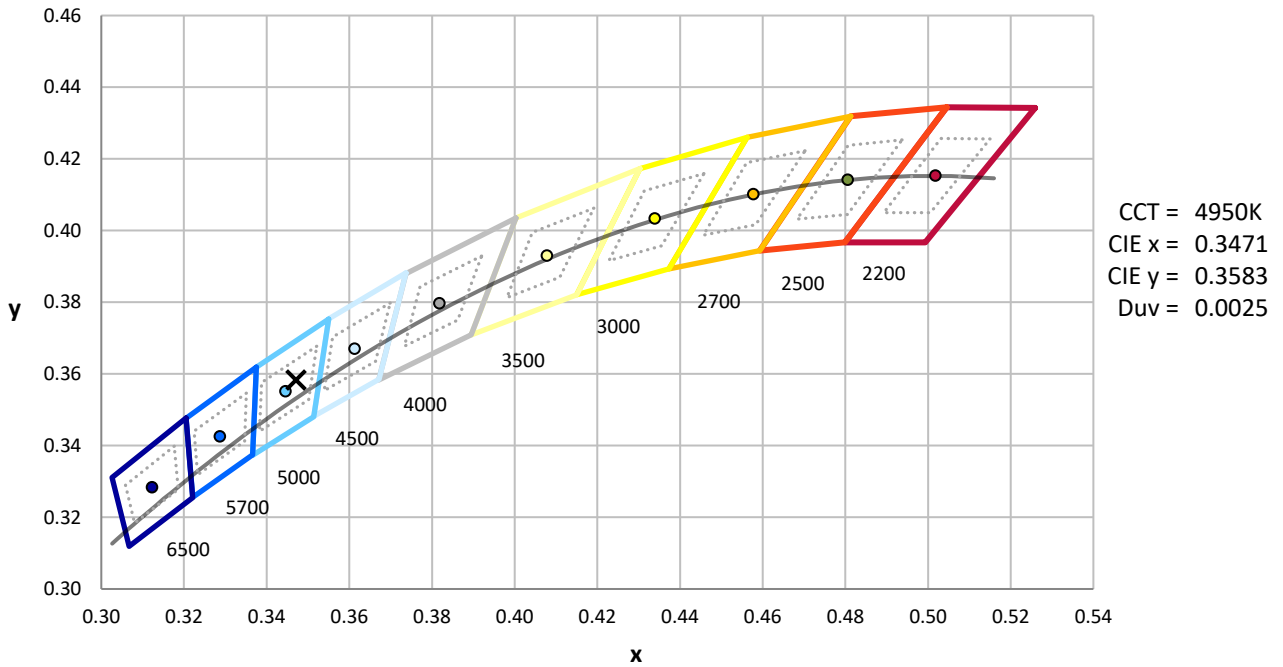
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2406-133-5

CIE 1931 Chromaticity Diagram



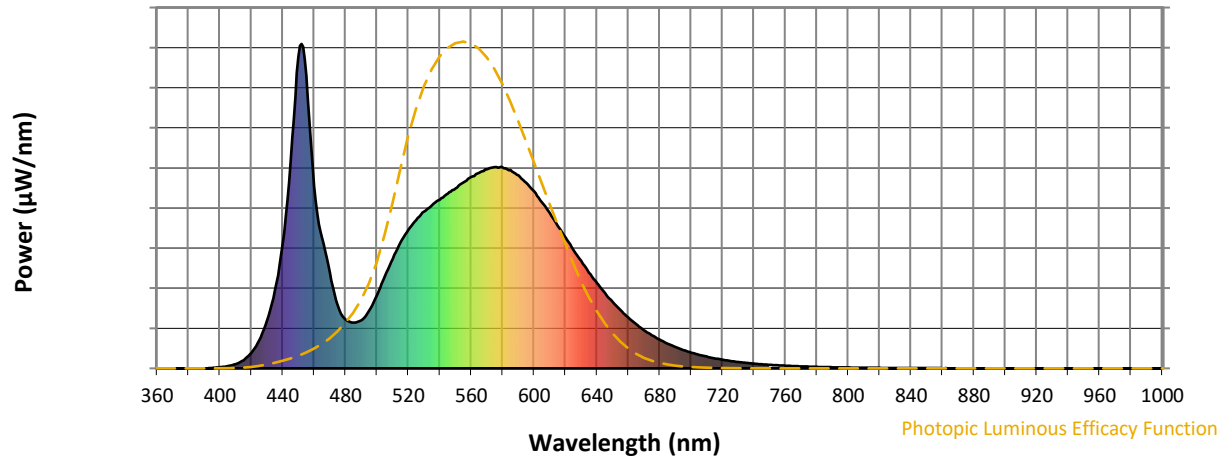
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-5

**Photopic Flux vs. Wavelength**

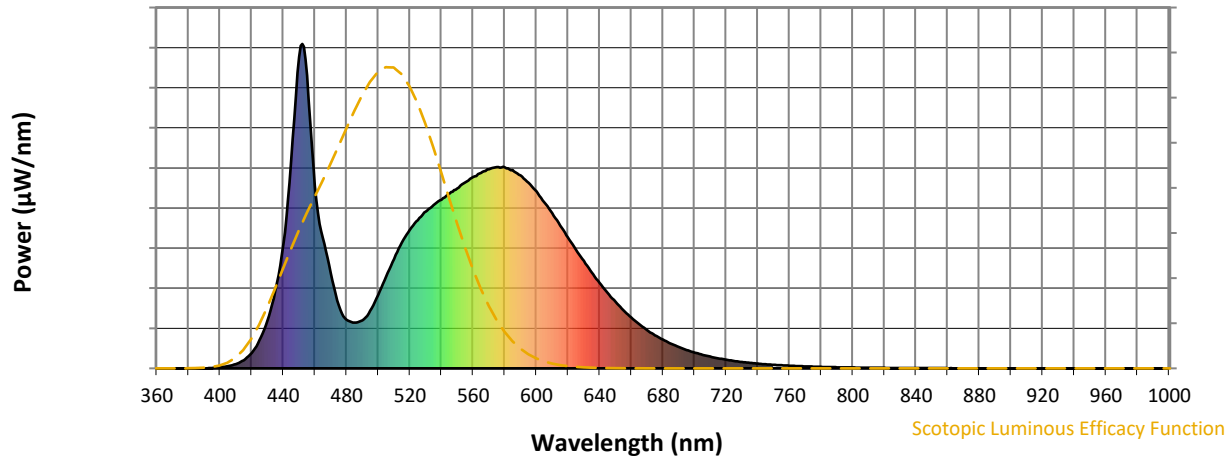


**Photopic Lumens: NR**

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2406-133-5

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.8**

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2406-133-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2406-133-5

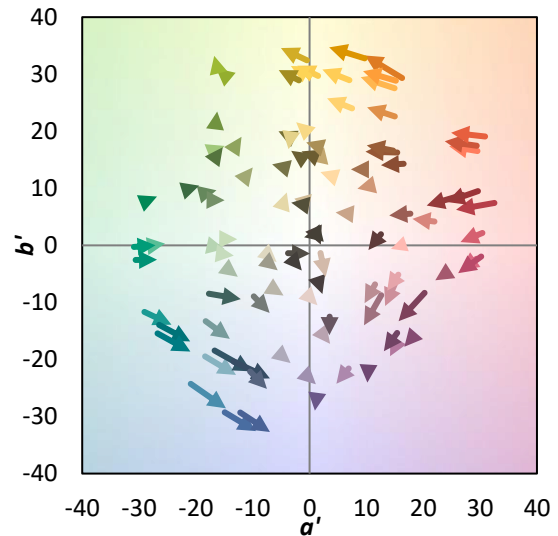
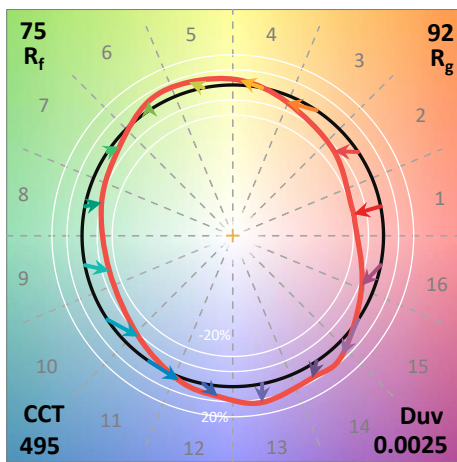
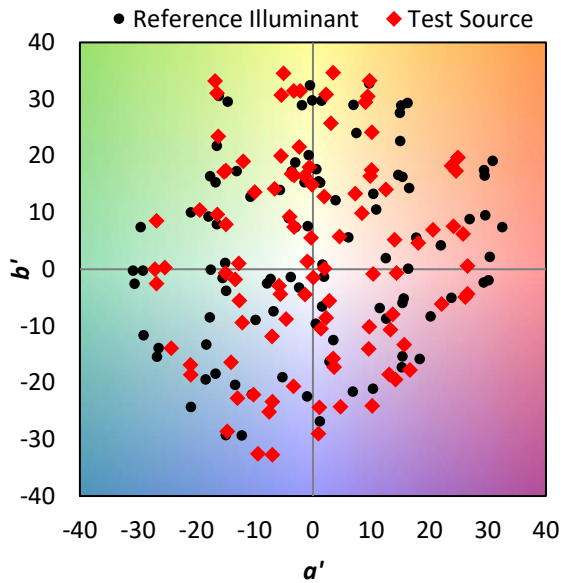
TM-30-18

**Summary**

$R_f = 74.8$   
 $R_g = 92.4$   
 CIE  $R_a = 73.0$   
 $R_9 = -35.4$



**Color Vector Graphics**



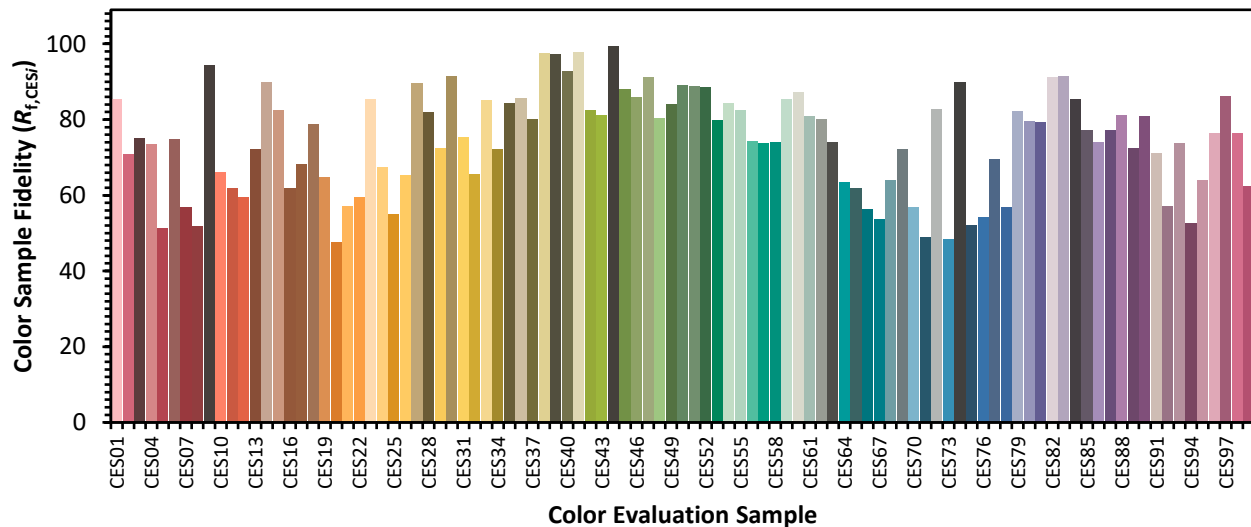


REPORT NUMBER: SP1-2406-133-5

TM-30-18

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

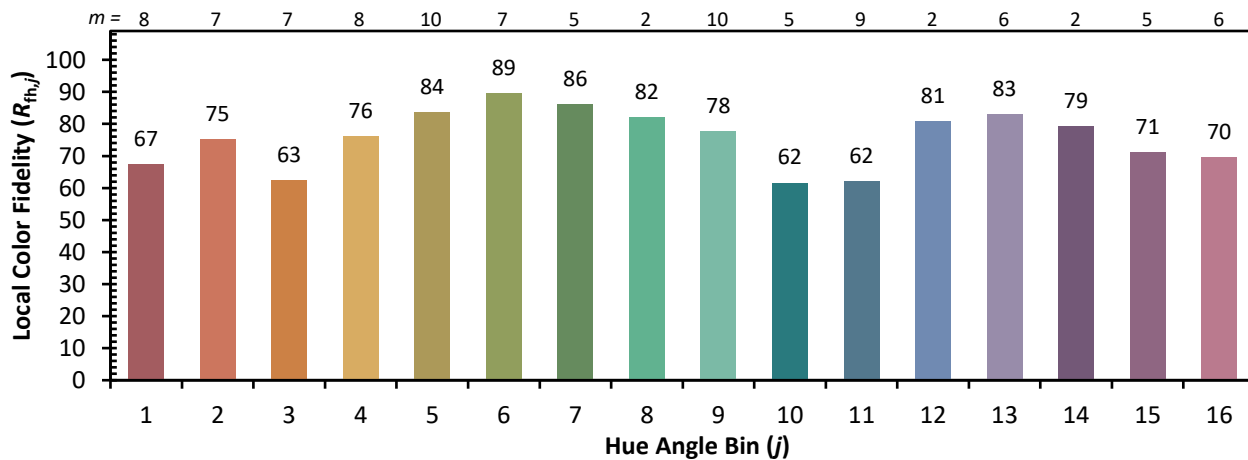
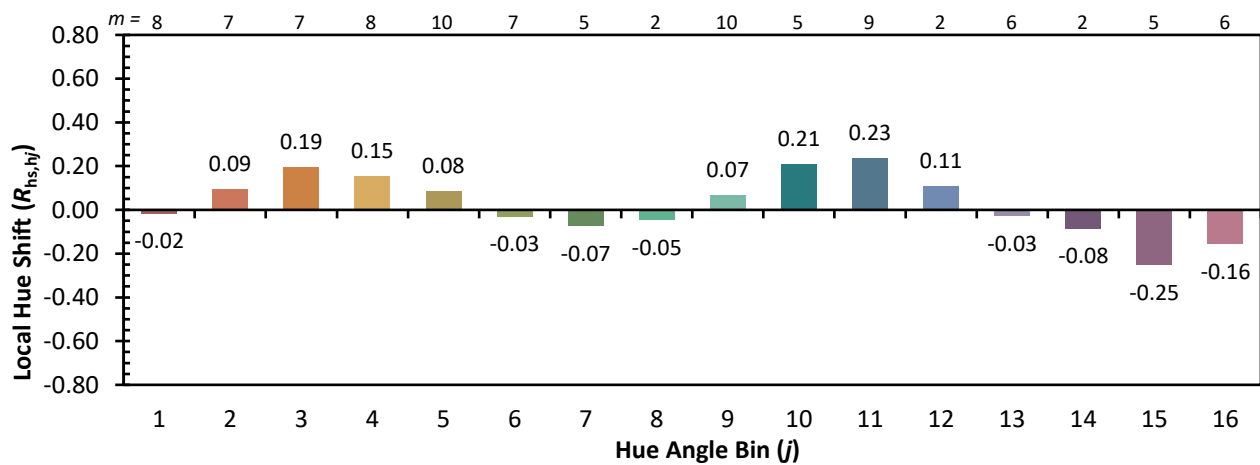
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 91
CES08 = 38	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 72	CES59 = 85	CES84 = 85
CES10 = 73	CES35 = 84	CES60 = 87	CES85 = 77
CES11 = 56	CES36 = 86	CES61 = 81	CES86 = 74
CES12 = 62	CES37 = 80	CES62 = 80	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 74	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 63	CES89 = 72
CES15 = 70	CES40 = 93	CES65 = 62	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 56	CES91 = 71
CES17 = 49	CES42 = 83	CES67 = 54	CES92 = 57
CES18 = 55	CES43 = 81	CES68 = 64	CES93 = 74
CES19 = 71	CES44 = 99	CES69 = 72	CES94 = 53
CES20 = 64	CES45 = 88	CES70 = 57	CES95 = 64
CES21 = 85	CES46 = 86	CES71 = 49	CES96 = 76
CES22 = 77	CES47 = 91	CES72 = 83	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 48	CES98 = 77
CES24 = 90	CES49 = 84	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 52	



REPORT NUMBER: SP1-2406-133-5

TM-30-18

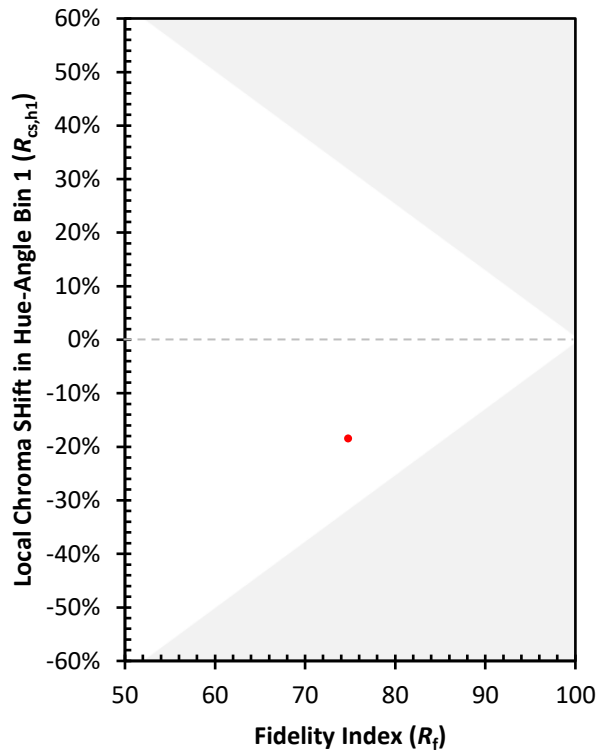
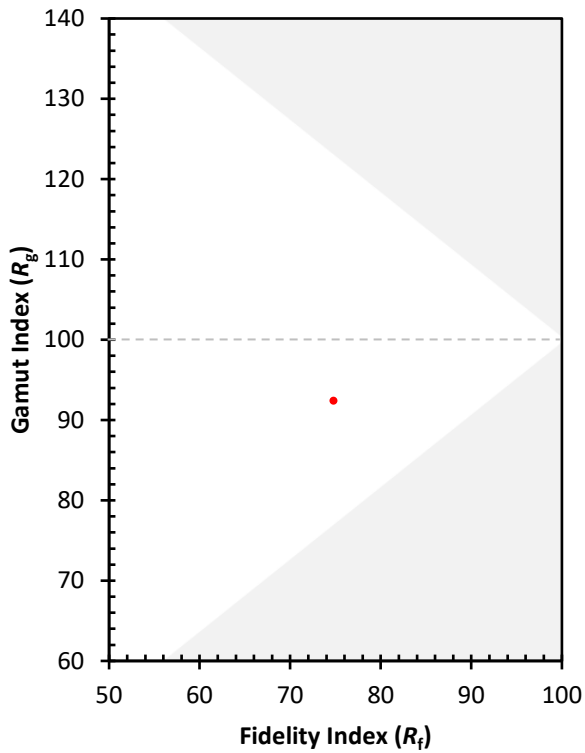
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-5

TM-30-18

Measure Comparisons



(END OF REPORT)