

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: P856068

Luminaire Tested: **FFX-CLB-70-727-U-FR-T5**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856068
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-70-727-U-FR-T5
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source: (6) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

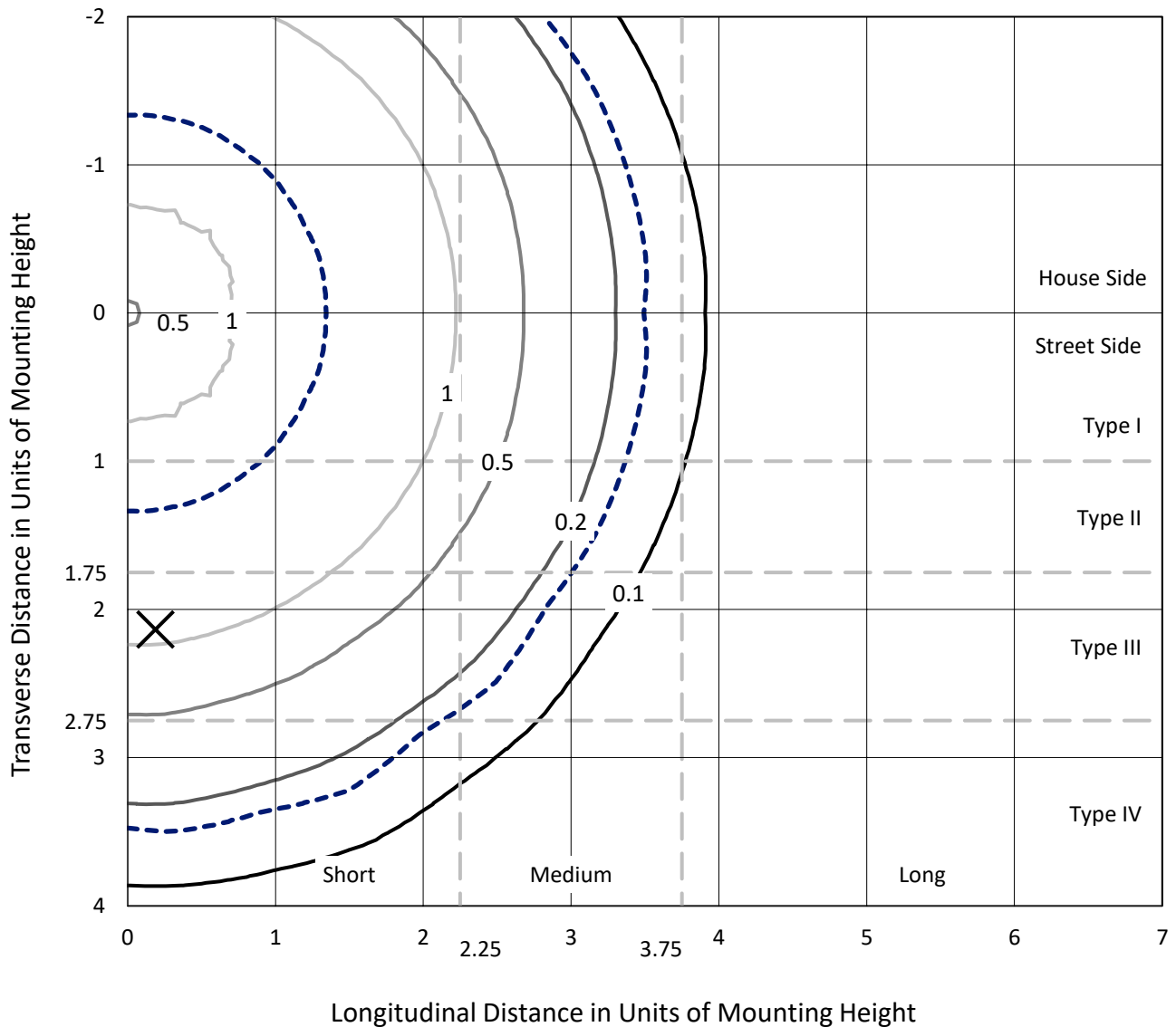
Lumens per Lamp: N/A
Luminaire Lumens: 10472.3 lumens
Efficiency: N/A
Efficacy: 149.0 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G3

Input Watts (W): 70.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 7.1%%
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

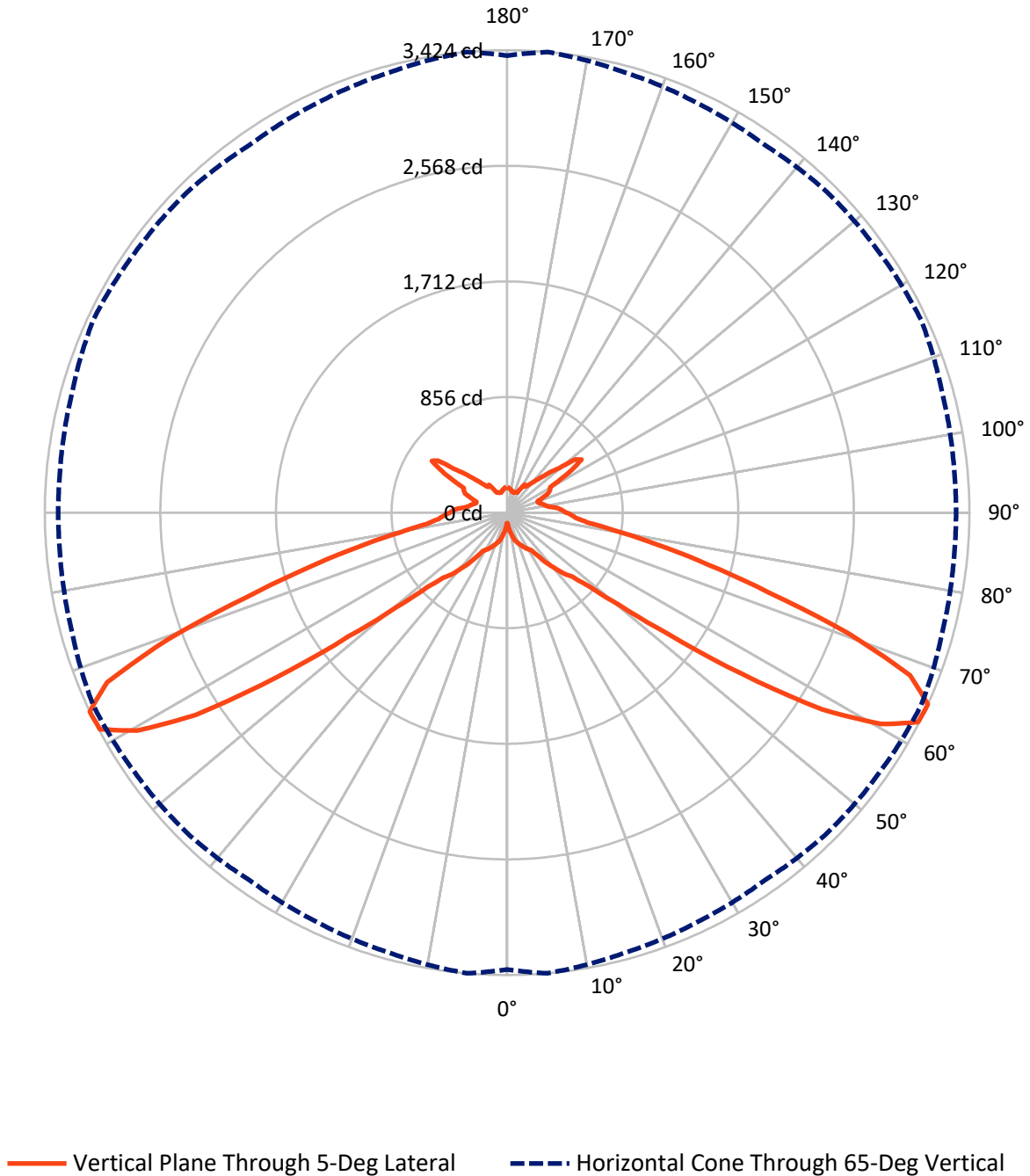
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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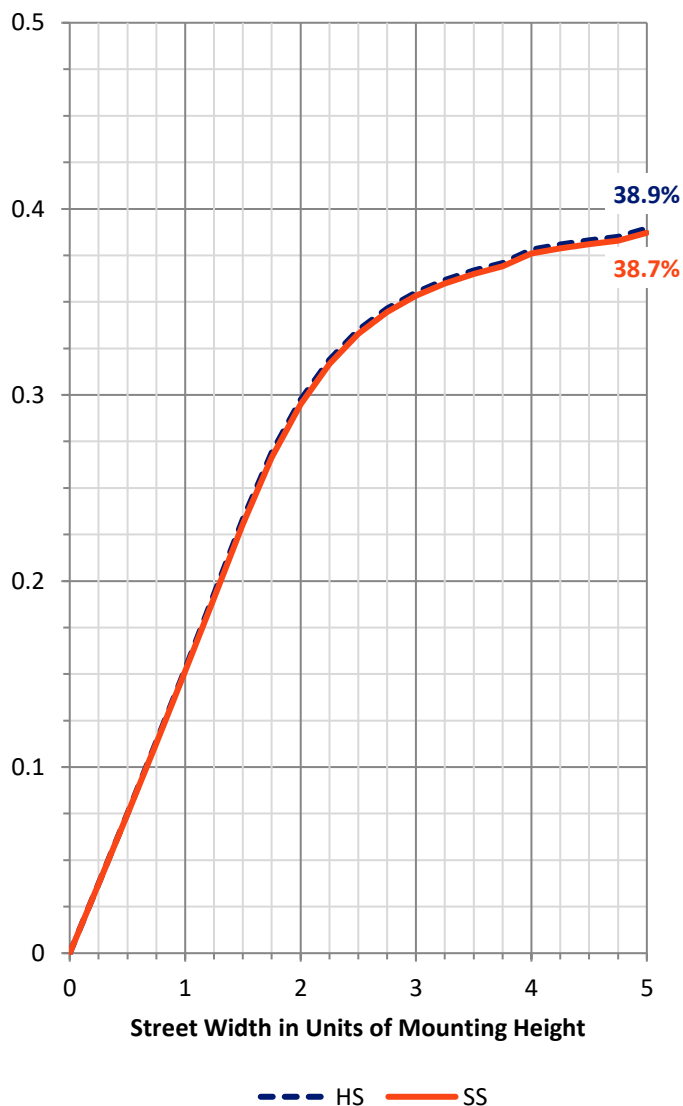
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4219.9	1016.3	5236.1
	% Fixture	40.3	9.7	50.0
Street Side	Lumens	4219.9	1016.3	5236.1
	% Fixture	40.3	9.7	50.0
Total	Lumens	8439.7	2032.5	10472.3
	% Fixture	80.6	19.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.9	0.1
10°-20°	59.8	0.6
20°-30°	129.9	1.2
30°-40°	257.9	2.5
40°-50°	559.2	5.3
50°-60°	1926.0	18.4
60°-70°	3163.2	30.2
70°-80°	1697.8	16.2
80°-90°	634.0	6.1
90°-100°	400.4	3.8
100°-110°	268.2	2.6
110°-120°	294.8	2.8
120°-130°	487.8	4.7
130°-140°	287.2	2.7
140°-150°	152.0	1.5
150°-160°	79.8	0.8
160°-170°	45.3	0.4
170°-180°	17.0	0.2
0°-90°	8439.7	80.6
0°-180°	10472.3	100.0



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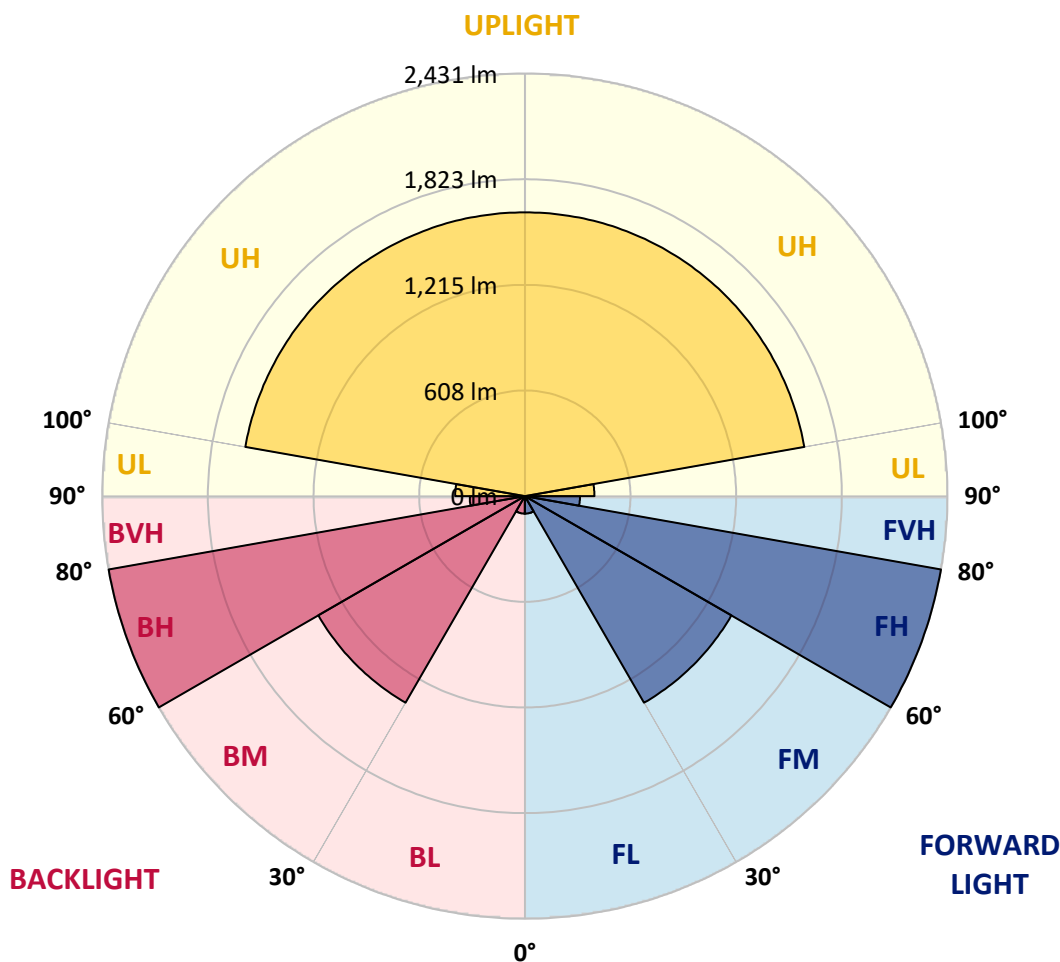
CATALOG NUMBER: FFX-CLB-70-727-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	100.8	1.0			
FM (30°-60°)	1371.5	13.1			
FH (60°-80°)	2430.5	23.2			G2/5000
FVH (80°-90°)	317.0	3.0			G3/500
BL (0°-30°)	100.8	1.0	B0/110		
BM (30°-60°)	1371.5	13.1	B2/2500		
BH (60°-80°)	2430.5	23.2	B3/2500		G2/5000
BVH (80°-90°)	317.0	3.0			G3/500
UL (90°-100°)	400.4	3.8		U3/500	
UH (100°-180°)	1632.1	15.6		U5	

BUG Rating: B3-U5-G3

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
2.5°	82.2	82.2	81.1	80.1	81.1	82.2	82.2	83.3	81.1	81.1	82.2
5°	109.9	109.9	109.9	108.9	106.7	106.7	105.7	108.9	109.9	111.0	111.0
7.5°	136.6	135.6	137.7	138.8	133.4	131.3	131.3	132.4	134.5	136.6	138.8
10°	154.8	153.7	154.8	159.0	158.0	154.8	154.8	154.8	158.0	163.3	164.4
12.5°	182.5	182.5	184.7	187.9	188.9	185.7	183.6	183.6	187.9	188.9	187.9
15°	212.4	212.4	211.3	210.3	211.3	210.3	210.3	211.3	214.5	213.5	213.5
17.5°	228.4	227.4	226.3	227.4	227.4	226.3	227.4	229.5	228.4	231.6	232.7
20°	245.5	245.5	243.4	243.4	243.4	244.4	245.5	244.4	245.5	246.6	247.6
22.5°	261.5	261.5	260.4	259.4	260.4	261.5	262.6	260.4	260.4	262.6	262.6
25°	279.7	279.7	279.7	276.5	277.5	278.6	277.5	276.5	277.5	278.6	279.7
27.5°	299.9	299.9	297.8	294.6	295.7	295.7	296.7	294.6	296.7	296.7	296.7
30°	317.0	314.9	313.8	311.7	311.7	313.8	315.9	312.7	313.8	313.8	314.9
32.5°	333.0	333.0	332.0	327.7	326.6	333.0	335.2	334.1	329.8	330.9	332.0
35°	392.8	392.8	385.3	377.9	384.3	383.2	391.7	391.7	391.7	393.9	398.1
37.5°	467.5	470.7	482.5	499.5	499.5	475.0	462.2	461.1	478.2	493.1	492.1
40°	533.7	536.9	533.7	535.8	533.7	534.8	535.8	533.7	524.1	520.9	514.5
42.5°	615.9	617.0	596.7	573.2	575.3	587.1	600.9	602.0	581.7	572.1	570.0
45°	673.5	675.7	668.2	665.0	665.0	669.3	668.2	668.2	660.7	659.7	657.5
47.5°	814.4	810.2	795.2	789.9	796.3	793.1	813.4	808.0	799.5	799.5	807.0
50°	1080.2	1075.9	1077.0	1071.7	1088.7	1064.2	1088.7	1082.3	1069.5	1075.9	1081.3
52.5°	1514.6	1488.0	1491.2	1480.5	1510.4	1488.0	1528.5	1523.2	1481.5	1499.7	1500.8
55°	2140.1	2106.0	2103.8	2032.3	2087.8	2095.3	2146.5	2159.3	2078.2	2079.3	2084.6
57.5°	2760.3	2749.6	2783.8	2738.9	2778.4	2760.3	2759.2	2782.7	2735.7	2742.1	2759.2
60°	3171.2	3179.8	3218.2	3229.9	3243.8	3218.2	3165.9	3176.6	3173.4	3227.8	3232.1
62.5°	3391.1	3416.7	3389.0	3380.4	3368.7	3378.3	3371.9	3378.3	3359.1	3384.7	3385.8
65°	3383.6	3424.2	3374.0	3343.1	3323.9	3353.8	3362.3	3381.5	3340.9	3324.9	3324.9
67.5°	3169.1	3218.2	3139.2	3136.0	3089.0	3139.2	3125.3	3140.3	3108.3	3085.8	3064.5
70°	2636.5	2681.3	2586.3	2598.0	2516.9	2599.1	2577.8	2605.5	2579.9	2536.1	2510.5
72.5°	1986.4	2025.9	1955.5	1973.6	1920.2	1982.2	1949.1	1996.0	1980.0	1960.8	1939.5
75°	1502.9	1533.8	1538.1	1599.0	1534.9	1564.8	1505.0	1532.8	1559.5	1581.9	1558.4
77.5°	1105.8	1127.2	1191.2	1258.5	1195.5	1216.8	1157.1	1183.7	1208.3	1246.7	1229.6
80°	781.3	805.9	864.6	914.8	868.9	888.1	849.6	864.6	883.8	911.6	893.4
82.5°	608.4	599.9	597.7	584.9	571.1	619.1	628.7	637.2	619.1	611.6	603.1
85°	510.2	512.4	525.2	541.2	541.2	542.2	532.6	536.9	544.4	558.2	559.3
87.5°	468.6	475.0	511.3	524.1	518.8	520.9	512.4	514.5	519.8	527.3	525.2
90°	413.1	429.1	463.2	476.1	467.5	471.8	467.5	470.7	466.5	468.6	464.3
92.5°	403.5	402.4	413.1	412.0	406.7	419.5	419.5	421.6	416.3	413.1	410.9
95°	373.6	371.5	370.4	373.6	361.8	371.5	369.3	373.6	371.5	371.5	367.2
97.5°	312.7	312.7	310.6	313.8	306.3	310.6	305.3	308.5	307.4	308.5	305.3
100°	288.2	288.2	286.1	286.1	282.9	283.9	281.8	281.8	280.7	279.7	279.7
102.5°	271.1	273.3	270.1	271.1	266.8	266.8	264.7	265.8	264.7	264.7	263.6
105°	255.1	256.2	254.0	254.0	250.8	249.8	247.6	248.7	249.8	247.6	247.6
107.5°	239.1	240.2	239.1	239.1	235.9	233.8	230.6	230.6	231.6	232.7	232.7
110°	245.5	242.3	239.1	237.0	241.2	234.8	232.7	231.6	232.7	235.9	237.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	293.5	291.4	291.4	281.8	292.5	286.1	281.8	274.3	277.5	279.7	279.7
115°	340.5	341.6	328.8	324.5	318.1	317.0	320.2	311.7	310.6	311.7	309.5
117.5°	382.1	359.7	311.7	298.9	295.7	293.5	291.4	289.3	287.1	299.9	286.1
120°	408.8	370.4	335.2	327.7	345.8	320.2	303.1	299.9	306.3	328.8	325.6
122.5°	579.6	546.5	520.9	476.1	520.9	495.3	501.7	489.9	483.5	470.7	472.9
125°	677.8	676.7	665.0	656.4	667.1	657.5	646.8	642.6	636.2	639.4	634.0
127.5°	629.8	639.4	624.4	641.5	603.1	613.8	611.6	619.1	612.7	614.8	606.3
130°	498.5	505.9	492.1	483.5	466.5	485.7	486.7	498.5	485.7	468.6	466.5
132.5°	435.5	440.8	419.5	408.8	397.1	414.1	421.6	428.0	419.5	401.3	397.1
135°	370.4	372.5	357.6	359.7	352.2	352.2	351.2	354.4	358.6	355.4	353.3
137.5°	318.1	323.4	318.1	324.5	318.1	312.7	304.2	307.4	317.0	324.5	323.4
140°	275.4	280.7	281.8	288.2	275.4	277.5	272.2	274.3	279.7	287.1	290.3
142.5°	244.4	248.7	239.1	233.8	229.5	242.3	251.9	253.0	246.6	238.0	241.2
145°	238.0	233.8	238.0	233.8	238.0	235.9	237.0	235.9	235.9	235.9	235.9
147.5°	241.2	245.5	245.5	245.5	239.1	240.2	241.2	242.3	242.3	246.6	245.5
150°	200.7	206.0	204.9	210.3	200.7	202.8	203.9	206.0	207.1	208.1	209.2
152.5°	169.7	170.8	174.0	176.1	175.1	174.0	172.9	172.9	175.1	177.2	178.3
155°	165.4	165.4	168.6	171.9	168.6	168.6	167.6	167.6	168.6	171.9	171.9
157.5°	159.0	160.1	160.1	162.2	160.1	161.2	160.1	160.1	161.2	162.2	163.3
160°	155.8	156.9	156.9	156.9	156.9	156.9	156.9	156.9	156.9	158.0	158.0
162.5°	155.8	155.8	155.8	154.8	154.8	155.8	155.8	155.8	155.8	154.8	155.8
165°	159.0	158.0	156.9	155.8	156.9	159.0	160.1	160.1	159.0	156.9	158.0
167.5°	165.4	165.4	164.4	163.3	164.4	165.4	166.5	166.5	165.4	164.4	164.4
170°	171.9	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8	170.8
172.5°	176.1	176.1	177.2	176.1	177.2	177.2	176.1	176.1	176.1	176.1	177.2
175°	182.5	182.5	182.5	182.5	183.6	183.6	183.6	183.6	183.6	183.6	183.6
177.5°	186.8	186.8	186.8	186.8	186.8	186.8	186.8	186.8	186.8	186.8	186.8
180°	187.9	187.9	187.9	187.9	187.9	187.9	187.9	187.9	187.9	187.9	187.9

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: SP1-2406-133-3

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

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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 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

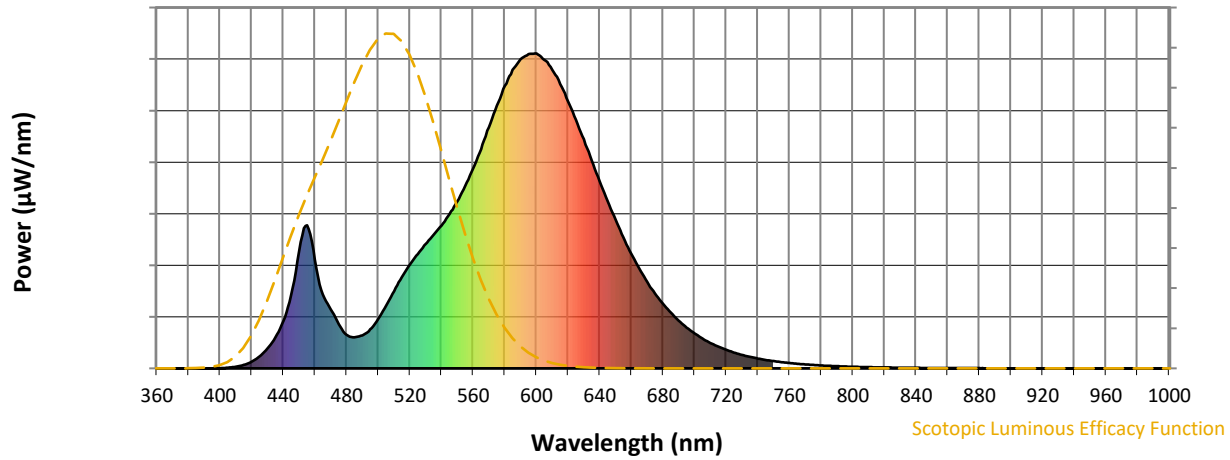


Photopic Lumens: NR

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	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



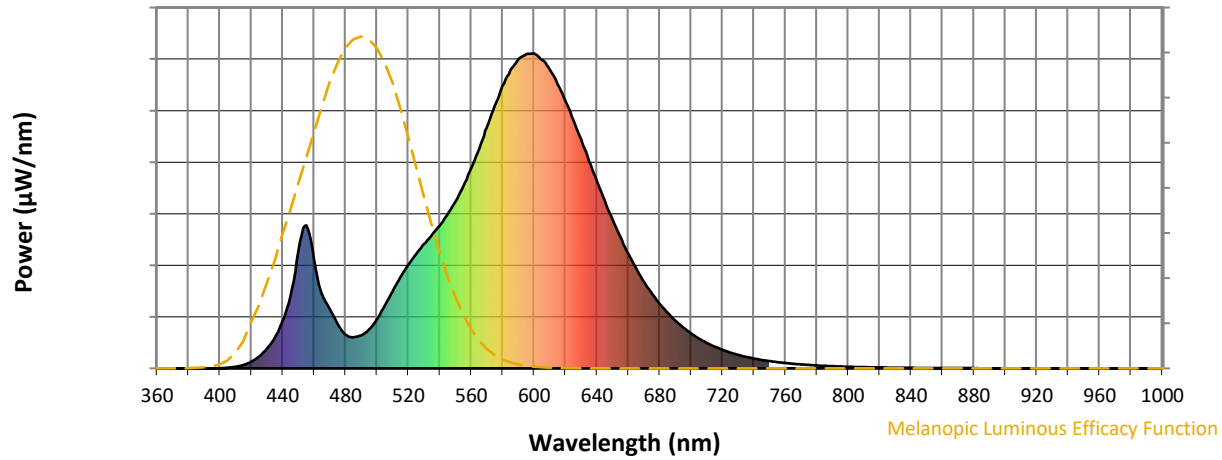
Scotopic Lumens: NR

S/P: 1.12

λ (nm)	Power W [^] /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	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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.03

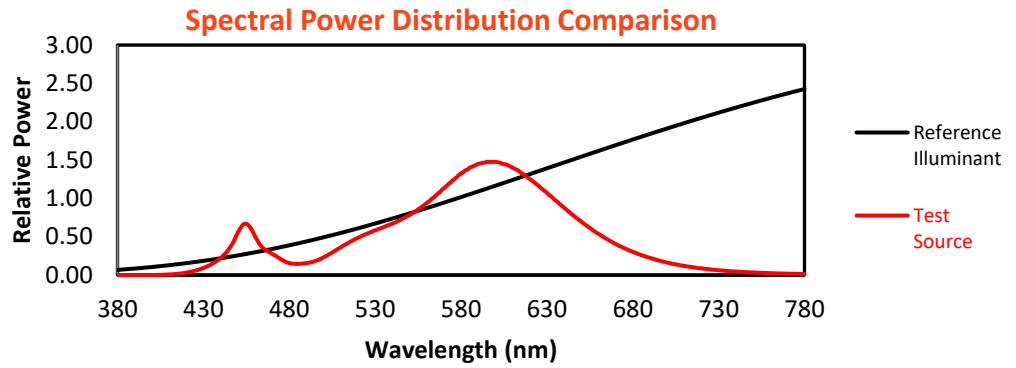
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	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			

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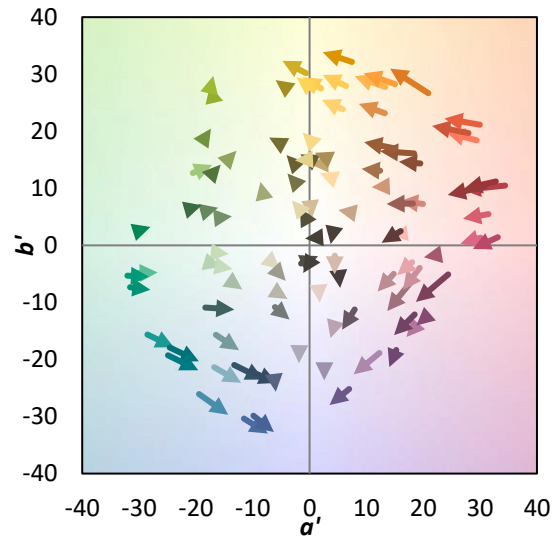
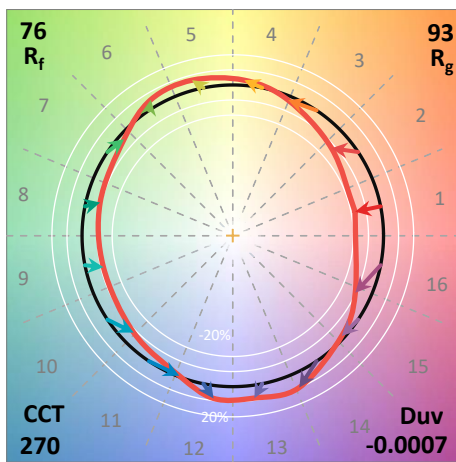
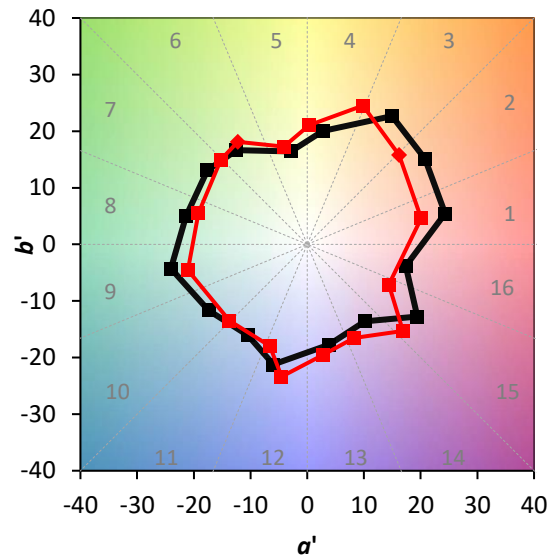
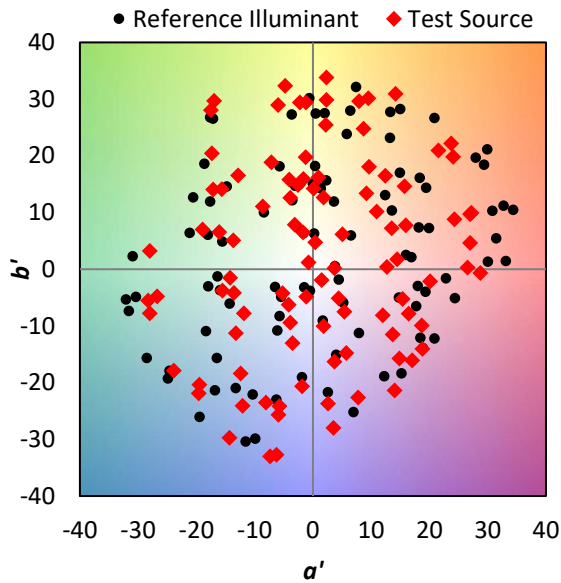
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Summary

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



Color Vector Graphics



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

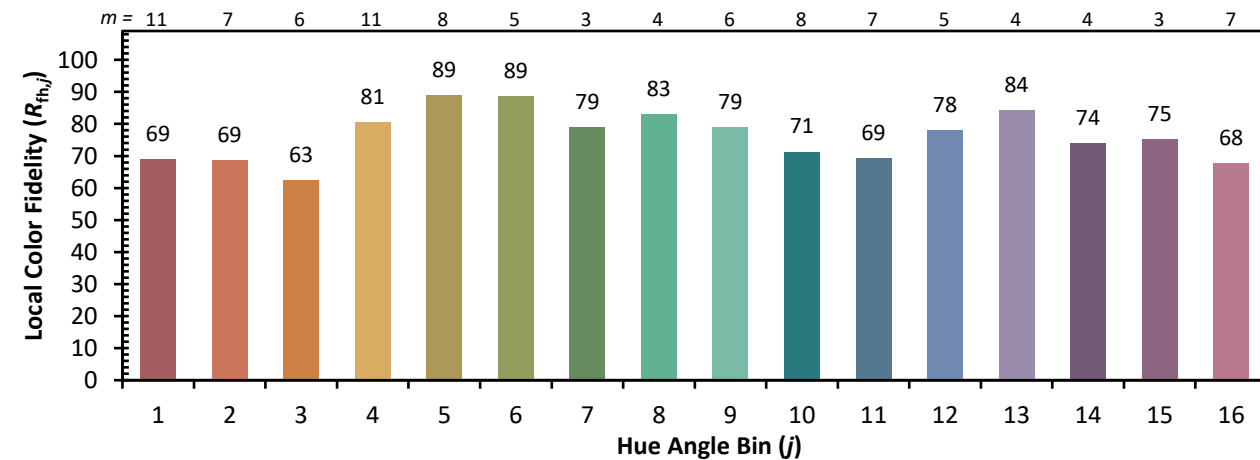
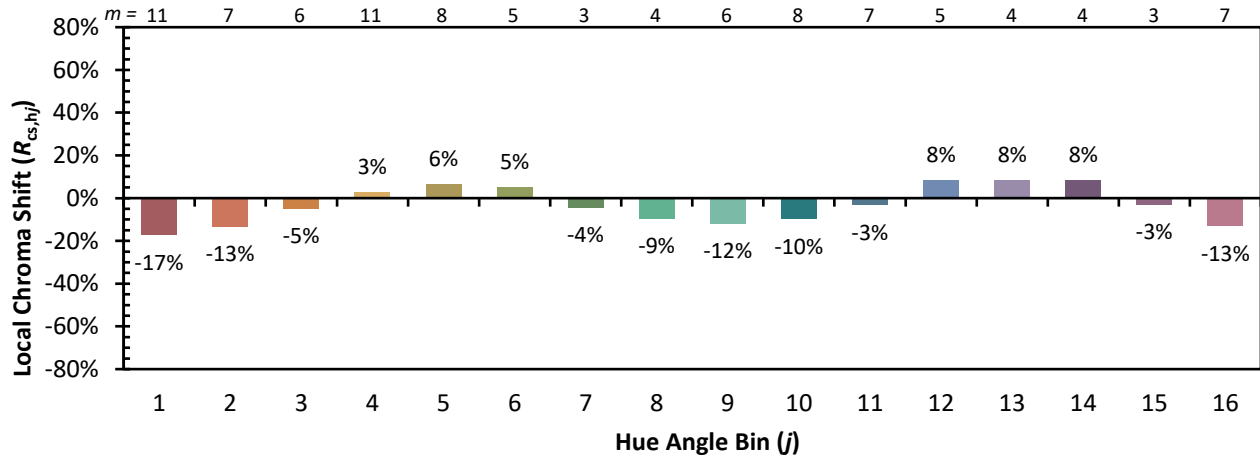
CES01 = 86	CES26 = 69	CES51 = 86	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 83	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 77	CES78 = 68
CES04 = 71	CES29 = 75	CES54 = 85	CES79 = 87
CES05 = 50	CES30 = 90	CES55 = 83	CES80 = 85
CES06 = 52	CES31 = 77	CES56 = 75	CES81 = 67
CES07 = 42	CES32 = 68	CES57 = 73	CES82 = 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	



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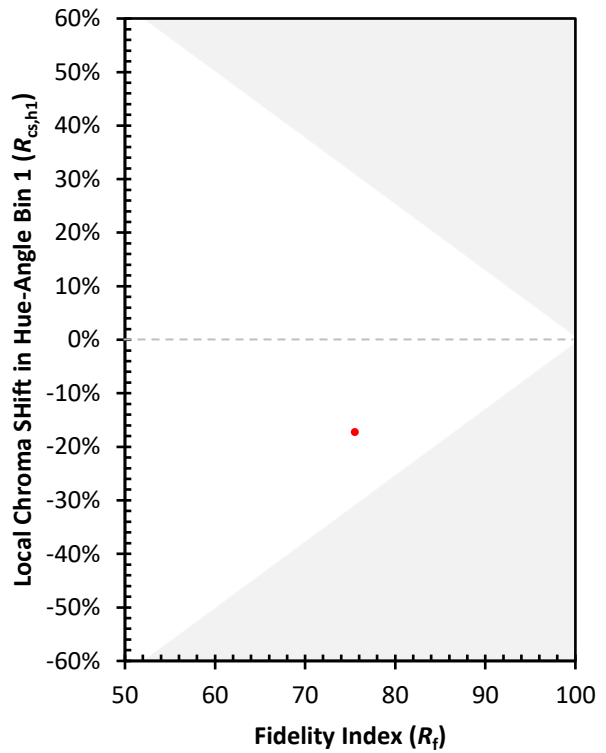
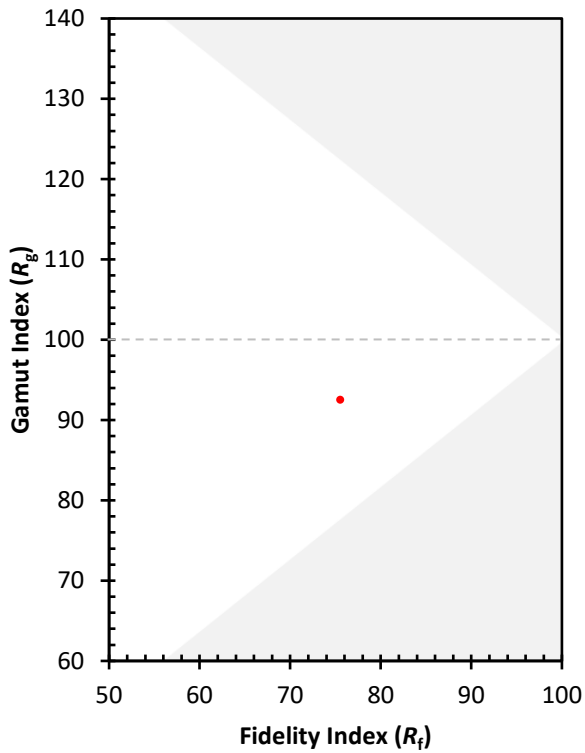
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)