

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: P856323

Luminaire Tested: **FFX-CLB-40-750-U-FG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856323
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-40-750-U-FG
Description: FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

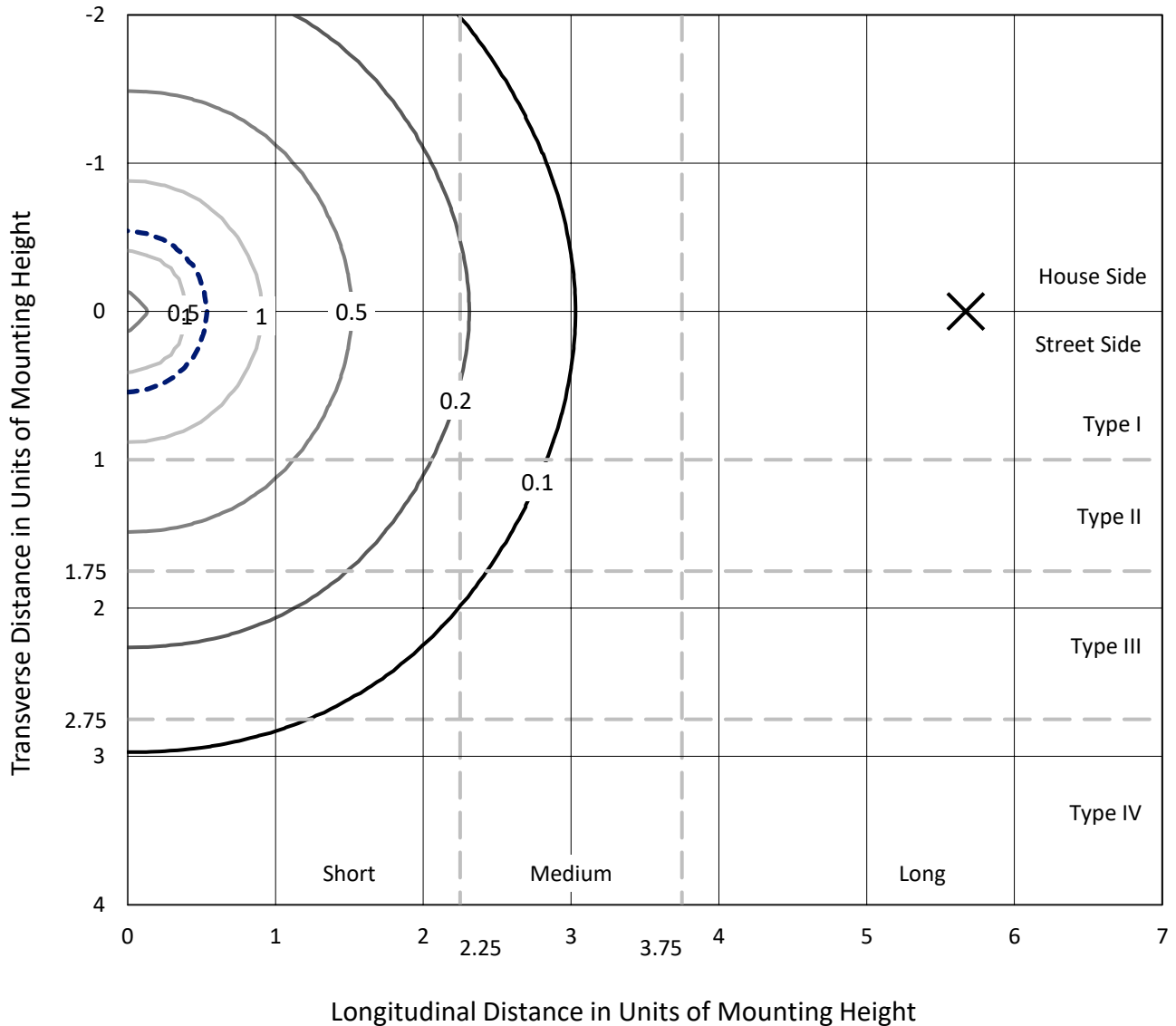
Lumens per Lamp: N/A
Luminaire Lumens: 6627 lumens
Efficiency: N/A
Efficacy: 168.6 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B2 - U5 - G3

Input Watts (W): 39.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 8.2%%
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

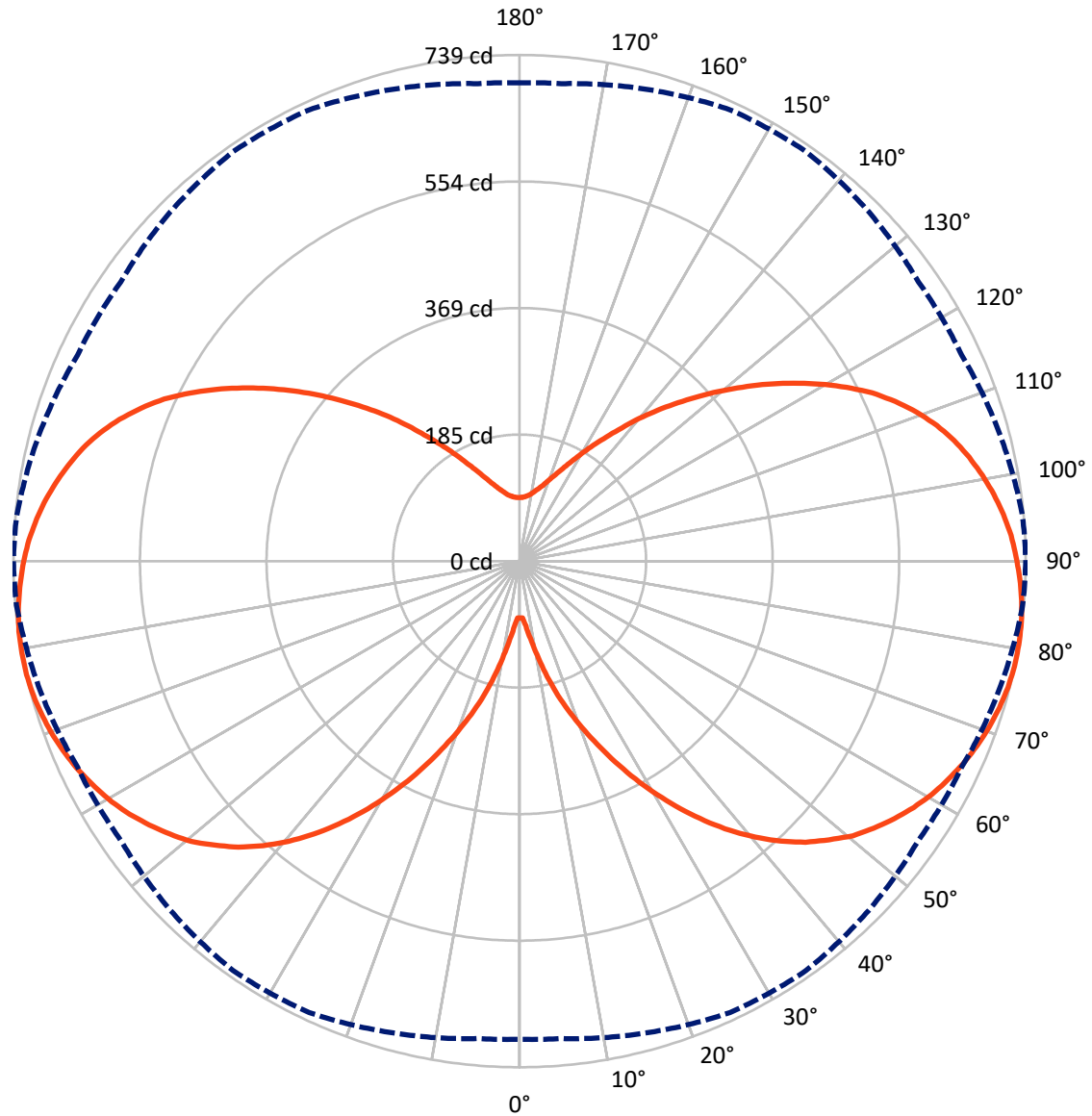
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 80-Deg Vertical

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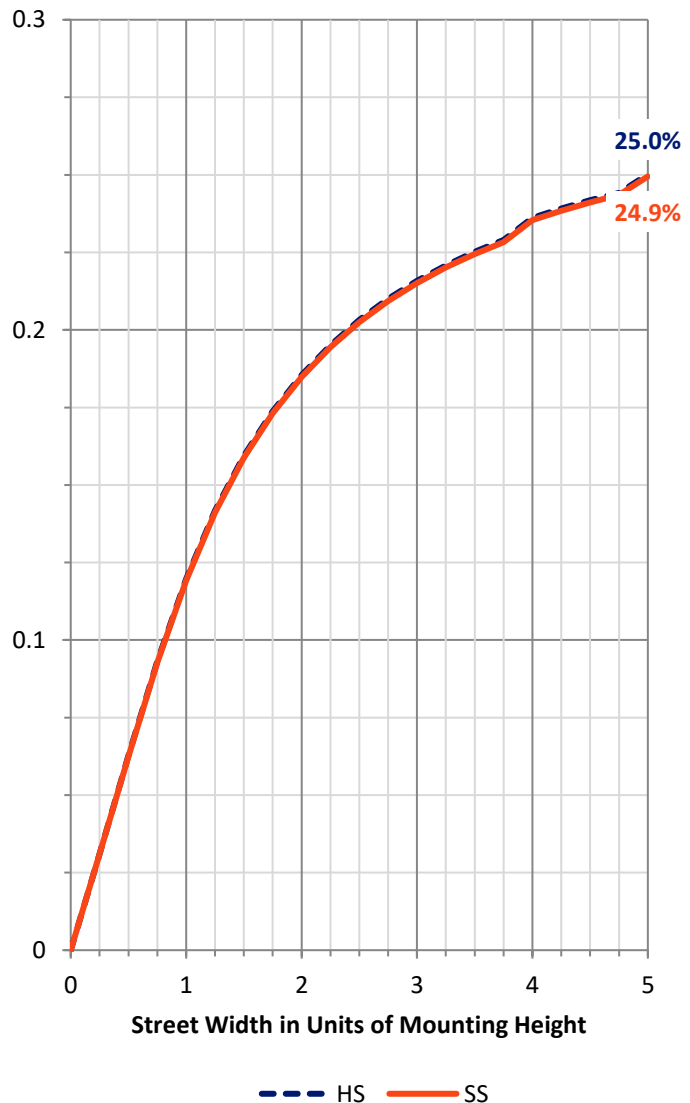
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1885.5	1428.1	3313.5
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	1885.5	1428.1	3313.5
	% Fixture	28.5	21.5	50.0
Total	Lumens	3770.9	2856.1	6627.0
	% Fixture	56.9	43.1	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.5	0.2
10°-20°	57.8	0.9
20°-30°	152.0	2.3
30°-40°	290.7	4.4
40°-50°	446.8	6.7
50°-60°	585.4	8.8
60°-70°	690.9	10.4
70°-80°	758.0	11.4
80°-90°	778.7	11.8
90°-100°	750.3	11.3
100°-110°	672.7	10.2
110°-120°	546.6	8.2
120°-130°	390.6	5.9
130°-140°	247.0	3.7
140°-150°	138.4	2.1
150°-160°	69.6	1.1
160°-170°	31.6	0.5
170°-180°	9.2	0.1
0°-90°	3770.9	56.9
0°-180°	6627.0	100.0



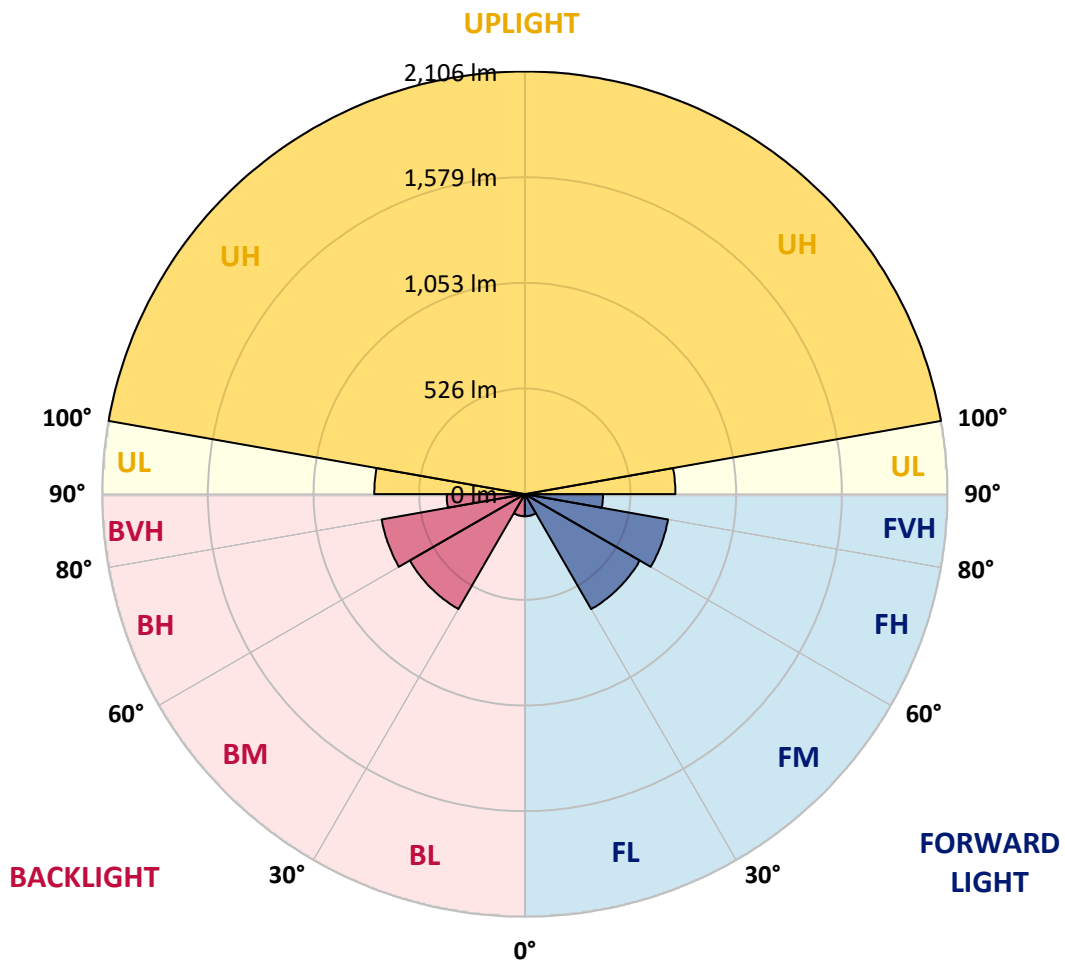
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	110.2	1.7			
FM (30°-60°)	661.5	10.0			
FH (60°-80°)	724.4	10.9			G1/1800
FVH (80°-90°)	389.4	5.9			G3/500
BL (0°-30°)	110.2	1.7	B1/500		
BM (30°-60°)	661.5	10.0	B1/1000		
BH (60°-80°)	724.4	10.9	B2/1000		G1/1800
BVH (80°-90°)	389.4	5.9			G3/500
UL (90°-100°)	750.3	11.3		U4/1000	
UH (100°-180°)	2105.8	31.8		U5	

BUG Rating: B2-U5-G3

Type V Short





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CATALOG NUMBER: FFX-CLB-40-750-U-FG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2.5°	87.3	87.3	86.9	86.1	85.6	85.2	84.4	83.2	82.8	82.8	82.8
5°	95.0	95.4	95.4	95.0	95.4	94.6	94.6	93.8	94.2	94.2	94.6
7.5°	114.2	114.2	114.6	114.6	115.0	114.2	114.6	114.2	114.6	114.6	114.2
10°	139.1	139.1	139.9	139.1	139.5	138.7	138.3	138.3	139.5	139.1	138.7
12.5°	167.2	168.0	167.6	167.2	168.0	167.2	166.4	166.8	168.4	167.6	167.2
15°	197.0	197.8	198.6	197.4	197.8	197.4	197.0	197.4	199.0	198.2	197.8
17.5°	227.2	227.6	228.4	226.7	227.2	227.6	227.2	227.6	228.8	228.4	228.0
20°	257.3	258.2	259.0	257.3	257.7	258.2	257.7	258.2	259.8	259.0	258.6
22.5°	289.1	289.6	291.2	289.1	290.0	290.4	289.6	290.4	292.0	291.2	290.8
25°	322.2	321.8	324.2	322.6	323.0	323.8	323.0	323.8	325.9	325.9	324.6
27.5°	356.0	356.0	358.1	356.8	357.7	357.3	358.1	358.9	360.9	361.3	360.1
30°	389.9	389.9	393.1	391.1	392.3	392.7	392.7	393.5	396.0	396.8	395.2
32.5°	423.7	423.7	425.4	425.8	426.6	427.0	427.8	427.8	431.1	431.5	430.7
35°	456.8	456.8	458.4	459.2	461.2	460.4	461.7	461.7	465.3	465.7	465.3
37.5°	488.2	488.6	490.6	491.4	493.1	493.1	493.9	494.7	498.0	499.2	498.8
40°	517.9	518.8	520.4	522.0	523.6	523.6	524.1	525.3	528.9	530.2	529.8
42.5°	544.9	545.3	547.7	550.2	551.8	551.8	552.2	553.0	557.1	558.7	558.7
45°	568.5	569.7	573.0	576.3	577.9	577.5	577.5	578.7	583.2	585.2	585.2
47.5°	590.5	592.2	595.8	599.1	600.7	600.7	600.3	601.5	606.4	608.9	607.7
50°	610.1	611.3	615.4	620.3	621.5	621.5	620.3	621.5	626.8	630.1	630.1
52.5°	626.4	627.6	632.5	637.8	639.5	639.1	637.4	638.7	644.0	647.6	647.2
55°	640.3	641.9	647.2	653.7	655.4	654.1	652.1	653.3	659.0	663.9	663.5
57.5°	652.9	654.1	660.3	667.2	669.6	667.6	664.8	666.0	672.5	677.8	678.2
60°	663.5	664.8	671.7	679.8	681.9	679.4	675.8	677.0	684.3	690.4	691.3
62.5°	672.5	673.7	681.5	690.4	693.3	689.6	685.1	686.4	694.5	701.5	701.9
65°	679.8	681.1	690.0	699.4	702.3	698.2	692.9	694.1	703.1	710.8	711.7
67.5°	685.6	687.2	697.4	707.6	710.0	705.1	699.0	700.2	710.0	719.0	719.8
70°	690.4	692.5	703.1	714.1	717.0	711.2	703.9	705.5	716.5	725.5	726.7
72.5°	694.1	696.2	707.6	719.4	722.7	715.7	707.6	709.2	721.0	730.8	732.0
75°	696.6	698.6	710.8	723.5	726.3	719.0	710.0	711.7	723.9	734.5	736.1
77.5°	697.8	699.8	712.9	725.9	728.8	720.2	710.8	712.5	725.1	736.5	738.2
80°	697.8	699.4	712.9	726.7	729.2	720.6	710.4	711.7	724.7	736.9	738.6
82.5°	696.6	698.2	712.1	725.9	728.4	719.0	708.4	710.0	723.5	735.7	737.8
85°	693.7	695.3	709.2	723.5	725.9	715.7	704.7	706.3	719.8	732.9	734.9
87.5°	689.6	691.7	705.1	719.4	721.4	710.8	700.2	701.0	715.3	728.8	730.4
90°	684.7	686.8	699.4	713.7	715.7	705.1	694.1	695.3	709.2	723.1	724.7
92.5°	679.0	680.7	692.9	705.9	708.4	697.4	686.8	688.4	702.3	716.1	718.2
95°	671.7	672.9	684.3	696.6	698.6	688.8	678.2	679.8	693.7	707.2	709.2
97.5°	662.7	663.5	673.7	684.7	687.2	677.8	668.0	669.6	683.1	696.6	699.0
100°	652.5	652.9	661.9	671.3	673.3	665.6	656.6	658.6	671.3	685.1	686.8
102.5°	640.7	640.7	648.0	655.8	658.2	651.7	644.0	646.0	658.2	671.3	673.3
105°	627.6	626.4	631.7	637.8	640.7	635.8	630.1	631.7	643.1	655.8	658.2
107.5°	611.3	610.1	613.8	619.1	621.9	618.3	613.8	616.2	626.0	637.8	640.3
110°	593.0	591.3	593.0	597.1	600.3	597.9	595.4	597.5	606.8	617.9	619.5



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 CATALOG NUMBER: FFX-CLB-40-750-U-FG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	571.8	569.7	570.1	573.0	575.8	575.4	573.8	577.1	584.8	593.8	595.8
115°	547.3	545.3	544.0	545.7	548.1	549.7	551.4	553.4	559.5	566.9	570.1
117.5°	521.6	518.3	516.3	516.3	519.2	522.0	524.9	527.7	531.8	538.7	540.0
120°	491.8	489.8	486.9	486.9	489.4	492.2	496.7	500.0	502.4	507.3	509.0
122.5°	462.5	459.6	456.8	456.8	458.4	462.5	468.6	471.4	472.7	475.5	476.7
125°	432.7	429.4	426.2	426.2	427.8	431.9	438.8	441.3	442.1	443.3	444.5
127.5°	402.5	399.3	396.4	395.2	397.6	400.9	407.8	411.1	411.5	411.5	412.3
130°	372.3	369.9	367.0	365.8	368.3	371.1	378.9	382.1	380.5	380.5	380.9
132.5°	343.8	341.3	338.5	337.7	339.3	343.0	349.9	352.8	351.5	349.9	350.3
135°	316.1	314.0	310.4	309.9	312.4	314.0	320.5	323.4	322.2	320.5	321.0
137.5°	289.6	287.5	284.3	283.8	286.3	288.3	293.2	296.1	294.4	292.8	293.2
140°	264.3	261.8	259.4	259.0	260.6	262.6	267.1	268.8	267.1	265.9	266.3
142.5°	240.6	239.0	236.1	236.1	236.9	238.6	242.2	243.9	242.2	240.6	239.8
145°	218.2	216.1	214.5	214.1	214.9	216.6	219.0	220.6	219.0	217.8	217.0
147.5°	198.2	196.6	194.9	194.9	195.3	196.6	198.6	199.0	197.8	197.0	196.2
150°	179.8	178.2	177.4	177.0	177.4	177.8	179.4	180.3	179.0	178.2	177.4
152.5°	163.1	161.9	161.1	161.5	161.5	161.9	162.3	162.7	161.5	161.5	160.7
155°	148.4	147.6	146.8	147.2	147.2	147.2	147.6	147.6	146.8	146.8	146.4
157.5°	136.2	135.4	135.0	135.4	135.4	135.0	135.4	135.4	134.6	134.6	134.2
160°	125.6	124.8	124.8	124.8	124.8	124.4	125.2	124.8	124.4	124.0	124.0
162.5°	117.0	116.2	116.2	116.6	116.2	116.2	116.2	116.2	115.8	115.8	115.4
165°	110.1	109.3	109.3	109.7	109.3	109.3	109.3	109.3	108.9	108.9	108.9
167.5°	104.4	104.0	104.0	104.0	104.0	103.6	104.0	104.0	103.6	103.6	103.6
170°	99.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.1	99.1
172.5°	97.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.2	96.2	96.2
175°	95.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.2	94.2
177.5°	93.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.0	93.0
180°	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0

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

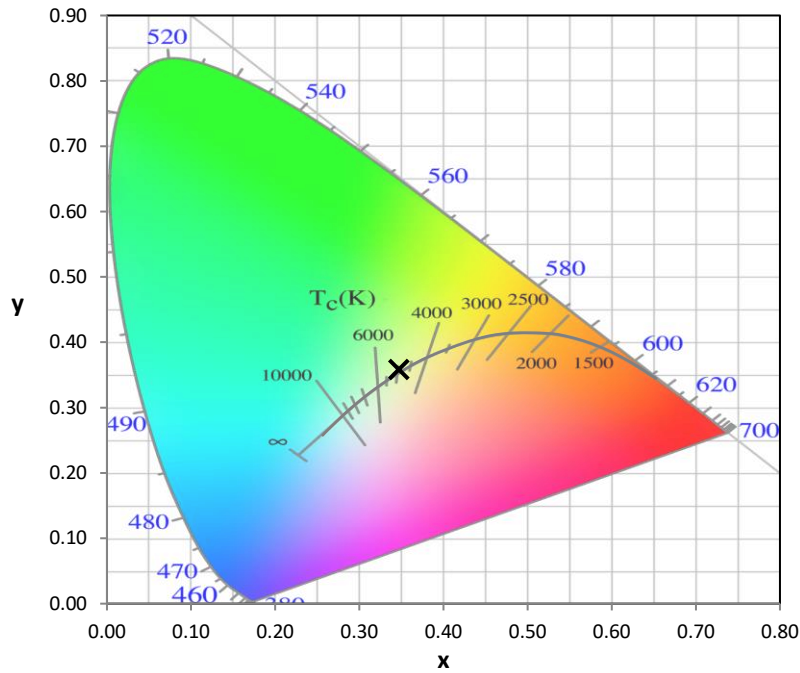
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

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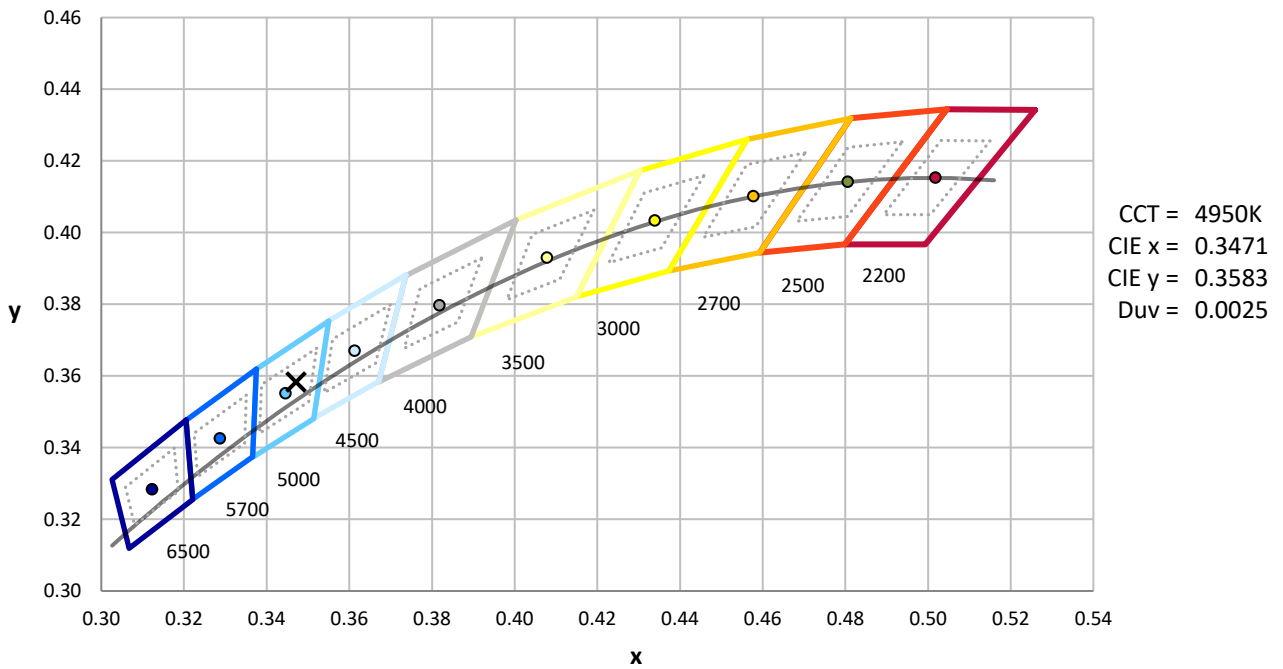
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



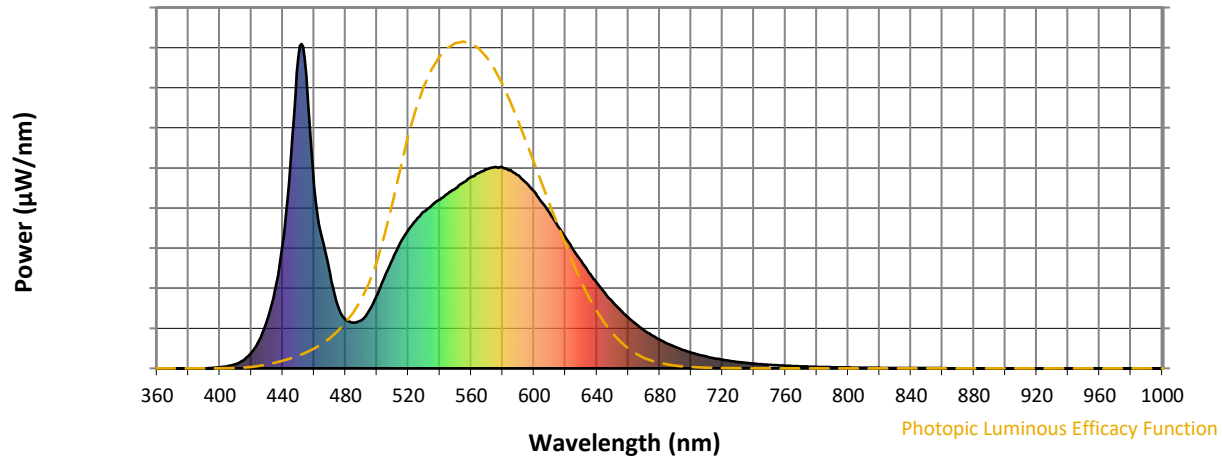
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 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	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			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.8

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	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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

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	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			

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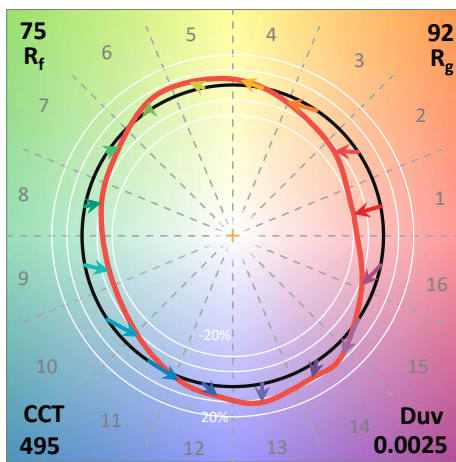
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Summary

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



Color Vector Graphics

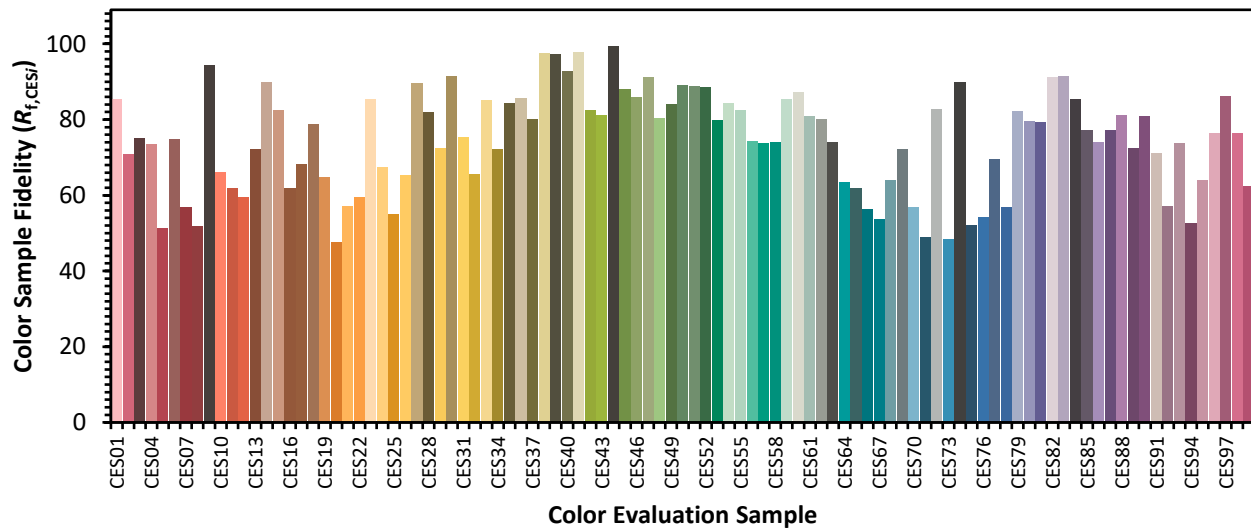


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Individual Sample Fidelity Index ($R_{f,i}$)

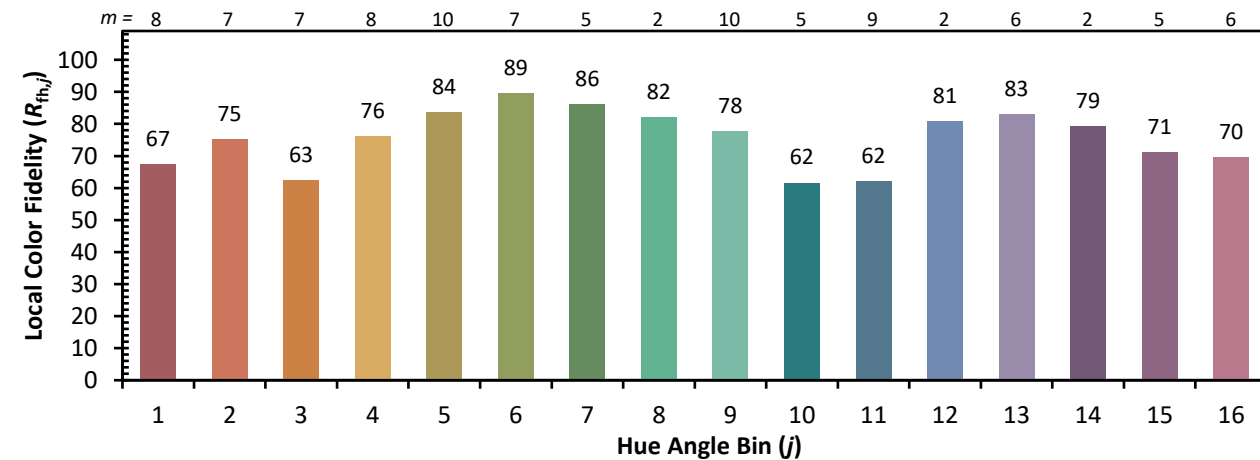
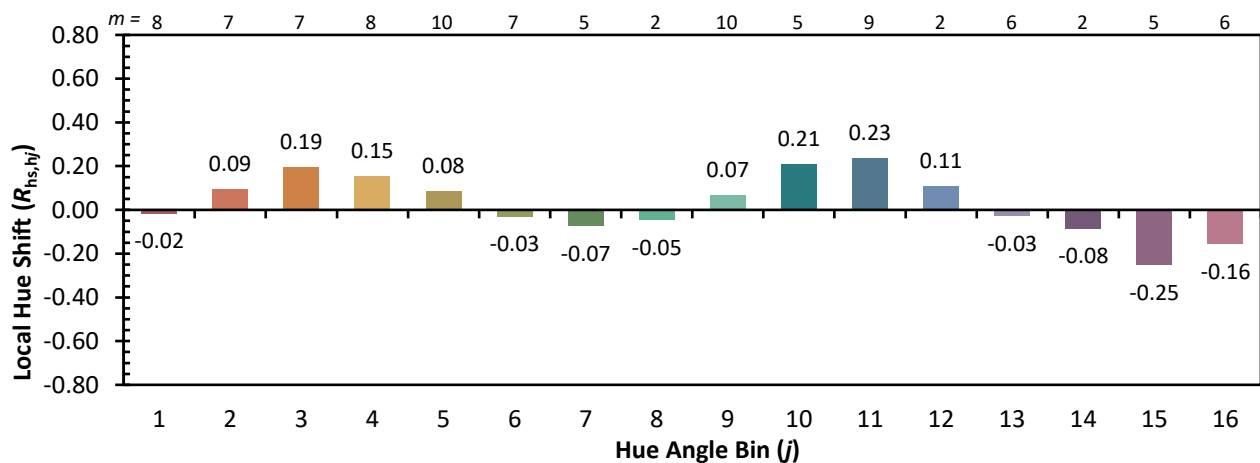
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 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	



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Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)