

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: P856280

Luminaire Tested: **FFX-CLB-20-750-U-PG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856280
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-20-750-U-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

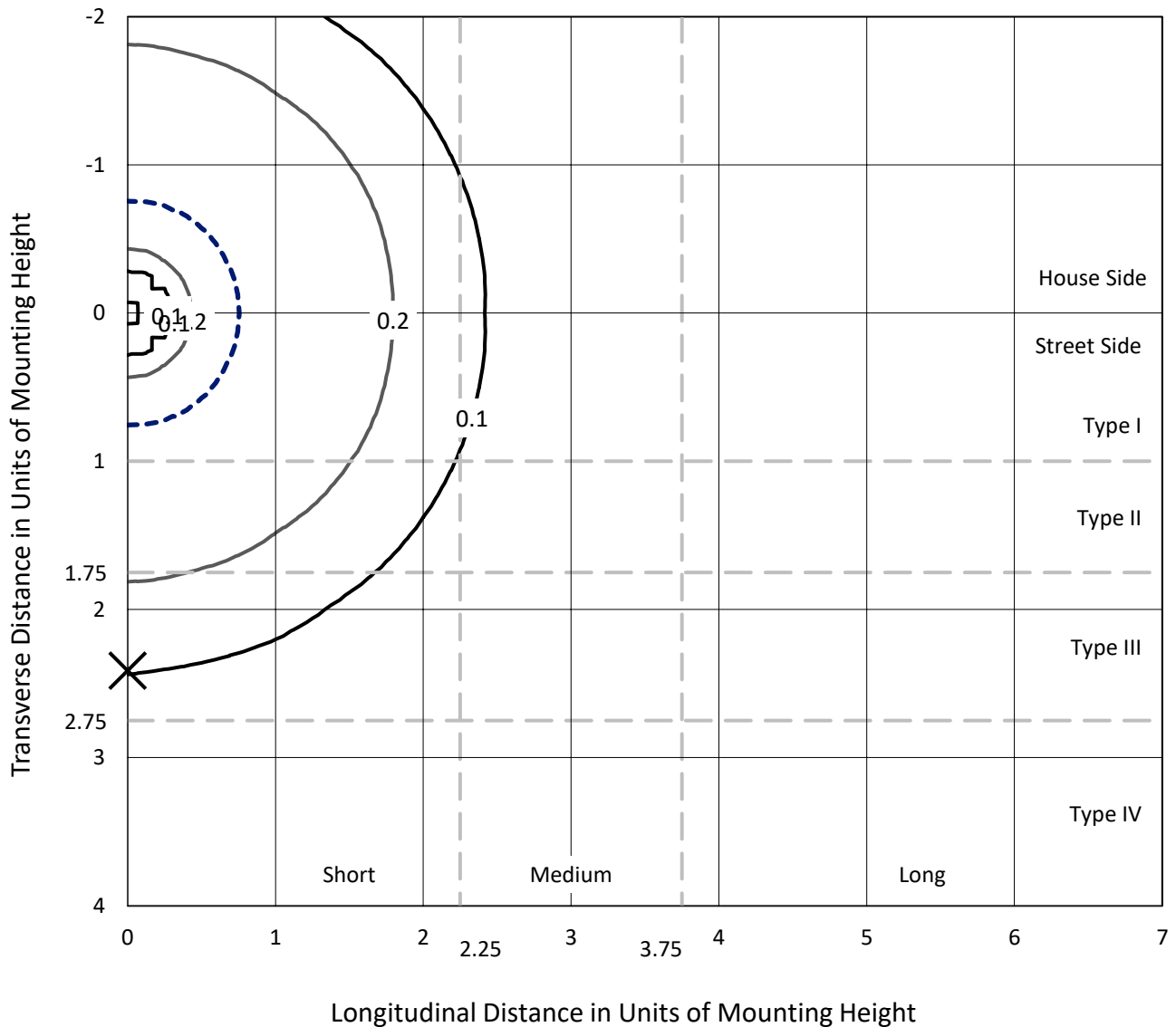
Lumens per Lamp: N/A
Luminaire Lumens: 3255 lumens
Efficiency: N/A
Efficacy: 166.9 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B1 - U4 - G2

Input Watts (W): 19.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 9.8%%
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

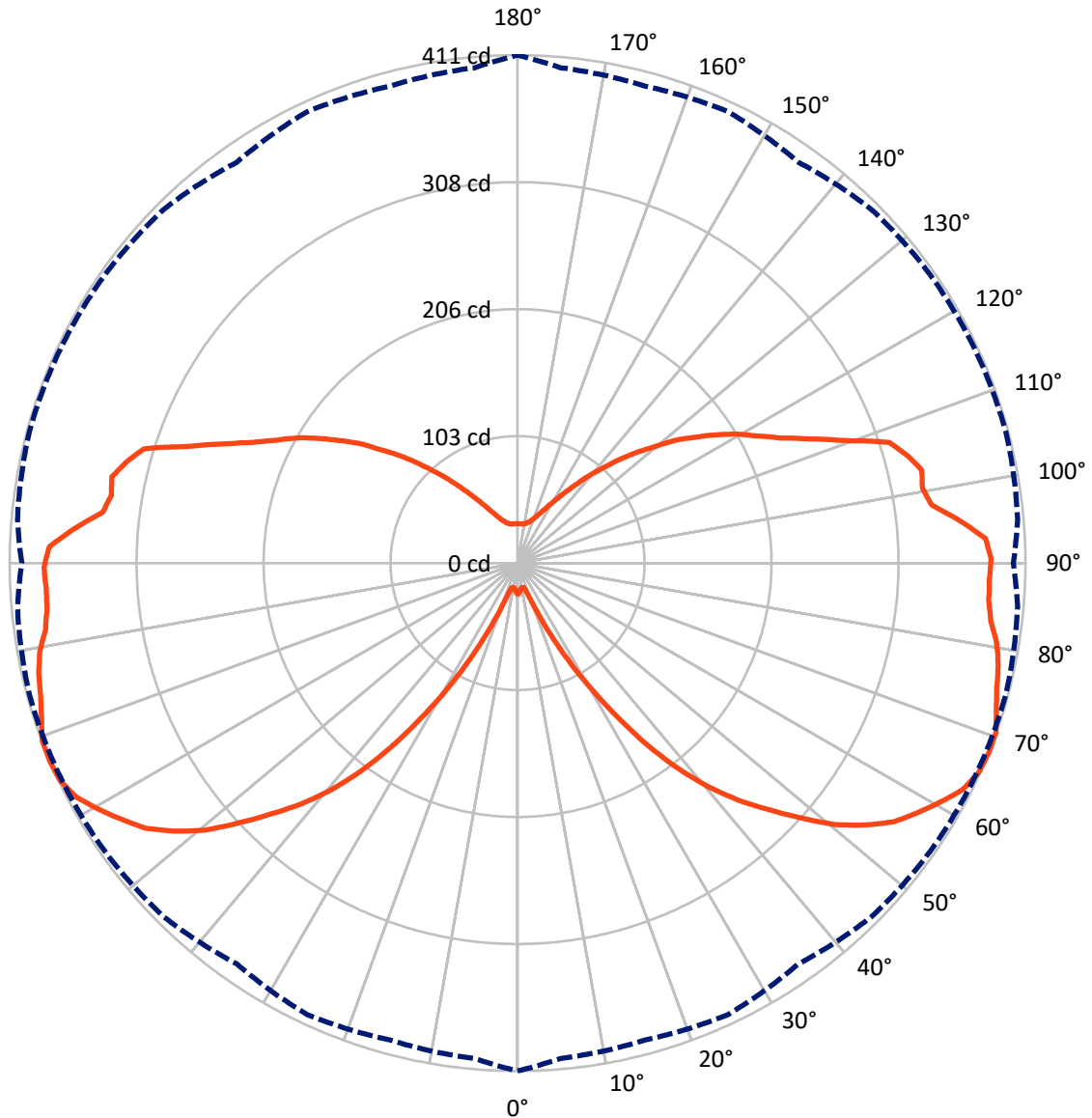
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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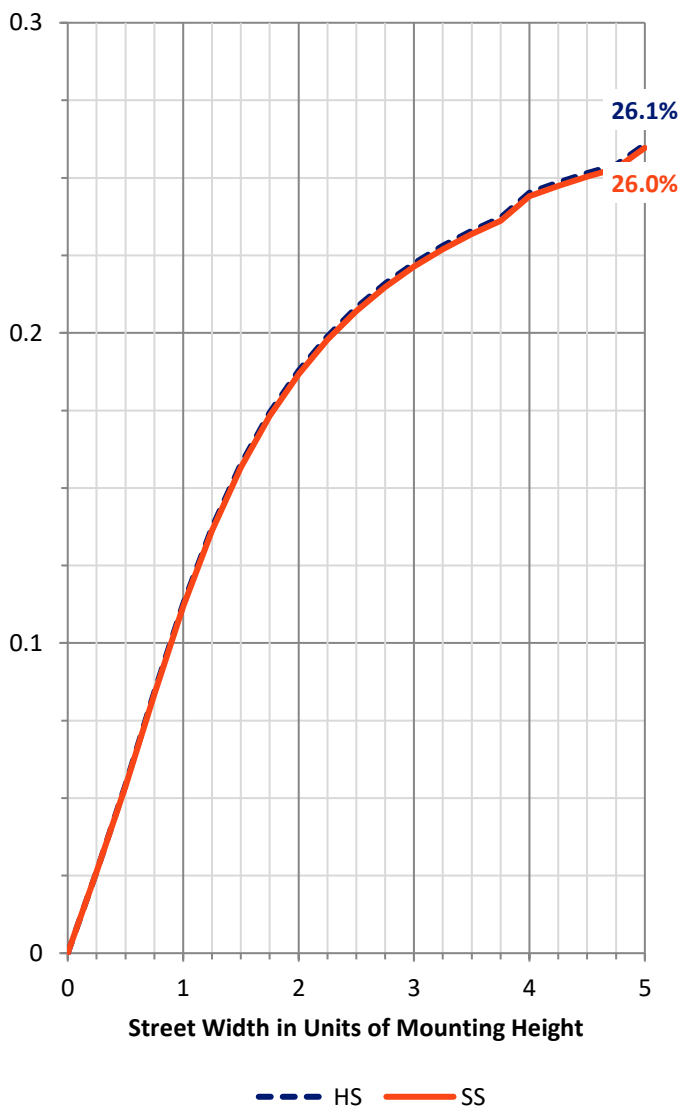
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	971.1	656.5	1627.5
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	971.1	656.5	1627.5
	% Fixture	29.8	20.2	50.0
Total	Lumens	1942.1	1312.9	3255.0
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.1
10°-20°	7.0	0.2
20°-30°	34.8	1.1
30°-40°	114.2	3.5
40°-50°	220.9	6.8
50°-60°	326.9	10.0
60°-70°	397.4	12.2
70°-80°	419.6	12.9
80°-90°	419.2	12.9
90°-100°	392.2	12.0
100°-110°	348.9	10.7
110°-120°	238.7	7.3
120°-130°	160.3	4.9
130°-140°	93.1	2.9
140°-150°	45.8	1.4
150°-160°	21.2	0.7
160°-170°	9.8	0.3
170°-180°	3.1	0.1
0°-90°	1942.1	59.7
0°-180°	3255.0	100.0



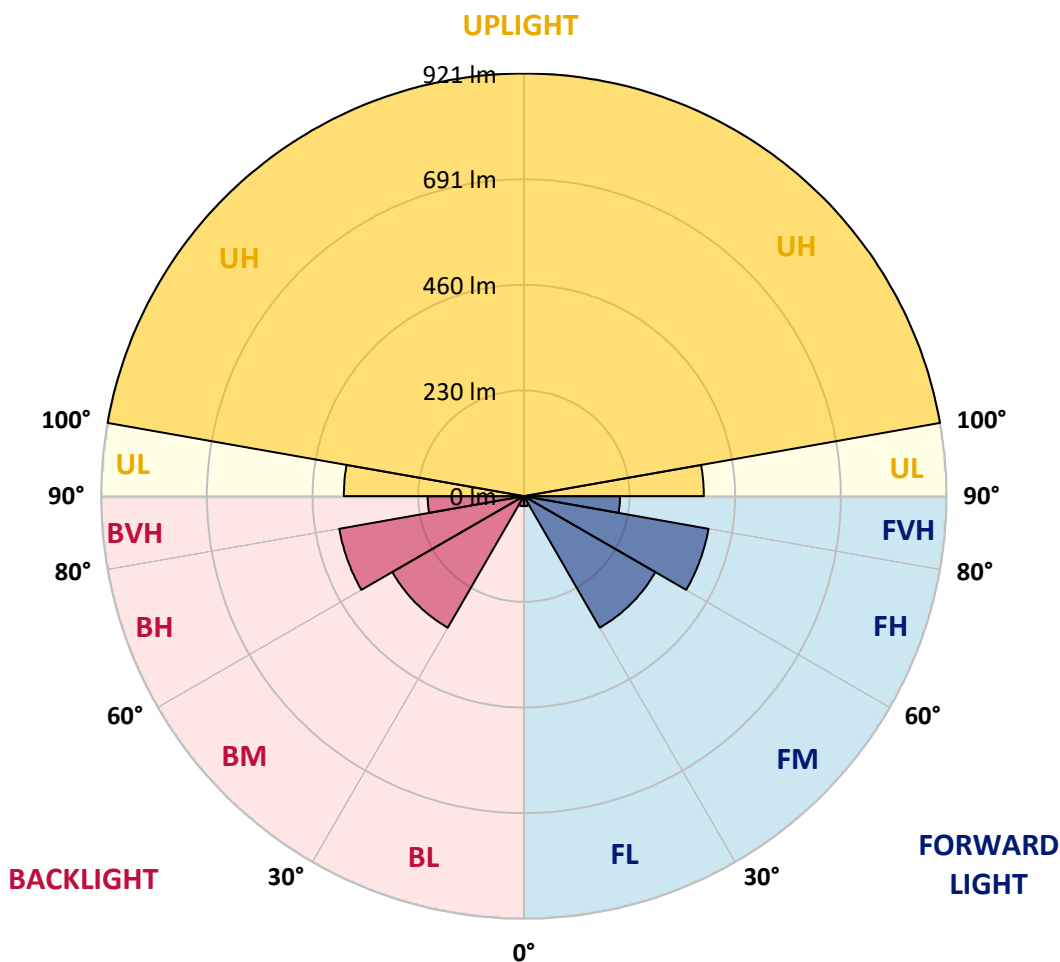
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	21.9	0.7			
FM (30°-60°)	331.0	10.2			
FH (60°-80°)	408.5	12.5			G0/660
FVH (80°-90°)	209.6	6.4			G2/225
BL (0°-30°)	21.9	0.7	B0/110		
BM (30°-60°)	331.0	10.2	B1/1000		
BH (60°-80°)	408.5	12.5	B1/500		G0/660
BVH (80°-90°)	209.6	6.4			G2/225
UL (90°-100°)	392.2	12.0		U3/500	
UH (100°-180°)	920.7	28.3		U4/1000	

BUG Rating: B1-U4-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
2.5°	24.2	24.0	23.8	23.6	23.8	24.0	24.4	24.6	24.6	24.6	24.6
5°	22.0	22.2	22.4	22.6	22.6	22.6	22.6	22.8	23.0	23.0	23.0
7.5°	20.7	20.7	20.9	21.6	21.8	21.6	21.6	21.8	21.1	20.5	20.3
10°	20.1	20.1	20.3	20.5	20.7	21.1	21.4	21.4	21.4	21.4	21.1
12.5°	20.3	20.1	20.3	20.5	20.9	21.1	20.7	20.7	21.1	21.6	21.8
15°	21.4	21.1	21.1	21.6	21.8	21.8	21.4	21.4	21.6	22.0	22.0
17.5°	25.9	25.5	25.3	25.5	25.3	25.5	25.3	25.7	25.7	25.5	25.3
20°	35.3	34.9	34.3	34.1	34.3	34.9	35.1	35.7	35.1	34.9	34.1
22.5°	50.1	49.5	49.1	49.1	49.7	50.1	49.9	50.7	50.3	50.1	49.3
25°	69.0	68.6	68.8	69.8	70.8	70.2	68.6	69.8	69.8	69.6	69.4
27.5°	92.6	91.2	91.8	94.4	95.3	93.6	91.8	93.2	93.8	94.0	94.0
30°	119.5	118.5	118.3	121.1	122.2	120.7	119.5	121.1	121.1	121.8	121.8
32.5°	148.7	148.0	147.0	148.7	150.3	149.9	149.9	151.1	150.7	151.3	151.5
35°	180.7	179.5	177.4	177.6	179.5	179.7	181.1	181.9	181.5	181.3	181.3
37.5°	210.9	209.2	207.4	206.4	208.6	208.4	211.7	211.7	210.9	211.1	211.1
40°	238.2	237.2	235.7	232.8	237.2	236.3	240.2	240.2	238.0	238.6	238.2
42.5°	262.6	262.6	261.0	256.7	261.2	260.4	265.5	265.5	262.4	262.2	261.6
45°	284.6	285.6	284.8	280.9	282.5	283.1	288.1	287.0	284.6	284.6	283.6
47.5°	308.2	309.2	306.3	302.2	304.1	305.1	309.6	309.2	307.8	305.9	305.9
50°	332.8	333.0	327.3	322.4	324.0	329.3	332.6	333.4	330.4	326.1	325.9
52.5°	352.3	353.6	348.0	342.7	343.9	350.1	353.8	354.0	350.1	343.9	345.8
55°	369.6	370.8	365.3	360.6	363.0	366.3	370.6	368.1	368.4	361.8	364.9
57.5°	381.3	385.4	376.2	375.1	377.4	381.3	383.1	382.5	383.8	377.6	378.6
60°	393.0	394.8	387.0	388.5	385.8	392.8	394.2	395.7	392.4	388.1	388.1
62.5°	404.1	399.6	394.0	397.5	390.3	399.2	400.8	402.4	398.9	394.8	395.7
65°	409.8	401.6	396.9	401.2	394.2	402.2	404.9	405.5	404.9	401.0	399.2
67.5°	411.1	402.4	399.6	403.1	396.1	404.9	407.4	408.6	409.2	406.3	401.2
70°	410.7	401.4	398.9	402.2	397.7	405.9	406.1	408.0	408.8	410.0	404.3
72.5°	405.1	397.1	396.5	399.4	395.3	400.6	400.8	403.1	401.8	405.7	402.8
75°	400.6	395.3	396.3	395.7	391.6	394.6	395.5	398.1	393.6	397.3	399.8
77.5°	397.7	394.8	397.3	394.0	389.7	391.8	393.0	396.1	389.3	392.4	399.6
80°	393.2	392.4	395.5	390.5	386.8	388.7	390.7	393.4	386.0	388.1	398.3
82.5°	385.8	386.4	389.3	383.5	381.1	383.1	385.6	389.7	382.1	383.3	394.2
85°	382.5	385.2	386.6	380.9	378.0	379.2	381.9	386.2	378.2	380.1	391.1
87.5°	382.1	385.4	386.4	381.5	379.0	380.9	382.1	388.3	379.6	381.9	393.2
90°	383.3	384.6	385.2	380.9	378.8	381.7	381.9	389.5	380.9	381.5	391.6
92.5°	379.2	379.4	380.7	376.8	376.6	378.6	378.2	384.6	375.1	373.7	382.3
95°	359.3	357.7	360.3	358.3	362.6	365.7	369.2	377.2	372.5	373.7	381.1
97.5°	338.2	338.6	339.4	336.1	335.5	336.7	338.2	342.3	340.8	342.1	349.1
100°	333.2	334.7	334.5	332.8	326.1	324.6	321.5	317.2	311.5	312.3	313.3
102.5°	335.7	339.6	340.2	342.5	342.5	341.5	343.7	341.9	342.9	348.8	345.6
105°	326.9	331.4	334.3	336.7	341.5	345.4	355.8	362.2	367.3	374.5	373.5
107.5°	316.2	318.5	320.5	320.5	319.3	318.7	324.4	325.4	324.0	325.9	326.1
110°	282.9	282.7	284.8	284.0	284.6	281.3	282.9	288.5	287.3	290.9	291.6



REPORT NUMBER: P856280
 CATALOG NUMBER: FFX-CLB-20-750-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	257.1	257.1	258.5	256.5	256.7	254.0	255.0	258.7	258.9	262.0	263.6
115°	235.3	234.9	236.9	235.3	233.5	232.8	233.9	236.1	236.7	238.8	242.1
117.5°	219.1	217.0	218.7	218.9	219.7	218.1	220.5	222.0	222.8	224.4	227.1
120°	205.7	203.7	204.3	206.4	208.8	205.3	208.0	209.2	209.8	210.5	211.7
122.5°	190.5	189.1	188.5	192.6	194.0	191.0	192.4	194.2	195.3	196.3	197.3
125°	175.1	173.9	173.3	177.0	178.4	176.0	178.0	180.7	180.3	182.5	180.5
127.5°	161.2	160.8	159.9	161.8	162.8	162.6	164.5	167.8	166.3	168.4	166.1
130°	144.5	146.2	145.0	147.2	147.4	149.1	149.7	152.8	151.3	151.7	150.3
132.5°	131.0	131.6	131.0	131.8	132.4	132.4	134.1	137.4	135.1	134.9	133.7
135°	117.2	117.4	116.6	117.9	118.3	117.2	118.9	121.3	120.1	119.5	119.5
137.5°	103.7	103.5	103.7	104.1	104.5	104.3	105.1	107.0	106.6	105.7	106.8
140°	92.2	91.6	91.8	92.0	91.8	91.8	92.6	94.2	94.2	93.2	94.2
142.5°	80.7	80.5	80.5	80.5	80.5	80.9	81.7	82.1	82.5	81.7	81.5
145°	71.0	70.8	70.6	70.6	70.6	70.8	71.7	71.5	72.3	71.5	70.8
147.5°	62.4	62.6	62.2	62.0	61.8	62.4	62.6	63.0	63.4	63.0	62.4
150°	55.4	55.2	55.2	54.8	54.8	55.4	55.2	55.6	56.1	55.8	55.6
152.5°	49.3	49.3	49.3	48.9	49.1	49.5	49.5	49.5	49.9	49.9	49.7
155°	44.4	44.4	44.4	44.1	44.1	44.6	44.6	44.6	44.8	44.8	44.8
157.5°	40.7	40.7	40.4	40.4	40.4	40.7	40.4	40.4	40.7	40.7	40.7
160°	37.8	37.8	37.6	37.6	37.4	37.6	37.4	37.4	37.6	37.6	37.6
162.5°	35.5	35.5	35.3	35.3	35.3	35.3	35.3	35.1	35.1	35.3	35.1
165°	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.7	33.7	33.7	33.7
167.5°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
170°	32.2	32.2	32.2	32.4	32.4	32.4	32.2	32.2	32.4	32.4	32.2
172.5°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
175°	32.0	32.0	32.0	32.0	32.0	32.0	31.8	32.0	32.0	32.0	32.0
177.5°	32.0	31.8	31.8	32.0	32.0	31.8	31.8	31.8	31.8	31.8	31.8
180°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0

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



Test Conditions

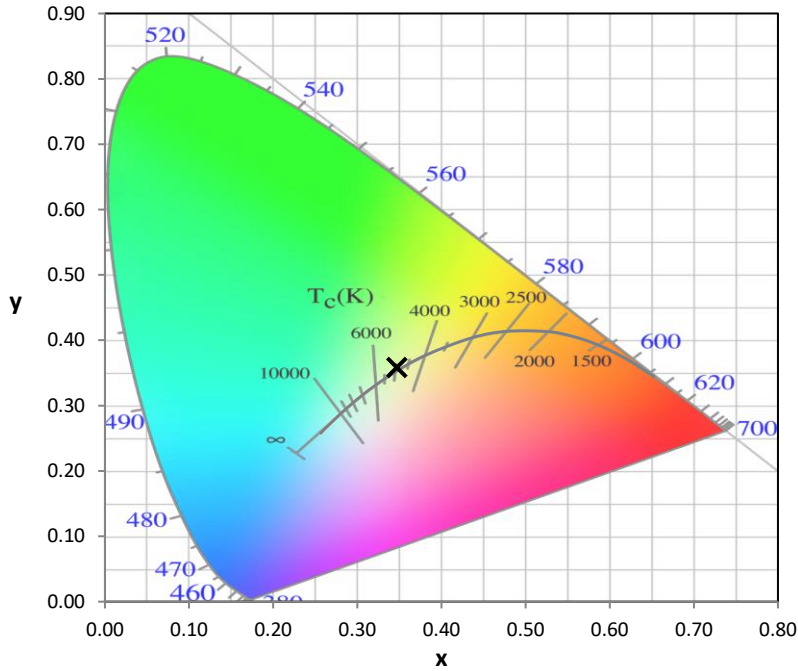
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-5

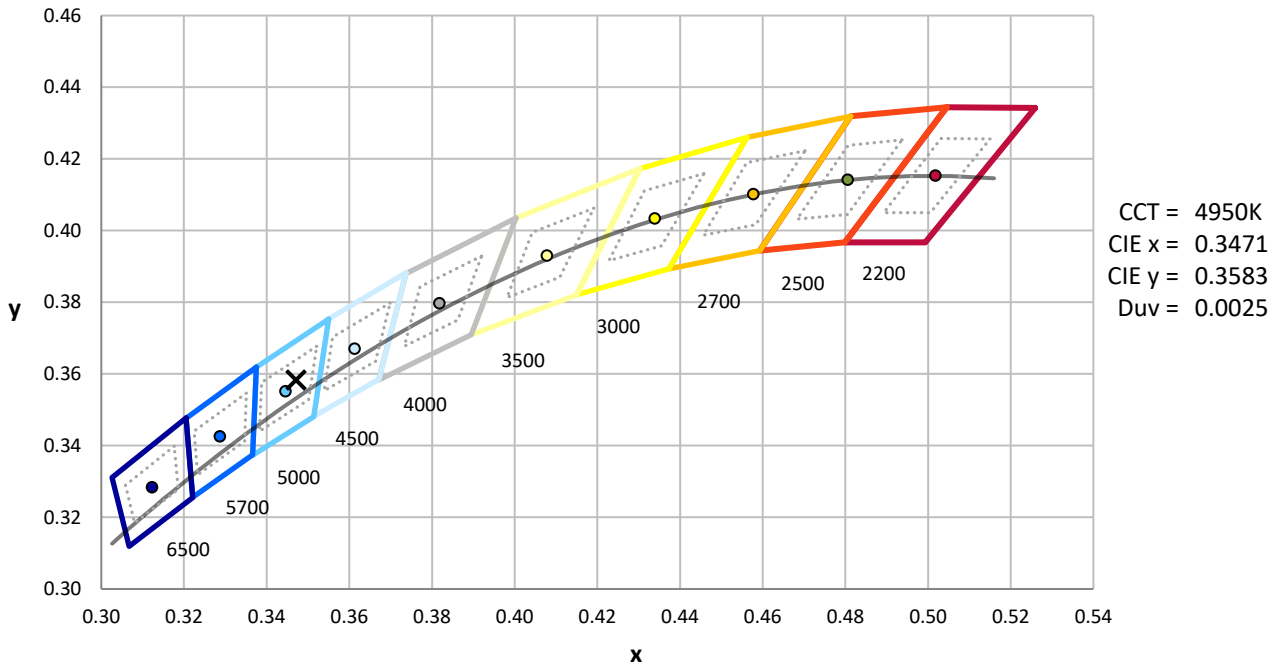
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



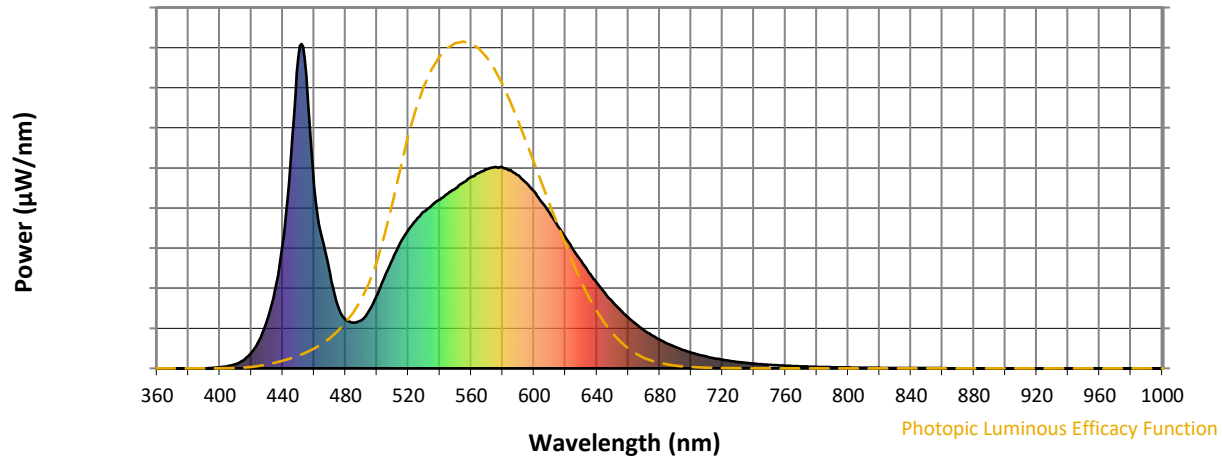
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

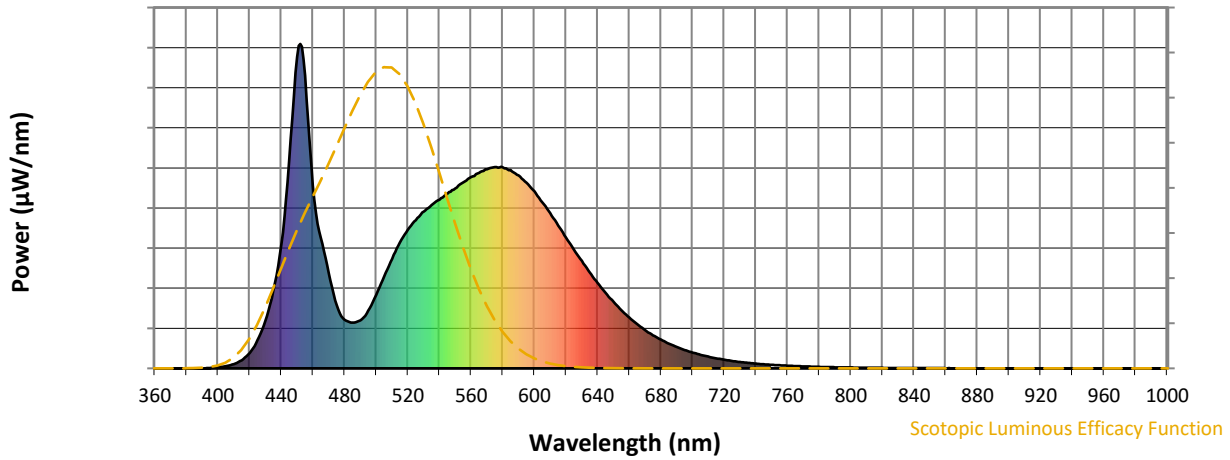


Photopic Lumens: NR

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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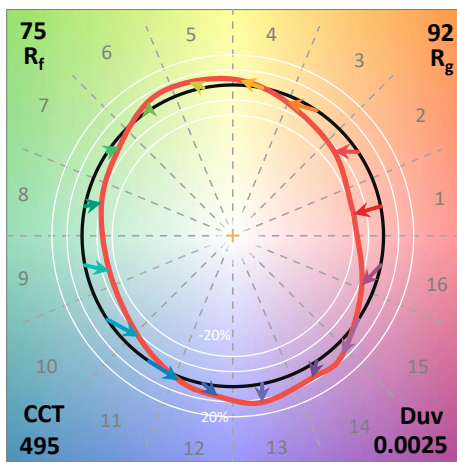
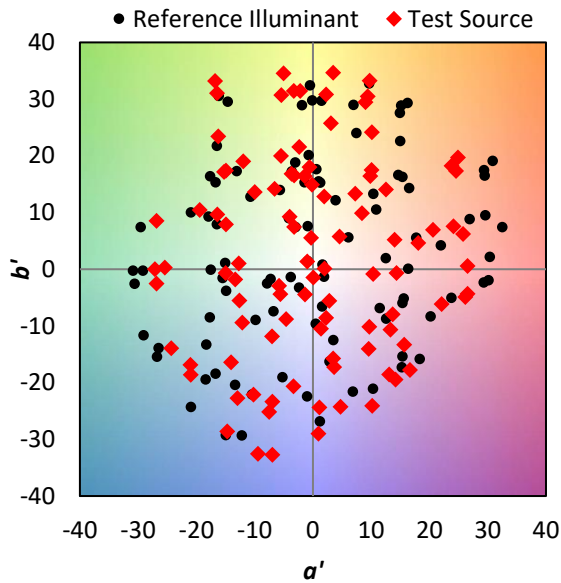
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Summary

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



Color Vector Graphics



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

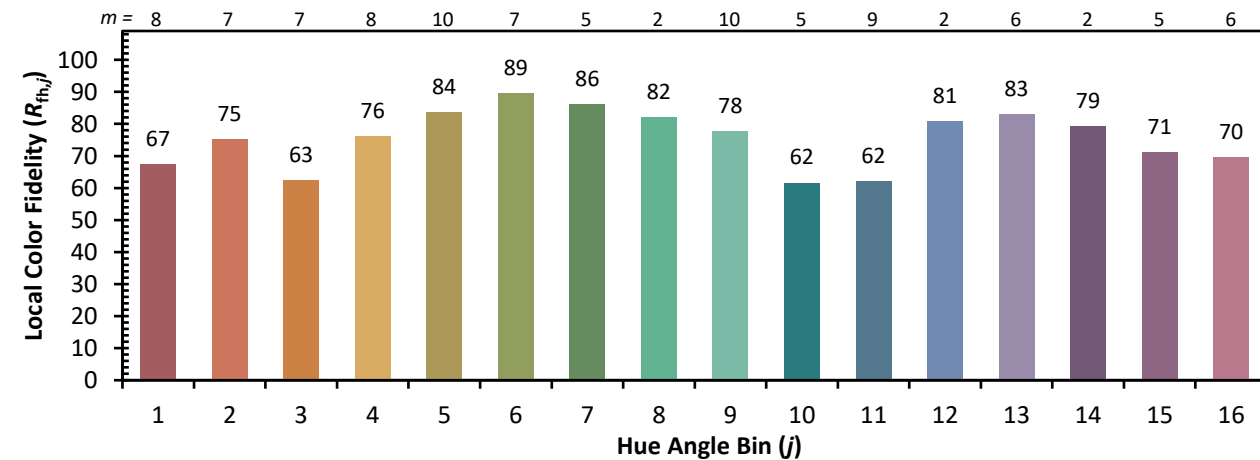
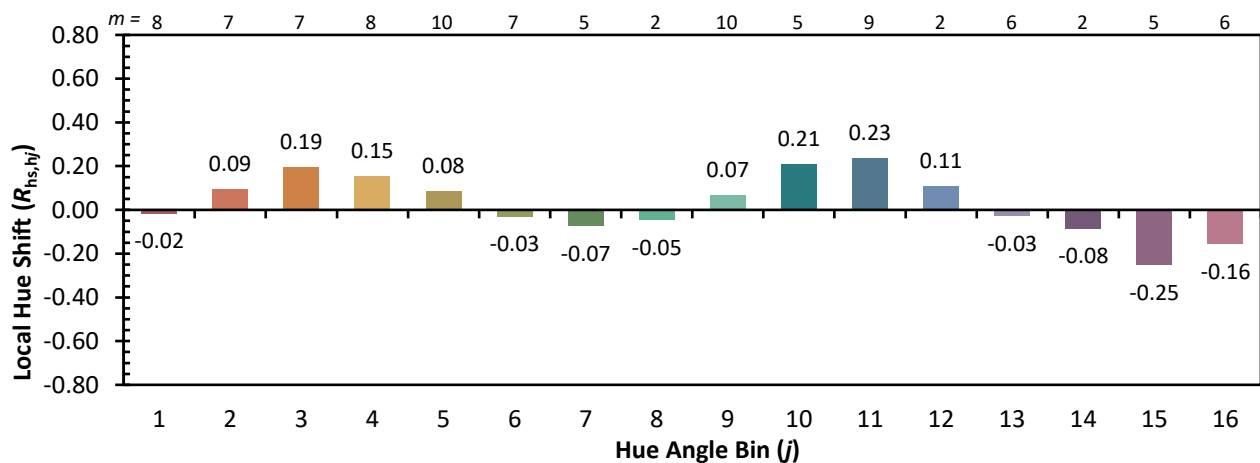
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82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