

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: P856184

Luminaire Tested: **FFX-CLB-80-750-U-FR-T5-UPLR**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856184
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-80-750-U-FR-T5-UPLR
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

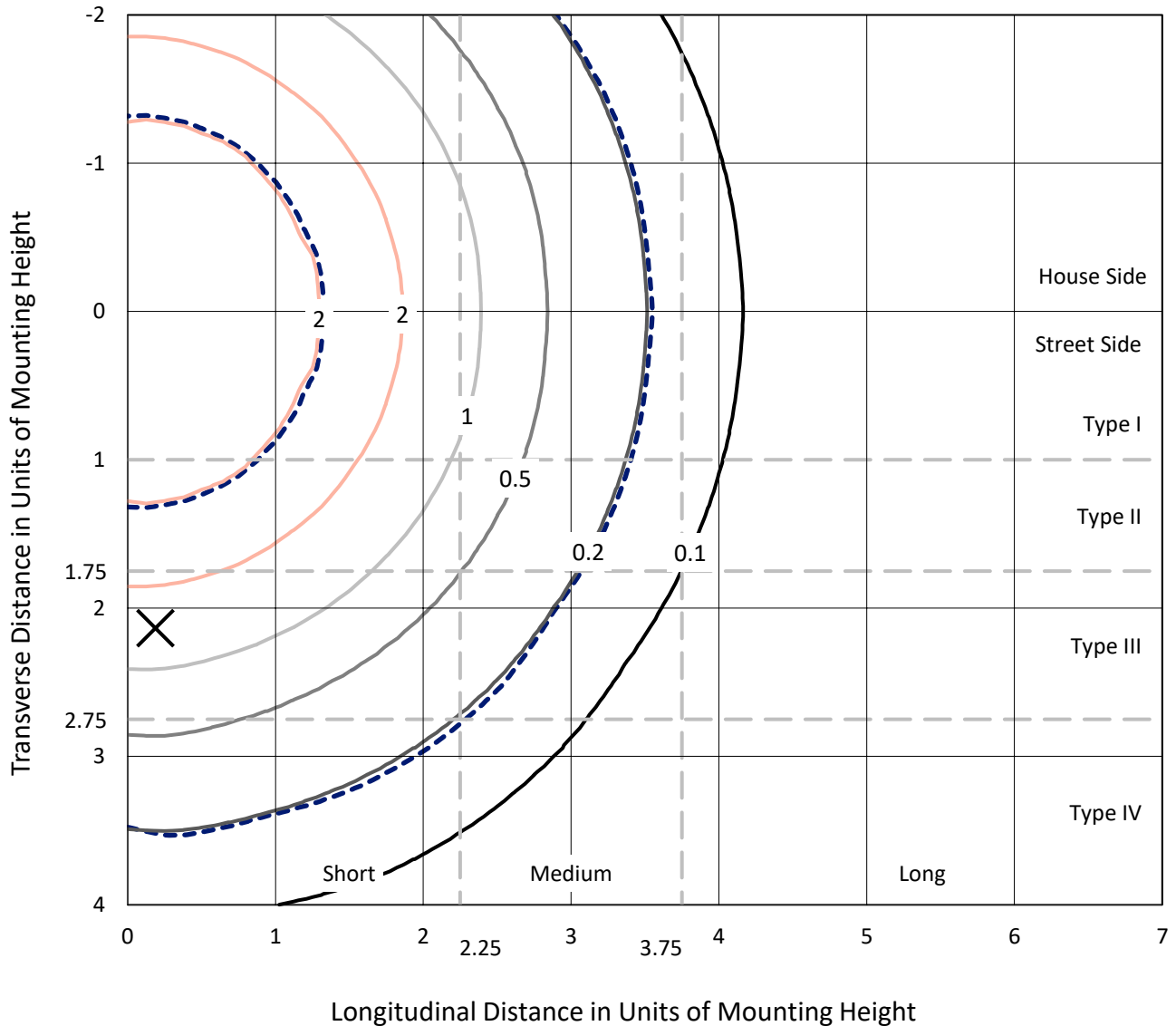
Lumens per Lamp: N/A
Luminaire Lumens: 12616.5 lumens
Efficiency: N/A
Efficacy: 156.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type V - Short
BUG Rating: B4 - U5 - G3

Input Watts (W): 80.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 6.1%%
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

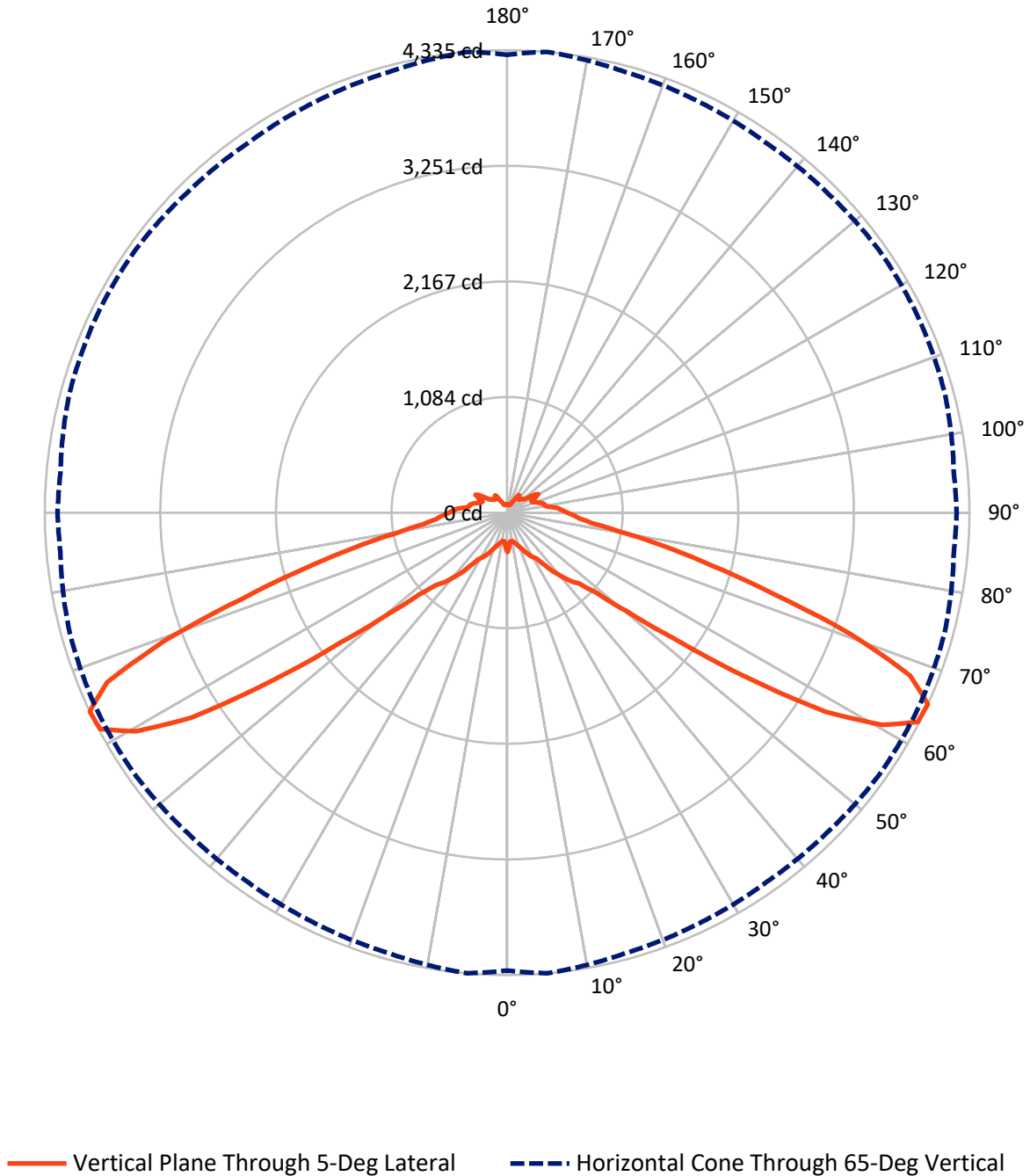
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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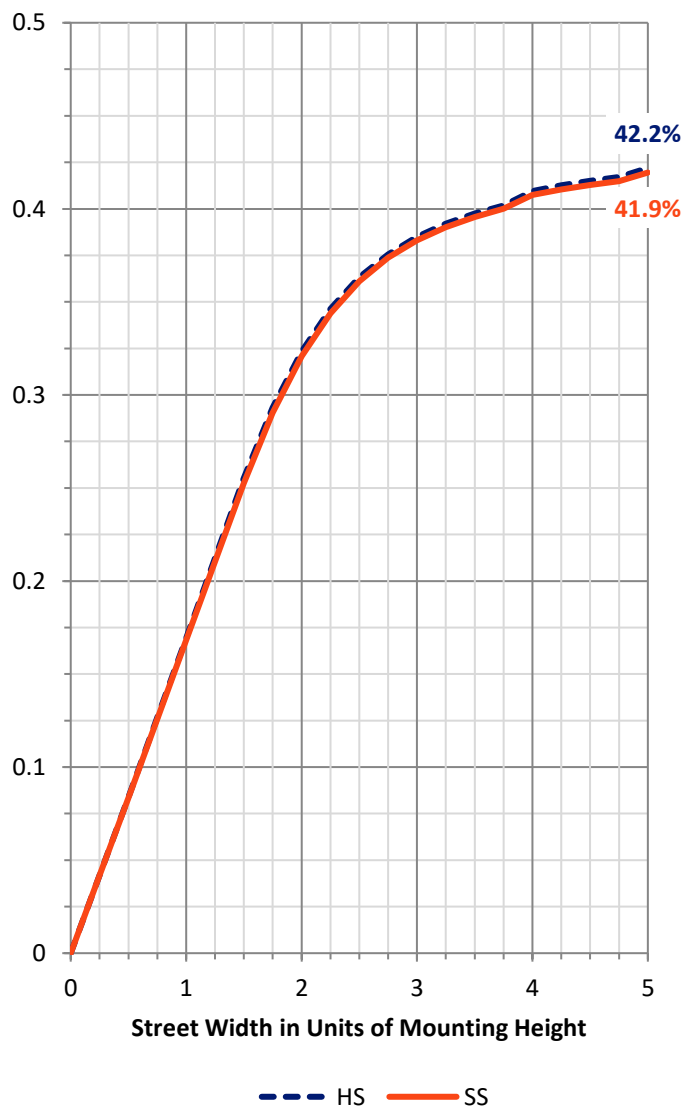
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5511.1	797.2	6308.3
	% Fixture	43.7	6.3	50.0
Street Side	Lumens	5511.1	797.2	6308.3
	% Fixture	43.7	6.3	50.0
Total	Lumens	11022.1	1594.4	12616.5
	% Fixture	87.4	12.6	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	0.2
10°-20°	88.6	0.7
20°-30°	192.0	1.5
30°-40°	389.0	3.1
40°-50°	784.2	6.2
50°-60°	2493.2	19.8
60°-70°	4020.8	31.9
70°-80°	2192.6	17.4
80°-90°	834.9	6.6
90°-100°	501.0	4.0
100°-110°	319.5	2.5
110°-120°	243.0	1.9
120°-130°	205.6	1.6
130°-140°	134.0	1.1
140°-150°	112.3	0.9
150°-160°	50.3	0.4
160°-170°	21.4	0.2
170°-180°	7.1	0.1
0°-90°	11022.1	87.4
0°-180°	12616.5	100.0

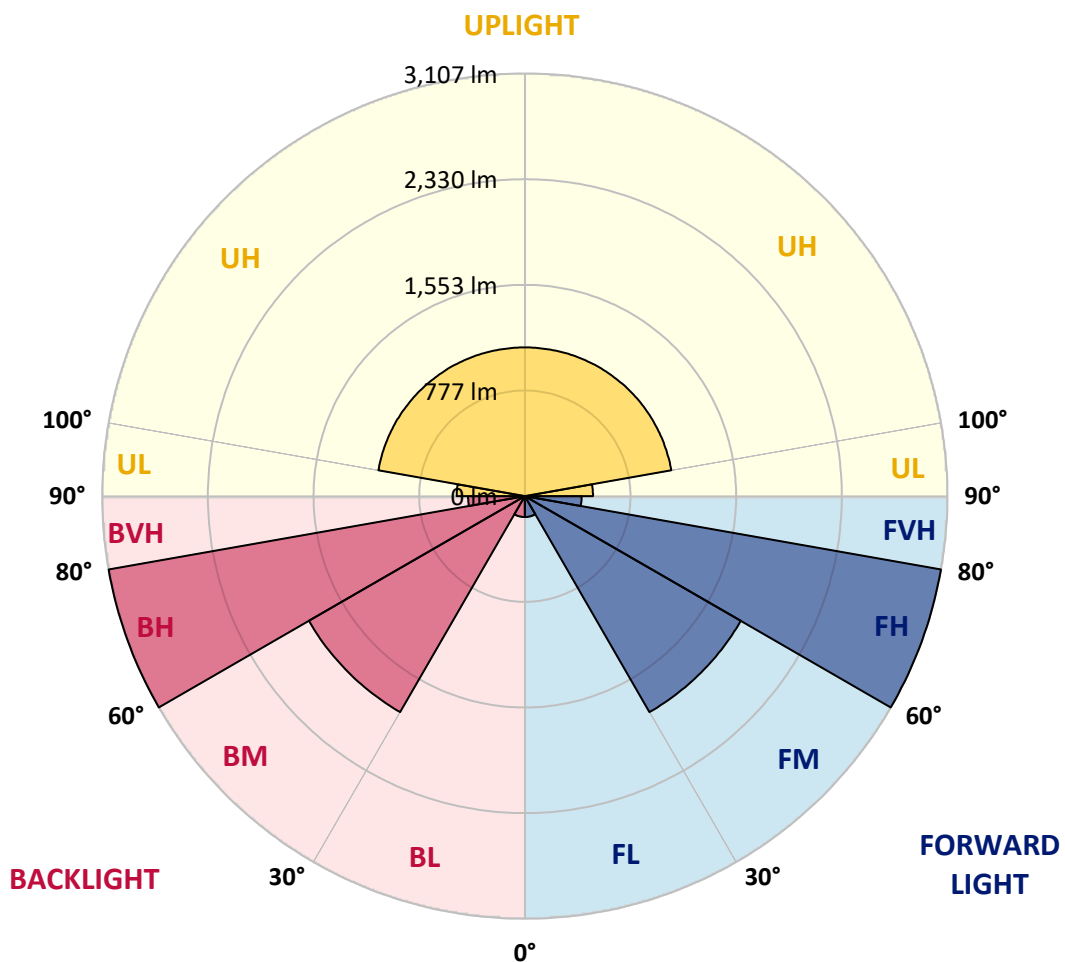


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	153.7	1.2			
FM (30°-60°)	1833.2	14.5			
FH (60°-80°)	3106.7	24.6			G2/5000
FVH (80°-90°)	417.4	3.3			G3/500
BL (0°-30°)	153.7	1.2	B1/500		
BM (30°-60°)	1833.2	14.5	B2/2500		
BH (60°-80°)	3106.7	24.6	B4/5000		G2/5000
BVH (80°-90°)	417.4	3.3			G3/500
UL (90°-100°)	501.0	4.0		U4/1000	
UH (100°-180°)	1093.4	8.7		U5	

BUG Rating: B4-U5-G3
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	370.2	370.2	370.2	370.2	370.2	370.2	370.2	370.2	370.2	370.2	370.2
2.5°	330.7	336.0	321.5	309.6	304.4	305.7	317.5	329.4	317.5	321.5	321.5
5°	274.1	275.4	275.4	272.7	276.7	268.8	259.6	259.6	268.8	279.3	279.3
7.5°	264.8	268.8	279.3	279.3	283.3	270.1	256.9	258.2	271.4	287.2	291.2
10°	272.7	272.7	270.1	272.7	282.0	280.6	266.2	259.6	268.8	284.6	289.9
12.5°	284.6	284.6	292.5	304.4	305.7	293.8	279.3	278.0	288.6	299.1	299.1
15°	301.7	303.0	307.0	305.7	309.6	305.7	301.7	304.4	311.0	311.0	311.0
17.5°	324.1	324.1	324.1	324.1	324.1	325.4	326.8	326.8	326.8	329.4	329.4
20°	349.2	349.2	347.8	346.5	346.5	347.8	349.2	349.2	349.2	351.8	351.8
22.5°	380.8	379.5	376.8	376.8	376.8	378.1	375.5	374.2	372.9	374.2	374.2
25°	417.7	417.7	415.0	411.1	411.1	409.8	405.8	404.5	403.2	405.8	404.5
27.5°	454.6	454.6	450.6	445.3	445.3	445.3	442.7	440.1	437.4	438.8	438.8
30°	488.8	486.2	484.9	480.9	479.6	480.9	478.3	478.3	473.0	471.7	474.3
32.5°	520.4	517.8	520.4	516.5	512.5	516.5	515.2	515.2	507.3	504.6	507.3
35°	607.4	600.8	606.1	596.9	591.6	592.9	595.6	600.8	592.9	589.0	590.3
37.5°	701.0	699.6	716.8	731.3	728.6	706.2	691.7	694.4	704.9	719.4	719.4
40°	787.9	785.3	789.2	784.0	784.0	781.3	780.0	786.6	765.5	760.3	756.3
42.5°	878.8	877.5	855.1	823.5	816.9	843.3	855.1	864.3	834.0	823.5	815.6
45°	968.4	950.0	946.0	935.5	924.9	942.1	940.8	947.3	932.9	931.5	924.9
47.5°	1156.8	1122.6	1110.7	1112.0	1089.6	1108.1	1116.0	1137.1	1106.8	1108.1	1106.8
50°	1496.8	1453.3	1473.1	1459.9	1436.2	1458.6	1457.3	1495.5	1445.4	1463.8	1455.9
52.5°	2027.8	1968.5	1980.3	1972.4	1948.7	1994.8	2005.4	2062.0	1965.8	1989.6	1983.0
55°	2795.9	2731.4	2757.7	2662.9	2637.8	2728.7	2763.0	2828.9	2701.1	2714.2	2707.7
57.5°	3528.5	3524.6	3569.4	3502.2	3479.8	3544.3	3512.7	3570.7	3502.2	3550.9	3535.1
60°	4027.9	4038.4	4083.2	4103.0	4063.5	4097.7	4021.3	4064.8	4043.7	4114.8	4108.3
62.5°	4287.4	4321.7	4295.4	4296.7	4253.2	4279.5	4265.0	4290.1	4284.8	4291.4	4284.8
65°	4292.7	4334.9	4276.9	4250.6	4232.1	4242.6	4267.7	4267.7	4251.9	4204.4	4215.0
67.5°	4012.1	4075.3	4010.8	3973.9	3984.4	3980.4	3997.6	3975.2	3966.0	3896.1	3897.4
70°	3321.7	3423.1	3328.2	3294.0	3321.7	3338.8	3337.5	3319.0	3304.5	3217.6	3242.6
72.5°	2521.9	2611.5	2527.1	2514.0	2540.3	2566.7	2544.3	2566.7	2543.0	2503.4	2515.3
75°	1903.9	1980.3	1980.3	2030.4	2038.3	2023.8	1961.9	1986.9	2002.7	2004.1	2015.9
77.5°	1400.6	1481.0	1523.1	1604.8	1600.9	1575.8	1500.7	1529.7	1560.0	1581.1	1595.6
80°	996.1	1056.7	1118.6	1176.6	1184.5	1163.4	1117.3	1134.4	1152.9	1167.4	1175.3
82.5°	772.1	799.8	787.9	781.3	791.9	822.2	832.7	843.3	816.9	799.8	806.4
85°	673.3	675.9	697.0	711.5	715.5	715.5	704.9	712.8	719.4	736.5	736.5
87.5°	614.0	616.6	669.3	683.8	689.1	682.5	669.3	674.6	679.9	690.4	690.4
90°	545.5	553.4	606.1	618.0	623.2	612.7	608.7	612.7	606.1	610.0	610.0
92.5°	507.3	507.3	532.3	527.0	525.7	527.0	528.4	532.3	525.7	523.1	523.1
95°	463.8	470.4	463.8	469.1	467.7	461.2	458.5	461.2	457.2	457.2	459.8
97.5°	388.7	390.0	378.1	382.1	382.1	376.8	370.2	372.9	368.9	371.6	372.9
100°	363.7	359.7	339.9	337.3	336.0	332.0	328.1	328.1	326.8	325.4	326.8
102.5°	355.7	355.7	329.4	324.1	321.5	314.9	309.6	309.6	309.6	309.6	311.0
105°	325.4	334.7	314.9	311.0	307.0	299.1	291.2	289.9	292.5	289.9	293.8
107.5°	295.1	303.0	292.5	292.5	288.6	280.6	275.4	274.1	275.4	272.7	275.4
110°	278.0	282.0	270.1	270.1	267.5	260.9	259.6	258.2	258.2	254.3	256.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	256.9	256.9	247.7	245.1	245.1	241.1	239.8	238.5	238.5	238.5	239.8
115°	255.6	254.3	239.8	230.6	229.3	227.9	229.3	227.9	227.9	226.6	226.6
117.5°	312.3	299.1	250.3	227.9	227.9	229.3	234.5	230.6	221.4	221.4	220.0
120°	337.3	339.9	288.6	264.8	259.6	253.0	251.7	249.0	239.8	238.5	243.8
122.5°	297.8	311.0	279.3	270.1	264.8	256.9	251.7	250.3	250.3	243.8	253.0
125°	231.9	243.8	227.9	226.6	225.3	226.6	224.0	224.0	226.6	222.7	224.0
127.5°	199.0	204.2	197.6	197.6	196.3	195.0	192.4	193.7	192.4	193.7	195.0
130°	191.1	195.0	188.4	185.8	185.8	187.1	187.1	187.1	183.1	180.5	181.8
132.5°	189.7	188.4	177.9	172.6	172.6	181.8	185.8	185.8	176.6	170.0	170.0
135°	171.3	172.6	171.3	164.7	166.0	168.7	172.6	173.9	164.7	160.7	162.1
137.5°	164.7	168.7	170.0	167.3	167.3	164.7	163.4	164.7	162.1	163.4	163.4
140°	164.7	166.0	170.0	172.6	170.0	167.3	167.3	167.3	168.7	172.6	175.2
142.5°	168.7	170.0	168.7	167.3	171.3	177.9	183.1	183.1	179.2	176.6	177.9
145°	193.7	197.6	197.6	193.7	196.3	193.7	193.7	191.1	191.1	191.1	192.4
147.5°	184.5	183.1	185.8	189.7	185.8	184.5	184.5	185.8	188.4	189.7	191.1
150°	144.9	141.0	143.6	151.5	150.2	150.2	150.2	151.5	152.8	152.8	154.2
152.5°	114.6	114.6	117.3	117.3	118.6	118.6	117.3	117.3	117.3	118.6	118.6
155°	102.8	101.5	104.1	108.0	105.4	105.4	105.4	105.4	105.4	105.4	106.7
157.5°	89.6	88.3	88.3	89.6	89.6	89.6	89.6	90.9	90.9	89.6	90.9
160°	81.7	81.7	80.4	80.4	80.4	81.7	83.0	83.0	81.7	80.4	80.4
162.5°	77.7	77.7	75.1	73.8	73.8	75.1	77.7	77.7	75.1	73.8	73.8
165°	77.7	76.4	72.5	69.8	69.8	72.5	76.4	76.4	72.5	69.8	69.8
167.5°	76.4	76.4	73.8	71.1	71.1	73.8	75.1	76.4	75.1	72.5	71.1
170°	73.8	73.8	75.1	75.1	73.8	73.8	73.8	73.8	75.1	75.1	75.1
172.5°	76.4	75.1	76.4	77.7	77.7	76.4	75.1	75.1	76.4	77.7	77.7
175°	77.7	77.7	76.4	76.4	76.4	75.1	75.1	75.1	76.4	77.7	76.4
177.5°	69.8	69.8	68.5	69.8	69.8	69.8	68.5	69.8	69.8	69.8	71.1
180°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9

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

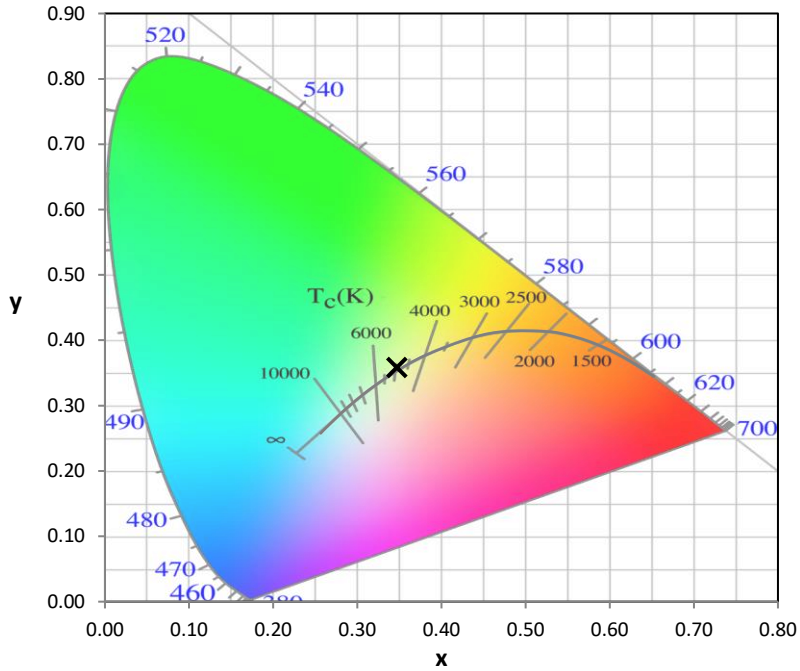
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

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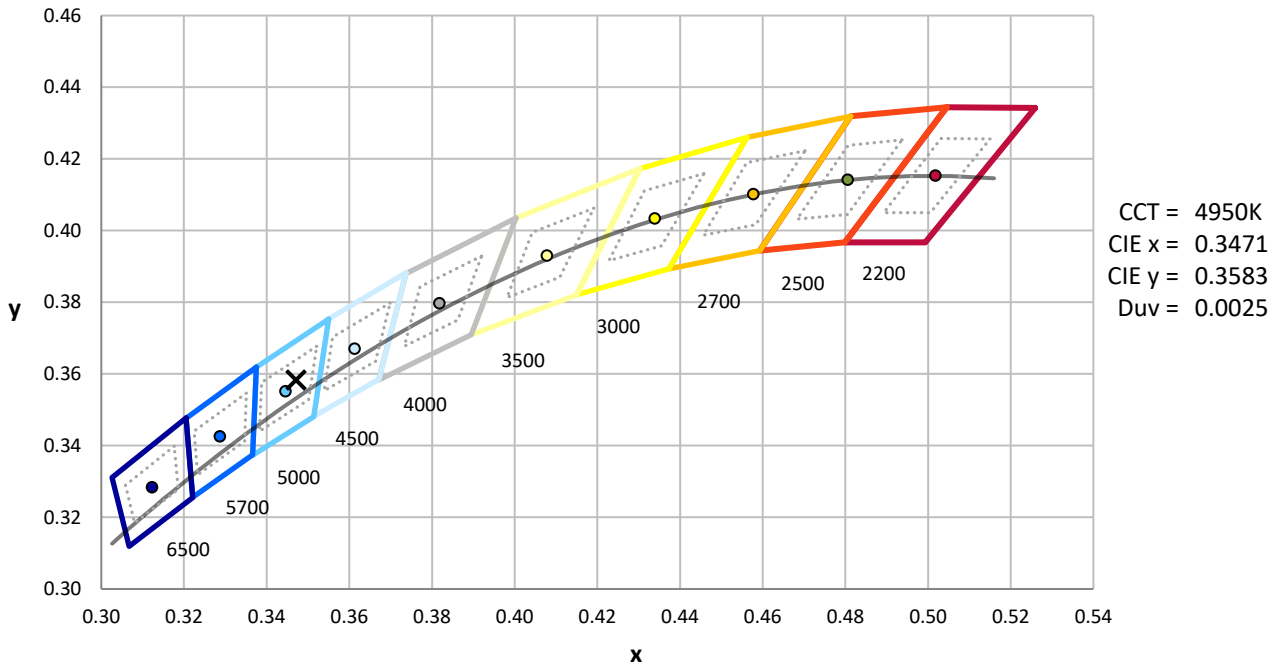
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



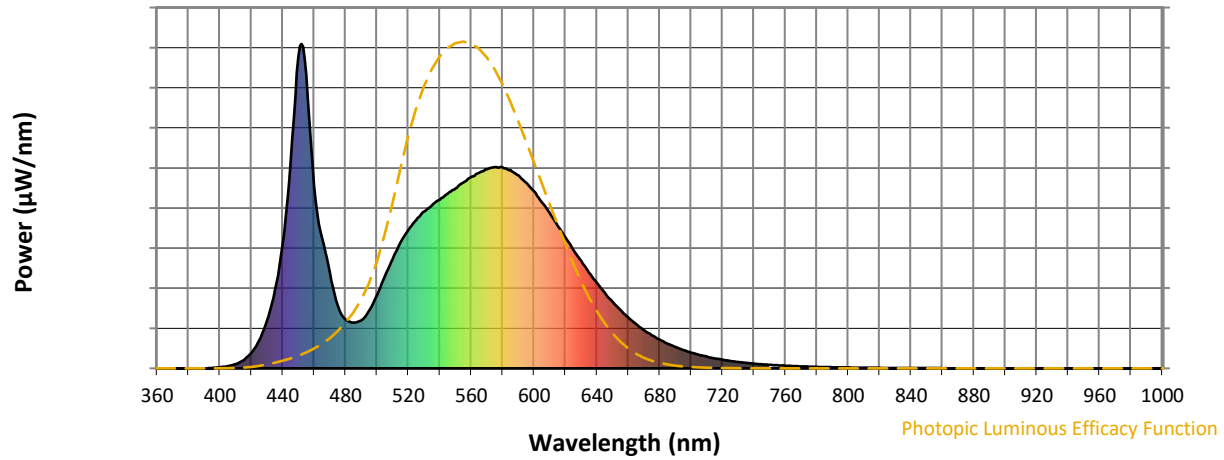
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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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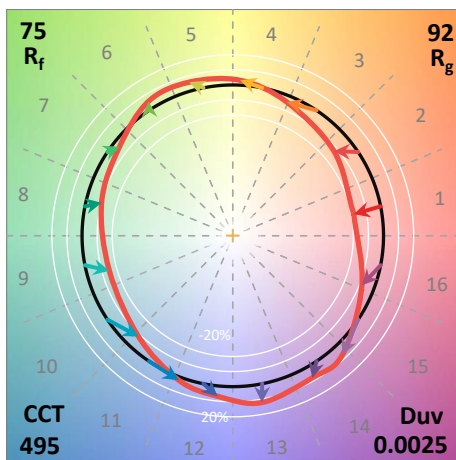
TM-30-18

Summary

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



Color Vector Graphics

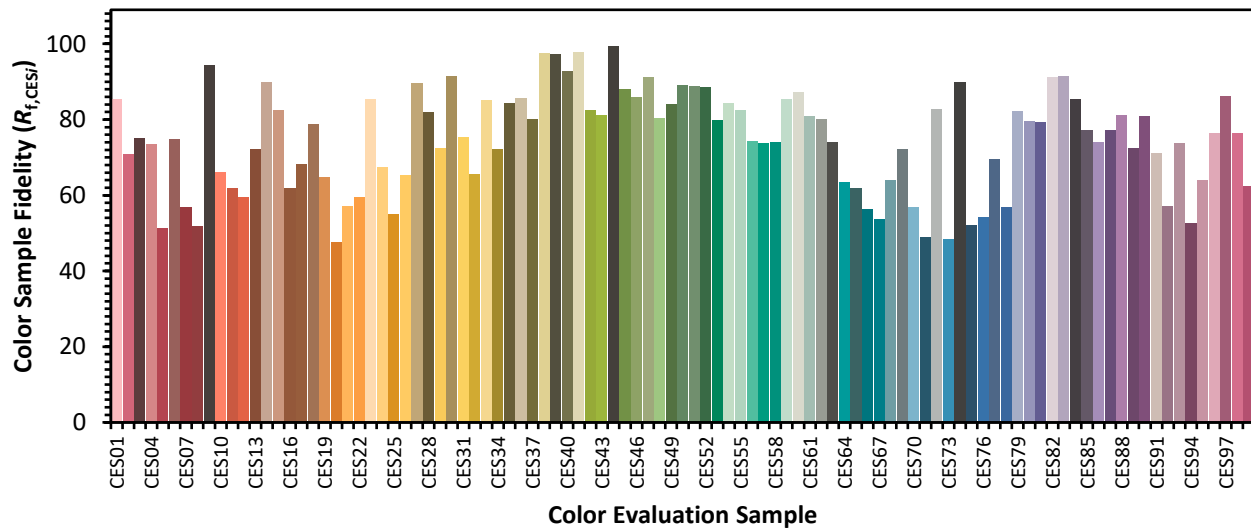


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Individual Sample Fidelity Index ($R_{f,i}$)

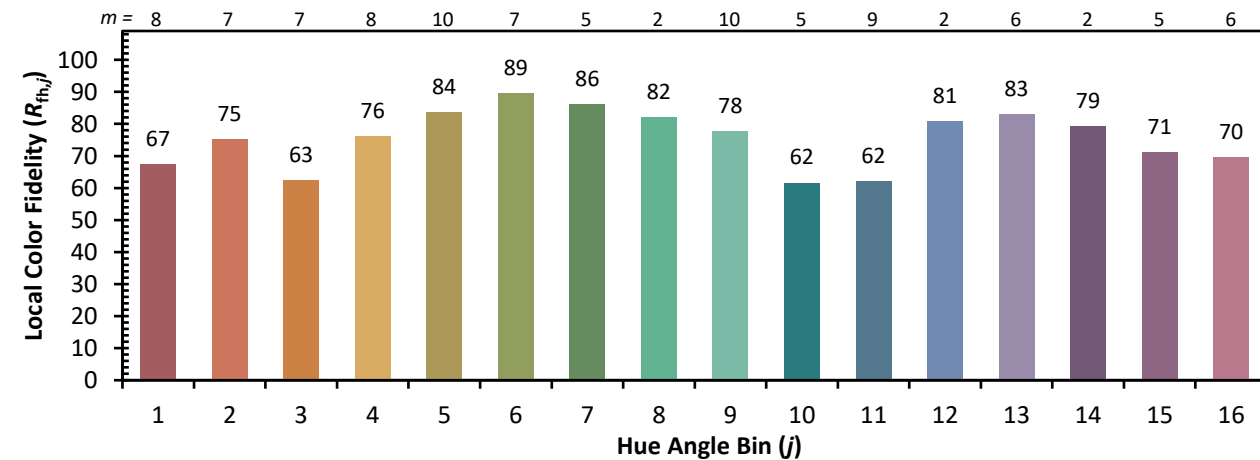
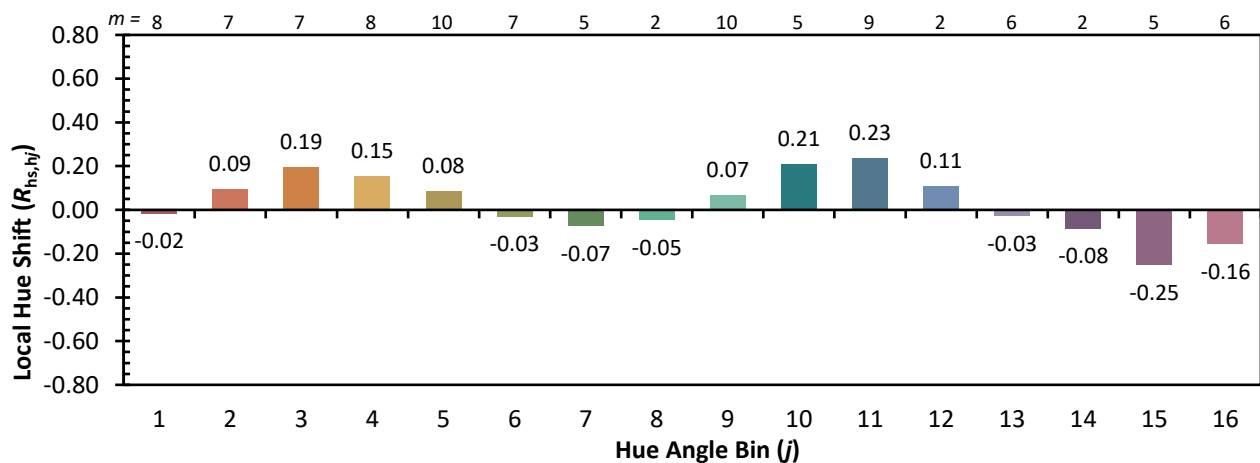
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82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