

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: P856189

Luminaire Tested: **FFX-CLB-30-750-U-FR-T5-UPLR**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856189
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-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

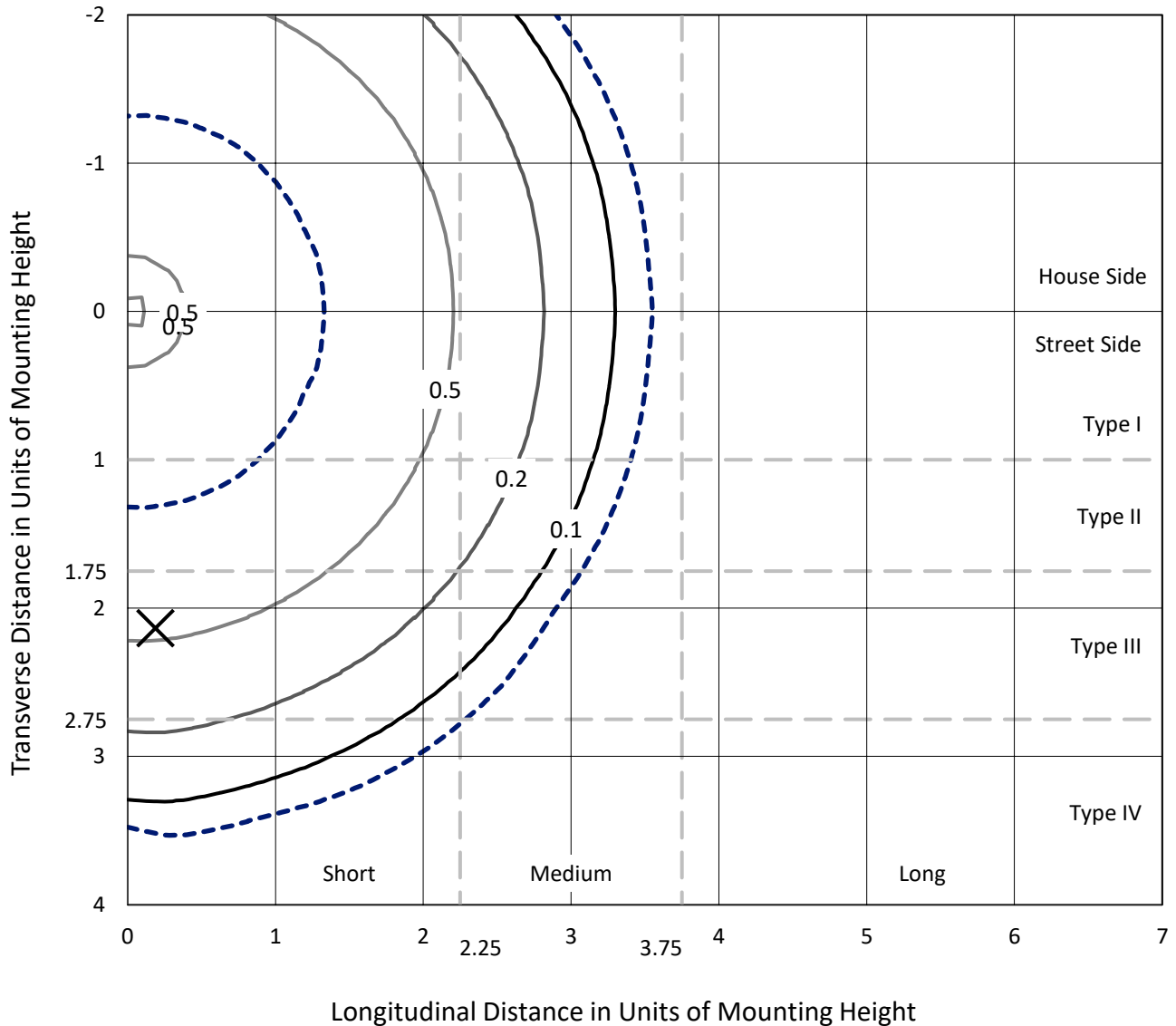
Lumens per Lamp: N/A
Luminaire Lumens: 4853.8 lumens
Efficiency: N/A
Efficacy: 159.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type V - Short
BUG Rating: B3 - U3 - G2

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

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Iso-Footcandle Lines of Horizontal Illumination

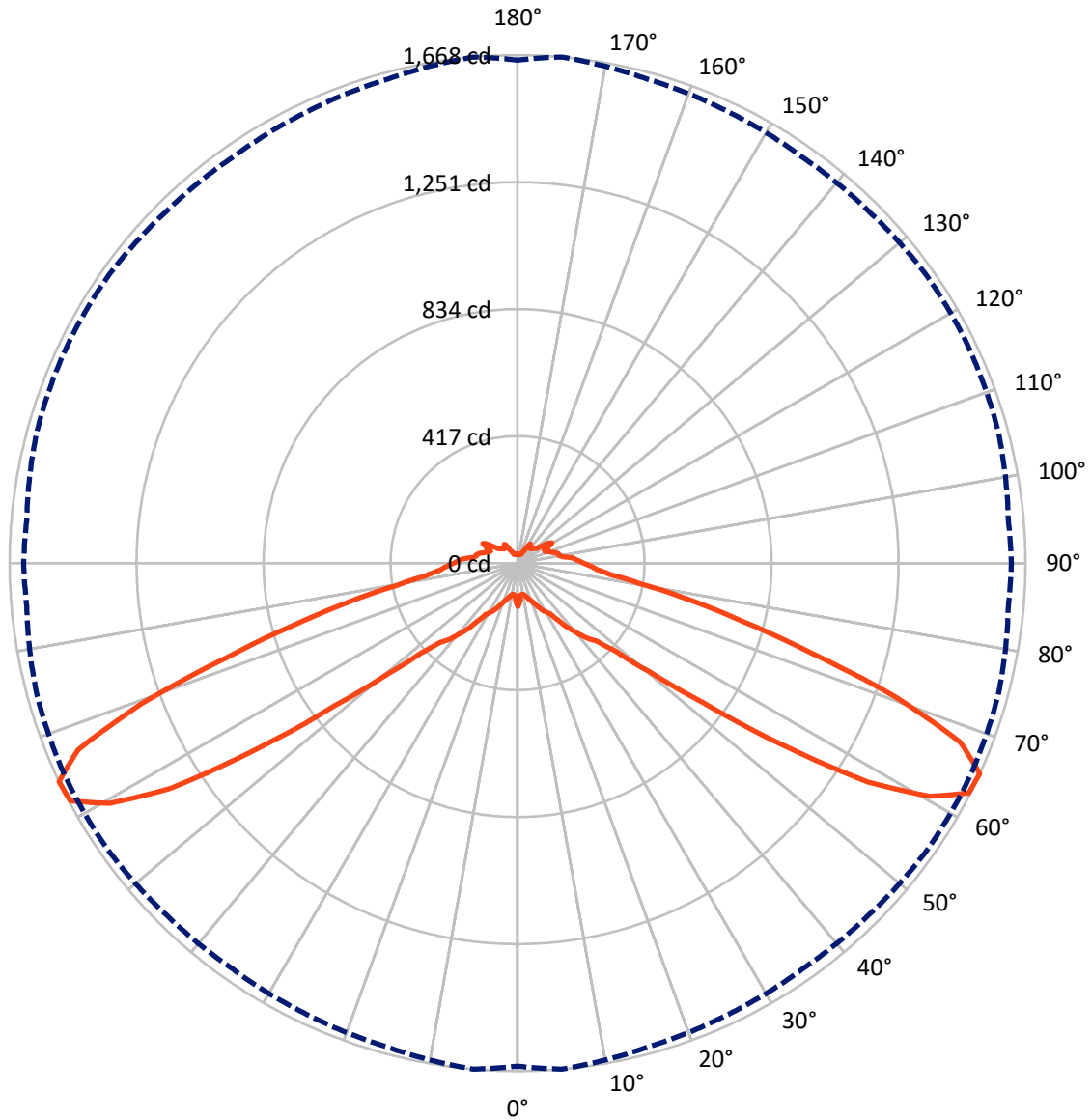
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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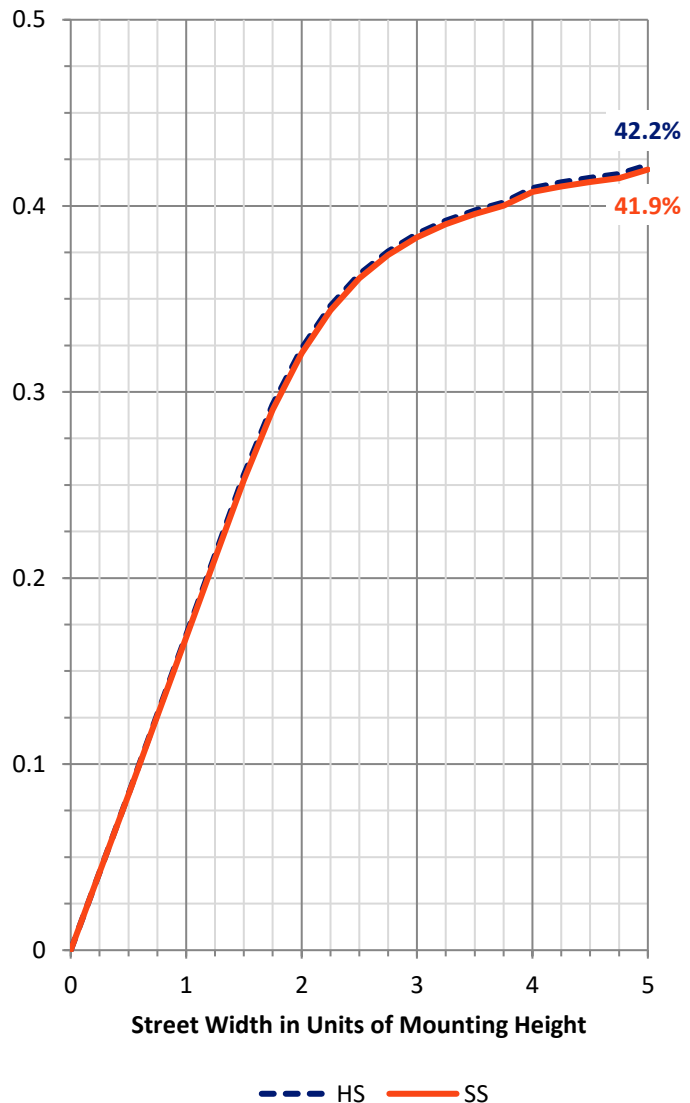
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2120.2	306.7	2426.9
	% Fixture	43.7	6.3	50.0
Street Side	Lumens	2120.2	306.7	2426.9
	% Fixture	43.7	6.3	50.0
Total	Lumens	4240.4	613.4	4853.8
	% Fixture	87.4	12.6	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	0.2
10°-20°	34.1	0.7
20°-30°	73.9	1.5
30°-40°	149.6	3.1
40°-50°	301.7	6.2
50°-60°	959.2	19.8
60°-70°	1546.9	31.9
70°-80°	843.6	17.4
80°-90°	321.2	6.6
90°-100°	192.8	4.0
100°-110°	122.9	2.5
110°-120°	93.5	1.9
120°-130°	79.1	1.6
130°-140°	51.6	1.1
140°-150°	43.2	0.9
150°-160°	19.4	0.4
160°-170°	8.2	0.2
170°-180°	2.7	0.1
0°-90°	4240.4	87.4
0°-180°	4853.8	100.0



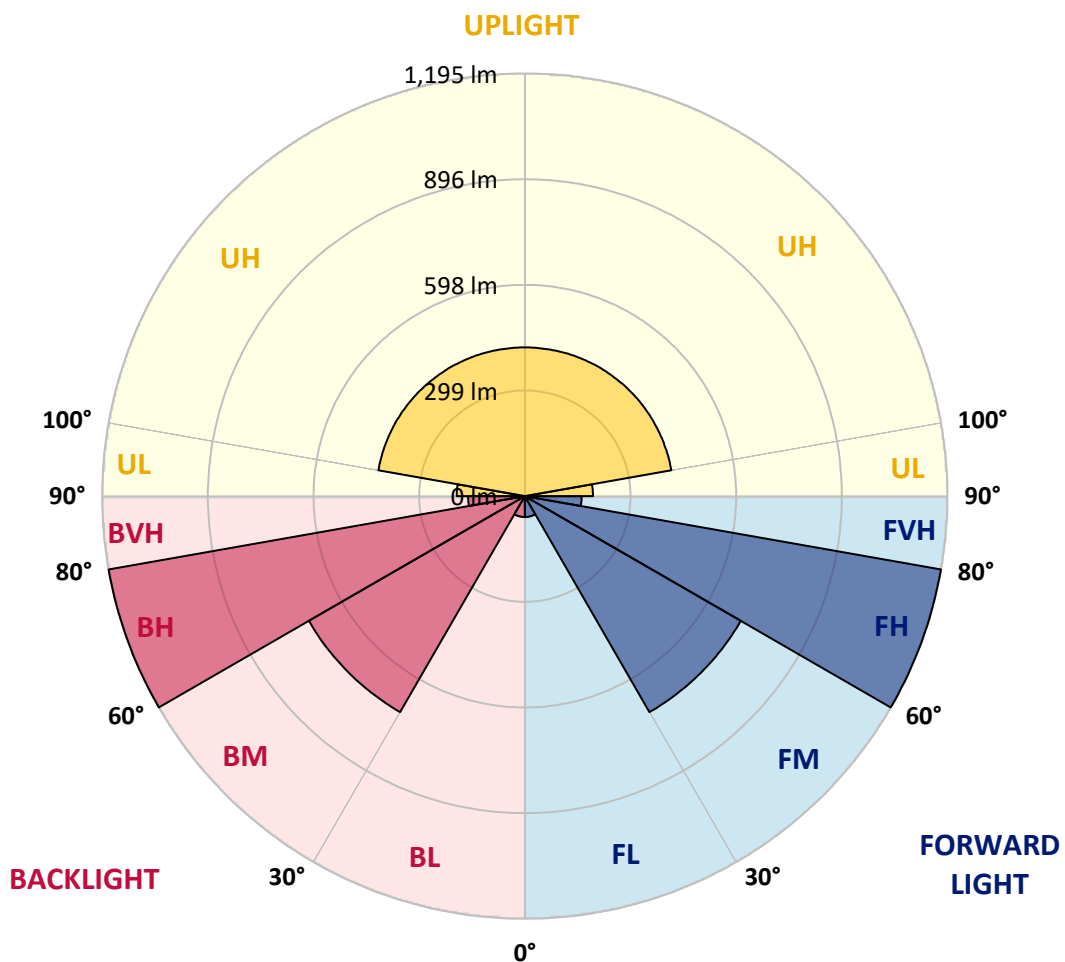
REPORT NUMBER: P856189
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	59.1	1.2			
FM	(30°-60°)	705.3	14.5			
FH	(60°-80°)	1195.2	24.6			G1/1800
FVH	(80°-90°)	160.6	3.3			G2/225
BL	(0°-30°)	59.1	1.2	B0/110		
BM	(30°-60°)	705.3	14.5	B1/1000		
BH	(60°-80°)	1195.2	24.6	B3/2500		G1/1800
BVH	(80°-90°)	160.6	3.3			G2/225
UL	(90°-100°)	192.8	4.0		U3/500	
UH	(100°-180°)	420.7	8.7		U3/500	

BUG Rating: B3-U3-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
2.5°	127.2	129.3	123.7	119.1	117.1	117.6	122.2	126.7	122.2	123.7	123.7
5°	105.4	105.9	105.9	104.9	106.4	103.4	99.9	99.9	103.4	107.5	107.5
7.5°	101.9	103.4	107.5	107.5	109.0	103.9	98.8	99.4	104.4	110.5	112.0
10°	104.9	104.9	103.9	104.9	108.5	108.0	102.4	99.9	103.4	109.5	111.5
12.5°	109.5	109.5	112.5	117.1	117.6	113.0	107.5	107.0	111.0	115.1	115.1
15°	116.1	116.6	118.1	117.6	119.1	117.6	116.1	117.1	119.6	119.6	119.6
17.5°	124.7	124.7	124.7	124.7	124.7	125.2	125.7	125.7	125.7	126.7	126.7
20°	134.3	134.3	133.8	133.3	133.3	133.8	134.3	134.3	134.3	135.3	135.3
22.5°	146.5	146.0	145.0	145.0	145.0	145.5	144.5	144.0	143.5	144.0	144.0
25°	160.7	160.7	159.7	158.2	158.2	157.6	156.1	155.6	155.1	156.1	155.6
27.5°	174.9	174.9	173.4	171.3	171.3	171.3	170.3	169.3	168.3	168.8	168.8
30°	188.1	187.0	186.5	185.0	184.5	185.0	184.0	184.0	182.0	181.5	182.5
32.5°	200.2	199.2	200.2	198.7	197.2	198.7	198.2	198.2	195.2	194.1	195.2
35°	233.7	231.1	233.2	229.6	227.6	228.1	229.1	231.1	228.1	226.6	227.1
37.5°	269.7	269.2	275.8	281.3	280.3	271.7	266.1	267.1	271.2	276.8	276.8
40°	303.1	302.1	303.6	301.6	301.6	300.6	300.1	302.6	294.5	292.5	291.0
42.5°	338.1	337.6	329.0	316.8	314.3	324.4	329.0	332.5	320.9	316.8	313.8
45°	372.6	365.5	364.0	359.9	355.8	362.4	361.9	364.5	358.9	358.4	355.8
47.5°	445.1	431.9	427.3	427.8	419.2	426.3	429.3	437.5	425.8	426.3	425.8
50°	575.8	559.1	566.7	561.6	552.5	561.1	560.6	575.3	556.1	563.2	560.1
52.5°	780.1	757.3	761.9	758.8	749.7	767.5	771.5	793.3	756.3	765.4	762.9
55°	1075.7	1050.8	1060.9	1024.5	1014.8	1049.8	1063.0	1088.3	1039.2	1044.2	1041.7
57.5°	1357.5	1356.0	1373.2	1347.4	1338.7	1363.6	1351.4	1373.7	1347.4	1366.1	1360.0
60°	1549.6	1553.7	1570.9	1578.5	1563.3	1576.5	1547.1	1563.8	1555.7	1583.1	1580.5
62.5°	1649.5	1662.6	1652.5	1653.0	1636.3	1646.4	1640.8	1650.5	1648.5	1651.0	1648.5
65°	1651.5	1667.7	1645.4	1635.3	1628.2	1632.2	1641.9	1641.9	1635.8	1617.5	1621.6
67.5°	1543.5	1567.9	1543.0	1528.8	1532.9	1531.4	1537.9	1529.3	1525.8	1498.9	1499.4
70°	1277.9	1316.9	1280.4	1267.3	1277.9	1284.5	1284.0	1276.9	1271.3	1237.9	1247.5
72.5°	970.2	1004.7	972.2	967.2	977.3	987.4	978.8	987.4	978.3	963.1	967.7
75°	732.5	761.9	761.9	781.1	784.2	778.6	754.8	764.4	770.5	771.0	775.6
77.5°	538.8	569.8	586.0	617.4	615.9	606.3	577.4	588.5	600.2	608.3	613.9
80°	383.2	406.5	430.4	452.7	455.7	447.6	429.9	436.4	443.5	449.1	452.2
82.5°	297.0	307.7	303.1	300.6	304.6	316.3	320.4	324.4	314.3	307.7	310.2
85°	259.0	260.0	268.2	273.7	275.2	275.2	271.2	274.2	276.8	283.4	283.4
87.5°	236.2	237.2	257.5	263.1	265.1	262.6	257.5	259.5	261.6	265.6	265.6
90°	209.9	212.9	233.2	237.7	239.8	235.7	234.2	235.7	233.2	234.7	234.7
92.5°	195.2	195.2	204.8	202.8	202.3	202.8	203.3	204.8	202.3	201.2	201.2
95°	178.4	181.0	178.4	180.5	180.0	177.4	176.4	177.4	175.9	175.9	176.9
97.5°	149.5	150.0	145.5	147.0	147.0	145.0	142.4	143.5	141.9	142.9	143.5
100°	139.9	138.4	130.8	129.8	129.3	127.7	126.2	126.2	125.7	125.2	125.7
102.5°	136.9	136.9	126.7	124.7	123.7	121.2	119.1	119.1	119.1	119.1	119.6
105°	125.2	128.8	121.2	119.6	118.1	115.1	112.0	111.5	112.5	111.5	113.0
107.5°	113.5	116.6	112.5	112.5	111.0	108.0	105.9	105.4	105.9	104.9	105.9
110°	107.0	108.5	103.9	103.9	102.9	100.4	99.9	99.4	99.4	97.8	98.8



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 CATALOG NUMBER: FFX-CLB-30-750-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	98.8	98.8	95.3	94.3	94.3	92.8	92.3	91.7	91.7	91.7	92.3
115°	98.3	97.8	92.3	88.7	88.2	87.7	88.2	87.7	87.7	87.2	87.2
117.5°	120.1	115.1	96.3	87.7	87.7	88.2	90.2	88.7	85.2	85.2	84.7
120°	129.8	130.8	111.0	101.9	99.9	97.3	96.8	95.8	92.3	91.7	93.8
122.5°	114.6	119.6	107.5	103.9	101.9	98.8	96.8	96.3	96.3	93.8	97.3
125°	89.2	93.8	87.7	87.2	86.7	87.2	86.2	86.2	87.2	85.7	86.2
127.5°	76.5	78.6	76.0	76.0	75.5	75.0	74.0	74.5	74.0	74.5	75.0
130°	73.5	75.0	72.5	71.5	71.5	72.0	72.0	72.0	70.5	69.4	70.0
132.5°	73.0	72.5	68.4	66.4	66.4	70.0	71.5	71.5	67.9	65.4	65.4
135°	65.9	66.4	65.9	63.4	63.9	64.9	66.4	66.9	63.4	61.8	62.3
137.5°	63.4	64.9	65.4	64.4	64.4	63.4	62.9	63.4	62.3	62.9	62.9
140°	63.4	63.9	65.4	66.4	65.4	64.4	64.4	64.4	64.9	66.4	67.4
142.5°	64.9	65.4	64.9	64.4	65.9	68.4	70.5	70.5	68.9	67.9	68.4
145°	74.5	76.0	76.0	74.5	75.5	74.5	74.5	73.5	73.5	73.5	74.0
147.5°	71.0	70.5	71.5	73.0	71.5	71.0	71.0	71.5	72.5	73.0	73.5
150°	55.8	54.2	55.3	58.3	57.8	57.8	57.8	58.3	58.8	58.8	59.3
152.5°	44.1	44.1	45.1	45.1	45.6	45.6	45.1	45.1	45.1	45.6	45.6
155°	39.5	39.0	40.0	41.6	40.6	40.6	40.6	40.6	40.6	40.6	41.1
157.5°	34.5	34.0	34.0	34.5	34.5	34.5	34.5	35.0	35.0	34.5	35.0
160°	31.4	31.4	30.9	30.9	30.9	31.4	31.9	31.9	31.4	30.9	30.9
162.5°	29.9	29.9	28.9	28.4	28.4	28.9	29.9	29.9	28.9	28.4	28.4
165°	29.9	29.4	27.9	26.9	26.9	27.9	29.4	29.4	27.9	26.9	26.9
167.5°	29.4	29.4	28.4	27.4	27.4	28.4	28.9	29.4	28.9	27.9	27.4
170°	28.4	28.4	28.9	28.9	28.4	28.4	28.4	28.4	28.9	28.9	28.9
172.5°	29.4	28.9	29.4	29.9	29.9	29.4	28.9	28.9	29.4	29.9	29.9
175°	29.9	29.9	29.4	29.4	29.4	28.9	28.9	28.9	29.4	29.9	29.4
177.5°	26.9	26.9	26.4	26.9	26.9	26.9	26.4	26.9	26.9	26.9	27.4
180°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3

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

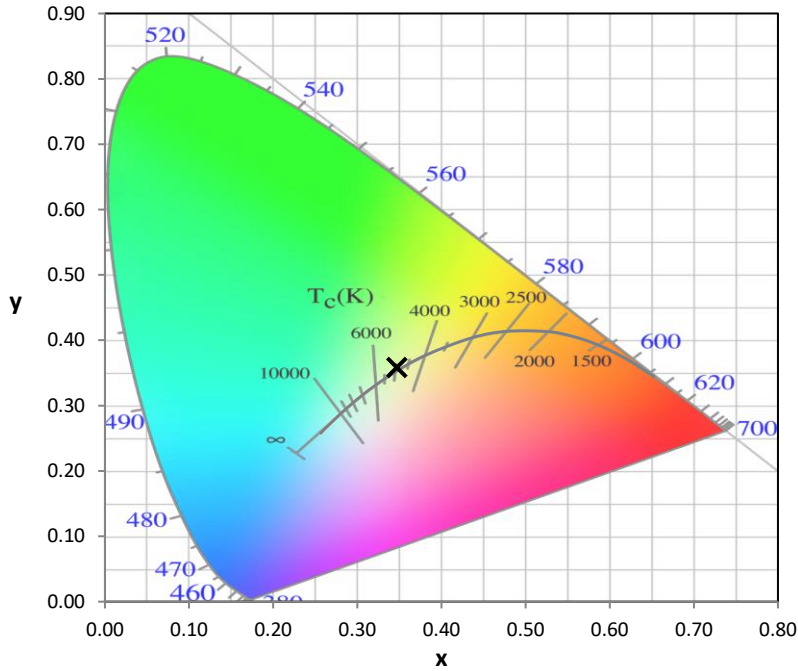
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-5

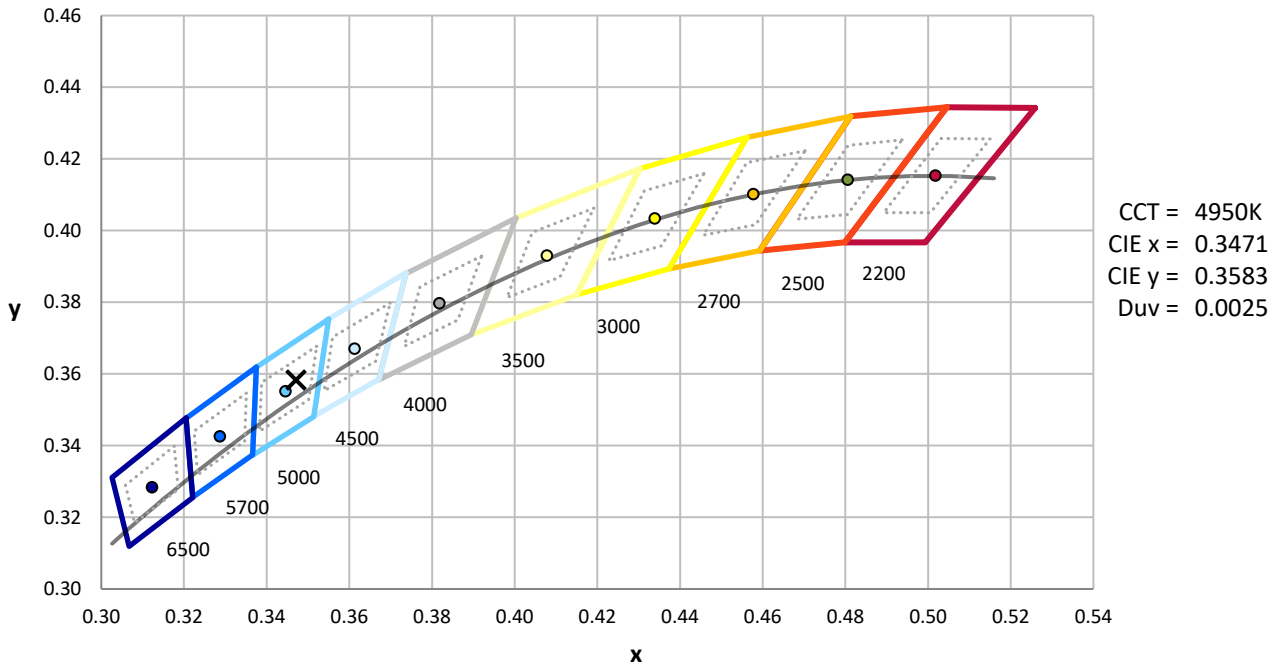
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



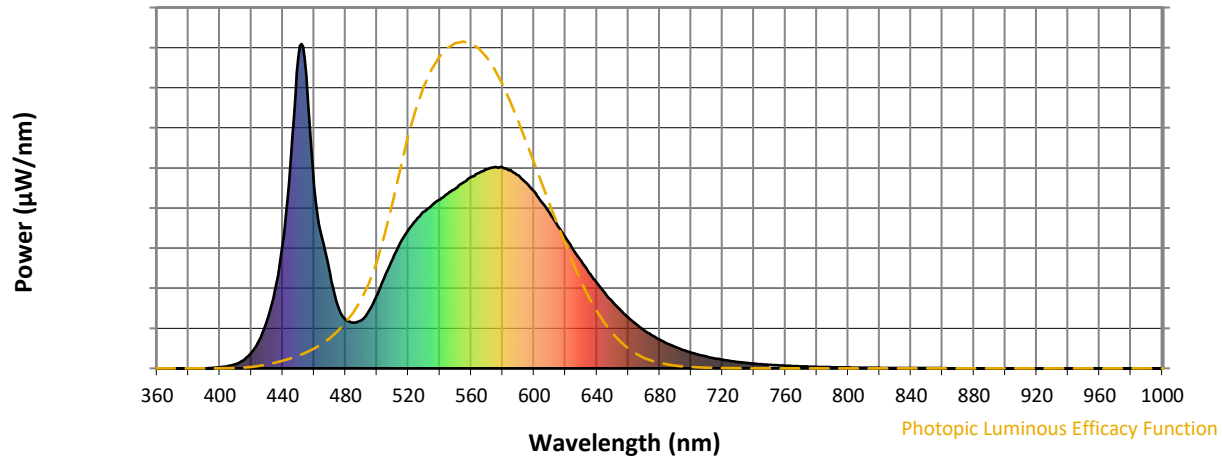
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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			

REPORT NUMBER: SP1-2406-133-5

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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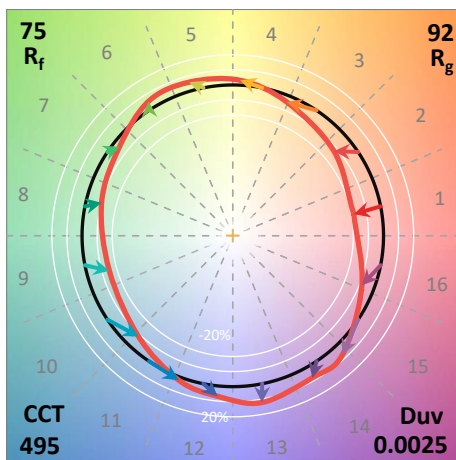
TM-30-18

Summary

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



Color Vector Graphics

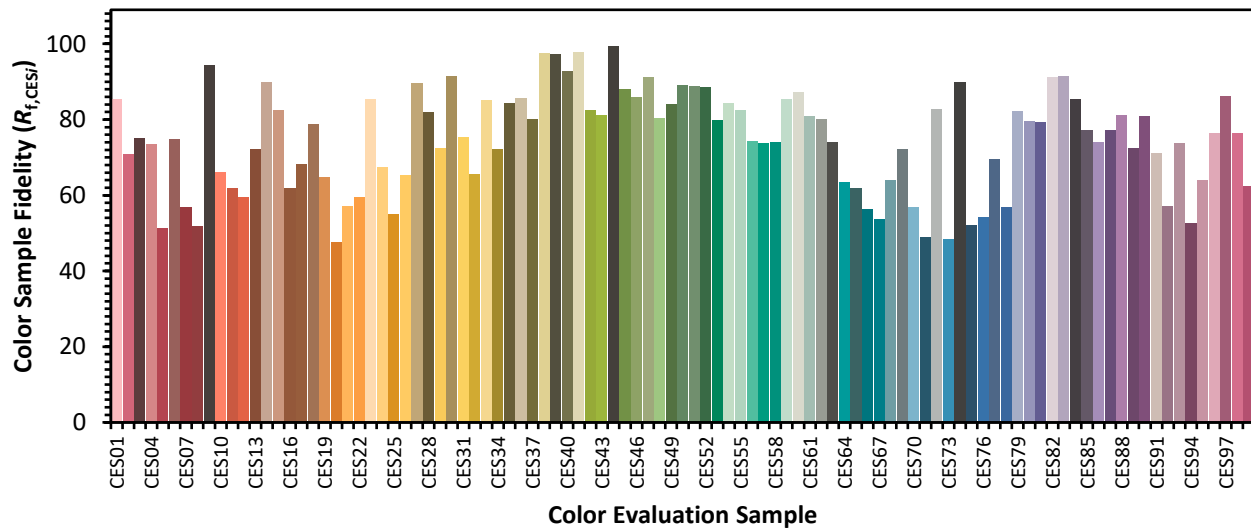


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Individual Sample Fidelity Index ($R_{f,i}$)

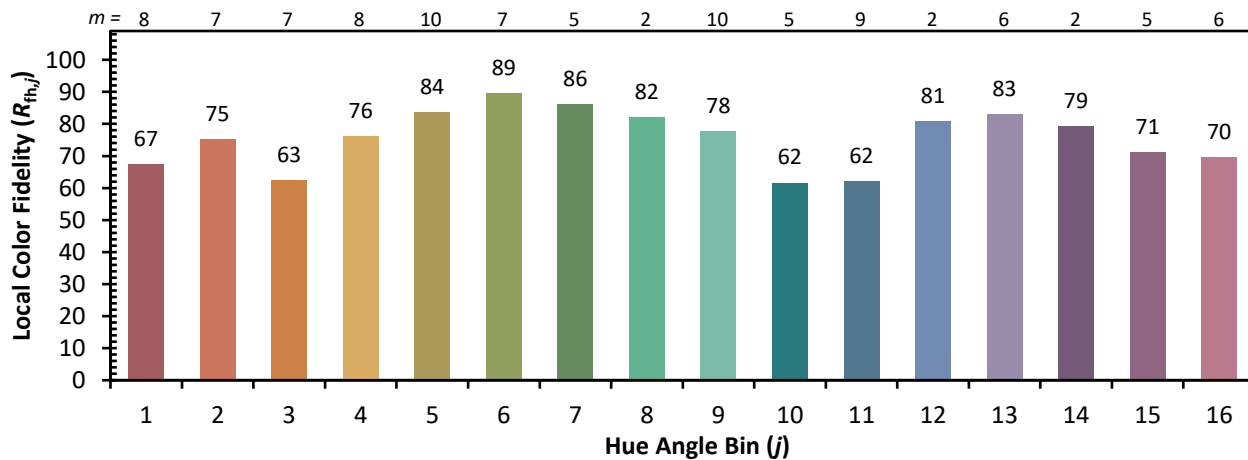
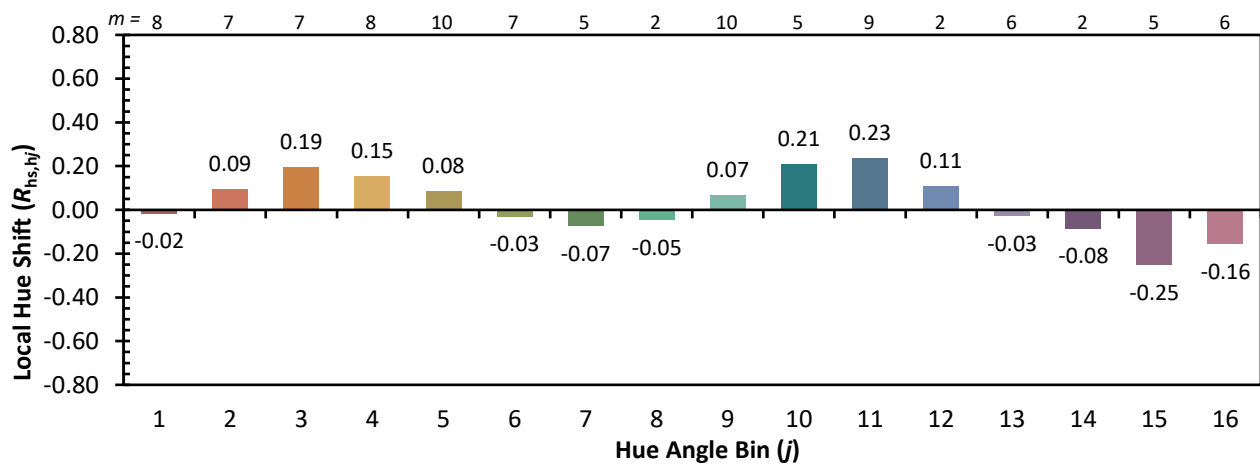
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82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