

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: P856095

Luminaire Tested: **FFX-CLB-70-750-U-FR-T5**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856095
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-70-750-U-FR-T5
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

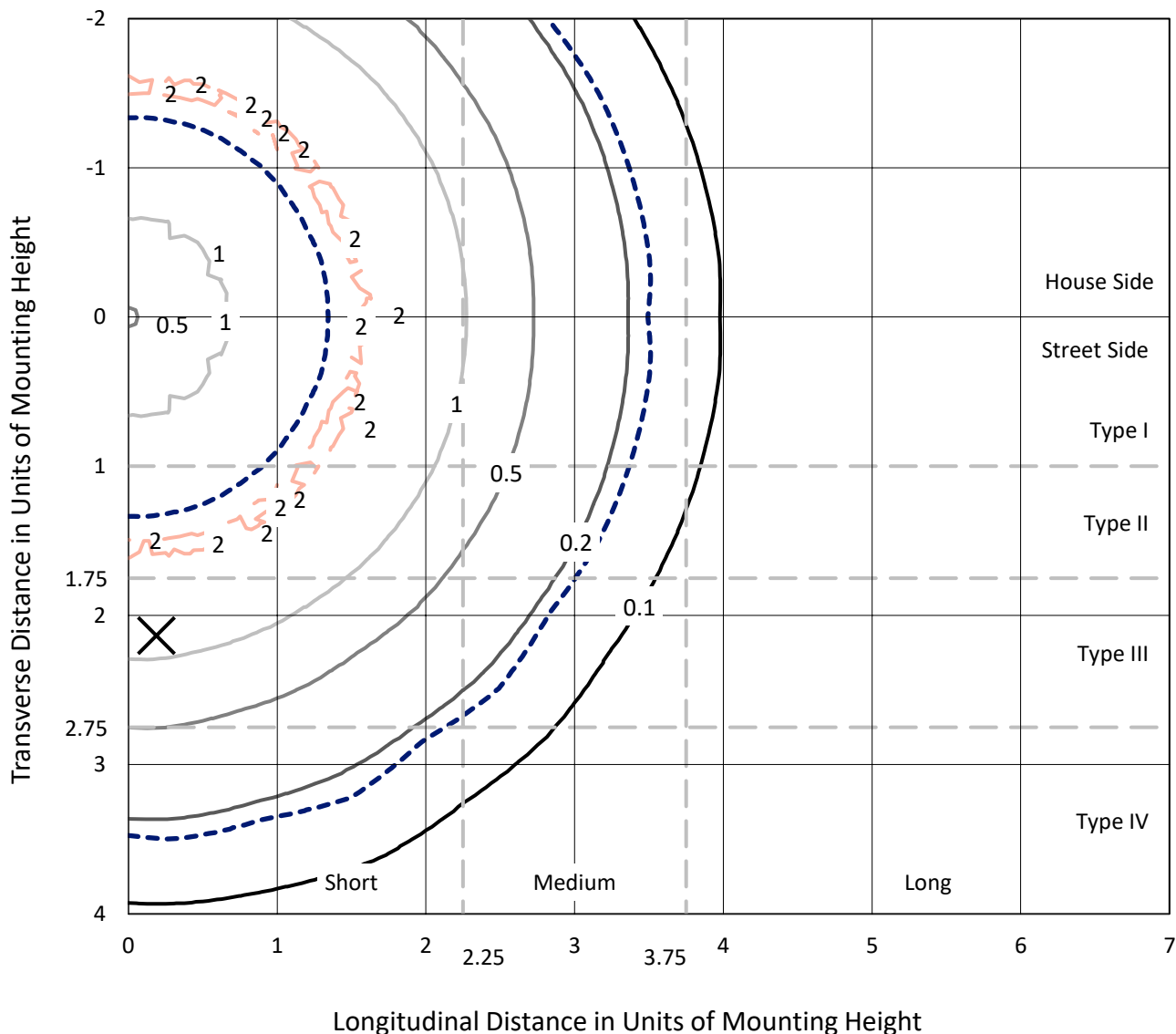
Lumens per Lamp: N/A
Luminaire Lumens: 11257.4 lumens
Efficiency: N/A
Efficacy: 160.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type V - Short
BUG Rating: B4 - U5 - G3

Input Watts (W): 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

REPORT NUMBER: P856095
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Iso-Footcandle Lines of Horizontal Illumination

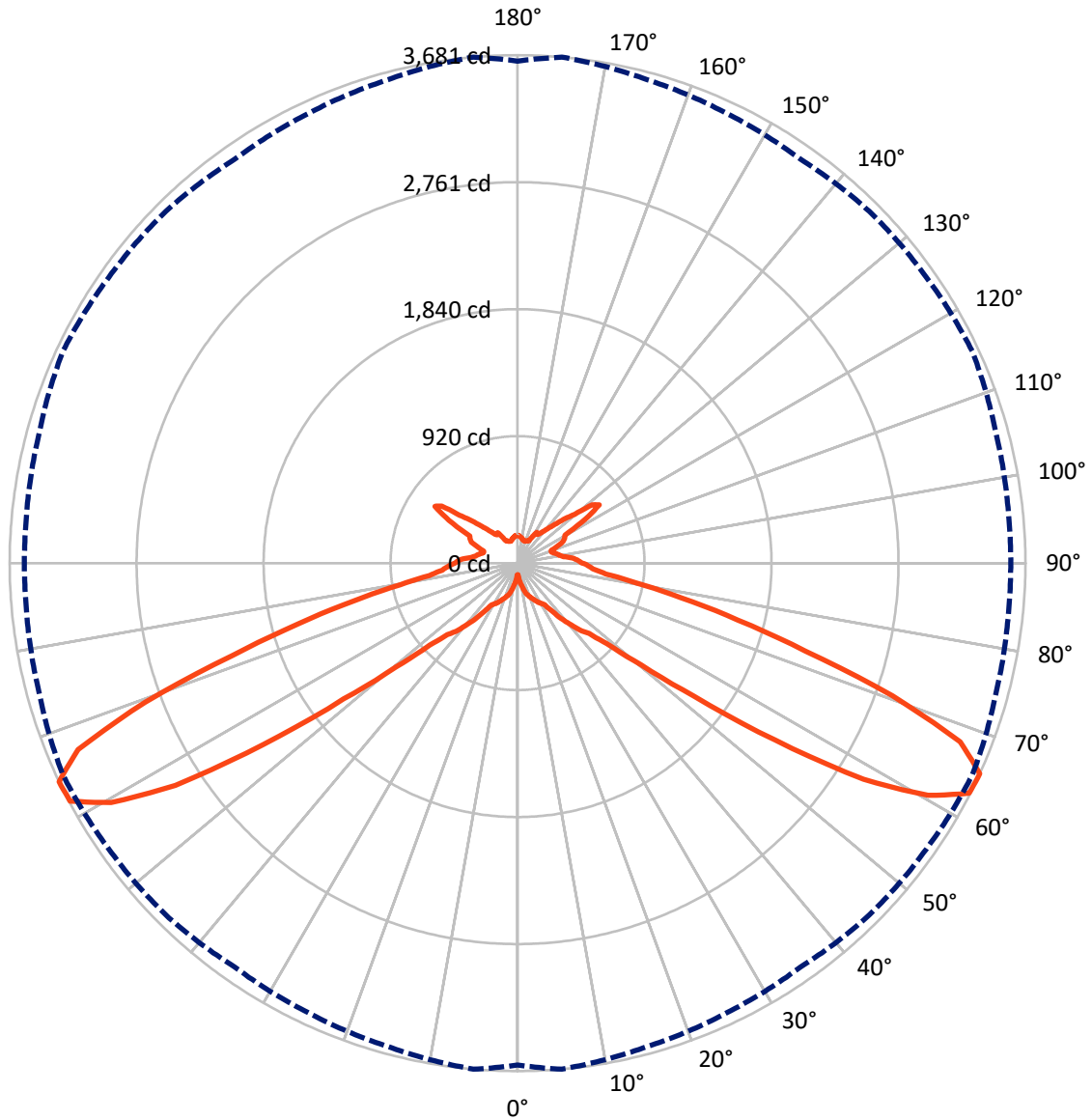
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 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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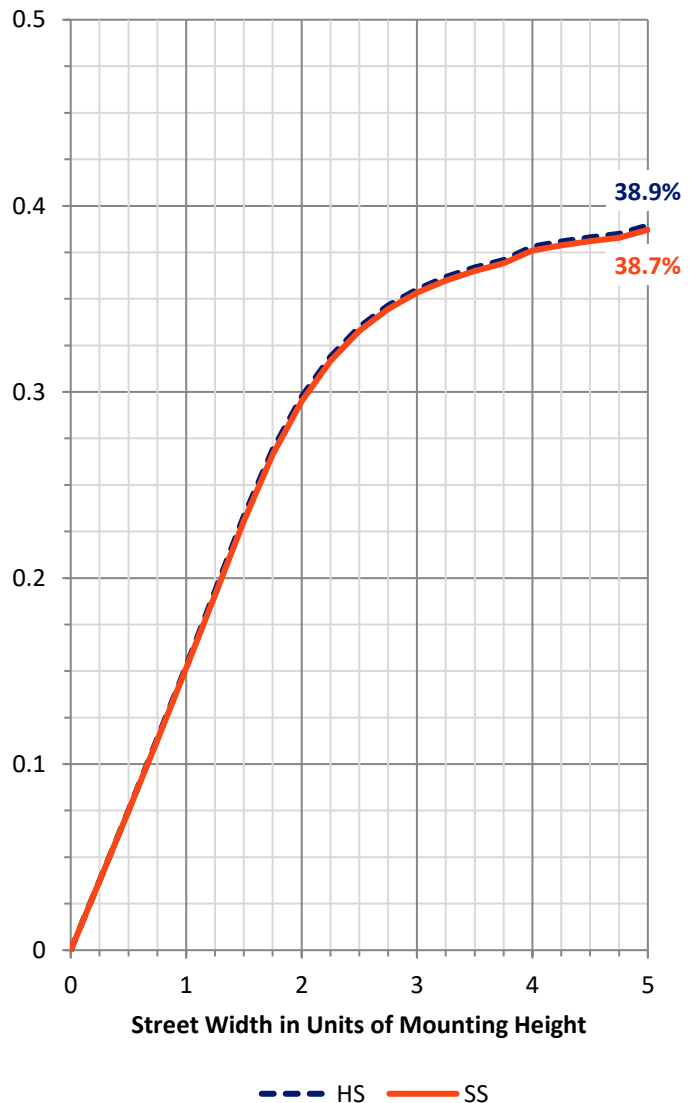
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4536.2	1092.5	5628.7
	% Fixture	40.3	9.7	50.0
Street Side	Lumens	4536.2	1092.5	5628.7
	% Fixture	40.3	9.7	50.0
Total	Lumens	9072.5	2184.9	11257.4
	% Fixture	80.6	19.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.8	0.1
10°-20°	64.3	0.6
20°-30°	139.7	1.2
30°-40°	277.2	2.5
40°-50°	601.2	5.3
50°-60°	2070.4	18.4
60°-70°	3400.4	30.2
70°-80°	1825.1	16.2
80°-90°	681.5	6.1
90°-100°	430.5	3.8
100°-110°	288.3	2.6
110°-120°	316.9	2.8
120°-130°	524.3	4.7
130°-140°	308.8	2.7
140°-150°	163.4	1.5
150°-160°	85.8	0.8
160°-170°	48.7	0.4
170°-180°	18.3	0.2
0°-90°	9072.5	80.6
0°-180°	11257.4	100.0

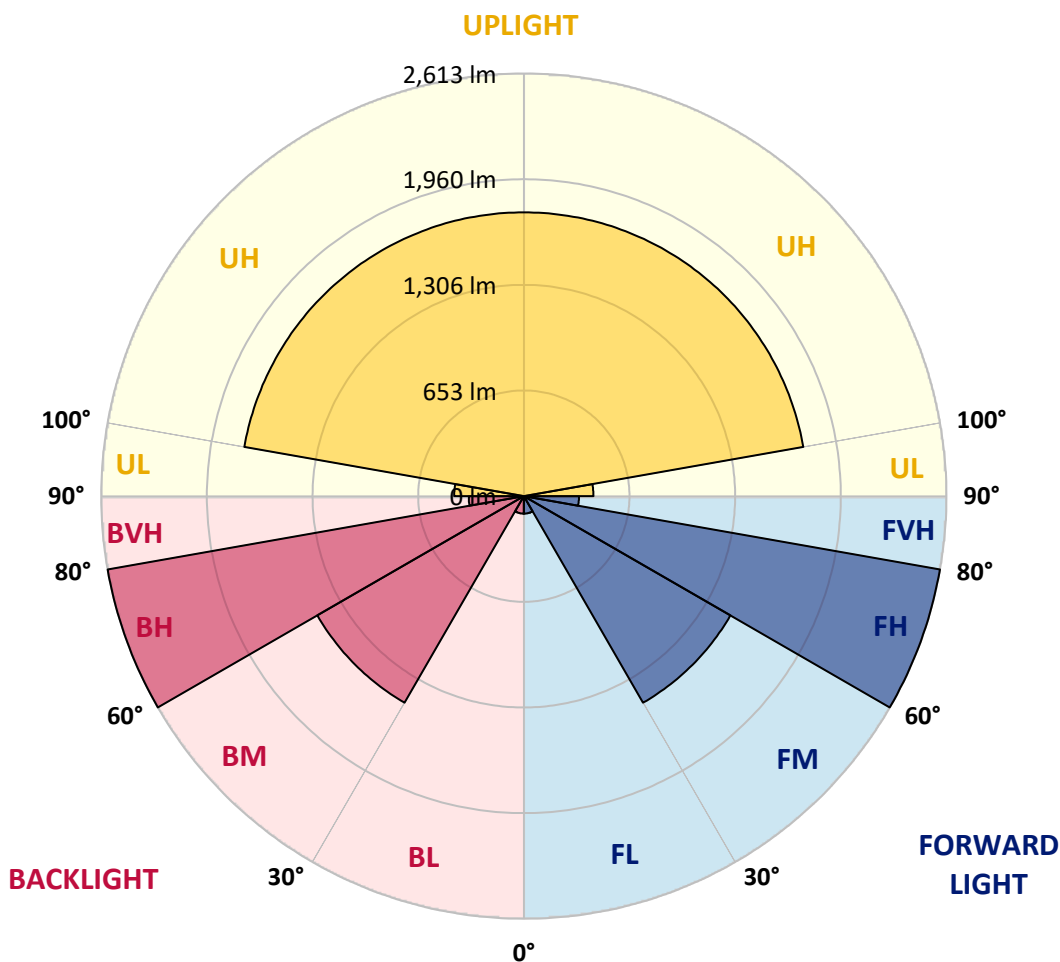


REPORT NUMBER: P856095
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	108.4	1.0			
FM (30°-60°)	1474.4	13.1			
FH (60°-80°)	2612.7	23.2			G2/5000
FVH (80°-90°)	340.8	3.0			G3/500
BL (0°-30°)	108.4	1.0	B0/110		
BM (30°-60°)	1474.4	13.1	B2/2500		
BH (60°-80°)	2612.7	23.2	B4/5000		G2/5000
BVH (80°-90°)	340.8	3.0			G3/500
UL (90°-100°)	430.5	3.8		U3/500	
UH (100°-180°)	1754.4	15.6		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°	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
2.5°	88.4	88.4	87.2	86.1	87.2	88.4	88.4	89.5	87.2	87.2	88.4
5°	118.2	118.2	118.2	117.0	114.7	114.7	113.6	117.0	118.2	119.3	119.3
7.5°	146.9	145.7	148.0	149.2	143.4	141.1	141.1	142.3	144.6	146.9	149.2
10°	166.4	165.2	166.4	171.0	169.8	166.4	166.4	166.4	169.8	175.6	176.7
12.5°	196.2	196.2	198.5	201.9	203.1	199.7	197.4	197.4	201.9	203.1	201.9
15°	228.3	228.3	227.2	226.0	227.2	226.0	226.0	227.2	230.6	229.5	229.5
17.5°	245.5	244.4	243.3	244.4	244.4	243.3	244.4	246.7	245.5	249.0	250.1
20°	263.9	263.9	261.6	261.6	261.6	262.8	263.9	262.8	263.9	265.1	266.2
22.5°	281.1	281.1	280.0	278.8	280.0	281.1	282.3	280.0	280.0	282.3	282.3
25°	300.6	300.6	300.6	297.2	298.3	299.5	298.3	297.2	298.3	299.5	300.6
27.5°	322.4	322.4	320.1	316.7	317.8	317.8	319.0	316.7	319.0	319.0	319.0
30°	340.8	338.5	337.3	335.0	335.0	337.3	339.6	336.2	337.3	337.3	338.5
32.5°	358.0	358.0	356.8	352.3	351.1	358.0	360.3	359.1	354.6	355.7	356.8
35°	422.3	422.3	414.2	406.2	413.1	411.9	421.1	421.1	421.1	423.4	428.0
37.5°	502.6	506.0	518.6	537.0	537.0	510.6	496.8	495.7	514.0	530.1	529.0
40°	573.7	577.2	573.7	576.0	573.7	574.9	576.0	573.7	563.4	559.9	553.1
42.5°	662.1	663.2	641.4	616.2	618.5	631.1	646.0	647.1	625.3	615.0	612.7
45°	724.0	726.3	718.3	714.8	714.8	719.4	718.3	718.3	710.3	709.1	706.8
47.5°	875.5	870.9	854.8	849.1	856.0	852.5	874.3	868.6	859.4	859.4	867.5
50°	1161.2	1156.6	1157.7	1152.0	1170.4	1144.0	1170.4	1163.5	1149.7	1156.6	1162.3
52.5°	1628.2	1599.5	1602.9	1591.5	1623.6	1599.5	1643.1	1637.4	1592.6	1612.1	1613.3
55°	2300.6	2263.9	2261.6	2184.7	2244.4	2252.4	2307.5	2321.2	2234.0	2235.2	2240.9
57.5°	2967.2	2955.8	2992.5	2944.3	2986.7	2967.2	2966.1	2991.3	2940.8	2947.7	2966.1
60°	3409.0	3418.2	3459.5	3472.1	3487.0	3459.5	3403.3	3414.7	3411.3	3469.8	3474.4
62.5°	3645.4	3672.9	3643.1	3633.9	3621.3	3631.6	3624.7	3631.6	3610.9	3638.5	3639.6
65°	3637.3	3680.9	3627.0	3593.7	3573.1	3605.2	3614.4	3635.0	3591.4	3574.2	3574.2
67.5°	3406.7	3459.5	3374.6	3371.1	3320.6	3374.6	3359.6	3375.7	3341.3	3317.2	3294.2
70°	2834.1	2882.3	2780.2	2792.8	2705.6	2794.0	2771.0	2800.9	2773.3	2726.3	2698.7
72.5°	2135.4	2177.8	2102.1	2121.6	2064.2	2130.8	2095.2	2145.7	2128.5	2107.8	2084.9
75°	1615.6	1648.8	1653.4	1718.8	1650.0	1682.1	1617.9	1647.7	1676.4	1700.5	1675.2
77.5°	1188.7	1211.7	1280.5	1352.8	1285.1	1308.1	1243.8	1272.5	1298.9	1340.2	1321.8
80°	839.9	866.3	929.4	983.3	934.0	954.7	913.3	929.4	950.1	979.9	960.4
82.5°	654.0	644.9	642.6	628.8	613.9	665.5	675.8	685.0	665.5	657.5	648.3
85°	548.5	550.8	564.5	581.7	581.7	582.9	572.6	577.2	585.2	600.1	601.2
87.5°	503.7	510.6	549.6	563.4	557.6	559.9	550.8	553.1	558.8	566.8	564.5
90°	444.1	461.3	498.0	511.7	502.6	507.2	502.6	506.0	501.4	503.7	499.1
92.5°	433.7	432.6	444.1	442.9	437.2	450.9	450.9	453.2	447.5	444.1	441.8
95°	401.6	399.3	398.2	401.6	389.0	399.3	397.0	401.6	399.3	399.3	394.7
97.5°	336.2	336.2	333.9	337.3	329.3	333.9	328.2	331.6	330.5	331.6	328.2
100°	309.8	309.8	307.5	307.5	304.1	305.2	302.9	302.9	301.8	300.6	300.6
102.5°	291.4	293.7	290.3	291.4	286.9	286.9	284.6	285.7	284.6	284.6	283.4
105°	274.2	275.4	273.1	273.1	269.6	268.5	266.2	267.3	268.5	266.2	266.2
107.5°	257.0	258.2	257.0	257.0	253.6	251.3	247.8	247.8	249.0	250.1	250.1
110°	263.9	260.5	257.0	254.7	259.3	252.4	250.1	249.0	250.1	253.6	254.7



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 CATALOG NUMBER: FFX-CLB-70-750-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	315.5	313.2	313.2	302.9	314.4	307.5	302.9	294.9	298.3	300.6	300.6
115°	366.0	367.2	353.4	348.8	341.9	340.8	344.2	335.0	333.9	335.0	332.8
117.5°	410.8	386.7	335.0	321.3	317.8	315.5	313.2	311.0	308.7	322.4	307.5
120°	439.5	398.2	360.3	352.3	371.8	344.2	325.9	322.4	329.3	353.4	350.0
122.5°	623.0	587.5	559.9	511.7	559.9	532.4	539.3	526.7	519.8	506.0	508.3
125°	728.6	727.5	714.8	705.7	717.1	706.8	695.3	690.7	683.9	687.3	681.6
127.5°	677.0	687.3	671.2	689.6	648.3	659.8	657.5	665.5	658.6	660.9	651.7
130°	535.8	543.9	529.0	519.8	501.4	522.1	523.2	535.8	522.1	503.7	501.4
132.5°	468.1	473.9	450.9	439.5	426.8	445.2	453.2	460.1	450.9	431.4	426.8
135°	398.2	400.5	384.4	386.7	378.6	378.6	377.5	380.9	385.5	382.1	379.8
137.5°	341.9	347.7	341.9	348.8	341.9	336.2	327.0	330.5	340.8	348.8	347.7
140°	296.0	301.8	302.9	309.8	296.0	298.3	292.6	294.9	300.6	308.7	312.1
142.5°	262.8	267.3	257.0	251.3	246.7	260.5	270.8	271.9	265.1	255.9	259.3
145°	255.9	251.3	255.9	251.3	255.9	253.6	254.7	253.6	253.6	253.6	253.6
147.5°	259.3	263.9	263.9	263.9	257.0	258.2	259.3	260.5	260.5	265.1	263.9
150°	215.7	221.5	220.3	226.0	215.7	218.0	219.2	221.5	222.6	223.7	224.9
152.5°	182.4	183.6	187.0	189.3	188.2	187.0	185.9	185.9	188.2	190.5	191.6
155°	177.9	177.9	181.3	184.7	181.3	181.3	180.1	180.1	181.3	184.7	184.7
157.5°	171.0	172.1	172.1	174.4	172.1	173.3	172.1	172.1	173.3	174.4	175.6
160°	167.5	168.7	168.7	168.7	168.7	168.7	168.7	168.7	168.7	169.8	169.8
162.5°	167.5	167.5	167.5	166.4	166.4	167.5	167.5	167.5	167.5	166.4	167.5
165°	171.0	169.8	168.7	167.5	168.7	171.0	172.1	172.1	171.0	168.7	169.8
167.5°	177.9	177.9	176.7	175.6	176.7	177.9	179.0	179.0	177.9	176.7	176.7
170°	184.7	183.6	183.6	183.6	183.6	183.6	183.6	183.6	183.6	183.6	183.6
172.5°	189.3	189.3	190.5	189.3	190.5	190.5	189.3	189.3	189.3	189.3	190.5
175°	196.2	196.2	196.2	196.2	197.4	197.4	197.4	197.4	197.4	197.4	197.4
177.5°	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8
180°	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9

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.

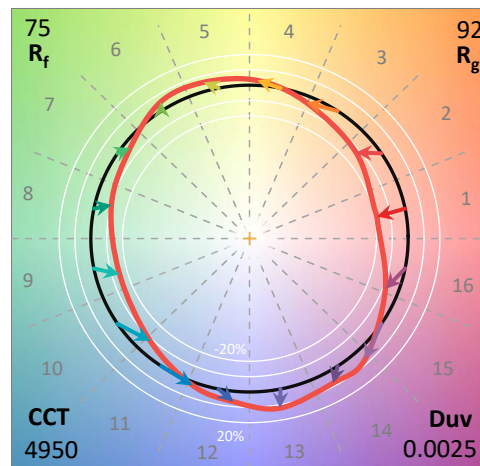
Test Information

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

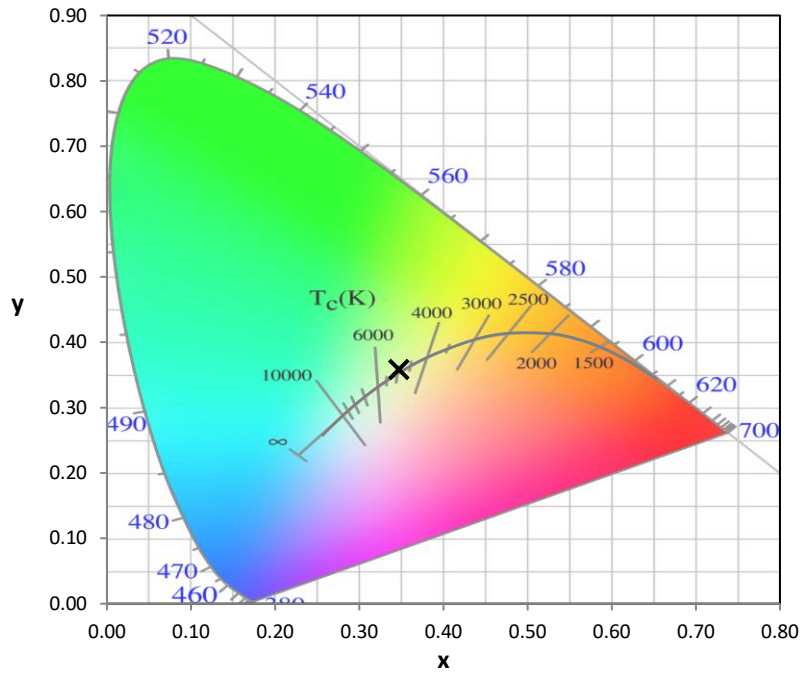
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-5

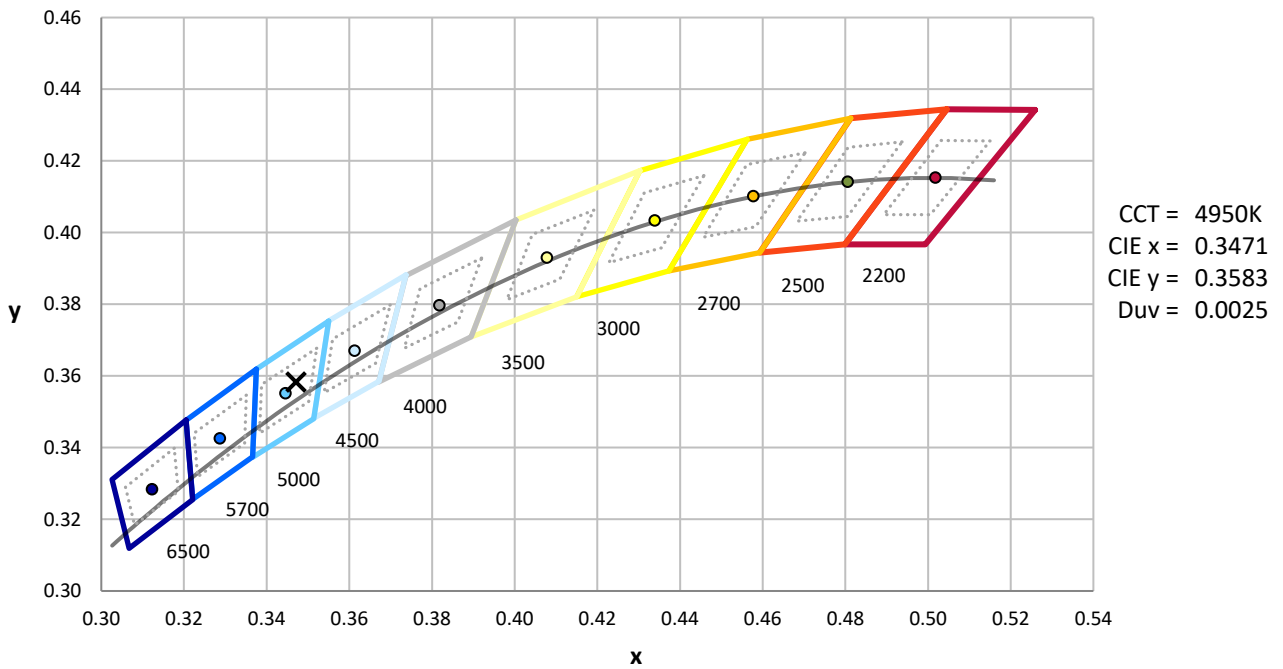
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



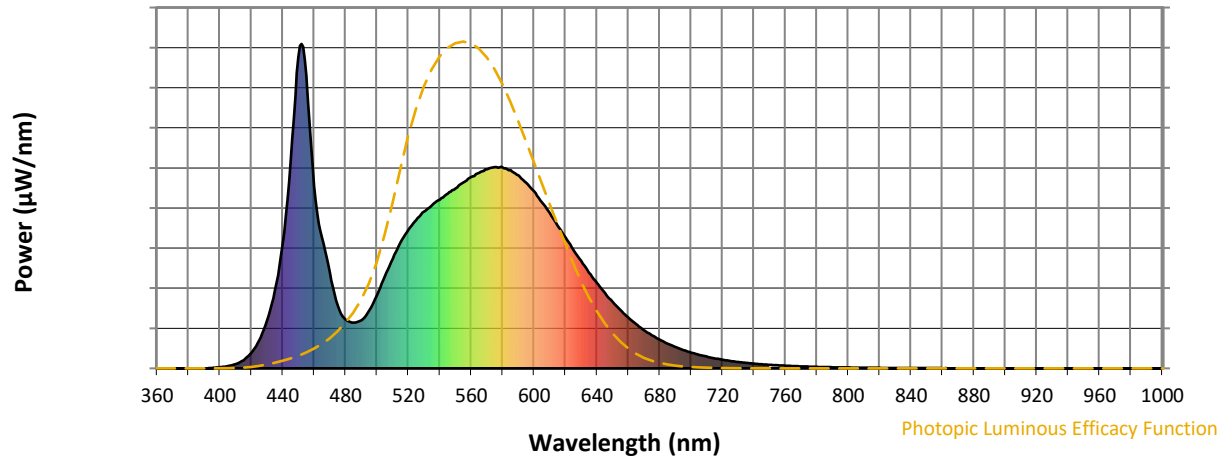
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

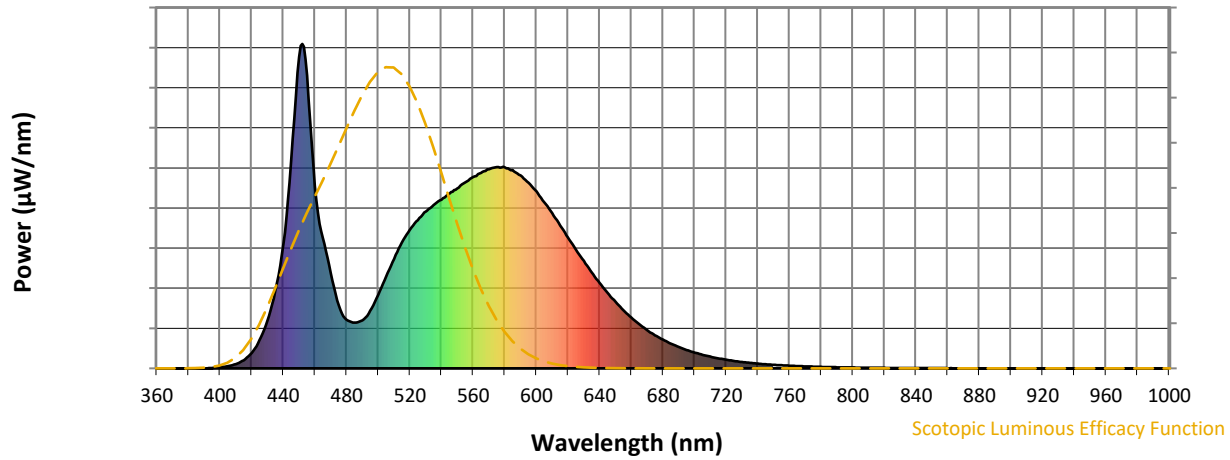


Photopic Lumens: NR

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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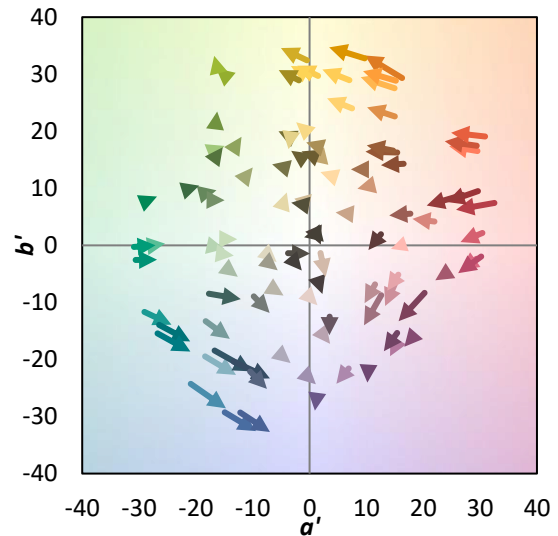
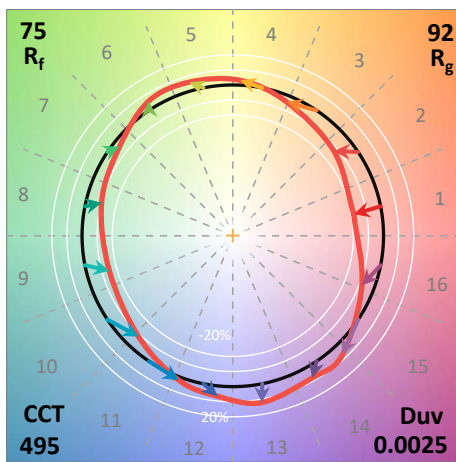
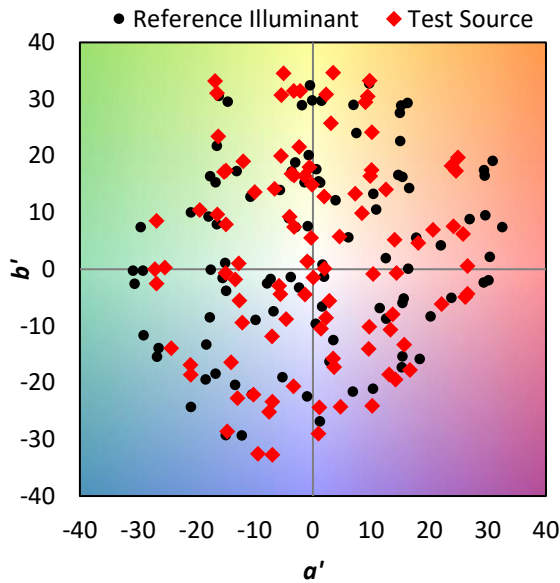
TM-30-18

Summary

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



Color Vector Graphics

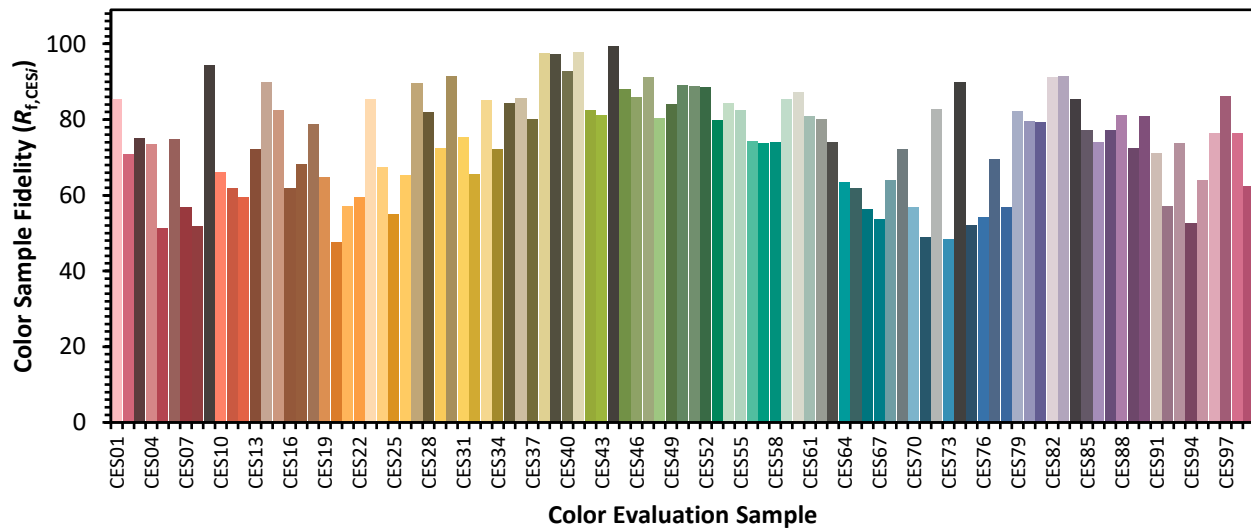


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Individual Sample Fidelity Index ($R_{f,i}$)

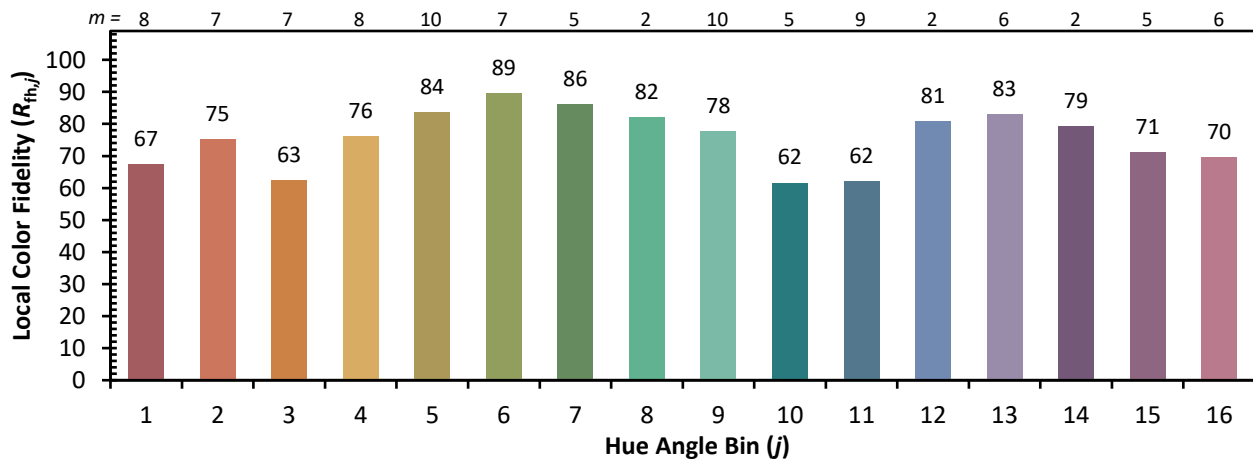
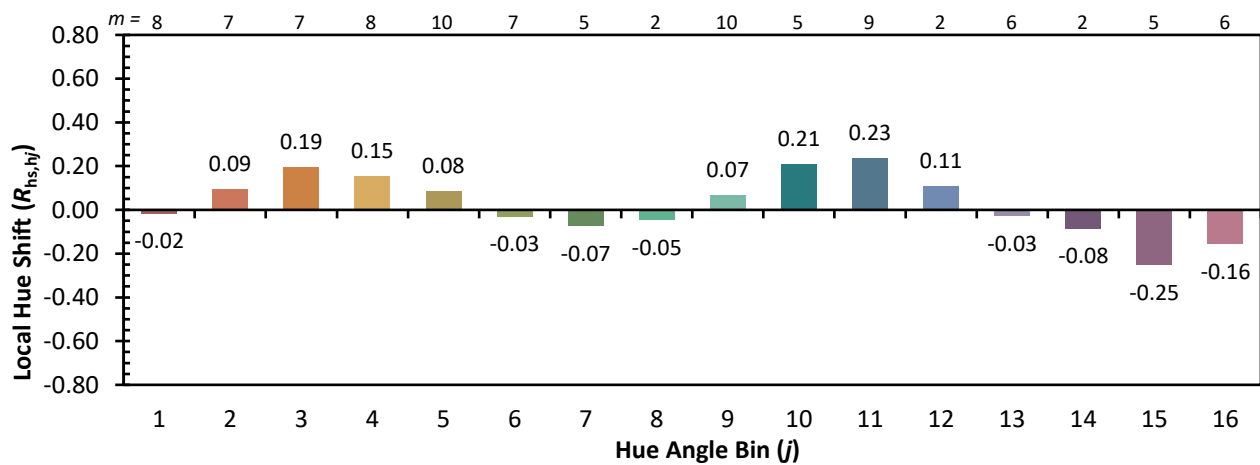
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CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 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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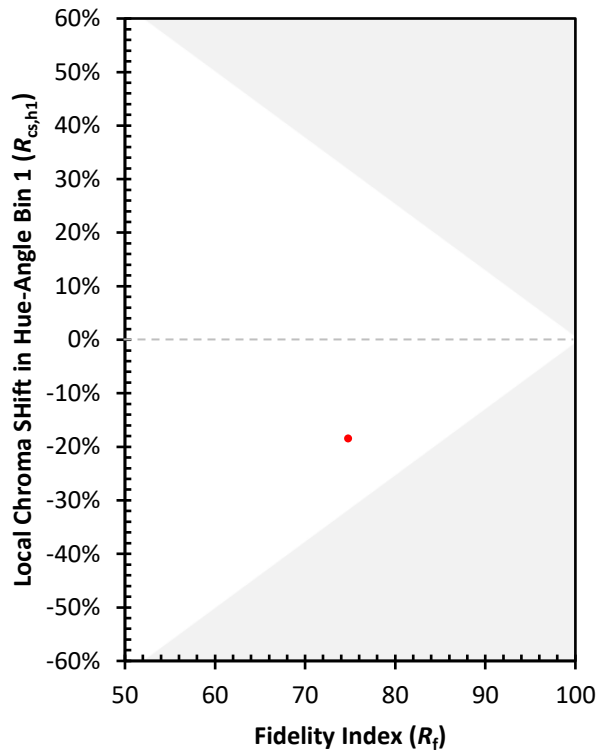
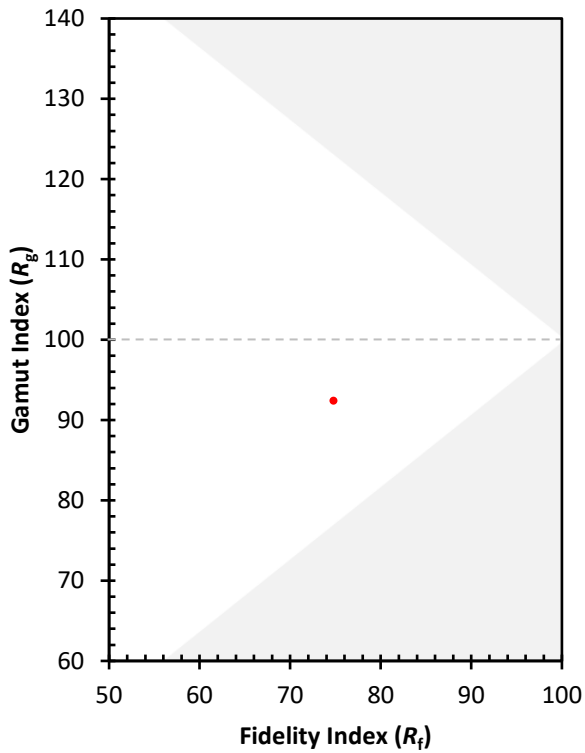
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)