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: P981119

Luminaire Tested: **FFX-CLB-90-740-U-FR-T5-UPLR**

Issue Date: 04/15/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P981119
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-740-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14337.6 lumens
Efficiency:	N/A
Efficacy:	158.3 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

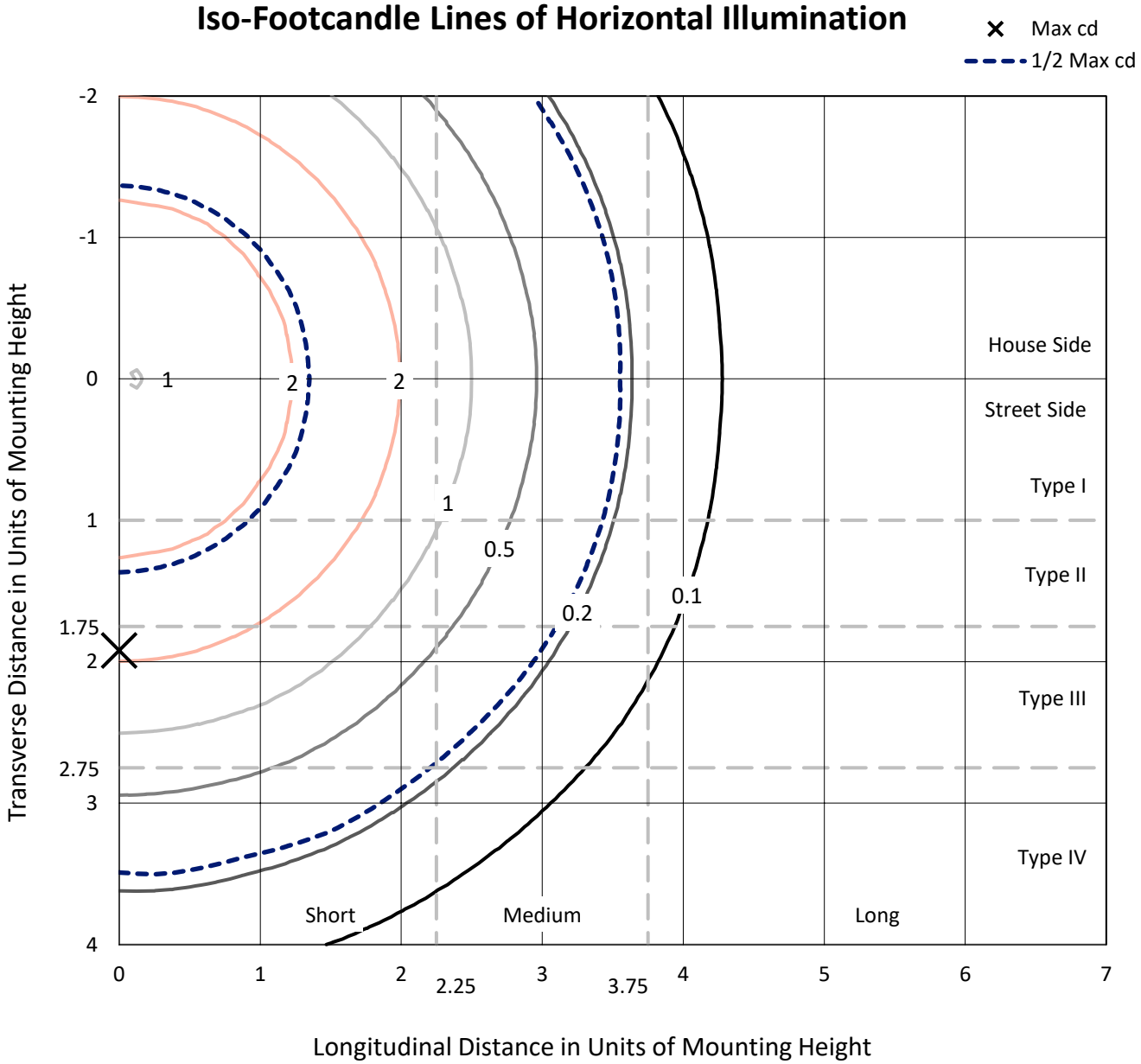
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981119
CATALOG NUMBER: FFX-CLB-90-740-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



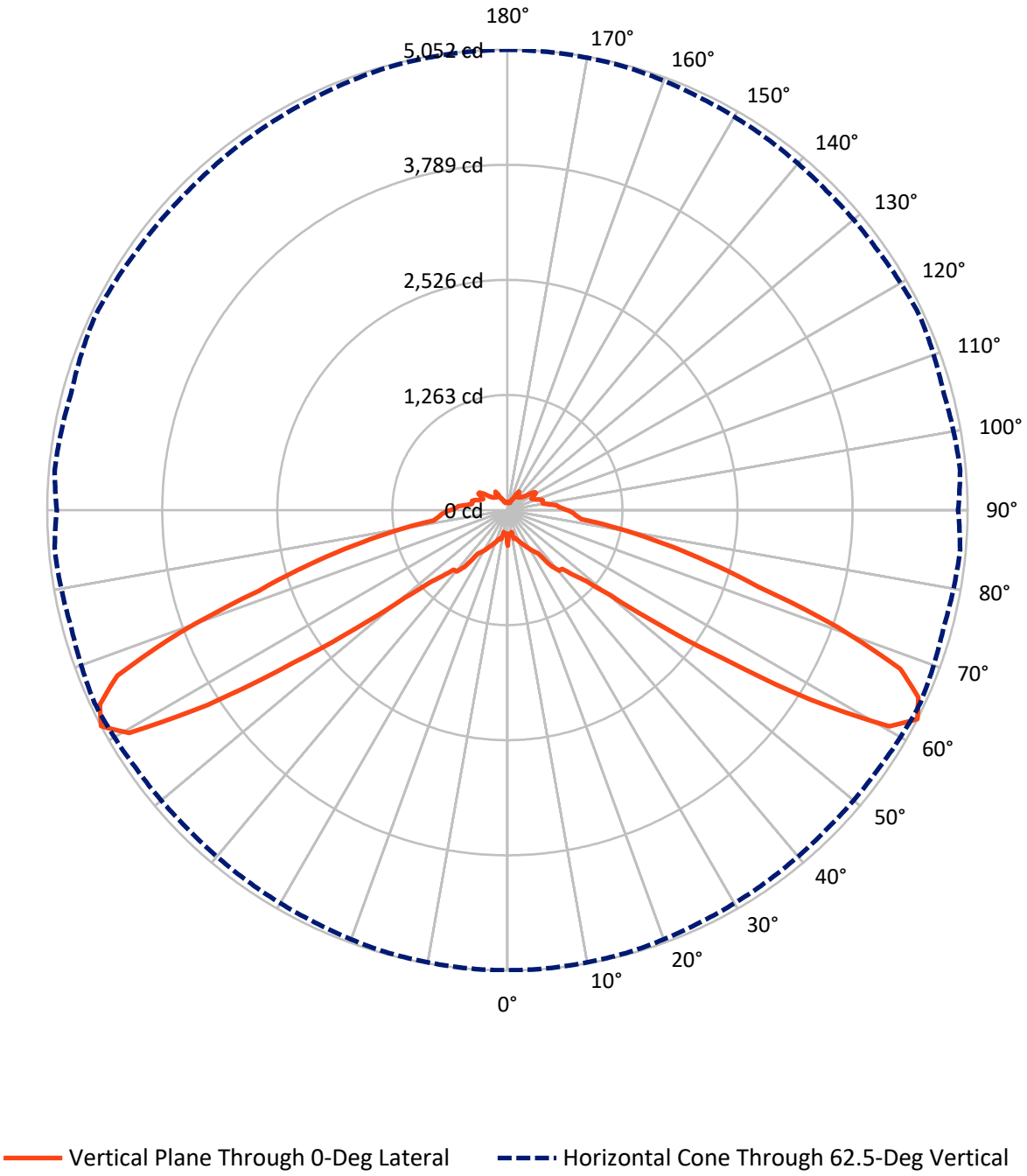
Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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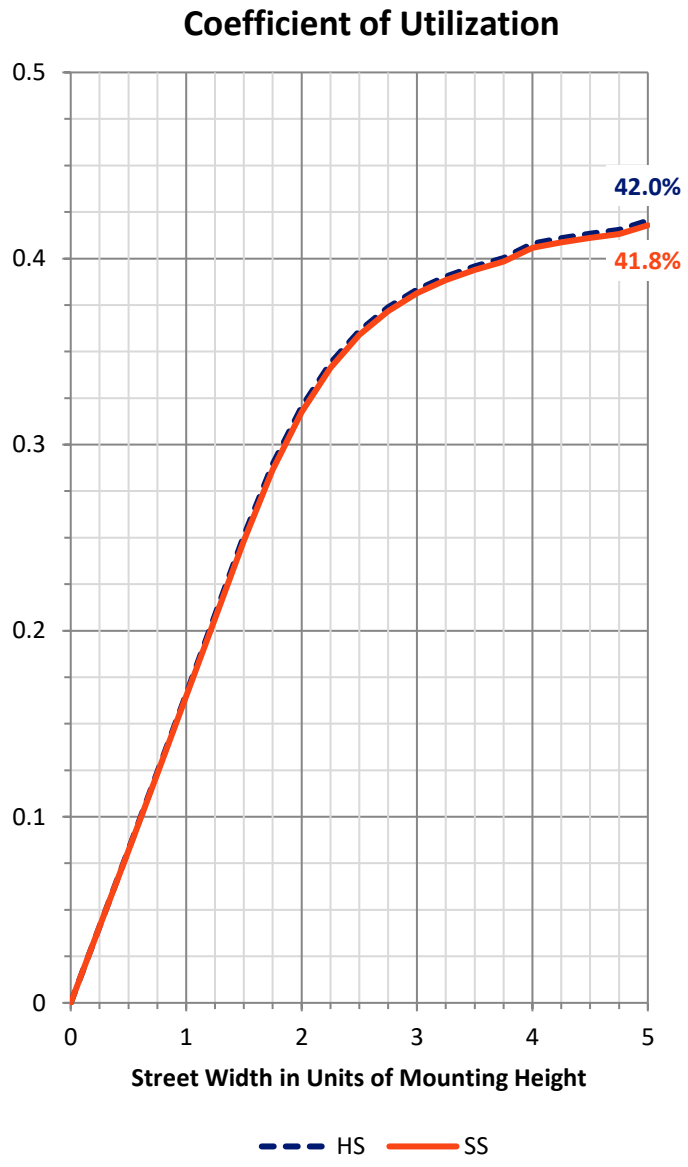
REPORT NUMBER: P981119
CATALOG NUMBER: FFX-CLB-90-740-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6240.3	928.4	7168.8
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	6240.3	928.4	7168.8
	% Fixture	43.5	6.5	50.0
Total	Lumens	12480.7	1856.9	14337.6
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.5	0.2
10°-20°	90.9	0.6
20°-30°	199.3	1.4
30°-40°	409.5	2.9
40°-50°	845.5	5.9
50°-60°	2761.7	19.3
60°-70°	4656.3	32.5
70°-80°	2534.6	17.7
80°-90°	958.5	6.7
90°-100°	582.6	4.1
100°-110°	367.5	2.6
110°-120°	279.5	1.9
120°-130°	239.0	1.7
130°-140°	160.6	1.1
140°-150°	132.2	0.9
150°-160°	62.5	0.4
160°-170°	24.8	0.2
170°-180°	8.2	0.1
0°-90°	12480.7	87.0
0°-180°	14337.6	100.0



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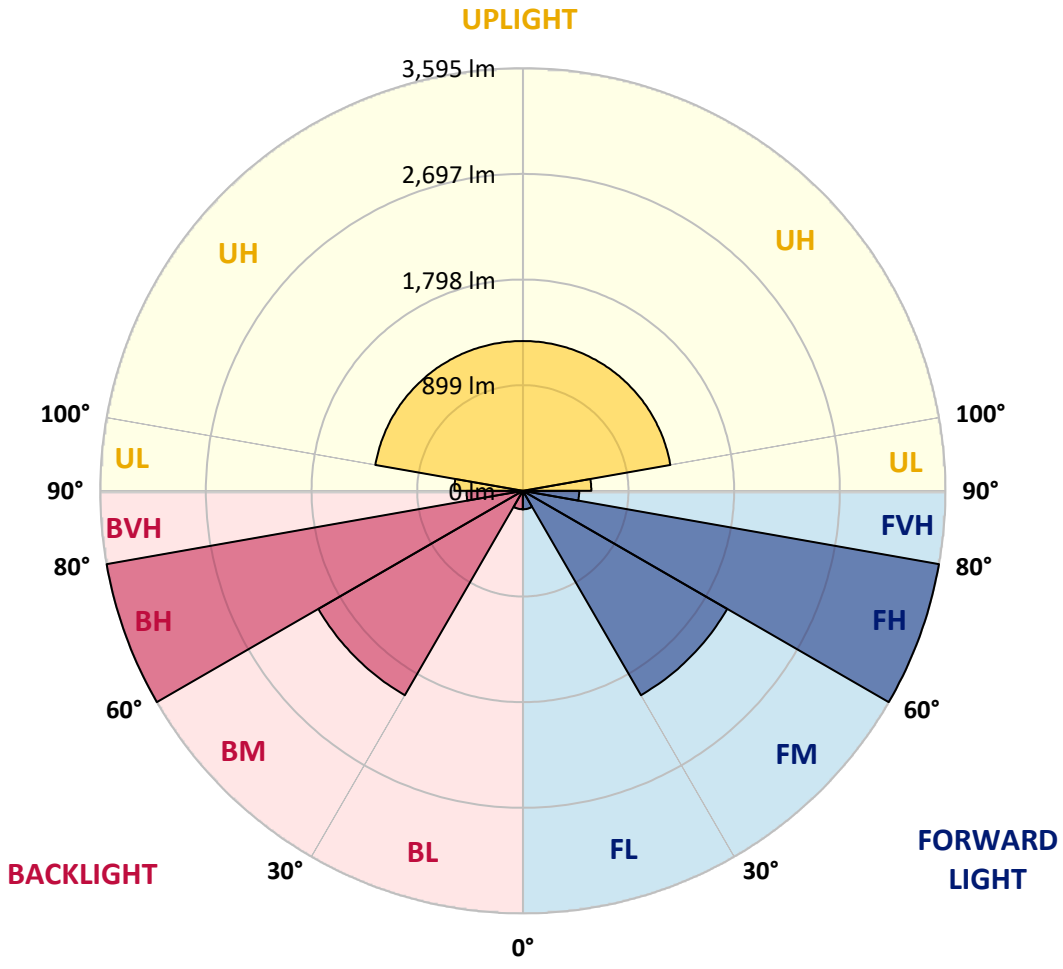
Scaled Data Report

REPORT NUMBER: P981119
CATALOG NUMBER: FFX-CLB-90-740-U-FR-T5-UPLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	157.3	1.1			
FM	(30°-60°)	2008.3	14.0			
FH	(60°-80°)	3595.4	25.1			G2/5000
FVH	(80°-90°)	479.3	3.3			G3/500
BL	(0°-30°)	157.3	1.1	B1/500		
BM	(30°-60°)	2008.3	14.0	B2/2500		
BH	(60°-80°)	3595.4	25.1	B4/5000		G2/5000
BVH	(80°-90°)	479.3	3.3			G3/500
UL	(90°-100°)	582.6	4.1		U4/1000	
UH	(100°-180°)	1274.2	8.9		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°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4
2.5°	260.0	270.4	328.0	375.3	374.3	341.3	298.7	302.5	328.0	350.7	356.4
5°	261.8	258.1	255.2	243.9	240.1	245.8	242.0	230.7	225.9	226.9	244.8
7.5°	272.2	267.5	240.1	219.3	216.5	228.8	255.2	255.2	226.9	205.1	204.2
10°	244.8	243.9	253.3	262.8	265.6	254.3	242.9	237.3	235.4	233.5	231.6
12.5°	323.3	319.5	299.7	287.4	285.5	291.2	299.7	296.8	282.6	275.1	275.1
15°	321.4	323.3	326.1	321.4	320.5	321.4	326.1	323.3	318.6	312.9	312.9
17.5°	339.4	340.3	341.3	343.1	341.3	338.4	338.4	337.5	338.4	340.3	340.3
20°	366.8	367.7	367.7	367.7	366.8	361.1	361.1	362.1	361.1	363.0	362.1
22.5°	397.0	396.1	396.1	396.1	393.2	388.5	387.6	388.5	385.7	385.7	385.7
25°	426.3	428.2	431.1	430.1	425.4	421.6	418.8	419.7	417.8	417.8	417.8
27.5°	463.2	461.3	467.0	465.1	460.4	460.4	457.5	457.5	454.7	453.7	452.8
30°	504.8	503.8	503.8	504.8	502.9	501.0	501.0	499.1	494.4	495.3	497.2
32.5°	545.4	544.5	542.6	543.6	542.6	539.8	544.5	544.5	542.6	543.6	549.2
35°	585.1	590.8	604.0	613.5	616.3	615.4	619.2	625.8	621.1	618.2	621.1
37.5°	774.2	770.4	756.2	747.7	749.6	754.4	744.0	736.4	731.7	730.7	735.4
40°	873.5	869.7	848.9	850.8	836.6	841.3	846.0	852.7	847.9	837.5	837.5
42.5°	882.0	882.9	912.2	956.6	943.4	915.1	888.6	901.8	921.7	934.0	938.7
45°	1012.4	1024.7	1024.7	1027.5	1028.5	1029.4	1010.5	1019.0	1035.1	1055.0	1054.0
47.5°	1162.7	1170.3	1175.0	1180.7	1177.8	1180.7	1205.3	1198.6	1216.6	1214.7	1212.8
50°	1477.5	1509.7	1515.3	1537.1	1523.8	1526.7	1572.0	1575.8	1575.8	1573.0	1576.8
52.5°	2096.7	2125.0	2120.3	2072.1	2095.7	2138.3	2187.4	2152.5	2202.6	2178.0	2166.6
55°	2883.2	2884.1	2915.3	2982.4	3013.6	2980.5	3007.0	2941.8	3051.4	3064.7	3031.6
57.5°	3926.8	3946.6	3953.3	3970.3	3945.7	3941.9	3960.8	3920.2	3971.2	3921.1	3941.0
60°	4819.2	4793.6	4720.9	4617.8	4629.2	4669.8	4743.5	4718.0	4682.1	4612.1	4596.1
62.5°	5051.7	5047.9	5032.8	4995.0	4972.3	4954.3	4963.8	5002.6	4957.2	4988.4	4946.8
65°	4956.2	4953.4	4967.6	5000.7	4976.1	4915.6	4862.6	4926.0	4897.6	5001.6	4971.4
67.5°	4650.9	4638.6	4624.4	4685.9	4647.1	4560.2	4521.4	4527.1	4510.0	4614.0	4583.8
70°	3836.0	3816.2	3842.7	3940.0	3884.3	3806.7	3762.3	3781.2	3785.9	3852.1	3862.5
72.5°	2874.7	2899.3	2925.7	2990.9	2977.7	2935.2	2959.7	2988.1	3015.5	3040.1	3029.7
75°	2275.3	2304.7	2251.7	2283.9	2272.5	2305.6	2328.3	2341.5	2338.7	2313.2	2301.8
77.5°	1729.9	1753.5	1741.3	1731.8	1740.3	1773.4	1845.2	1836.7	1796.1	1752.6	1761.1
80°	1244.0	1285.6	1290.3	1286.6	1304.5	1309.2	1369.7	1353.7	1320.6	1319.6	1329.1
82.5°	814.9	833.8	893.3	946.3	960.4	936.8	976.5	991.6	1000.1	1001.1	998.2
85°	754.4	775.2	761.0	789.3	795.9	802.6	809.2	814.9	824.3	832.8	836.6
87.5°	712.8	746.8	744.9	763.8	761.9	775.2	787.4	791.2	779.9	767.6	763.8
90°	637.1	664.5	674.9	686.3	692.0	690.1	700.5	700.5	692.9	687.2	685.3
92.5°	571.9	587.0	596.5	610.7	614.4	612.6	623.0	618.2	619.2	621.1	623.0
95°	540.7	547.3	544.5	550.2	542.6	536.0	539.8	534.1	531.3	526.5	526.5
97.5°	451.9	450.9	450.9	452.8	449.0	443.3	446.2	445.2	446.2	446.2	442.4
100°	396.1	395.1	389.5	388.5	387.6	385.7	382.8	383.8	383.8	382.8	383.8
102.5°	395.1	386.6	374.3	361.1	361.1	358.3	359.2	358.3	357.3	351.7	348.8
105°	402.7	389.5	368.7	342.2	338.4	339.4	342.2	341.3	337.5	331.8	328.0
107.5°	372.5	357.3	345.0	328.0	323.3	322.3	324.2	325.2	321.4	313.8	308.2
110°	329.9	324.2	318.6	312.0	307.2	306.3	306.3	306.3	302.5	299.7	293.0

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CATALOG NUMBER: FFX-CLB-90-740-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*311.0*	304.4	297.8	292.1	289.3	288.3	286.4	284.5	281.7	278.9	275.1
115°	*293.0*	293.0	288.3	267.5	262.8	261.8	260.9	260.9	260.9	260.9	260.0
117.5°	*317.6*	314.8	296.8	270.4	261.8	257.1	253.3	255.2	254.3	260.9	259.0
120°	*363.9*	343.1	304.4	285.5	277.9	274.1	275.1	276.0	275.1	273.2	269.4
122.5°	*360.2*	337.5	313.8	299.7	291.2	290.2	294.0	293.0	284.5	271.3	260.9
125°	*316.7*	304.4	290.2	277.0	272.2	270.4	272.2	269.4	263.7	257.1	246.7
127.5°	*245.8*	243.9	236.3	230.7	231.6	234.4	239.2	239.2	236.3	232.5	226.9
130°	*220.3*	218.4	219.3	221.2	220.3	220.3	215.5	211.7	218.4	224.0	221.2
132.5°	*203.2*	204.2	213.6	227.8	225.0	217.4	206.1	204.2	214.6	225.9	225.0
135°	*195.7*	196.6	204.2	218.4	214.6	205.1	200.4	201.3	207.0	212.7	211.7
137.5°	*195.7*	195.7	193.8	198.5	198.5	198.5	197.6	200.4	204.2	204.2	201.3
140°	*192.8*	194.7	189.1	190.0	192.8	195.7	196.6	200.4	201.3	200.4	196.6
142.5°	*176.8*	178.7	184.3	191.9	193.8	195.7	201.3	200.4	200.4	200.4	198.5
145°	*217.4*	217.4	222.1	228.8	225.9	222.1	224.0	225.0	226.9	228.8	226.9
147.5°	*240.1*	240.1	234.4	232.5	227.8	227.8	233.5	232.5	231.6	229.7	230.7
150°	*198.5*	197.6	192.8	191.0	191.0	189.1	191.9	191.9	189.1	187.2	188.1
152.5°	*141.8*	142.7	140.9	142.7	145.6	148.4	151.2	153.1	153.1	153.1	151.2
155°	*128.6*	126.7	125.7	127.6	128.6	127.6	125.7	125.7	125.7	123.8	122.9
157.5°	*111.5*	110.6	109.7	110.6	110.6	111.5	112.5	113.4	113.4	111.5	110.6
160°	*96.4*	96.4	96.4	97.4	97.4	96.4	95.5	96.4	98.3	98.3	98.3
162.5°	*87.0*	87.9	88.9	90.7	90.7	88.9	87.0	87.0	88.9	90.7	90.7
165°	*80.4*	80.4	82.2	86.0	87.0	84.1	81.3	81.3	84.1	87.9	88.9
167.5°	*80.4*	81.3	84.1	87.0	86.0	83.2	80.4	80.4	83.2	86.0	86.0
170°	*86.0*	86.0	85.1	84.1	83.2	83.2	83.2	84.1	85.1	84.1	84.1
172.5°	*90.7*	89.8	87.0	84.1	83.2	86.0	87.9	87.0	86.0	84.1	84.1
175°	*92.6*	91.7	89.8	87.9	87.9	89.8	90.7	88.9	87.0	86.0	85.1
177.5°	*83.2*	83.2	82.2	82.2	83.2	82.2	82.2	82.2	81.3	80.4	79.4
180°	*71.8*	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2501-332-1

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

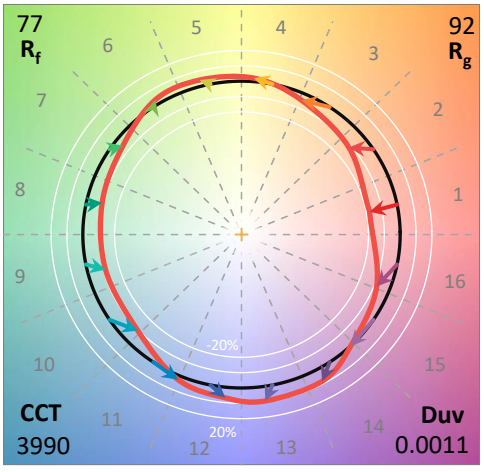
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	03/31/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**FFX-CLB-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3990	CRI (Ra):	73.9		
CIE u':	0.2247	R1:	69.6	R9:	-36.4
CIE v':	0.5031	R2:	83.0	R10:	60.9
Duv:	0.0011	R3:	93.1	R11:	66.8
CIE x:	0.3816	R4:	70.6	R12:	52.5
CIE y:	0.3798	R5:	70.6	R13:	72.5
CIE z:	0.2386	R6:	76.4	R14:	96.4
Peak Wavelength (nm):	450	R7:	79.8	R15:	61.3
Dominant Wavelength (nm):	578	R8:	48.1		
Purity:	28.50862				

Rf:	77.5
Rg:	91.9



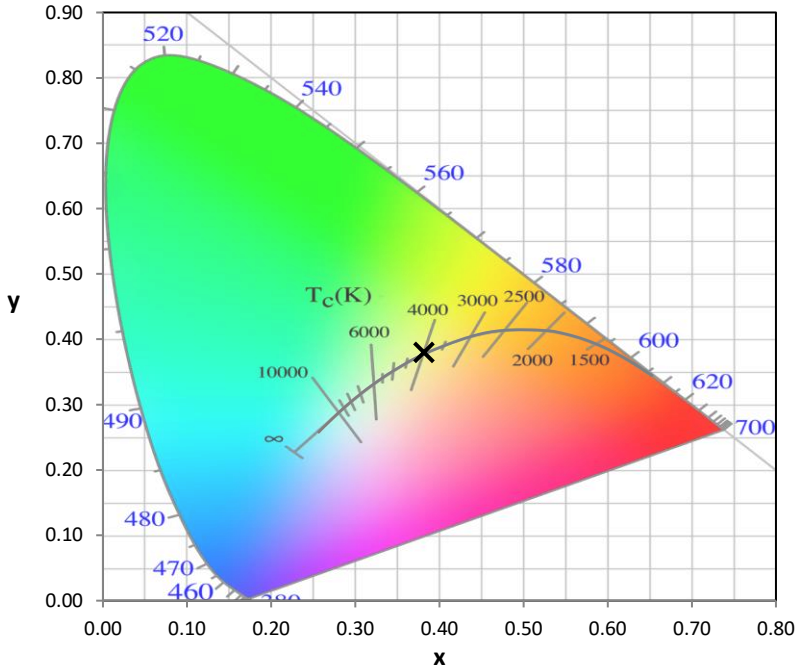
Test Conditions

Stabilization Time:	70M
Operation Time:	2H 10M
Sphere Temperature (°C):	25.0

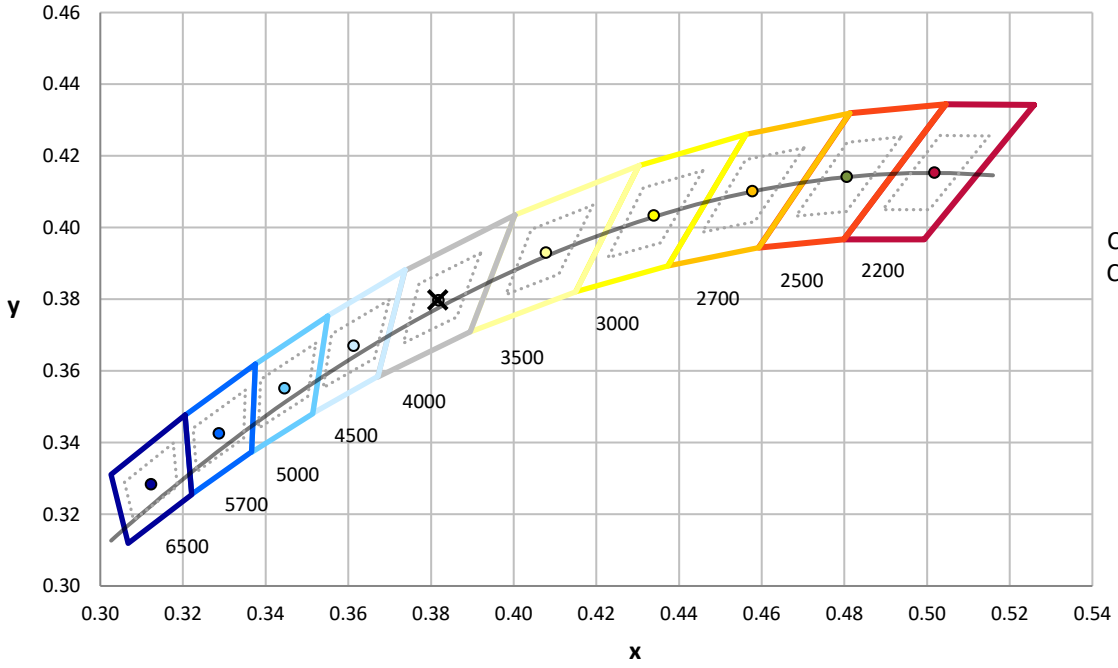
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2501-332-1

CIE 1931 Chromaticity Diagram



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

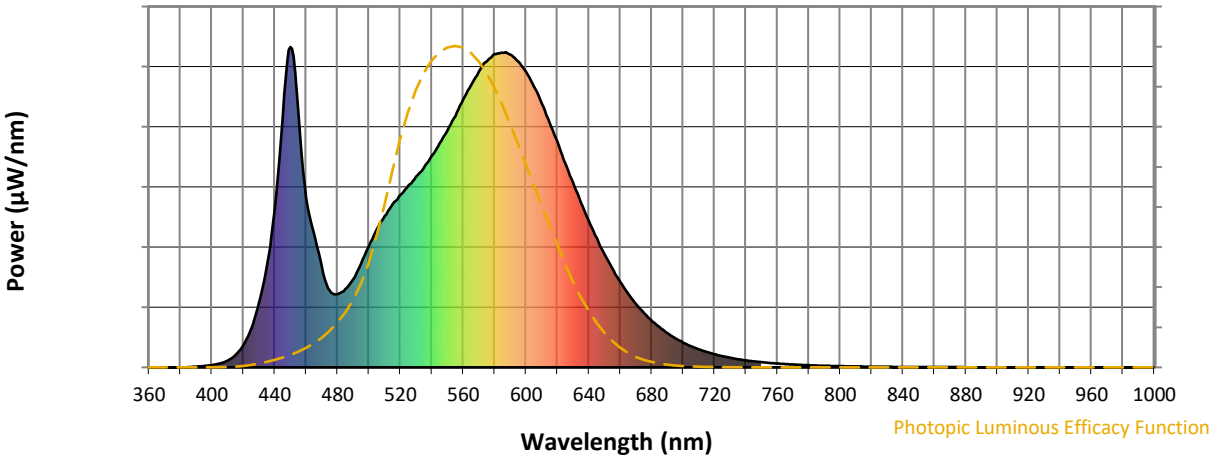


CCT = 3990K
CIE x = 0.3816
CIE y = 0.3798
Duv = 0.0011

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-1

Photopic Flux vs. Wavelength

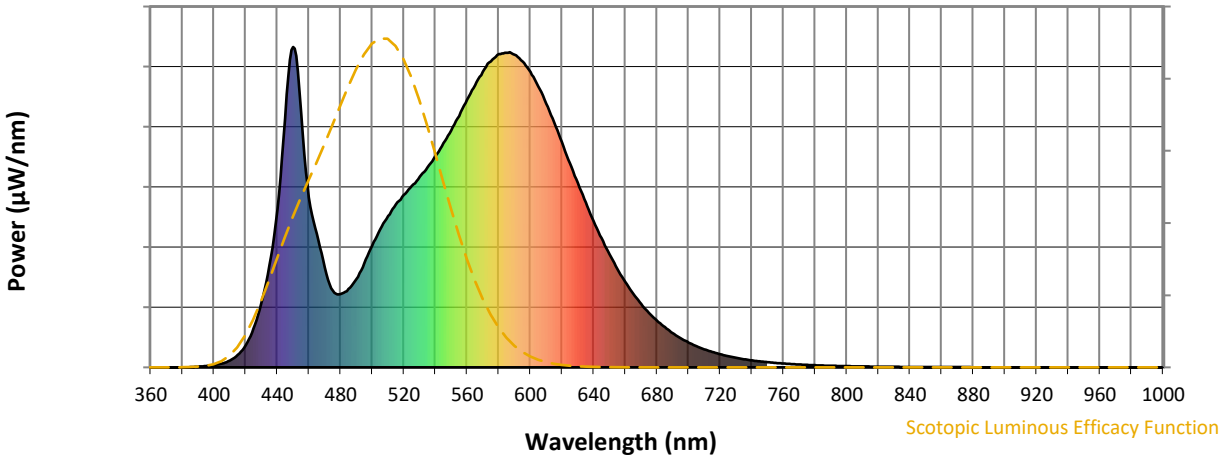


Photopic Lumens: NR

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

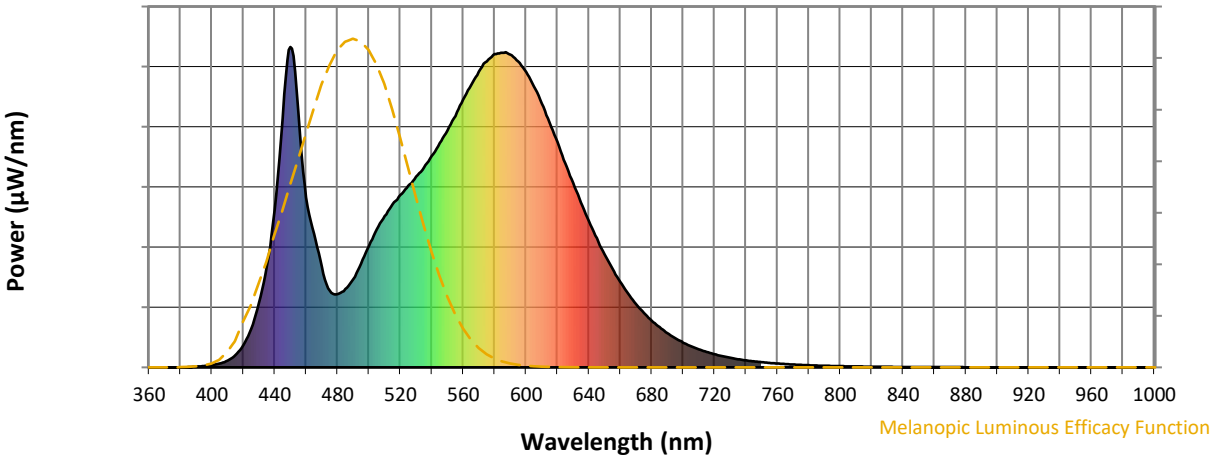


Scotopic Lumens: NR **S/P: 1.59**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.21**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

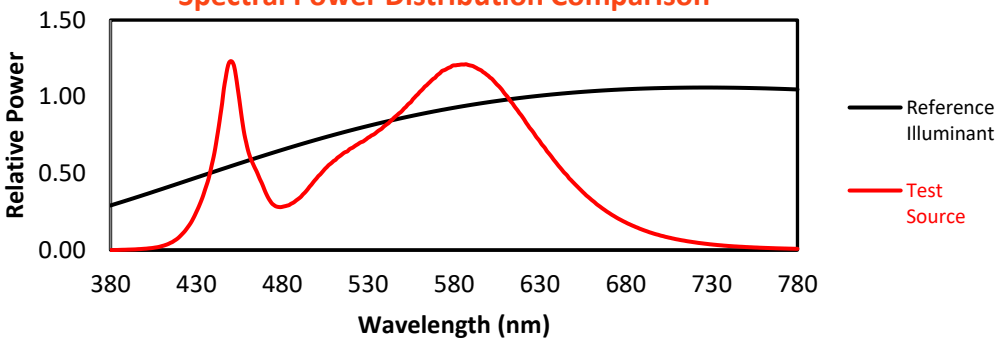
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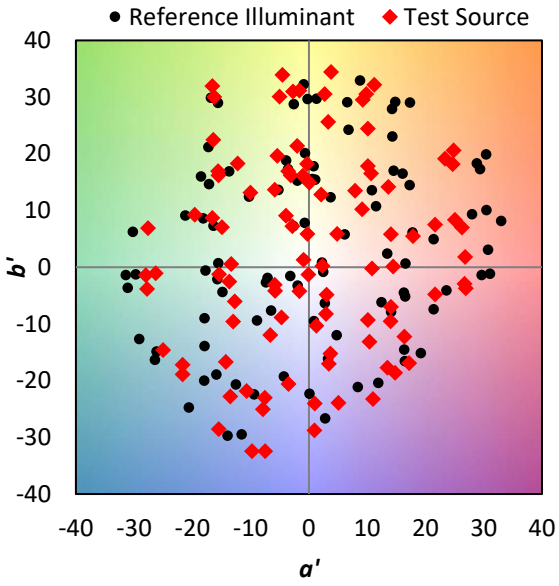
Summary

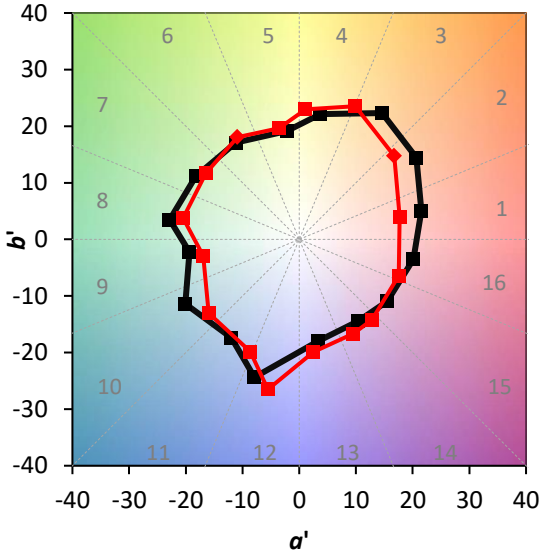
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R_g = 91.9
CIE R_a = 73.9
R_9 = -36.4

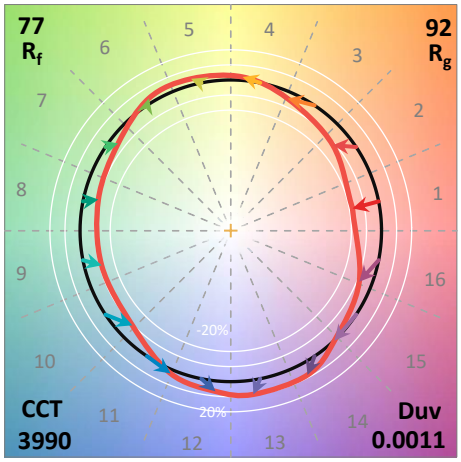
Spectral Power Distribution Comparison

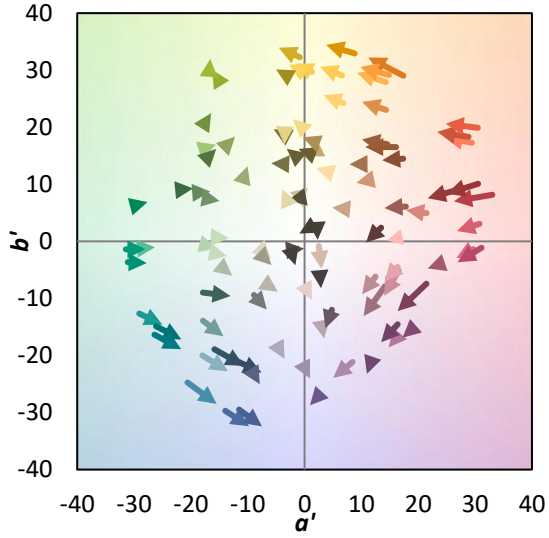


Color Vector Graphics







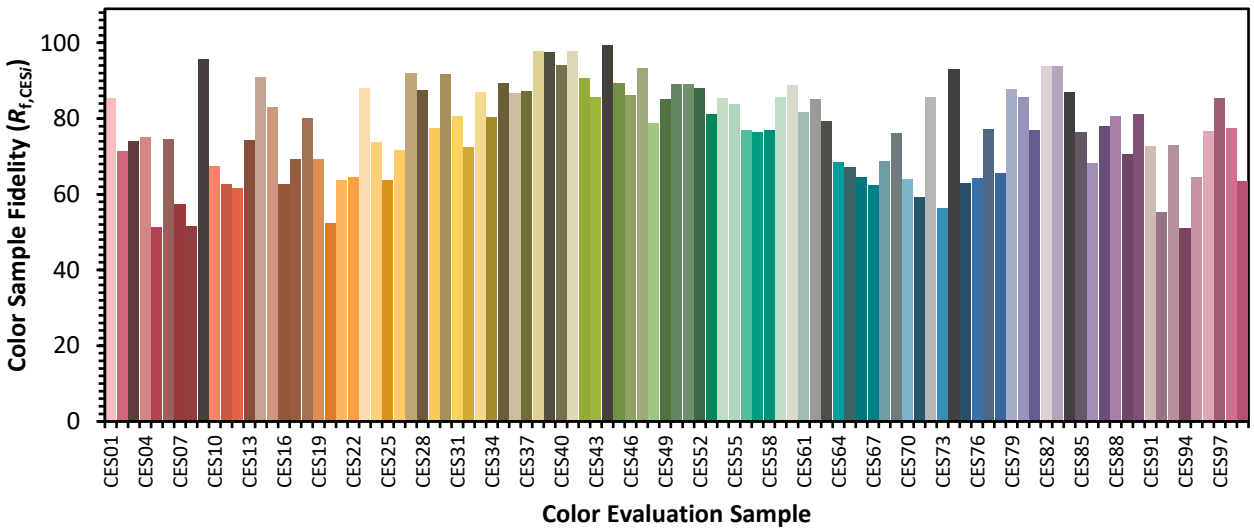


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Individual Sample Fidelity Index ($R_{f,i}$)

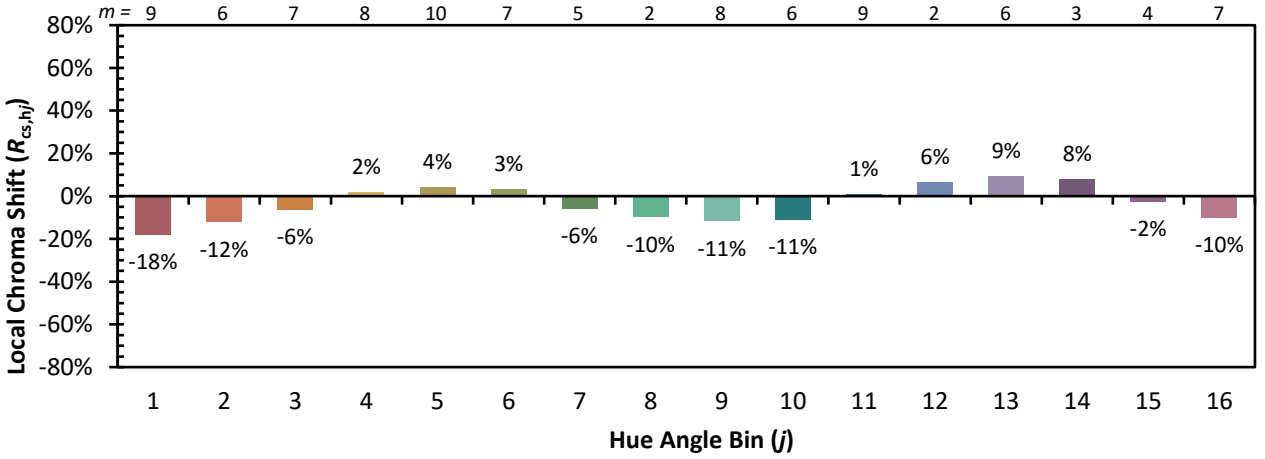
CES01 = 85	CES26 = 72	CES51 = 89	CES76 = 64
CES02 = 61	CES27 = 92	CES52 = 88	CES77 = 77
CES03 = 30	CES28 = 88	CES53 = 81	CES78 = 65
CES04 = 70	CES29 = 78	CES54 = 85	CES79 = 88
CES05 = 47	CES30 = 92	CES55 = 84	CES80 = 86
CES06 = 50	CES31 = 81	CES56 = 77	CES81 = 77
CES07 = 40	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 39	CES33 = 87	CES58 = 77	CES83 = 94
CES09 = 29	CES34 = 80	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 89	CES60 = 89	CES85 = 76
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 68
CES12 = 63	CES37 = 87	CES62 = 85	CES87 = 78
CES13 = 42	CES38 = 98	CES63 = 79	CES88 = 81
CES14 = 74	CES39 = 98	CES64 = 68	CES89 = 71
CES15 = 71	CES40 = 94	CES65 = 67	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 65	CES91 = 73
CES17 = 49	CES42 = 91	CES67 = 62	CES92 = 55
CES18 = 56	CES43 = 86	CES68 = 69	CES93 = 73
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 51
CES20 = 65	CES45 = 89	CES70 = 64	CES95 = 65
CES21 = 86	CES46 = 86	CES71 = 59	CES96 = 77
CES22 = 78	CES47 = 93	CES72 = 86	CES97 = 85
CES23 = 92	CES48 = 79	CES73 = 56	CES98 = 77
CES24 = 91	CES49 = 85	CES74 = 93	CES99 = 63
CES25 = 72	CES50 = 89	CES75 = 63	

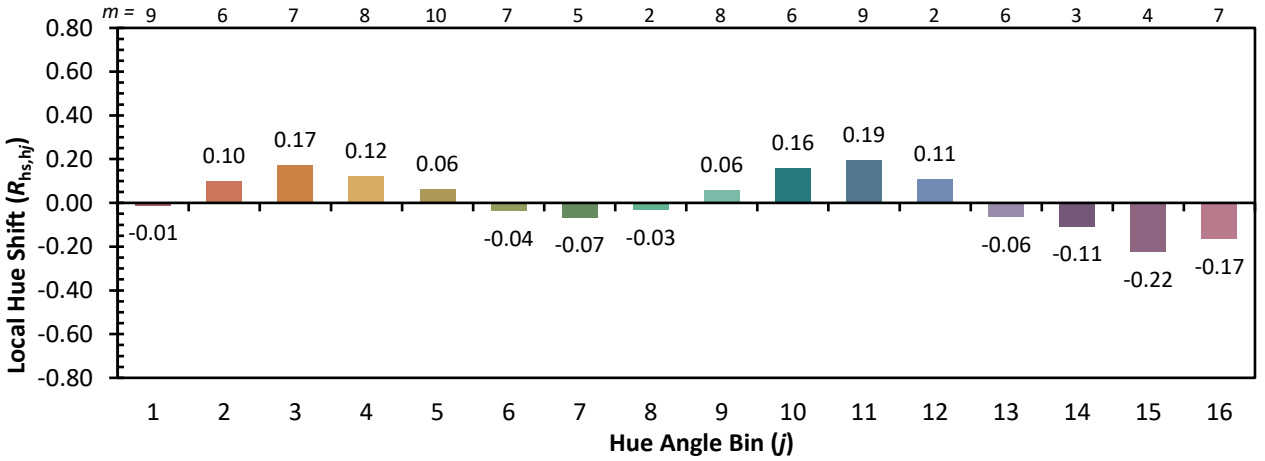


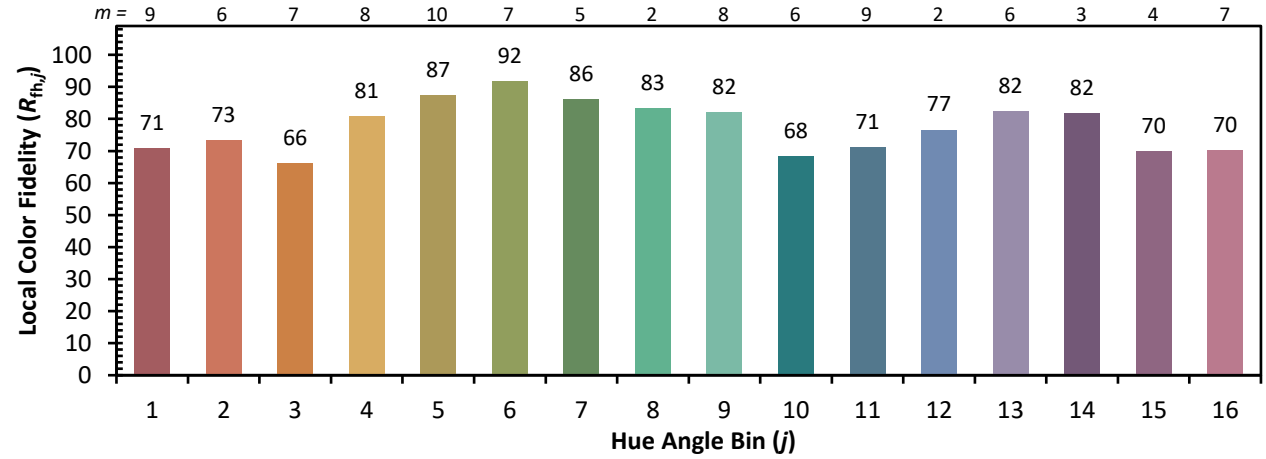
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Color Rendition by Hue-Angle Bin



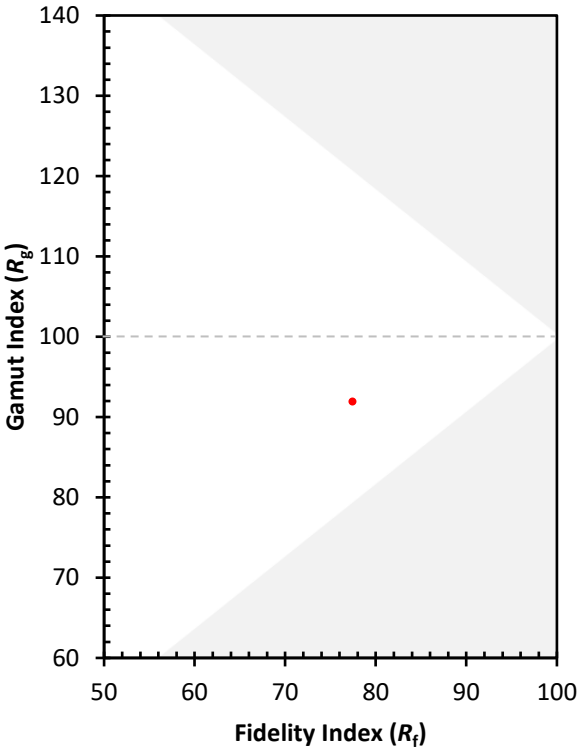


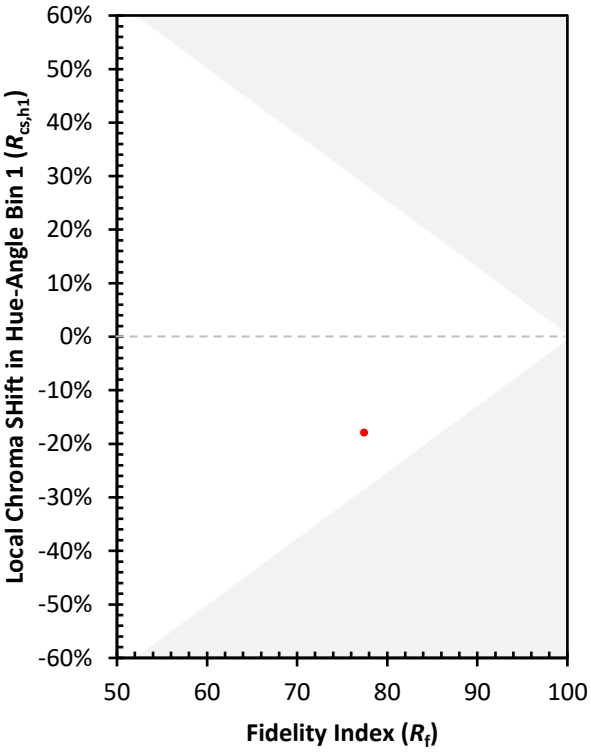


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Measure Comparisons





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