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: P981133

Luminaire Tested: **FFX-CLB-40-750-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:	P981133
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-40-750-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:	6349.9 lumens
Efficiency:	N/A
Efficacy:	161.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U4 - G2

Input Watts (W):	39.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

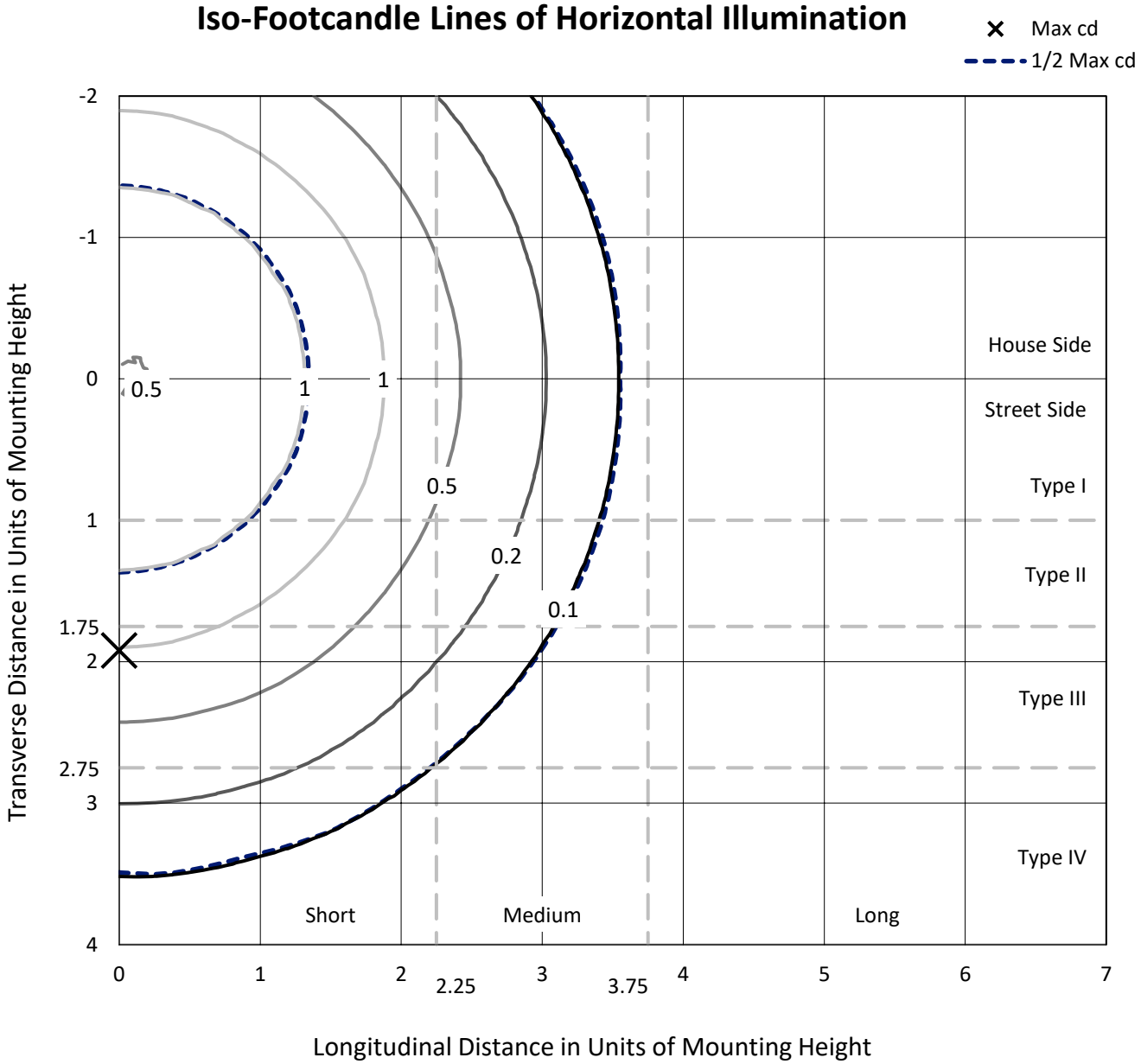


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REPORT NUMBER: P981133
CATALOG NUMBER: FFX-CLB-40-750-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



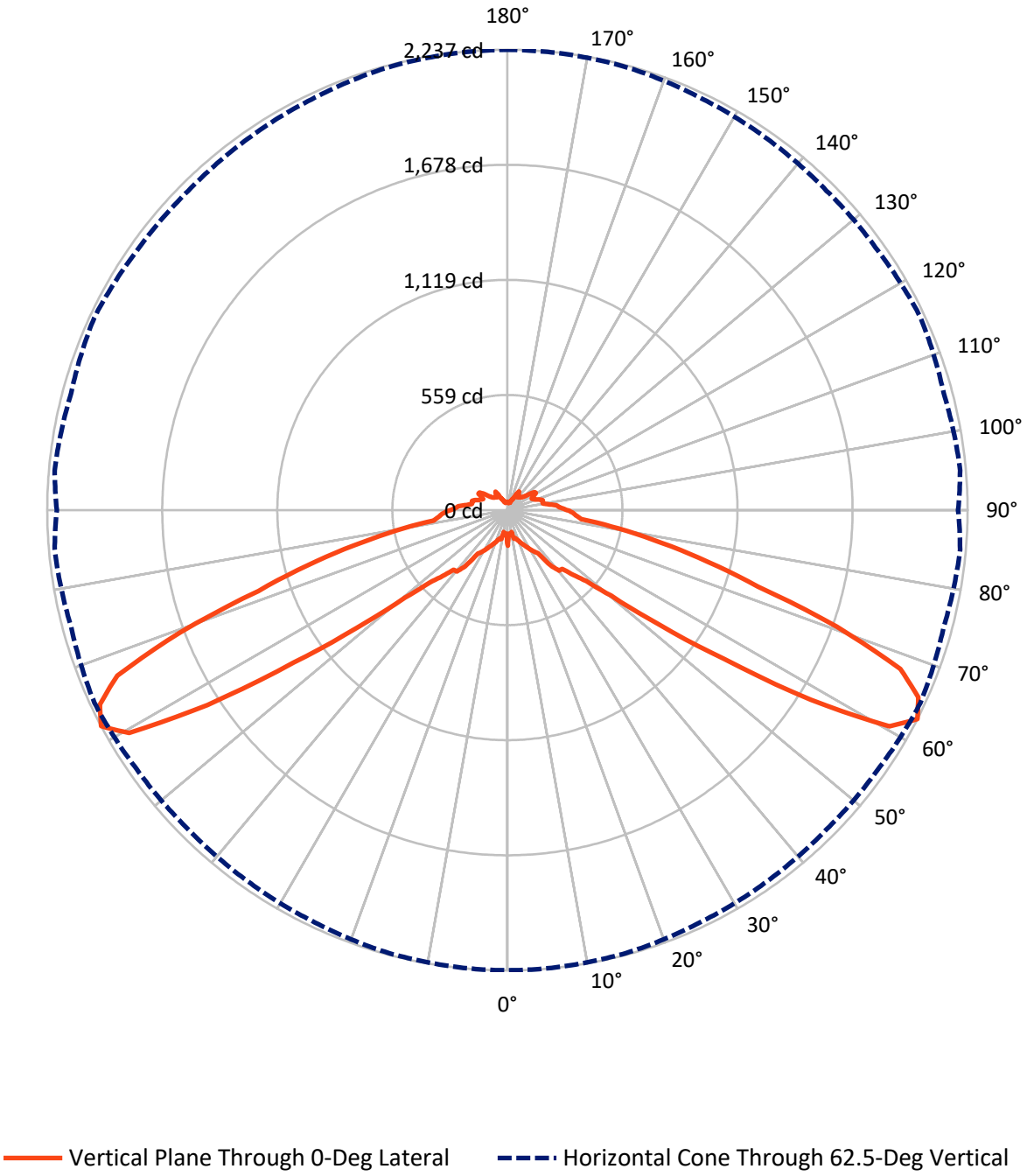
Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
Type V - Short - N/A

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REPORT NUMBER: P981133
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Luminous Intensity Polar Plot



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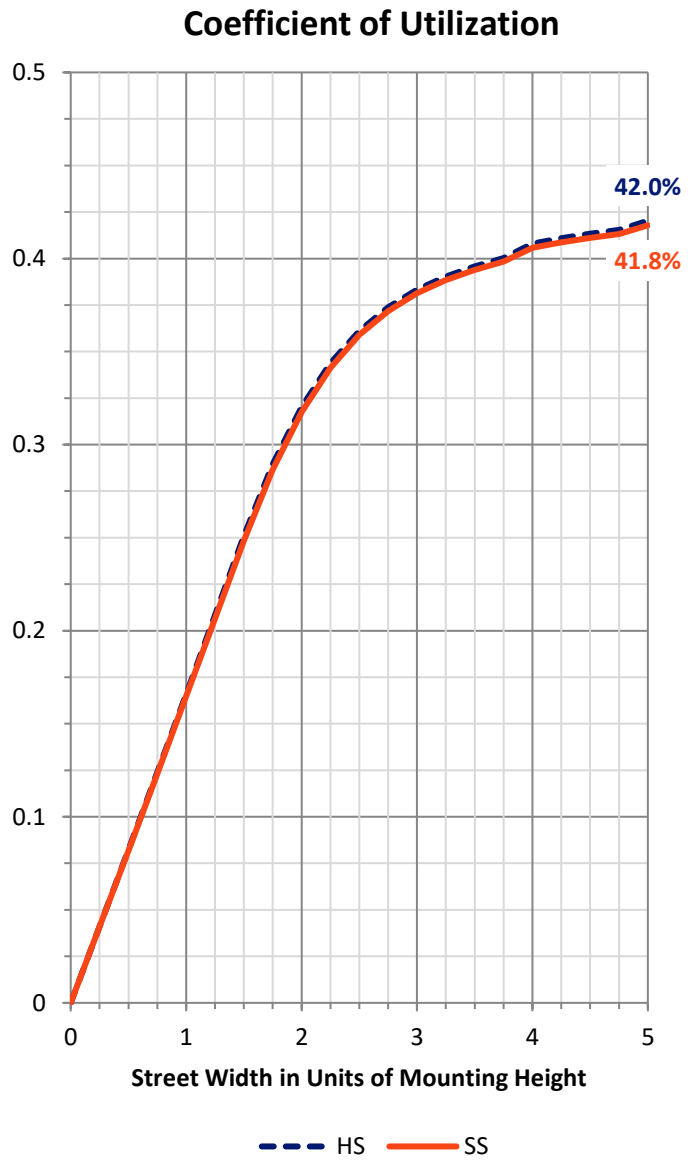
REPORT NUMBER: P981133
CATALOG NUMBER: FFX-CLB-40-750-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2763.8	411.2	3175.0
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	2763.8	411.2	3175.0
	% Fixture	43.5	6.5	50.0
Total	Lumens	5527.5	822.4	6349.9
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.8	0.2
10°-20°	40.2	0.6
20°-30°	88.3	1.4
30°-40°	181.4	2.9
40°-50°	374.5	5.9
50°-60°	1223.1	19.3
60°-70°	2062.2	32.5
70°-80°	1122.5	17.7
80°-90°	424.5	6.7
90°-100°	258.0	4.1
100°-110°	162.8	2.6
110°-120°	123.8	1.9
120°-130°	105.8	1.7
130°-140°	71.1	1.1
140°-150°	58.6	0.9
150°-160°	27.7	0.4
160°-170°	11.0	0.2
170°-180°	3.6	0.1
0°-90°	5527.5	87.0
0°-180°	6349.9	100.0



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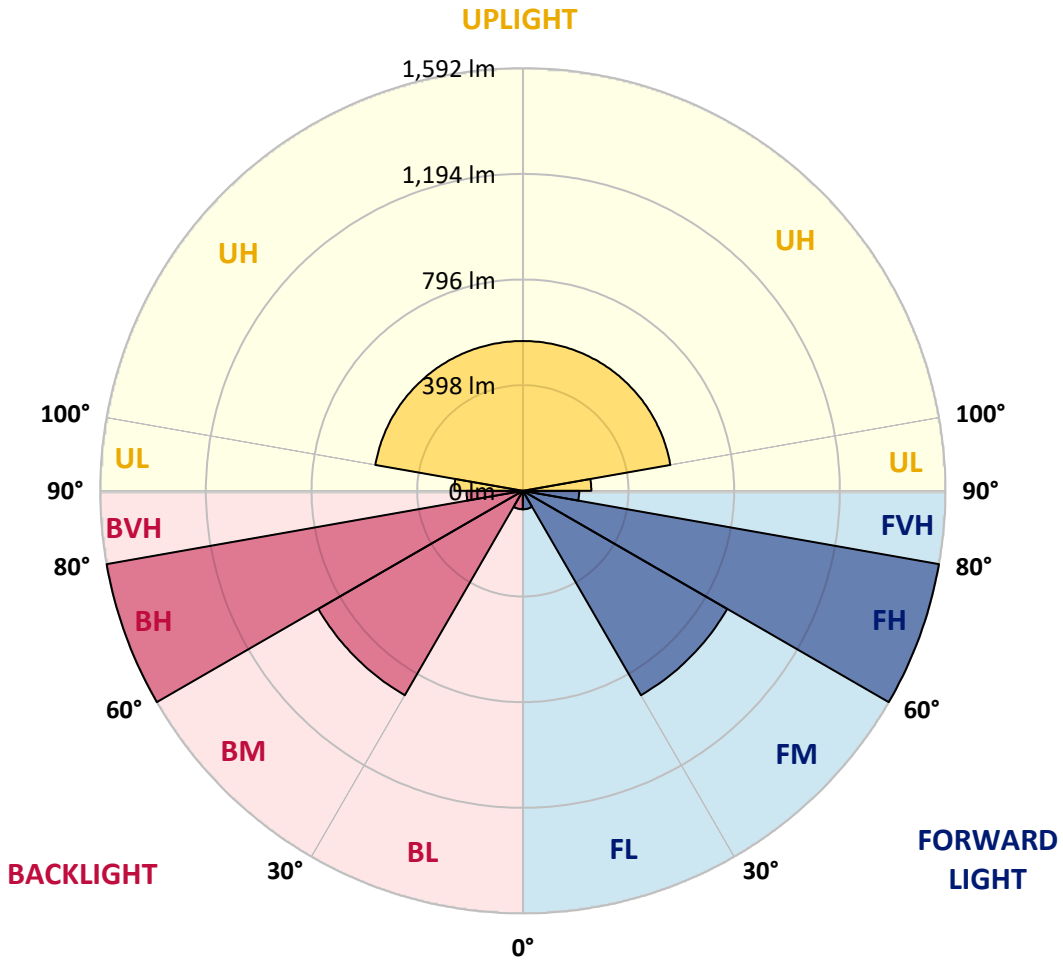
Scaled Data Report

REPORT NUMBER: P981133
CATALOG NUMBER: FFX-CLB-40-750-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°)	69.7	1.1			
FM	(30°-60°)	889.5	14.0			
FH	(60°-80°)	1592.4	25.1			G1/1800
FVH	(80°-90°)	212.3	3.3			G2/225
BL	(0°-30°)	69.7	1.1	B0/110		
BM	(30°-60°)	889.5	14.0	B1/1000		
BH	(60°-80°)	1592.4	25.1	B3/2500		G1/1800
BVH	(80°-90°)	212.3	3.3			G2/225
UL	(90°-100°)	258.0	4.1		U3/500	
UH	(100°-180°)	564.4	8.9		U4/1000	

BUG Rating: B3-U4-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	172.9	172.9	172.9	172.9	172.9	172.9	172.9	172.9	172.9	172.9	172.9
2.5°	115.1	119.7	145.3	166.2	165.8	151.1	132.3	134.0	145.3	155.3	157.8
5°	116.0	114.3	113.0	108.0	106.3	108.9	107.2	102.2	100.1	100.5	108.4
7.5°	120.6	118.5	106.3	97.1	95.9	101.3	113.0	113.0	100.5	90.8	90.4
10°	108.4	108.0	112.2	116.4	117.6	112.6	107.6	105.1	104.2	103.4	102.6
12.5°	143.2	141.5	132.7	127.3	126.4	128.9	132.7	131.5	125.2	121.8	121.8
15°	142.3	143.2	144.4	142.3	141.9	142.3	144.4	143.2	141.1	138.6	138.6
17.5°	150.3	150.7	151.1	152.0	151.1	149.9	149.9	149.5	149.9	150.7	150.7
20°	162.4	162.9	162.9	162.9	162.4	159.9	159.9	160.3	159.9	160.8	160.3
22.5°	175.8	175.4	175.4	175.4	174.2	172.1	171.7	172.1	170.8	170.8	170.8
25°	188.8	189.7	190.9	190.5	188.4	186.7	185.5	185.9	185.0	185.0	185.0
27.5°	205.1	204.3	206.8	206.0	203.9	203.9	202.6	202.6	201.4	201.0	200.5
30°	223.6	223.1	223.1	223.6	222.7	221.9	221.9	221.1	219.0	219.4	220.2
32.5°	241.6	241.1	240.3	240.7	240.3	239.1	241.1	241.1	240.3	240.7	243.2
35°	259.2	261.7	267.5	271.7	273.0	272.5	274.2	277.2	275.1	273.8	275.1
37.5°	342.9	341.2	334.9	331.2	332.0	334.1	329.5	326.1	324.0	323.6	325.7
40°	386.8	385.2	376.0	376.8	370.5	372.6	374.7	377.6	375.5	370.9	370.9
42.5°	390.6	391.0	404.0	423.7	417.8	405.3	393.5	399.4	408.2	413.6	415.7
45°	448.4	453.8	453.8	455.1	455.5	455.9	447.6	451.3	458.4	467.2	466.8
47.5°	515.0	518.3	520.4	522.9	521.7	522.9	533.8	530.9	538.8	538.0	537.1
50°	654.4	668.6	671.1	680.7	674.9	676.1	696.2	697.9	697.9	696.7	698.3
52.5°	928.6	941.2	939.1	917.7	928.2	947.0	968.8	953.3	975.5	964.6	959.6
55°	1276.9	1277.3	1291.2	1320.9	1334.7	1320.0	1331.8	1302.9	1351.4	1357.3	1342.7
57.5°	1739.1	1747.9	1750.8	1758.4	1747.5	1745.8	1754.2	1736.2	1758.8	1736.6	1745.4
60°	2134.3	2123.0	2090.8	2045.2	2050.2	2068.2	2100.8	2089.5	2073.6	2042.7	2035.5
62.5°	2237.3	2235.7	2229.0	2212.2	2202.2	2194.2	2198.4	2215.6	2195.5	2209.3	2190.9
65°	2195.0	2193.8	2200.1	2214.7	2203.8	2177.0	2153.6	2181.7	2169.1	2215.1	2201.7
67.5°	2059.8	2054.4	2048.1	2075.3	2058.1	2019.6	2002.5	2005.0	1997.4	2043.5	2030.1
70°	1698.9	1690.1	1701.9	1745.0	1720.3	1686.0	1666.3	1674.7	1676.7	1706.1	1710.7
72.5°	1273.2	1284.0	1295.8	1324.6	1318.8	1299.9	1310.8	1323.4	1335.5	1346.4	1341.8
75°	1007.7	1020.7	997.3	1011.5	1006.5	1021.1	1031.2	1037.0	1035.8	1024.5	1019.4
77.5°	766.2	776.6	771.2	767.0	770.8	785.4	817.2	813.5	795.5	776.2	780.0
80°	551.0	569.4	571.5	569.8	577.8	579.8	606.6	599.5	584.9	584.5	588.6
82.5°	360.9	369.3	395.6	419.1	425.4	414.9	432.5	439.2	442.9	443.4	442.1
85°	334.1	343.3	337.0	349.6	352.5	355.4	358.4	360.9	365.1	368.8	370.5
87.5°	315.7	330.7	329.9	338.3	337.4	343.3	348.7	350.4	345.4	340.0	338.3
90°	282.2	294.3	298.9	303.9	306.5	305.6	310.2	310.2	306.9	304.4	303.5
92.5°	253.3	260.0	264.2	270.5	272.1	271.3	275.9	273.8	274.2	275.1	275.9
95°	239.5	242.4	241.1	243.7	240.3	237.4	239.1	236.5	235.3	233.2	233.2
97.5°	200.1	199.7	199.7	200.5	198.9	196.4	197.6	197.2	197.6	197.6	195.9
100°	175.4	175.0	172.5	172.1	171.7	170.8	169.6	170.0	170.0	169.6	170.0
102.5°	175.0	171.2	165.8	159.9	159.9	158.7	159.1	158.7	158.3	155.7	154.5
105°	178.4	172.5	163.3	151.6	149.9	150.3	151.6	151.1	149.5	147.0	145.3
107.5°	165.0	158.3	152.8	145.3	143.2	142.8	143.6	144.0	142.3	139.0	136.5
110°	146.1	143.6	141.1	138.2	136.1	135.6	135.6	135.6	134.0	132.7	129.8

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CATALOG NUMBER: FFX-CLB-40-750-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*137.7*	134.8	131.9	129.4	128.1	127.7	126.9	126.0	124.8	123.5	121.8
115°	*129.8*	129.8	127.7	118.5	116.4	116.0	115.6	115.6	115.6	115.6	115.1
117.5°	*140.7*	139.4	131.5	119.7	116.0	113.9	112.2	113.0	112.6	115.6	114.7
120°	*161.2*	152.0	134.8	126.4	123.1	121.4	121.8	122.2	121.8	121.0	119.3
122.5°	*159.5*	149.5	139.0	132.7	128.9	128.5	130.2	129.8	126.0	120.2	115.6
125°	*140.3*	134.8	128.5	122.7	120.6	119.7	120.6	119.3	116.8	113.9	109.3
127.5°	*108.9*	108.0	104.7	102.2	102.6	103.8	105.9	105.9	104.7	103.0	100.5
130°	*97.5*	96.7	97.1	98.0	97.5	97.5	95.5	93.8	96.7	99.2	98.0
132.5°	*90.0*	90.4	94.6	100.9	99.6	96.3	91.3	90.4	95.0	100.1	99.6
135°	*86.7*	87.1	90.4	96.7	95.0	90.8	88.8	89.2	91.7	94.2	93.8
137.5°	*86.7*	86.7	85.8	87.9	87.9	87.9	87.5	88.8	90.4	90.4	89.2
140°	*85.4*	86.2	83.7	84.2	85.4	86.7	87.1	88.8	89.2	88.8	87.1
142.5°	*78.3*	79.1	81.6	85.0	85.8	86.7	89.2	88.8	88.8	88.8	87.9
145°	*96.3*	96.3	98.4	101.3	100.1	98.4	99.2	99.6	100.5	101.3	100.5
147.5°	*106.3*	106.3	103.8	103.0	100.9	100.9	103.4	103.0	102.6	101.7	102.2
150°	*87.9*	87.5	85.4	84.6	84.6	83.7	85.0	85.0	83.7	82.9	83.3
152.5°	*62.8*	63.2	62.4	63.2	64.5	65.7	67.0	67.8	67.8	67.8	67.0
155°	*56.9*	56.1	55.7	56.5	56.9	56.5	55.7	55.7	55.7	54.8	54.4
157.5°	*49.4*	49.0	48.6	49.0	49.0	49.4	49.8	50.2	50.2	49.4	49.0
160°	*42.7*	42.7	42.7	43.1	43.1	42.7	42.3	42.7	43.5	43.5	43.5
162.5°	*38.5*	38.9	39.4	40.2	40.2	39.4	38.5	38.5	39.4	40.2	40.2
165°	*35.6*	35.6	36.4	38.1	38.5	37.3	36.0	36.0	37.3	38.9	39.4
167.5°	*35.6*	36.0	37.3	38.5	38.1	36.8	35.6	35.6	36.8	38.1	38.1
170°	*38.1*	38.1	37.7	37.3	36.8	36.8	36.8	37.3	37.7	37.3	37.3
172.5°	*40.2*	39.8	38.5	37.3	36.8	38.1	38.9	38.5	38.1	37.3	37.3
175°	*41.0*	40.6	39.8	38.9	38.9	39.8	40.2	39.4	38.5	38.1	37.7
177.5°	*36.8*	36.8	36.4	36.4	36.8	36.4	36.4	36.4	36.0	35.6	35.2
180°	*31.8*	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8

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Peachtree City, GA 30269

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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2501-332-5

Test Date: 03/25/2025

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

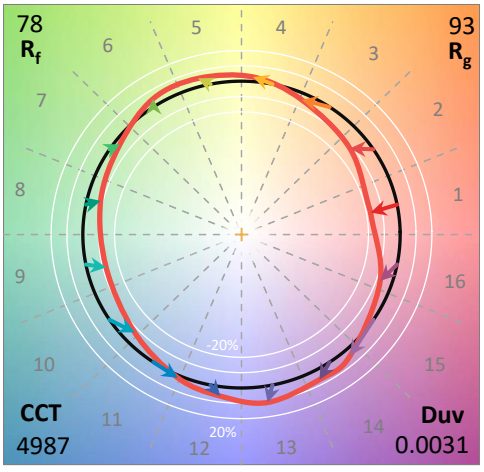
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-5
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-100-750-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	4987	CRI (Ra):	75.8		
CIE u':	0.2094	R1:	71.6	R9:	-30.4
CIE v':	0.4882	R2:	82.8	R10:	59.9
Duv:	0.0031	R3:	91.2	R11:	70.9
CIE x:	0.3461	R4:	73.8	R12:	51.2
CIE y:	0.3586	R5:	73.0	R13:	74.2
CIE z:	0.2954	R6:	76.1	R14:	95.3
Peak Wavelength (nm):	450	R7:	82.9	R15:	63.7
Dominant Wavelength (nm):	570	R8:	54.9		
Purity:	11.4				

Rf:	78.3
Rg:	93.4



Test Conditions

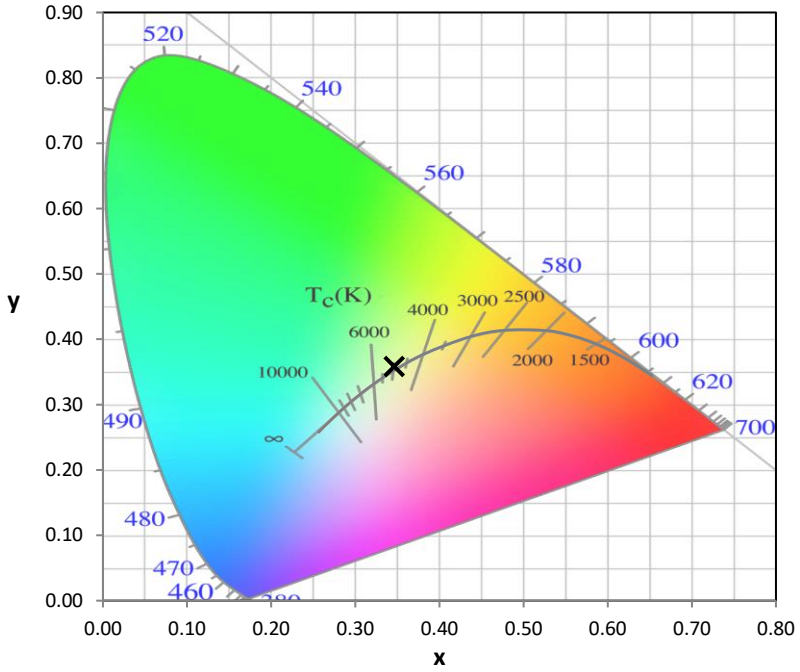
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

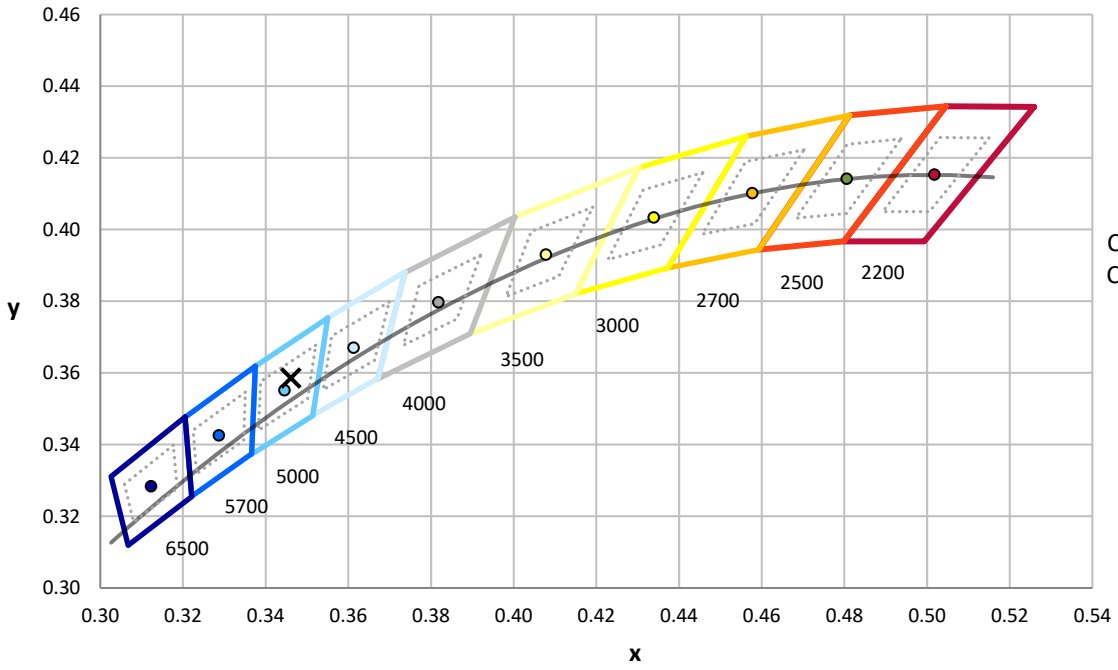
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-5

CIE 1931 Chromaticity Diagram



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

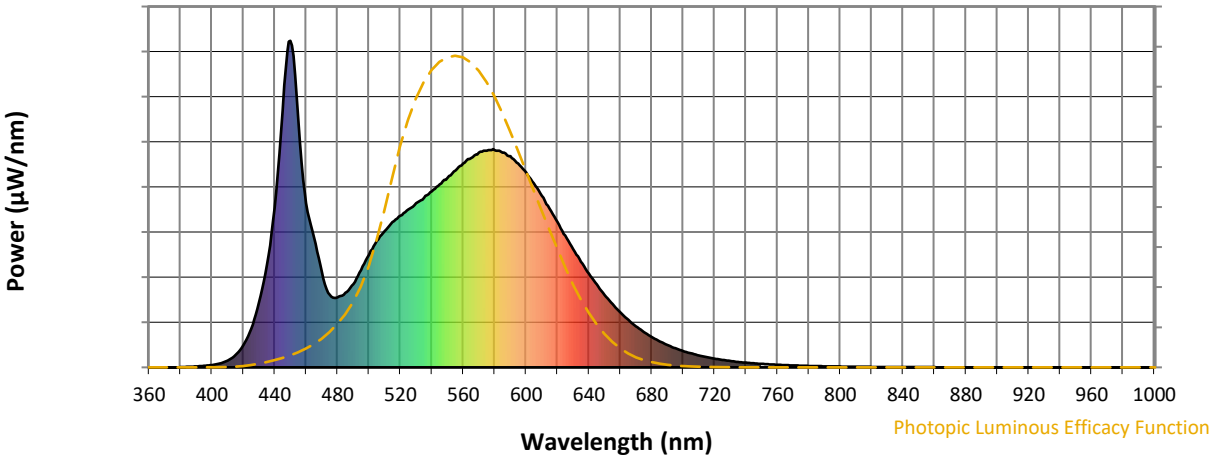


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

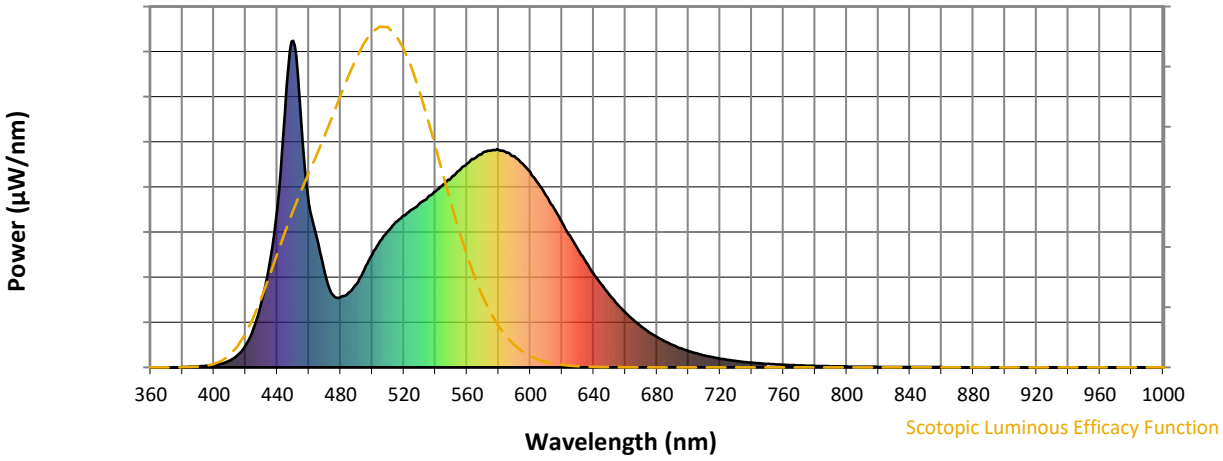


Photopic Lumens: NR

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

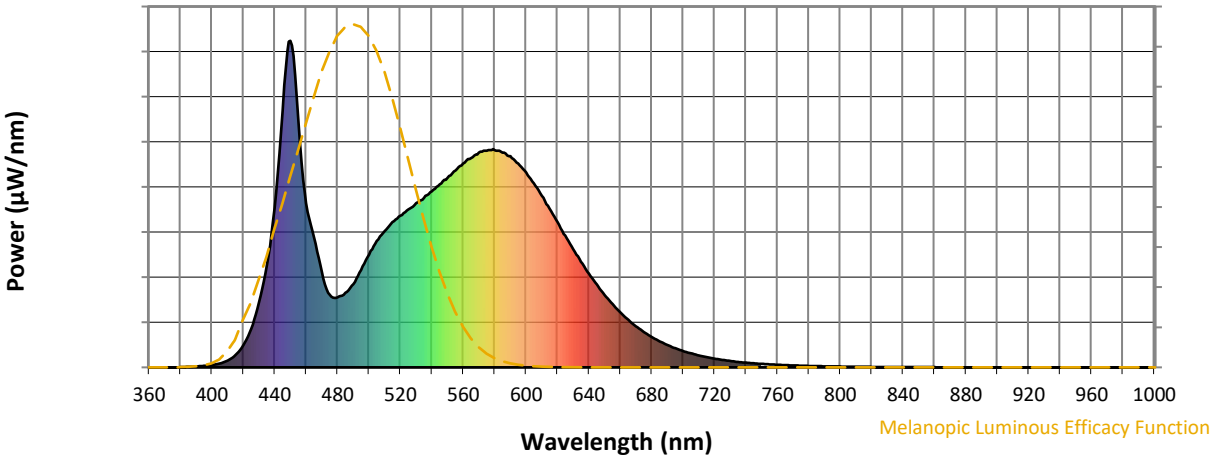


Scotopic Lumens: NR **S/P: 1.87**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.92**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

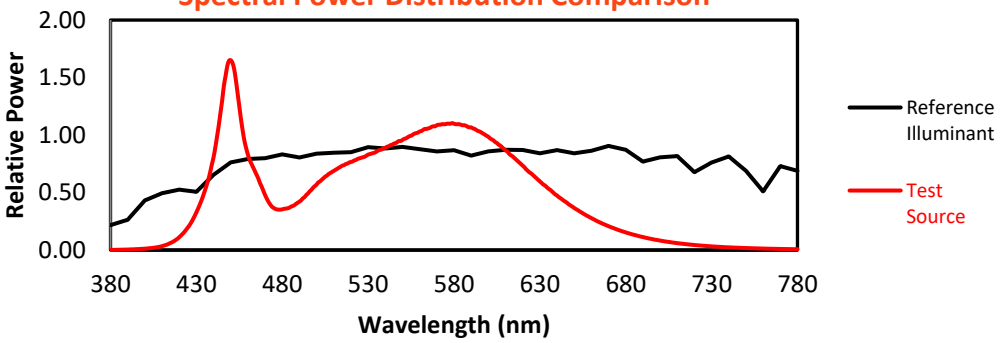
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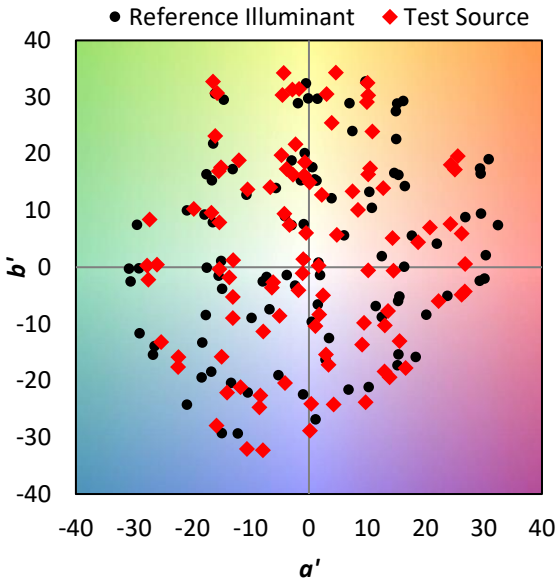
Summary

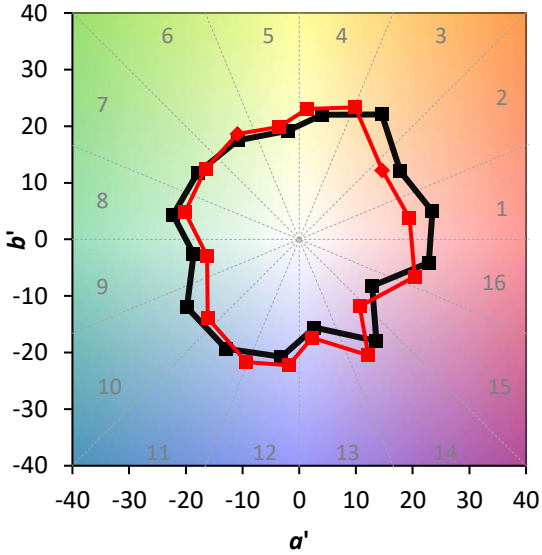
R_f = 78.3
R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

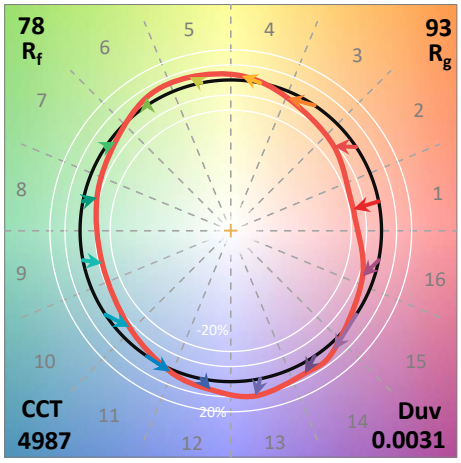
Spectral Power Distribution Comparison

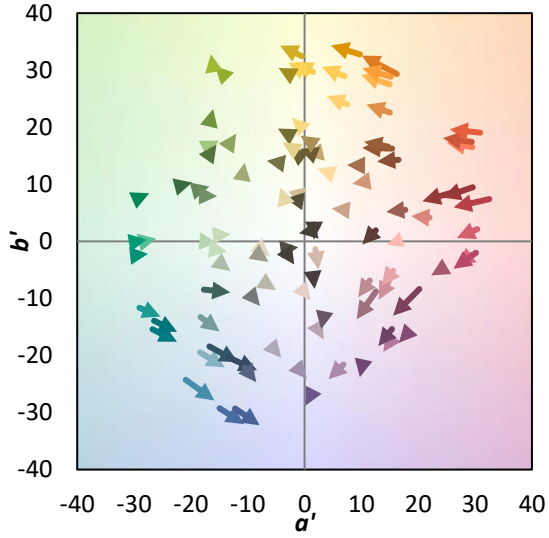


Color Vector Graphics







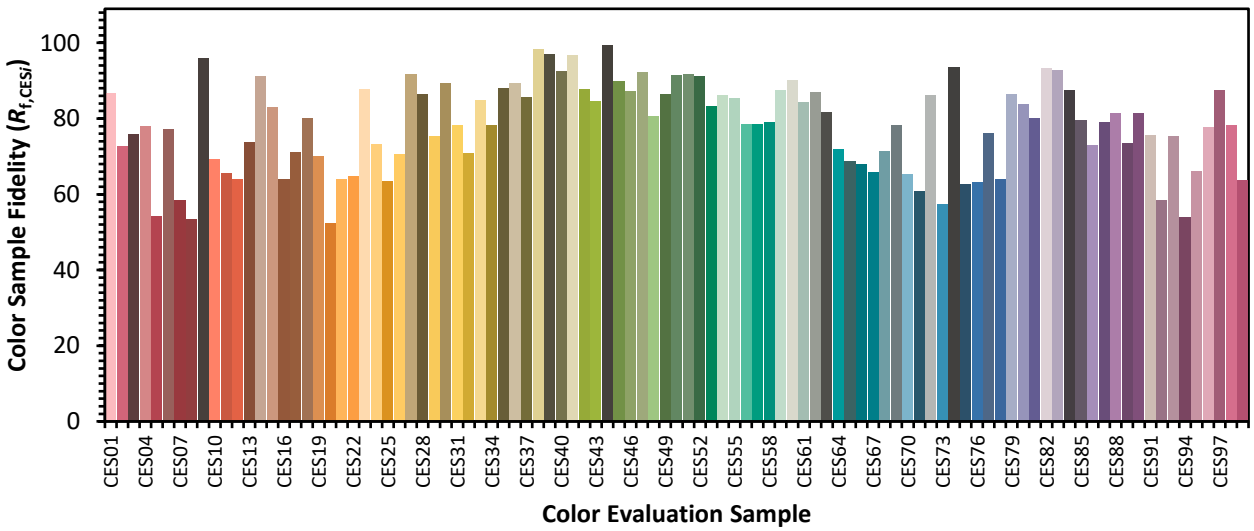


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Individual Sample Fidelity Index ($R_{f,i}$)

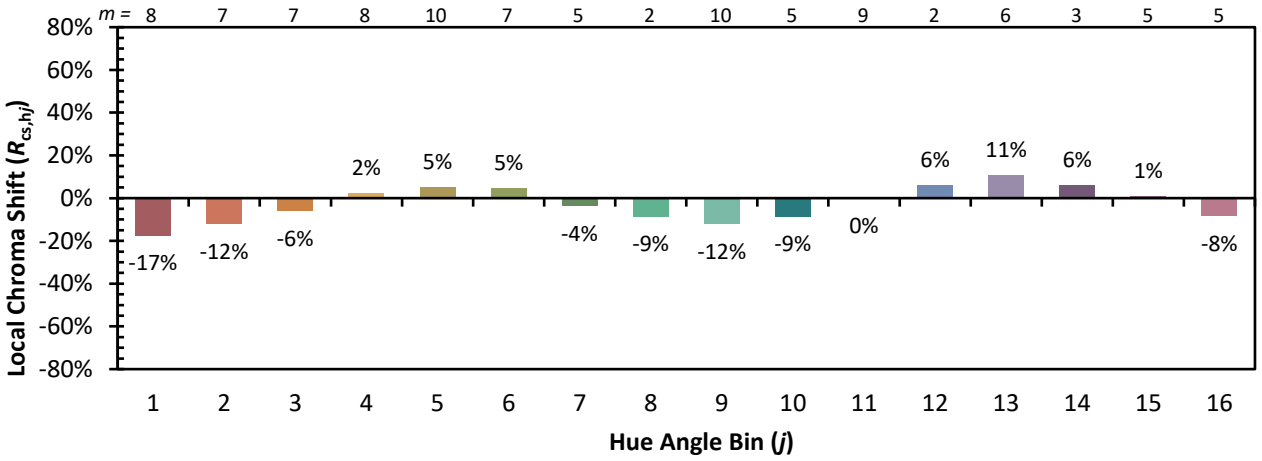
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82 = 93
CES08 = 38	CES33 = 85	CES58 = 79	CES83 = 93
CES09 = 29	CES34 = 78	CES59 = 88	CES84 = 87
CES10 = 73	CES35 = 88	CES60 = 90	CES85 = 80
CES11 = 56	CES36 = 89	CES61 = 84	CES86 = 73
CES12 = 61	CES37 = 86	CES62 = 87	CES87 = 79
CES13 = 41	CES38 = 98	CES63 = 82	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 74
CES15 = 70	CES40 = 93	CES65 = 69	CES90 = 81
CES16 = 46	CES41 = 97	CES66 = 68	CES91 = 76
CES17 = 49	CES42 = 88	CES67 = 66	CES92 = 58
CES18 = 55	CES43 = 85	CES68 = 71	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 78	CES94 = 54
CES20 = 64	CES45 = 90	CES70 = 65	CES95 = 66
CES21 = 85	CES46 = 87	CES71 = 61	CES96 = 78
CES22 = 77	CES47 = 92	CES72 = 86	CES97 = 88
CES23 = 91	CES48 = 81	CES73 = 57	CES98 = 78
CES24 = 90	CES49 = 86	CES74 = 93	CES99 = 64
CES25 = 71	CES50 = 91	CES75 = 63	

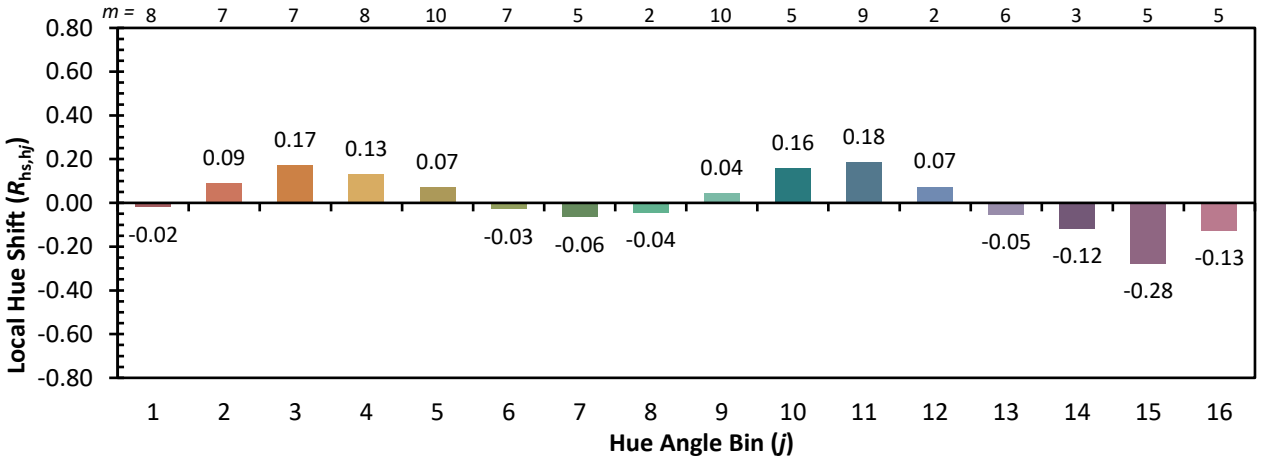


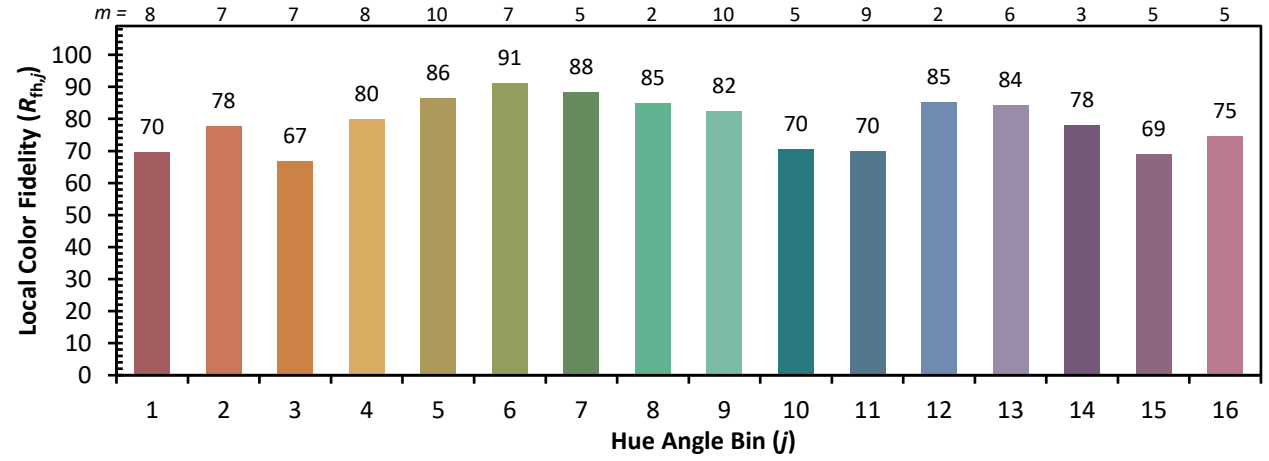
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Color Rendition by Hue-Angle Bin



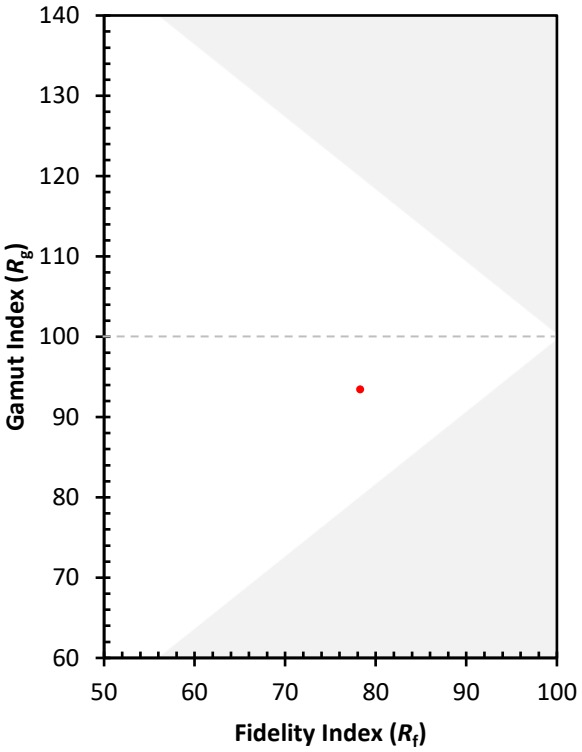


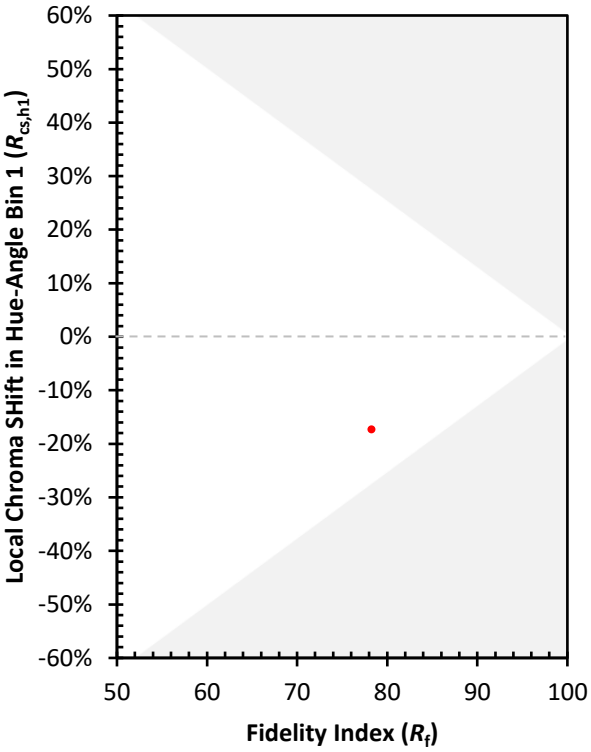


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Measure Comparisons





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