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: P981134

Luminaire Tested: **FFX-CLB-30-750-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:	P981134
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
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:	4930.8 lumens
Efficiency:	N/A
Efficacy:	161.1 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):	30.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	10.8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

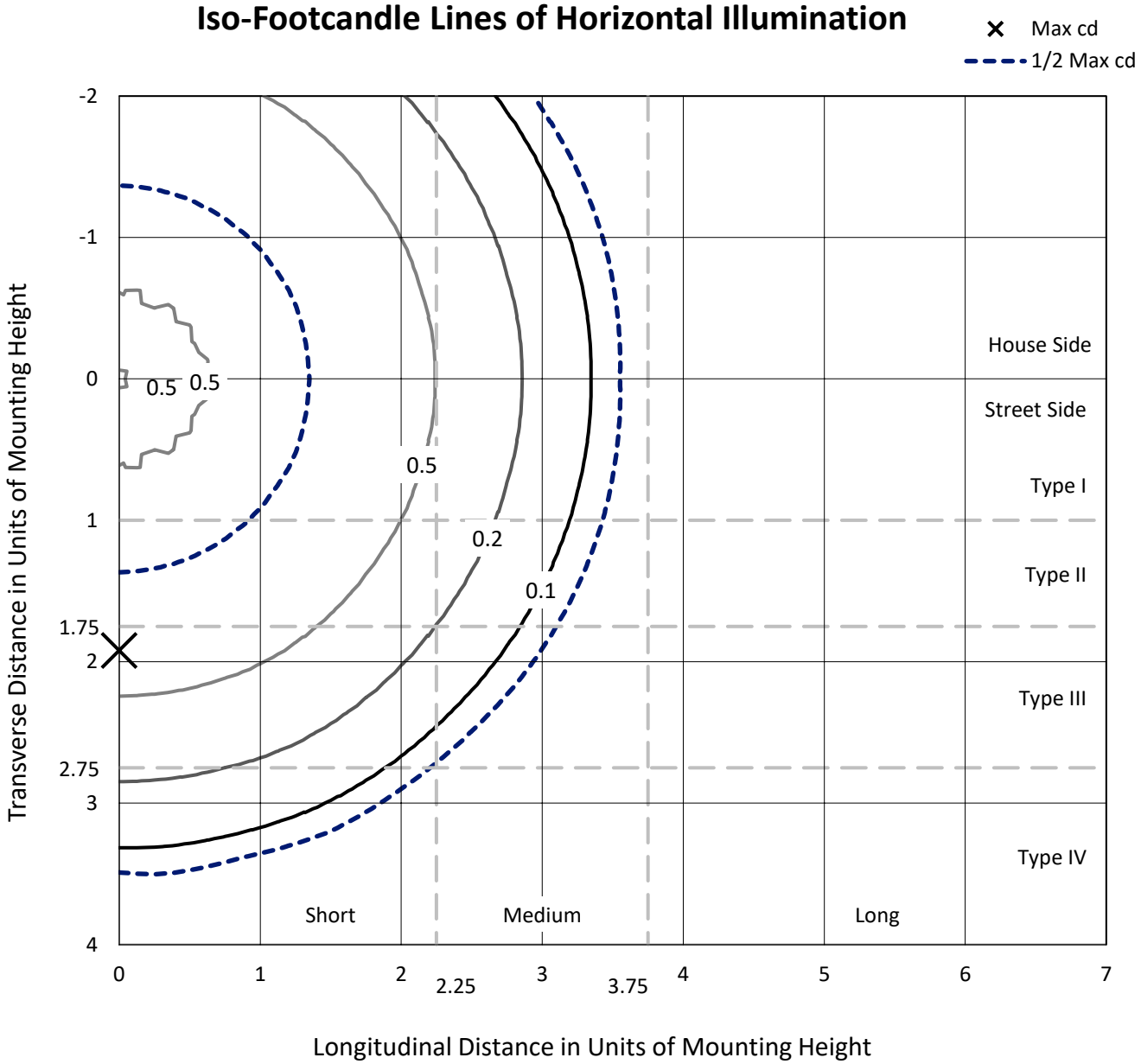


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REPORT NUMBER: P981134
CATALOG NUMBER: FFX-CLB-30-750-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



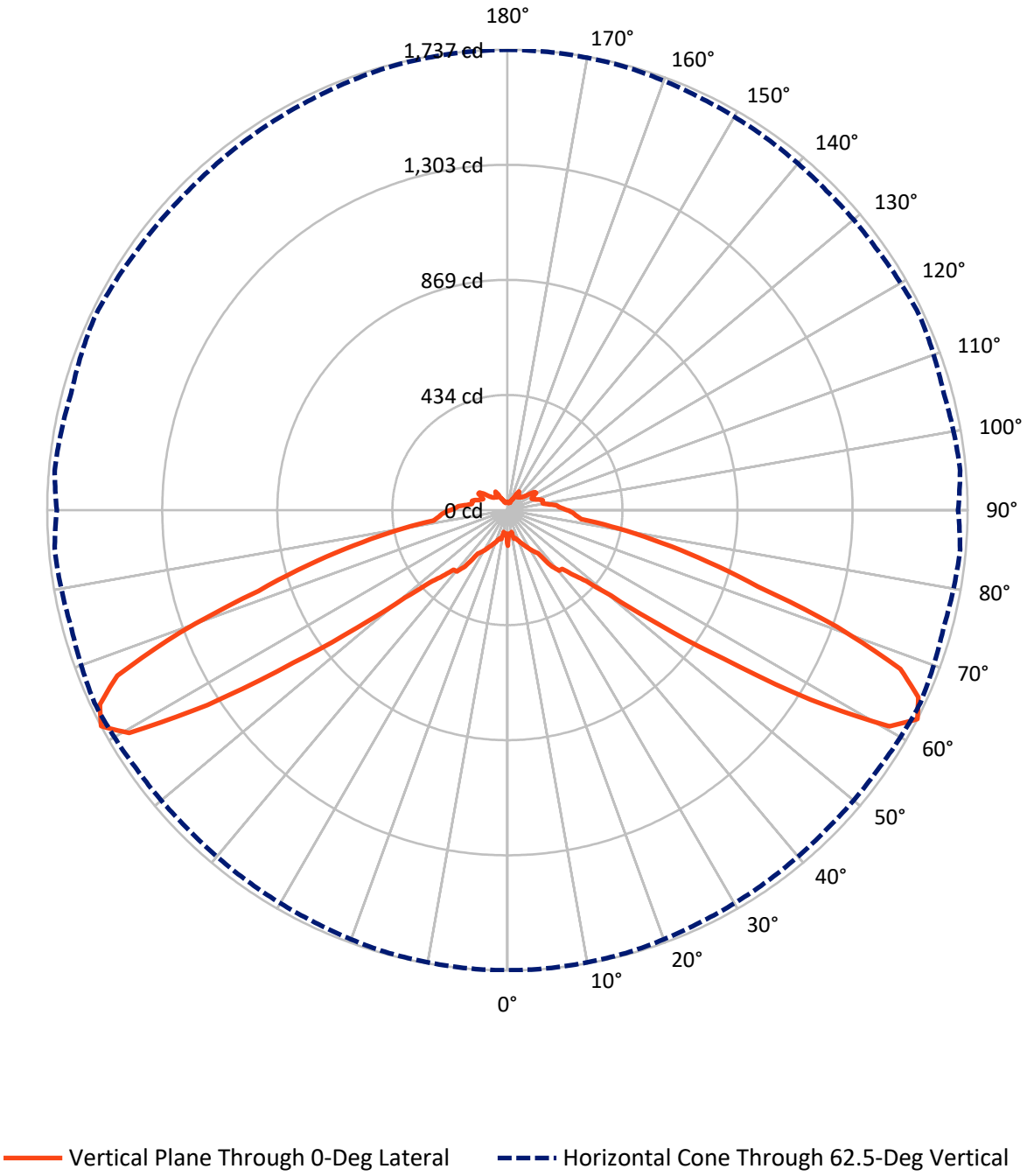
Based on 15 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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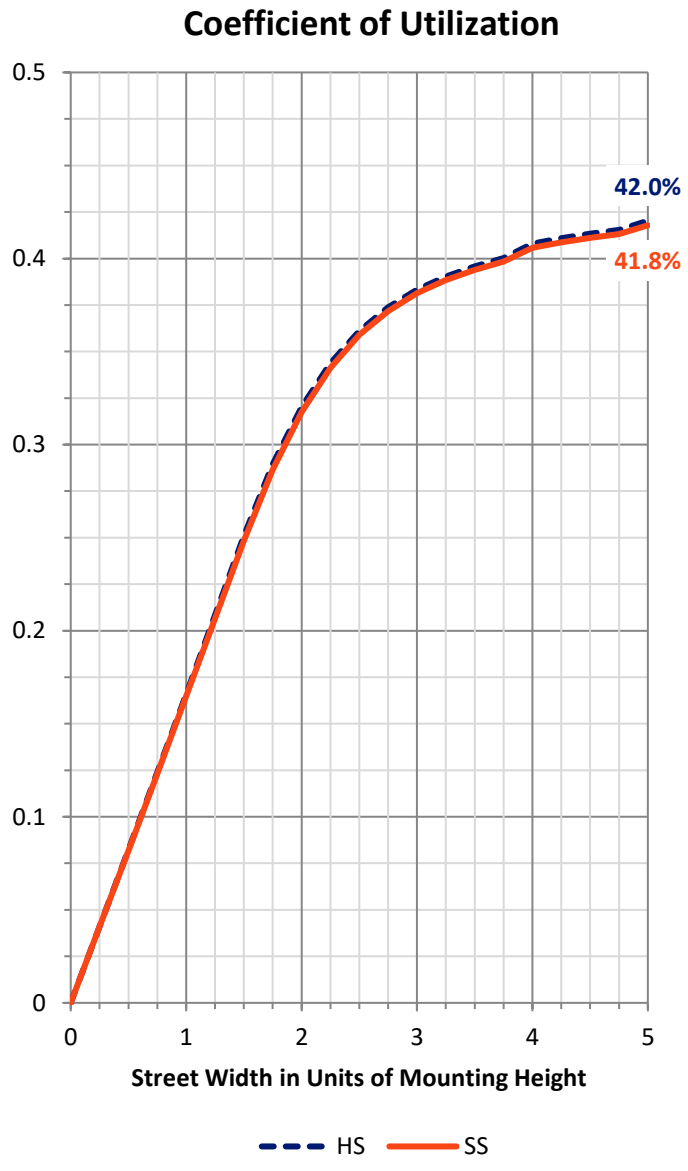
REPORT NUMBER: P981134
CATALOG NUMBER: FFX-CLB-30-750-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2146.1	319.3	2465.4
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	2146.1	319.3	2465.4
	% Fixture	43.5	6.5	50.0
Total	Lumens	4292.2	638.6	4930.8
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.4	0.2
10°-20°	31.3	0.6
20°-30°	68.5	1.4
30°-40°	140.8	2.9
40°-50°	290.8	5.9
50°-60°	949.8	19.3
60°-70°	1601.3	32.5
70°-80°	871.7	17.7
80°-90°	329.6	6.7
90°-100°	200.4	4.1
100°-110°	126.4	2.6
110°-120°	96.1	1.9
120°-130°	82.2	1.7
130°-140°	55.2	1.1
140°-150°	45.5	0.9
150°-160°	21.5	0.4
160°-170°	8.5	0.2
170°-180°	2.8	0.1
0°-90°	4292.2	87.0
0°-180°	4930.8	100.0



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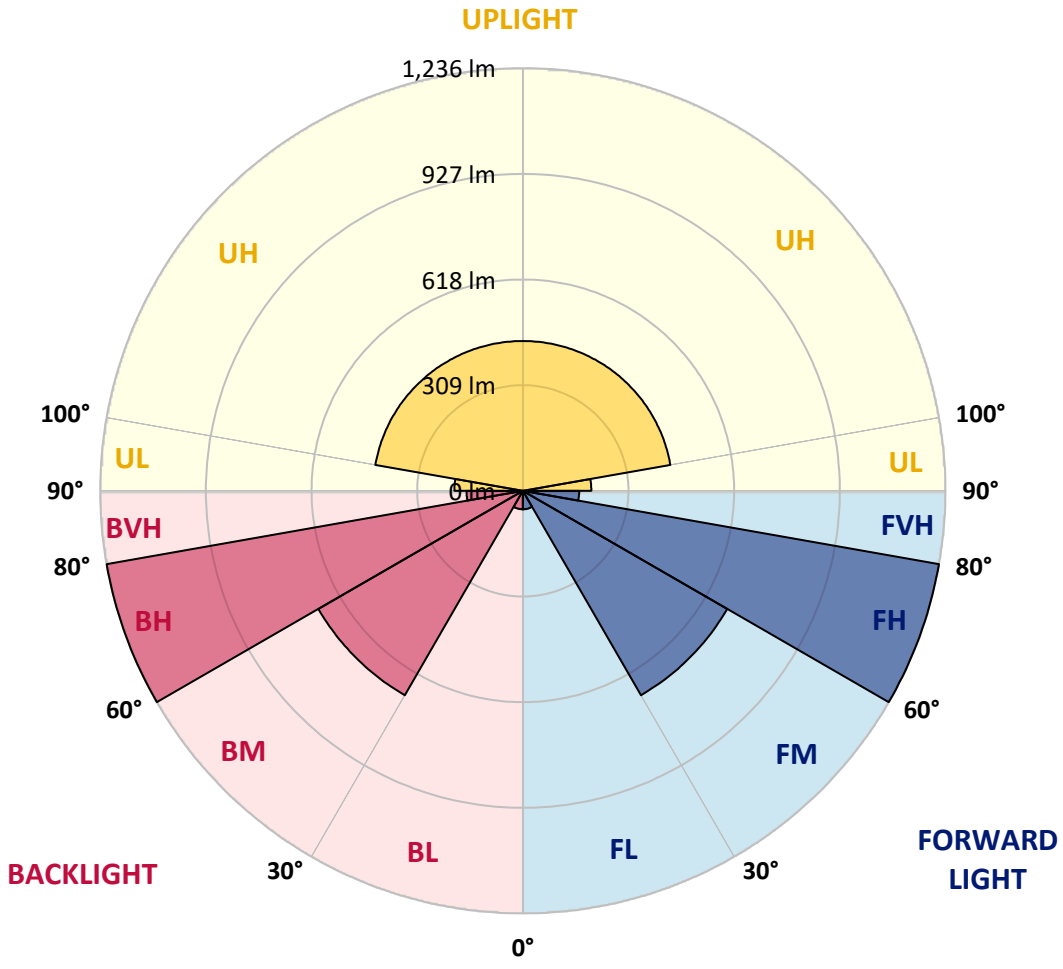
Scaled Data Report

REPORT NUMBER: P981134
CATALOG NUMBER: FFX-CLB-30-750-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°)	54.1	1.1			
FM	(30°-60°)	690.7	14.0			
FH	(60°-80°)	1236.5	25.1			G1/1800
FVH	(80°-90°)	164.8	3.3			G2/225
BL	(0°-30°)	54.1	1.1	B0/110		
BM	(30°-60°)	690.7	14.0	B1/1000		
BH	(60°-80°)	1236.5	25.1	B3/2500		G1/1800
BVH	(80°-90°)	164.8	3.3			G2/225
UL	(90°-100°)	200.4	4.1		U3/500	
UH	(100°-180°)	438.2	8.9		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°	134.3	134.3	134.3	134.3	134.3	134.3	134.3	134.3	134.3	134.3	134.3
2.5°	89.4	93.0	112.8	129.1	128.7	117.4	102.7	104.0	112.8	120.6	122.6
5°	90.1	88.8	87.8	83.9	82.6	84.5	83.2	79.3	77.7	78.0	84.2
7.5°	93.6	92.0	82.6	75.4	74.4	78.7	87.8	87.8	78.0	70.5	70.2
10°	84.2	83.9	87.1	90.4	91.4	87.5	83.6	81.6	80.9	80.3	79.6
12.5°	111.2	109.9	103.1	98.8	98.2	100.1	103.1	102.1	97.2	94.6	94.6
15°	110.5	111.2	112.2	110.5	110.2	110.5	112.2	111.2	109.6	107.6	107.6
17.5°	116.7	117.0	117.4	118.0	117.4	116.4	116.4	116.1	116.4	117.0	117.0
20°	126.1	126.5	126.5	126.5	126.1	124.2	124.2	124.5	124.2	124.8	124.5
22.5°	136.5	136.2	136.2	136.2	135.2	133.6	133.3	133.6	132.6	132.6	132.6
25°	146.6	147.3	148.2	147.9	146.3	145.0	144.0	144.3	143.7	143.7	143.7
27.5°	159.3	158.6	160.6	159.9	158.3	158.3	157.3	157.3	156.4	156.0	155.7
30°	173.6	173.3	173.3	173.6	173.0	172.3	172.3	171.7	170.0	170.4	171.0
32.5°	187.6	187.3	186.6	186.9	186.6	185.6	187.3	187.3	186.6	186.9	188.9
35°	201.2	203.2	207.7	211.0	212.0	211.6	212.9	215.2	213.6	212.6	213.6
37.5°	266.3	265.0	260.1	257.2	257.8	259.4	255.9	253.3	251.6	251.3	252.9
40°	300.4	299.1	291.9	292.6	287.7	289.3	291.0	293.2	291.6	288.0	288.0
42.5°	303.3	303.6	313.7	329.0	324.4	314.7	305.6	310.1	317.0	321.2	322.8
45°	348.2	352.4	352.4	353.4	353.7	354.0	347.5	350.5	356.0	362.8	362.5
47.5°	399.9	402.5	404.1	406.0	405.1	406.0	414.5	412.2	418.4	417.8	417.1
50°	508.1	519.2	521.1	528.6	524.1	525.0	540.6	541.9	541.9	541.0	542.3
52.5°	721.1	730.8	729.2	712.6	720.7	735.4	752.3	740.2	757.5	749.0	745.1
55°	991.5	991.9	1002.6	1025.7	1036.4	1025.0	1034.1	1011.7	1049.4	1054.0	1042.6
57.5°	1350.5	1357.3	1359.6	1365.4	1357.0	1355.7	1362.2	1348.2	1365.7	1348.5	1355.3
60°	1657.3	1648.6	1623.5	1588.1	1592.0	1606.0	1631.3	1622.6	1610.2	1586.2	1580.6
62.5°	1737.3	1736.0	1730.8	1717.8	1710.0	1703.8	1707.1	1720.4	1704.8	1715.5	1701.2
65°	1704.5	1703.5	1708.4	1719.8	1711.3	1690.5	1672.3	1694.1	1684.3	1720.1	1709.7
67.5°	1599.5	1595.3	1590.4	1611.5	1598.2	1568.3	1554.9	1556.9	1551.0	1586.8	1576.4
70°	1319.2	1312.4	1321.5	1355.0	1335.8	1309.2	1293.9	1300.4	1302.0	1324.8	1328.3
72.5°	988.6	997.1	1006.2	1028.6	1024.1	1009.4	1017.9	1027.6	1037.1	1045.5	1041.9
75°	782.5	792.6	774.4	785.4	781.5	792.9	800.7	805.3	804.3	795.5	791.6
77.5°	594.9	603.1	598.8	595.6	598.5	609.9	634.6	631.7	617.7	602.7	605.7
80°	427.8	442.1	443.8	442.5	448.6	450.3	471.1	465.5	454.2	453.8	457.1
82.5°	280.2	286.7	307.2	325.4	330.3	322.2	335.8	341.0	344.0	344.3	343.3
85°	259.4	266.6	261.7	271.5	273.7	276.0	278.3	280.2	283.5	286.4	287.7
87.5°	245.1	256.8	256.2	262.7	262.0	266.6	270.8	272.1	268.2	264.0	262.7
90°	219.1	228.5	232.1	236.0	238.0	237.3	240.9	240.9	238.3	236.3	235.7
92.5°	196.7	201.9	205.1	210.0	211.3	210.7	214.2	212.6	212.9	213.6	214.2
95°	186.0	188.2	187.3	189.2	186.6	184.3	185.6	183.7	182.7	181.1	181.1
97.5°	155.4	155.1	155.1	155.7	154.4	152.5	153.4	153.1	153.4	153.4	152.1
100°	136.2	135.9	133.9	133.6	133.3	132.6	131.7	132.0	132.0	131.7	132.0
102.5°	135.9	133.0	128.7	124.2	124.2	123.2	123.5	123.2	122.9	120.9	120.0
105°	138.5	133.9	126.8	117.7	116.4	116.7	117.7	117.4	116.1	114.1	112.8
107.5°	128.1	122.9	118.7	112.8	111.2	110.9	111.5	111.8	110.5	107.9	106.0
110°	113.5	111.5	109.6	107.3	105.7	105.3	105.3	105.3	104.0	103.1	100.8

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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°	*107.0*	104.7	102.4	100.5	99.5	99.2	98.5	97.9	96.9	95.9	94.6
115°	*100.8*	100.8	99.2	92.0	90.4	90.1	89.7	89.7	89.7	89.7	89.4
117.5°	*109.2*	108.3	102.1	93.0	90.1	88.4	87.1	87.8	87.5	89.7	89.1
120°	*125.2*	118.0	104.7	98.2	95.6	94.3	94.6	94.9	94.6	94.0	92.7
122.5°	*123.9*	116.1	107.9	103.1	100.1	99.8	101.1	100.8	97.9	93.3	89.7
125°	*108.9*	104.7	99.8	95.3	93.6	93.0	93.6	92.7	90.7	88.4	84.9
127.5°	*84.5*	83.9	81.3	79.3	79.6	80.6	82.2	82.2	81.3	80.0	78.0
130°	*75.7*	75.1	75.4	76.1	75.7	75.7	74.1	72.8	75.1	77.0	76.1
132.5°	*69.9*	70.2	73.5	78.3	77.4	74.8	70.9	70.2	73.8	77.7	77.4
135°	*67.3*	67.6	70.2	75.1	73.8	70.5	68.9	69.2	71.2	73.1	72.8
137.5°	*67.3*	67.3	66.6	68.3	68.3	68.3	67.9	68.9	70.2	70.2	69.2
140°	*66.3*	67.0	65.0	65.3	66.3	67.3	67.6	68.9	69.2	68.9	67.6
142.5°	*60.8*	61.4	63.4	66.0	66.6	67.3	69.2	68.9	68.9	68.9	68.3
145°	*74.8*	74.8	76.4	78.7	77.7	76.4	77.0	77.4	78.0	78.7	78.0
147.5°	*82.6*	82.6	80.6	80.0	78.3	78.3	80.3	80.0	79.6	79.0	79.3
150°	*68.3*	67.9	66.3	65.7	65.7	65.0	66.0	66.0	65.0	64.4	64.7
152.5°	*48.8*	49.1	48.4	49.1	50.1	51.0	52.0	52.7	52.7	52.7	52.0
155°	*44.2*	43.6	43.2	43.9	44.2	43.9	43.2	43.2	43.2	42.6	42.3
157.5°	*38.4*	38.0	37.7	38.0	38.0	38.4	38.7	39.0	39.0	38.4	38.0
160°	*33.2*	33.2	33.2	33.5	33.5	33.2	32.8	33.2	33.8	33.8	33.8
162.5°	*29.9*	30.2	30.6	31.2	31.2	30.6	29.9	29.9	30.6	31.2	31.2
165°	*27.6*	27.6	28.3	29.6	29.9	28.9	28.0	28.0	28.9	30.2	30.6
167.5°	*27.6*	28.0	28.9	29.9	29.6	28.6	27.6	27.6	28.6	29.6	29.6
170°	*29.6*	29.6	29.3	28.9	28.6	28.6	28.6	28.9	29.3	28.9	28.9
172.5°	*31.2*	30.9	29.9	28.9	28.6	29.6	30.2	29.9	29.6	28.9	28.9
175°	*31.9*	31.5	30.9	30.2	30.2	30.9	31.2	30.6	29.9	29.6	29.3
177.5°	*28.6*	28.6	28.3	28.3	28.6	28.3	28.3	28.3	28.0	27.6	27.3
180°	*24.7*	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7

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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

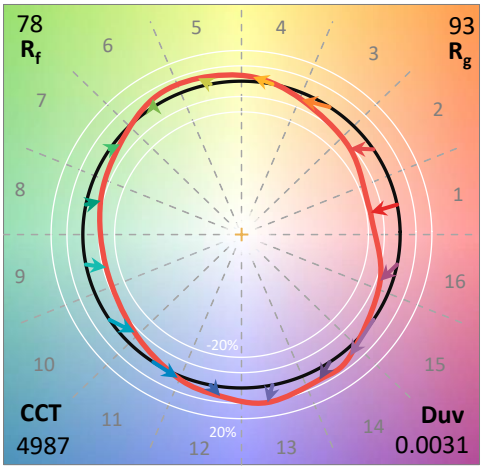
Test Information

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

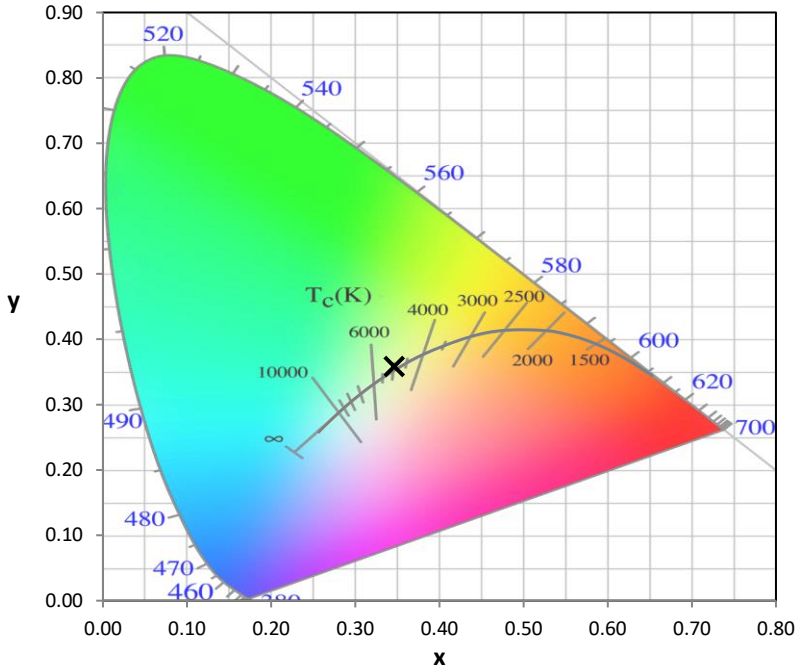
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

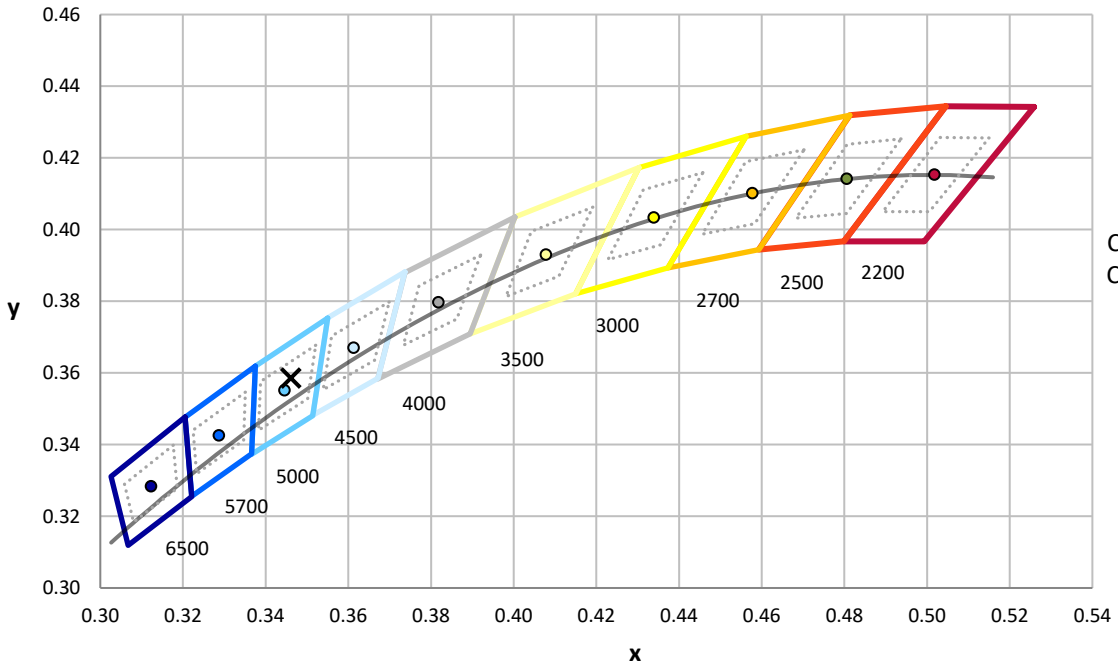
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

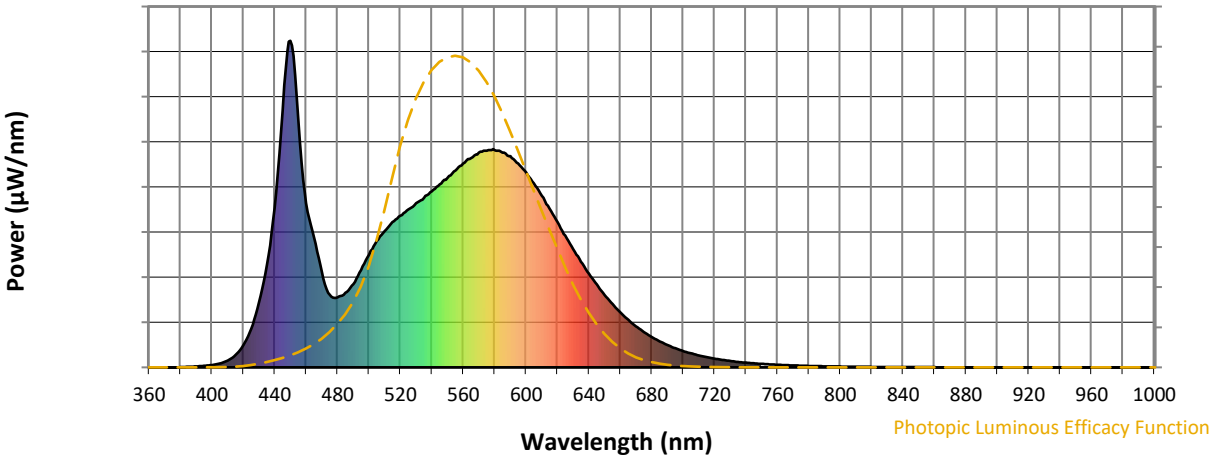


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

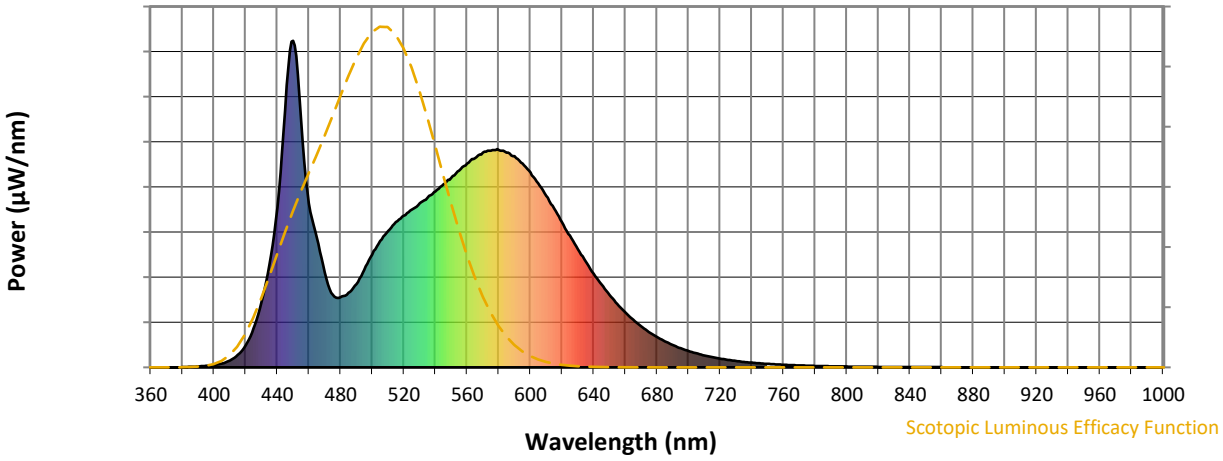


Photopic Lumens: NR

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

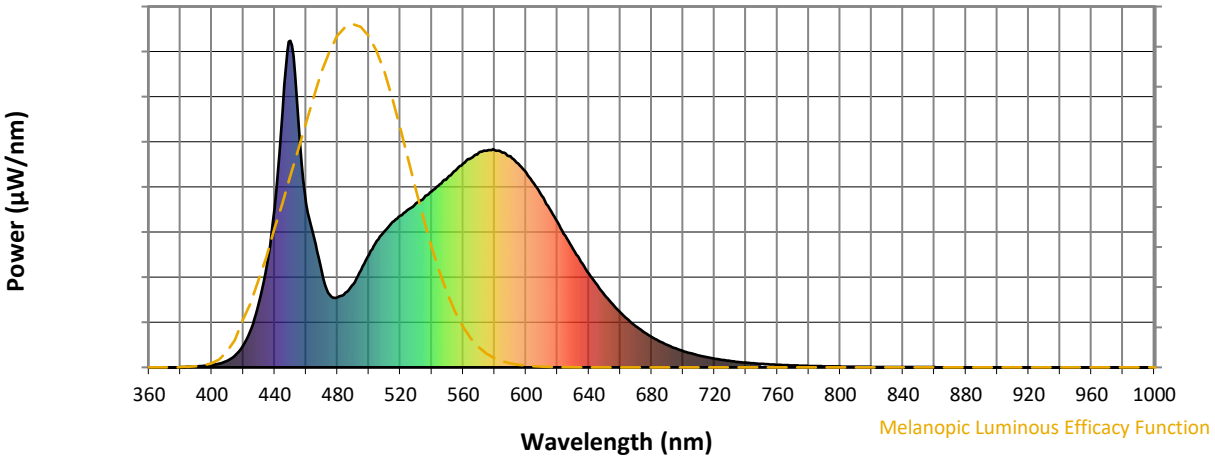


Scotopic Lumens: NR **S/P: 1.87**

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			

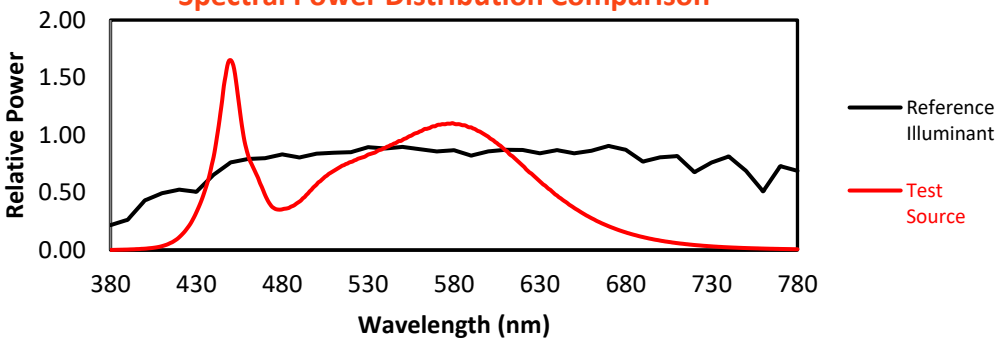
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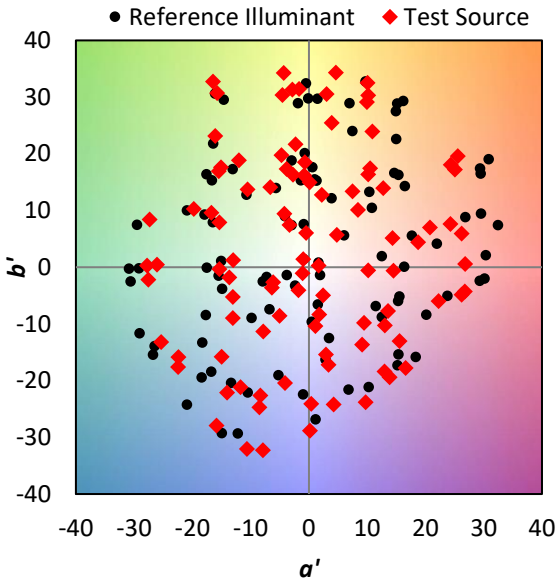
Summary

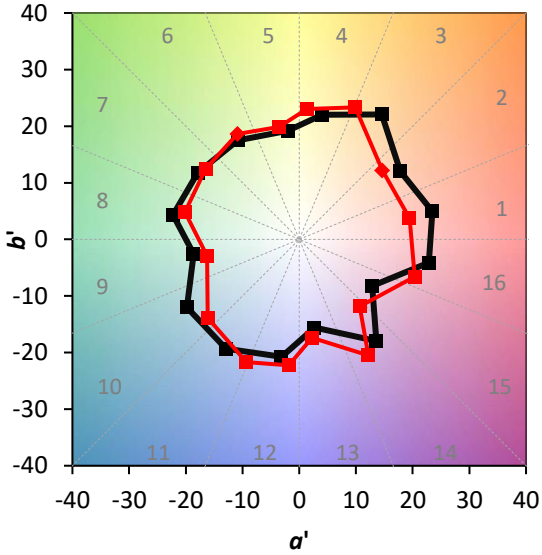
R_f = 78.3
R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

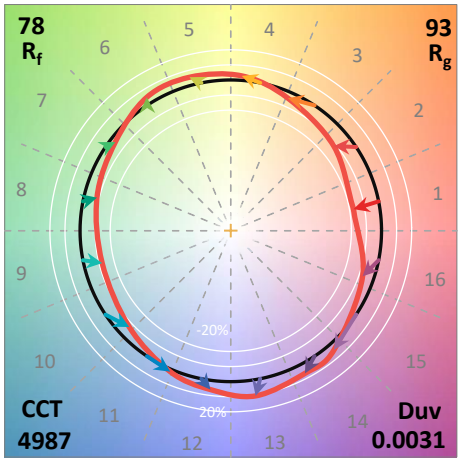
Spectral Power Distribution Comparison

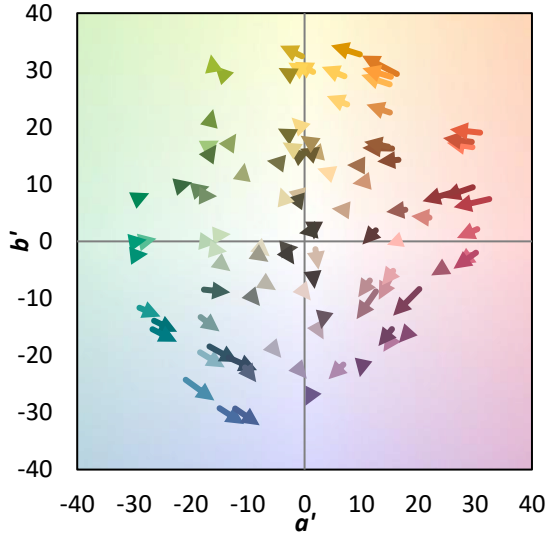


Color Vector Graphics







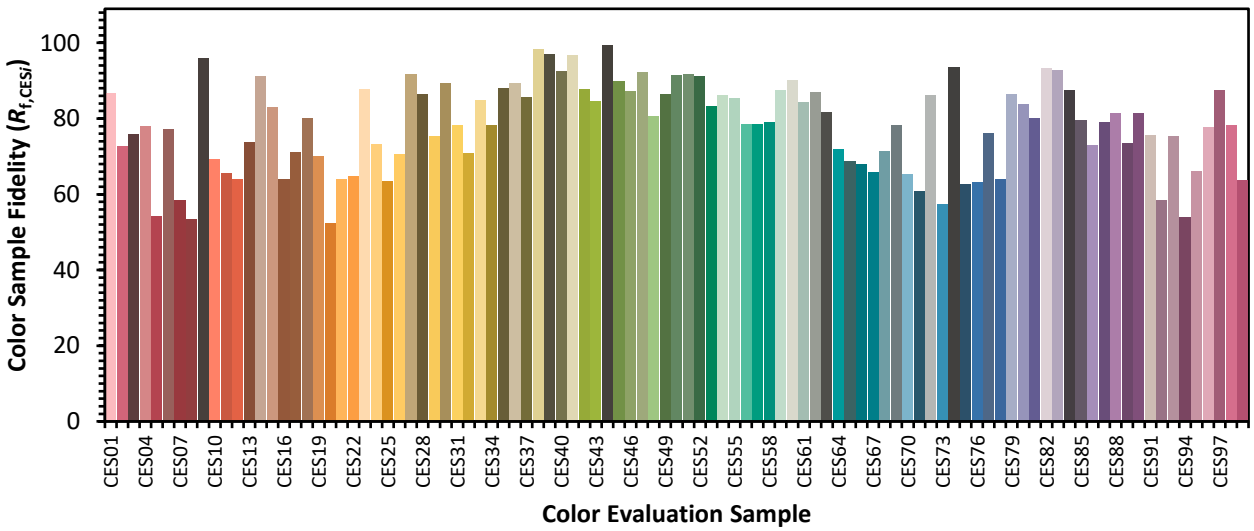


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Individual Sample Fidelity Index ($R_{f,i}$)

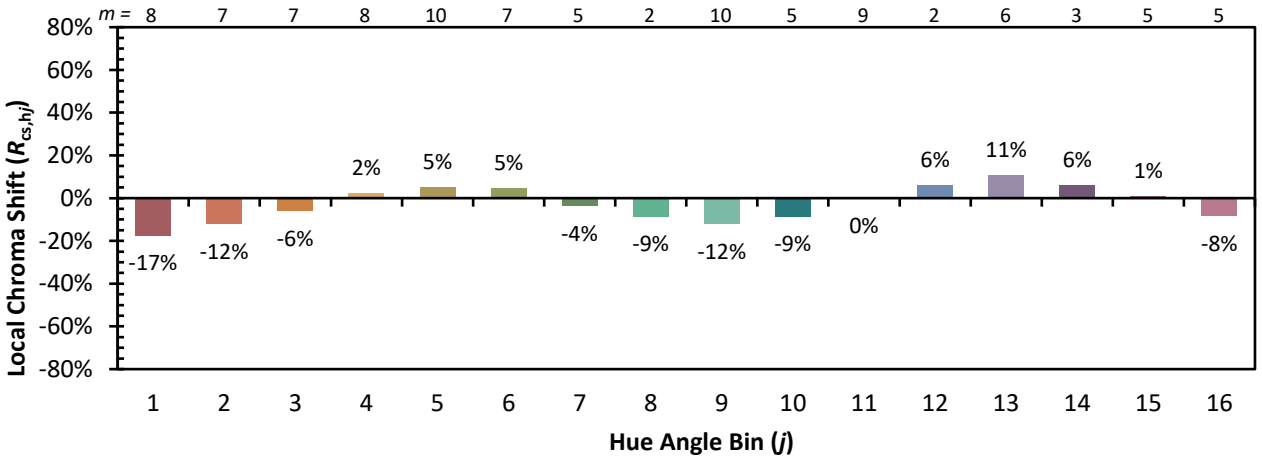
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82 = 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	

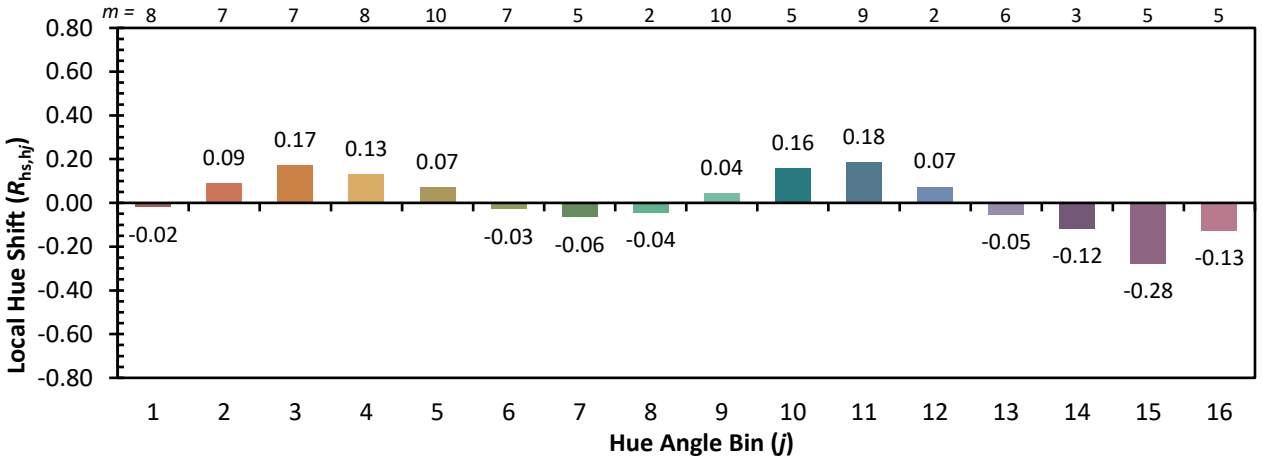


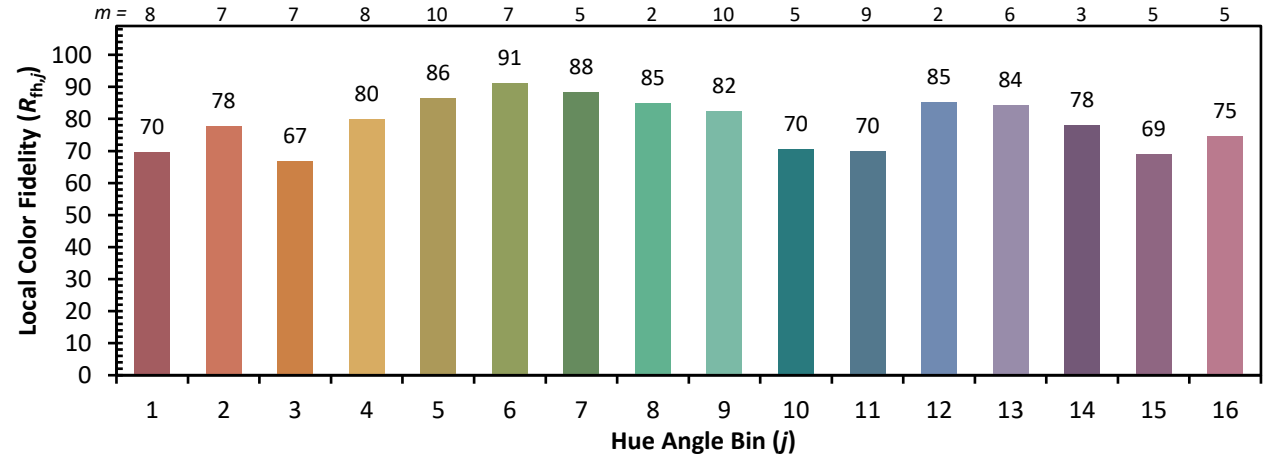
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Color Rendition by Hue-Angle Bin



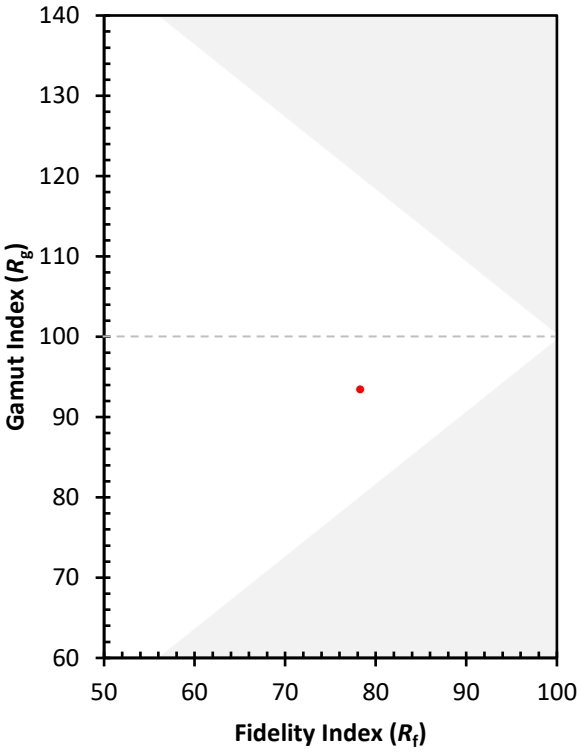


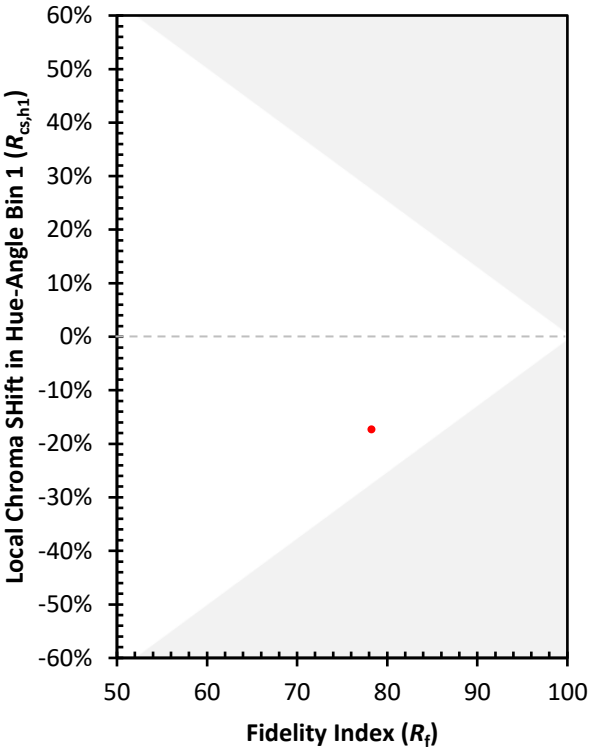


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Measure Comparisons





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