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: P981072

Luminaire Tested: **FFX-CLB-20-730-U-FR-T5**

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:	P981072
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-730-U-FR-T5
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3277.8 lumens
Efficiency:	N/A
Efficacy:	165.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B2 - U3 - G1

Input Watts (W):	19.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	9.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

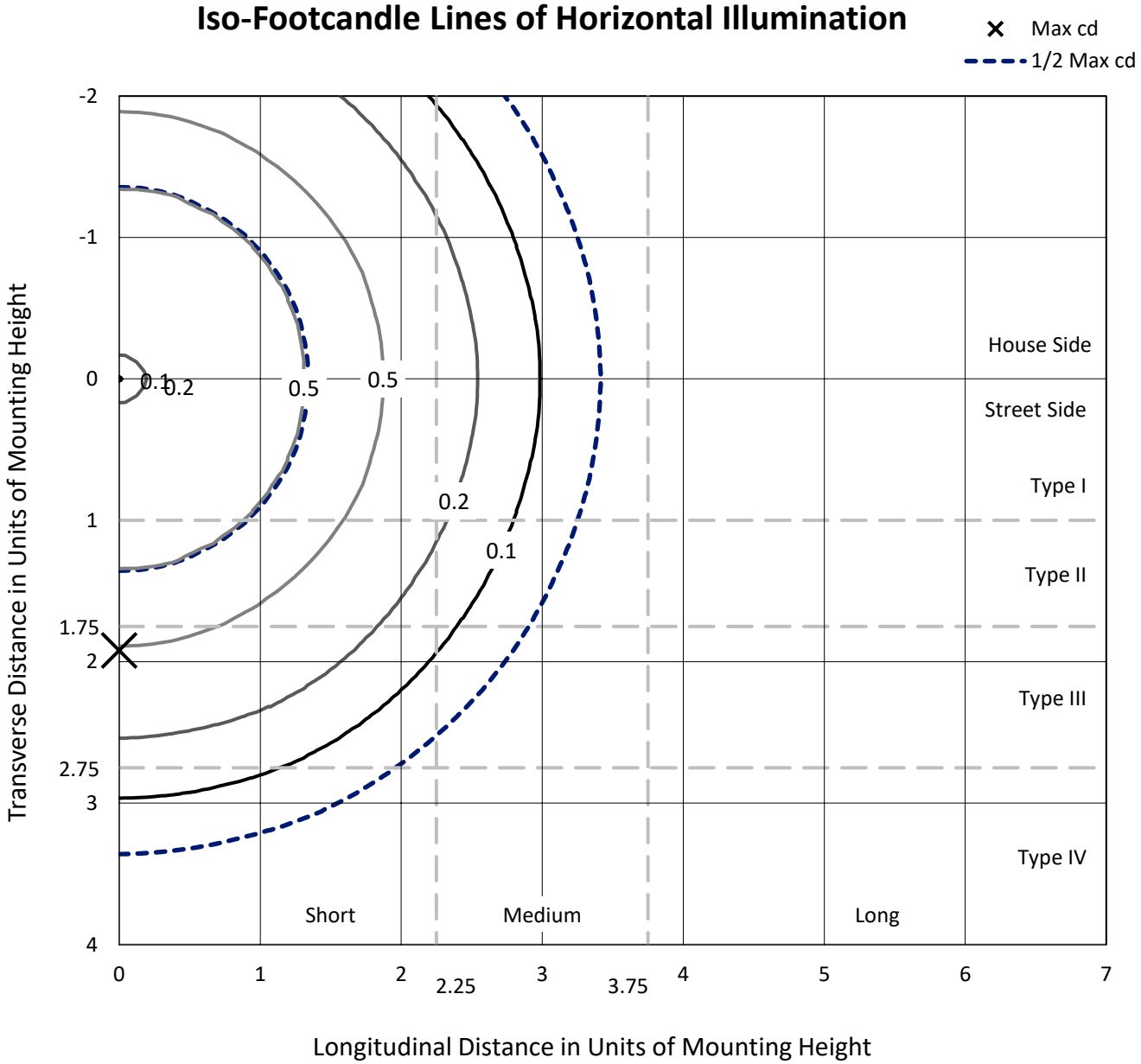


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Scaled Data Report

REPORT NUMBER: P981072
CATALOG NUMBER: FFX-CLB-20-730-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



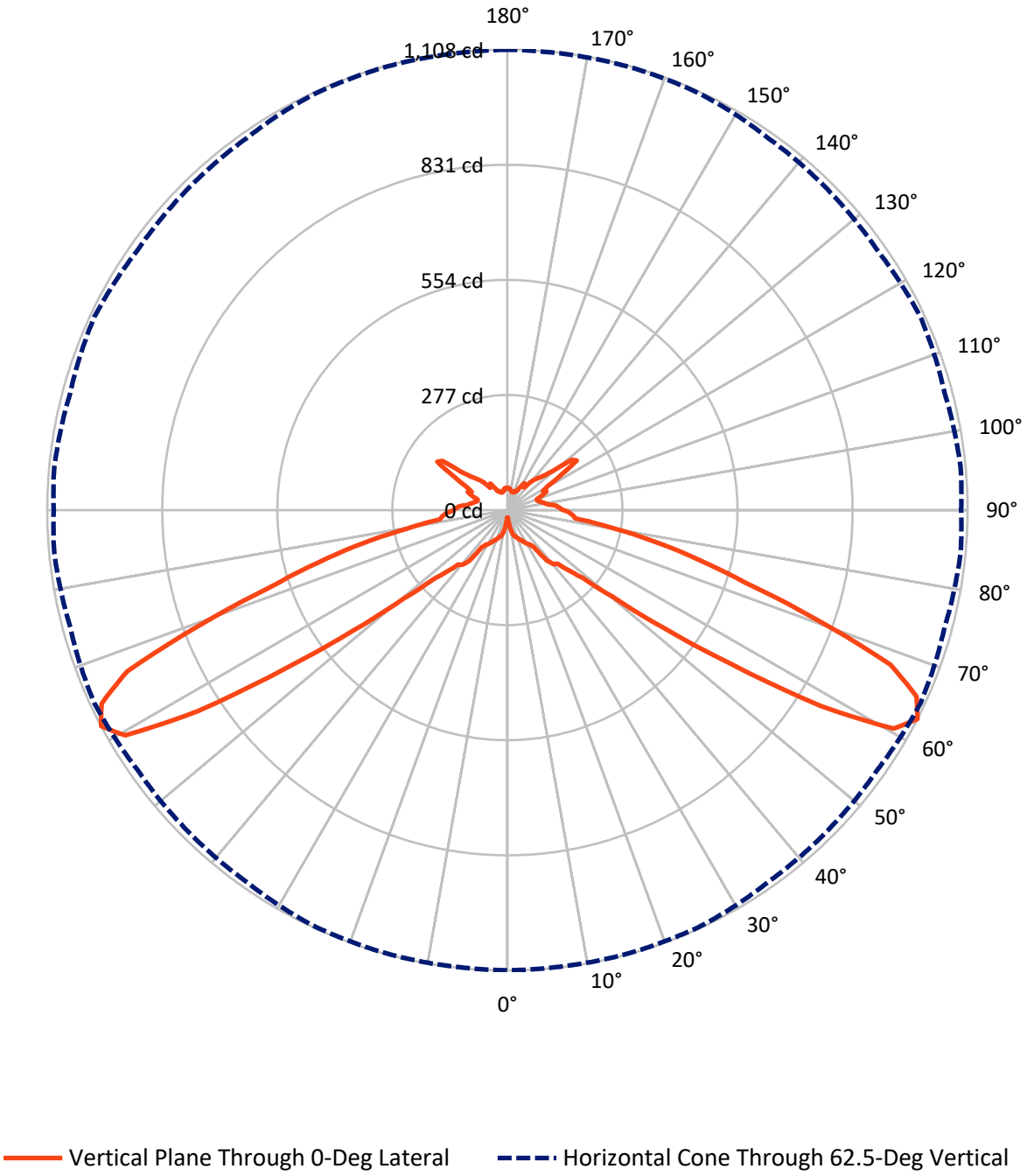
Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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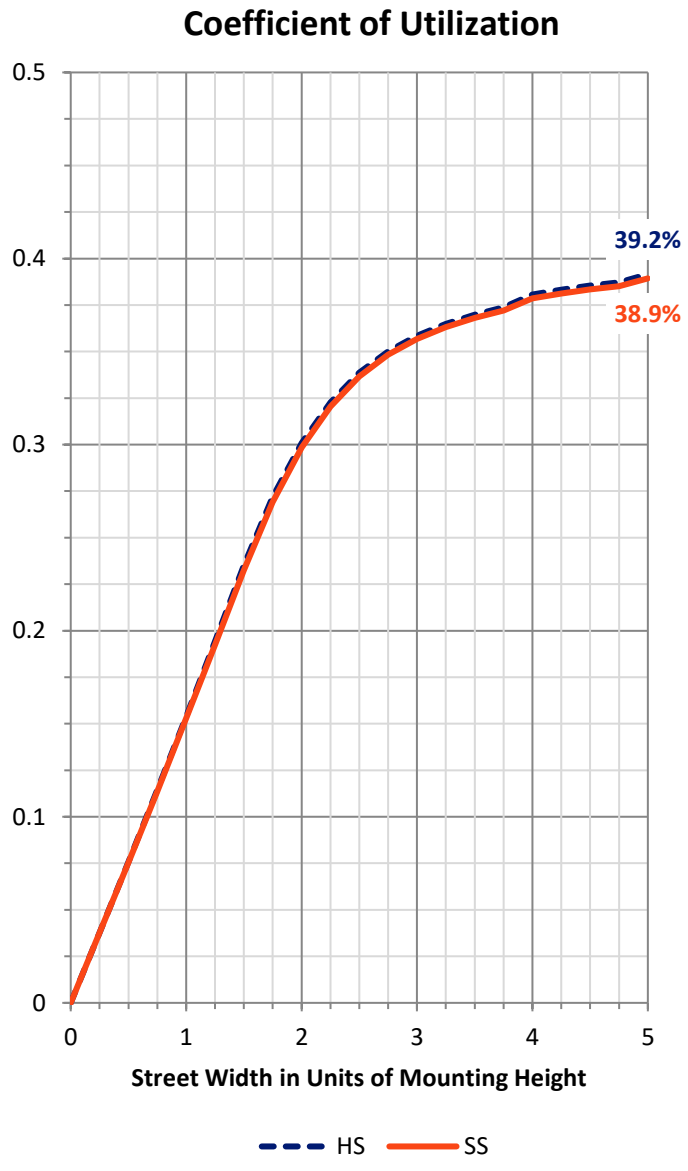
REPORT NUMBER: P981072
CATALOG NUMBER: FFX-CLB-20-730-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1327.4	311.5	1638.9
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	1327.4	311.5	1638.9
	% Fixture	40.5	9.5	50.0
Total	Lumens	2654.8	623.0	3277.8
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.4	0.1
10°-20°	18.2	0.6
20°-30°	38.7	1.2
30°-40°	78.3	2.4
40°-50°	174.9	5.3
50°-60°	616.9	18.8
60°-70°	1009.6	30.8
70°-80°	519.4	15.8
80°-90°	195.4	6.0
90°-100°	125.8	3.8
100°-110°	83.9	2.6
110°-120°	90.1	2.7
120°-130°	147.4	4.5
130°-140°	88.2	2.7
140°-150°	45.8	1.4
150°-160°	24.0	0.7
160°-170°	13.0	0.4
170°-180°	4.9	0.1
0°-90°	2654.8	81.0
0°-180°	3277.8	100.0



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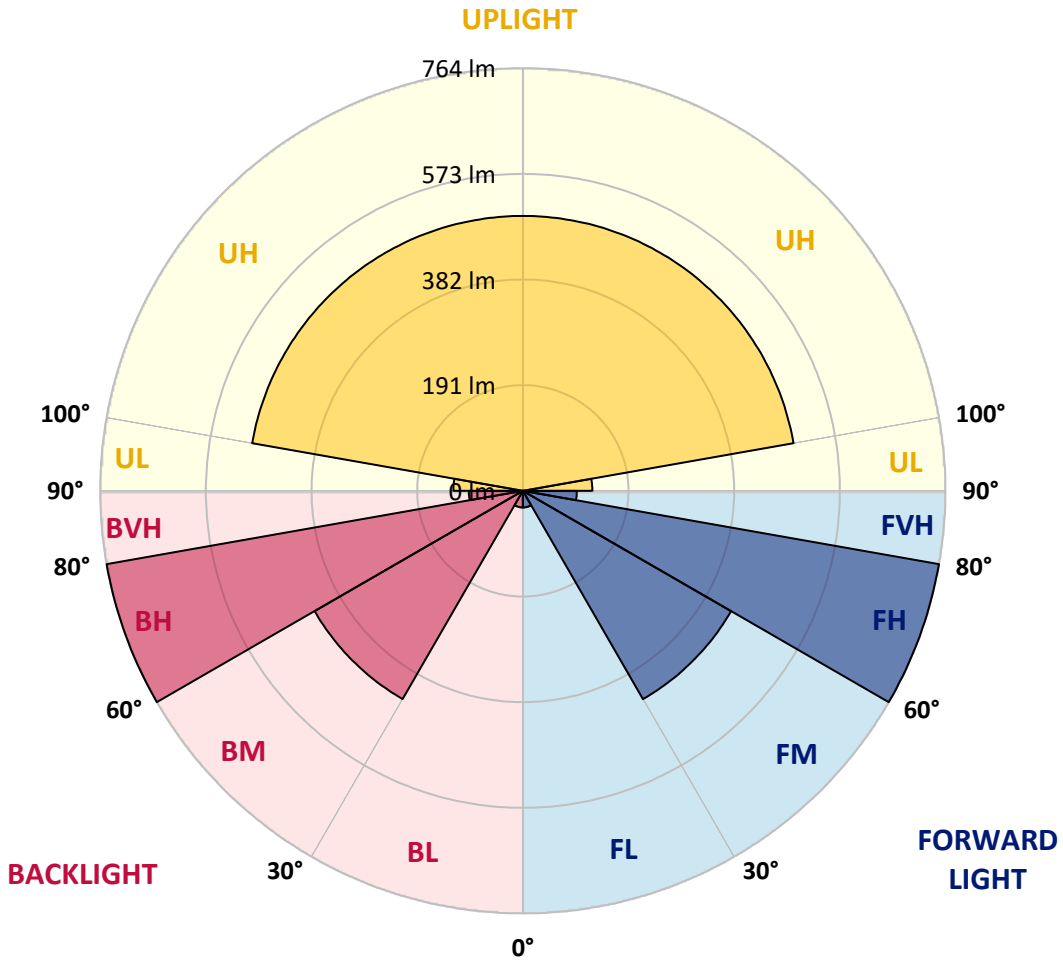
Scaled Data Report

REPORT NUMBER: P981072
CATALOG NUMBER: FFX-CLB-20-730-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	30.2	0.9			
FM	(30°-60°)	435.0	13.3			
FH	(60°-80°)	764.5	23.3			G1/1800
FVH	(80°-90°)	97.7	3.0			G1/100
BL	(0°-30°)	30.2	0.9	B0/110		
BM	(30°-60°)	435.0	13.3	B1/1000		
BH	(60°-80°)	764.5	23.3	B2/1000		G1/1800
BVH	(80°-90°)	97.7	3.0			G1/100
UL	(90°-100°)	125.8	3.8		U3/500	
UH	(100°-180°)	497.2	15.2		U3/500	

BUG Rating: B2-U3-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
2.5°	18.7	18.9	19.5	19.9	20.1	19.7	19.9	20.4	20.4	20.6	20.6
5°	27.7	27.9	27.7	27.5	27.3	27.7	27.9	27.7	27.1	27.3	27.1
7.5°	40.9	40.9	39.2	38.8	38.4	40.3	41.3	40.9	38.8	36.9	36.5
10°	50.4	50.1	48.7	46.8	46.6	47.8	50.6	51.2	47.8	45.5	45.1
12.5°	59.8	58.3	57.5	55.6	55.8	56.6	58.5	58.7	56.4	54.6	53.3
15°	65.5	65.7	65.7	64.6	64.2	65.0	65.9	66.5	64.8	63.4	62.5
17.5°	68.0	68.2	68.8	69.4	69.4	69.0	69.0	69.2	69.2	69.2	69.0
20°	73.2	73.4	73.2	73.6	74.3	73.9	73.2	73.4	73.2	73.4	73.2
22.5°	77.4	77.2	77.2	77.8	78.3	78.1	77.4	77.6	77.2	77.4	77.4
25°	81.8	82.0	82.5	82.7	82.9	82.9	82.7	83.1	82.9	82.5	82.5
27.5°	87.9	87.9	87.9	87.9	88.8	88.8	88.3	88.5	87.9	87.5	87.3
30°	93.8	94.0	93.6	94.0	94.8	94.4	94.2	94.6	93.8	93.6	93.6
32.5°	99.2	99.2	99.0	100.3	100.5	100.1	100.7	101.1	101.6	101.3	102.4
35°	108.5	108.9	112.5	115.6	116.7	116.4	117.3	117.7	116.9	116.9	116.2
37.5°	153.2	153.0	147.9	143.1	145.4	148.3	145.4	144.6	142.9	142.0	141.6
40°	171.0	171.0	166.4	166.8	165.1	165.3	166.4	169.7	167.9	164.5	164.7
42.5°	176.5	178.1	183.6	193.4	189.9	184.2	177.5	179.8	184.6	187.6	188.2
45°	207.5	209.8	210.2	209.8	208.1	210.4	208.8	210.0	210.7	214.4	216.1
47.5°	244.0	243.2	243.4	248.6	246.7	248.2	251.4	250.9	253.7	253.2	254.7
50°	327.1	329.4	326.1	332.8	334.4	331.9	344.1	344.1	345.4	339.9	340.5
52.5°	470.2	464.7	464.7	466.4	466.8	474.6	483.2	483.0	486.1	483.2	489.7
55°	654.4	653.2	655.9	675.4	677.5	670.8	672.7	664.1	691.8	684.6	689.9
57.5°	888.8	891.9	888.4	888.6	886.9	885.0	895.5	877.7	891.1	876.0	876.4
60°	1068.2	1064.0	1052.2	1029.1	1027.3	1034.2	1045.9	1046.6	1033.1	1024.7	1017.6
62.5°	1107.8	1106.4	1105.9	1104.0	1093.3	1090.4	1088.1	1097.5	1089.6	1095.7	1092.1
65°	1082.4	1076.1	1081.8	1090.8	1083.9	1070.3	1058.5	1074.9	1069.6	1092.3	1080.5
67.5°	994.5	988.6	986.3	1004.2	995.6	974.0	966.0	969.8	963.7	988.6	984.0
70°	789.3	789.5	794.1	817.2	808.6	792.7	783.0	785.5	791.6	812.6	806.7
72.5°	598.8	597.6	603.0	608.9	609.3	608.0	605.5	607.4	611.0	622.5	625.5
75°	472.5	472.1	463.3	466.4	465.2	470.8	479.2	478.0	479.8	471.0	468.5
77.5°	357.5	357.9	354.6	353.1	351.9	361.1	374.5	375.1	366.1	359.6	356.9
80°	247.4	249.1	259.1	259.3	261.2	261.2	271.9	270.7	267.5	267.3	267.3
82.5°	164.1	167.0	177.3	189.0	190.9	188.6	194.5	196.2	200.2	203.1	203.9
85°	157.8	163.0	159.7	164.7	164.9	166.4	168.7	169.5	169.1	169.7	168.5
87.5°	147.7	154.2	153.4	156.7	157.6	159.9	162.4	163.4	161.3	159.7	159.2
90°	131.1	137.2	140.2	142.9	143.7	143.1	144.8	145.2	145.0	143.1	142.7
92.5°	124.2	126.5	128.2	130.3	132.8	131.3	132.4	131.3	133.0	132.6	133.0
95°	115.4	116.2	115.2	116.4	116.9	115.4	115.2	115.2	114.3	113.3	113.7
97.5°	97.6	99.0	98.6	98.6	98.8	98.2	98.4	98.2	98.6	98.0	97.8
100°	91.1	91.1	90.6	90.4	90.2	89.6	89.4	88.8	88.8	88.1	87.7
102.5°	84.3	85.0	84.3	84.1	84.1	83.1	83.3	83.3	82.9	82.7	81.6
105°	79.5	79.3	78.9	78.1	77.2	77.2	77.6	77.4	76.8	76.6	75.7
107.5°	75.1	74.7	74.1	72.8	72.4	72.6	73.2	73.4	73.2	72.4	71.8
110°	76.0	75.3	74.3	73.9	74.5	74.9	75.1	75.5	76.8	77.2	76.4

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CATALOG NUMBER: FFX-CLB-20-730-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*91.5*	90.4	89.8	87.1	89.2	89.6	89.2	89.4	90.0	89.2	89.6
115°	*104.5*	105.5	105.7	97.4	97.6	96.3	95.0	94.6	92.7	94.2	99.0
117.5°	*96.5*	99.9	92.5	88.8	86.4	85.6	87.7	88.1	86.2	88.5	95.5
120°	*110.8*	112.3	97.1	89.8	89.6	93.2	98.8	100.5	98.4	102.8	110.8
122.5°	*150.4*	149.4	147.9	149.2	145.8	145.6	150.2	149.6	143.9	144.6	146.5
125°	*205.0*	204.6	201.8	199.1	196.8	198.1	196.2	193.9	189.7	189.0	189.0
127.5°	*196.2*	196.2	194.3	192.8	190.5	190.7	190.5	186.3	184.6	184.8	184.8
130°	*144.4*	144.6	150.4	155.7	154.2	154.8	151.1	149.8	155.3	160.3	160.3
132.5°	*122.3*	122.7	129.2	133.2	131.1	126.9	123.0	123.4	126.7	131.8	131.6
135°	*109.3*	110.2	110.6	110.2	108.9	107.8	107.6	108.7	109.5	113.1	113.9
137.5°	*99.0*	98.4	96.3	94.4	92.9	95.7	97.4	96.9	96.1	95.5	95.9
140°	*87.1*	86.2	83.3	82.9	83.7	85.0	85.4	85.8	86.0	85.6	85.4
142.5°	*68.0*	68.6	71.3	74.7	74.9	72.8	73.0	73.0	73.9	74.9	74.5
145°	*68.2*	68.6	69.7	72.2	72.2	70.5	69.9	70.5	72.4	74.5	74.5
147.5°	*76.0*	75.3	73.9	73.2	72.6	72.4	72.4	70.9	71.1	71.1	71.1
150°	*64.6*	64.4	63.6	63.2	62.9	62.7	63.8	63.6	64.0	63.6	63.4
152.5°	*53.3*	53.1	52.2	51.6	51.8	53.1	54.8	55.4	55.0	54.1	53.7
155°	*50.6*	50.8	49.5	49.1	49.3	49.9	50.4	50.4	49.5	48.5	48.5
157.5°	*47.8*	48.0	47.4	47.0	47.2	47.6	48.3	48.5	47.8	47.0	46.8
160°	*45.7*	45.5	45.3	45.3	45.3	45.3	45.5	45.7	45.5	45.3	45.1
162.5°	*44.7*	44.7	44.7	44.7	44.9	44.7	44.7	44.7	44.7	44.7	44.7
165°	*44.5*	44.5	44.7	45.1	45.3	45.1	45.1	45.1	45.3	45.7	45.7
167.5°	*46.4*	46.2	46.8	47.0	47.2	47.0	46.8	46.6	46.8	47.2	47.2
170°	*48.5*	48.7	48.7	48.9	48.9	48.7	48.5	48.7	48.5	48.7	48.7
172.5°	*50.6*	50.6	50.6	50.4	50.4	50.4	50.4	50.4	50.4	50.1	50.1
175°	*52.2*	52.2	52.2	52.2	52.0	52.2	52.5	52.5	52.2	52.2	51.8
177.5°	*53.7*	53.7	53.7	53.7	53.7	53.7	53.7	53.5	53.5	53.5	53.3
180°	*53.9*	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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: SP1-2501-332-4

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

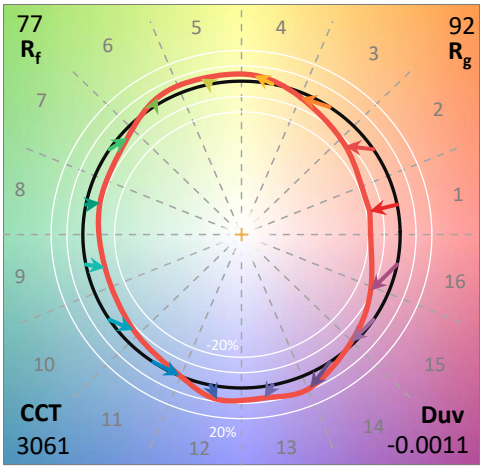
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-4
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-100-730-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3061	CRI (Ra):	71.7		
CIE u':	0.2489	R1:	67.8	R9:	-40.3
CIE v':	0.5187	R2:	85.0	R10:	67.2
Duv:	-0.0011	R3:	92.9	R11:	61.6
CIE x:	0.4312	R4:	66.0	R12:	59.9
CIE y:	0.3995	R5:	68.5	R13:	71.4
CIE z:	0.1693	R6:	80.2	R14:	96.3
Peak Wavelength (nm):	592	R7:	74.5	R15:	58.8
Dominant Wavelength (nm):	582	R8:	39.0		
Purity:	49.32381				

Rf:	76.8
Rg:	92.2



Test Conditions

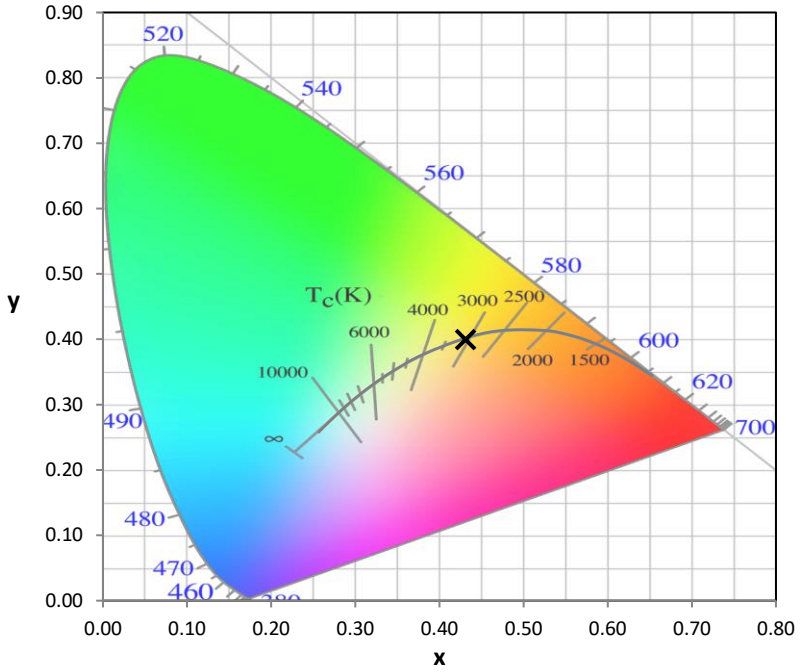
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

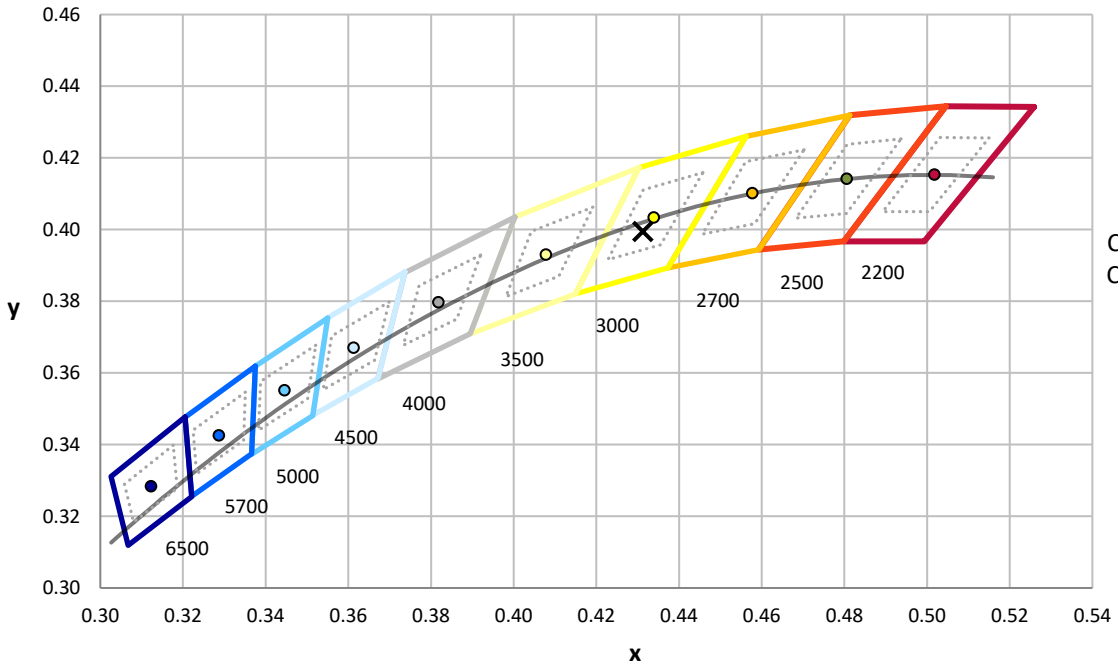
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-4

CIE 1931 Chromaticity Diagram



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

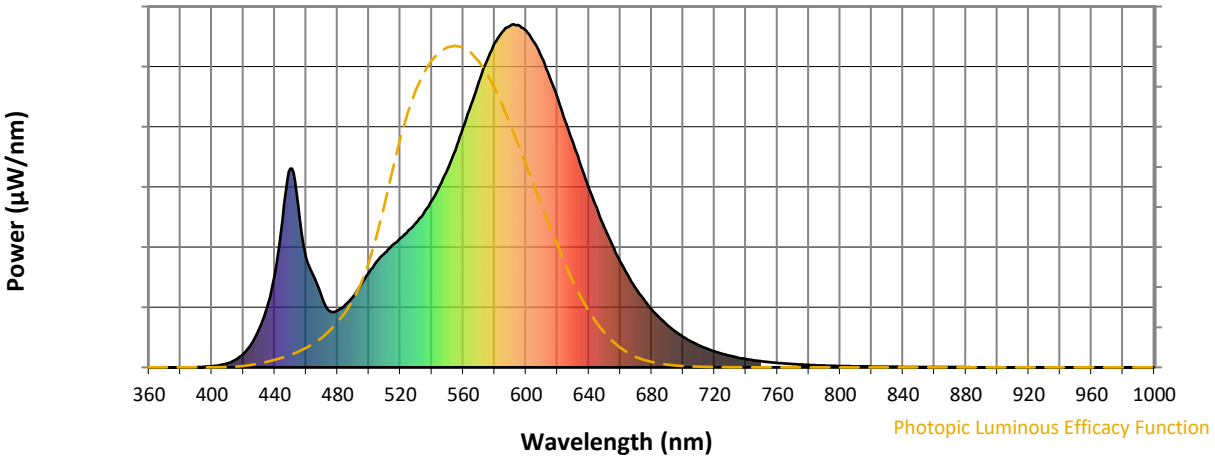


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

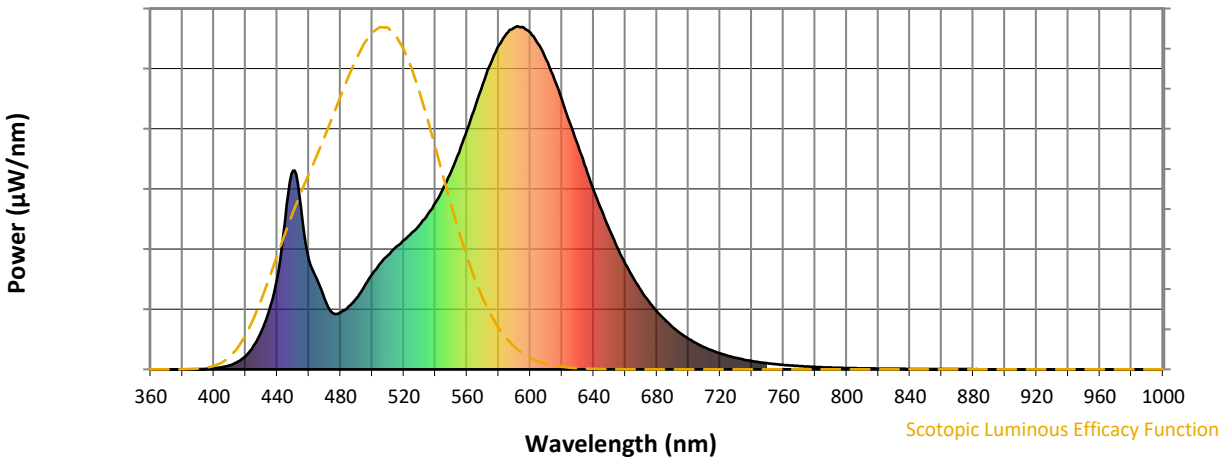


Photopic Lumens: NR

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

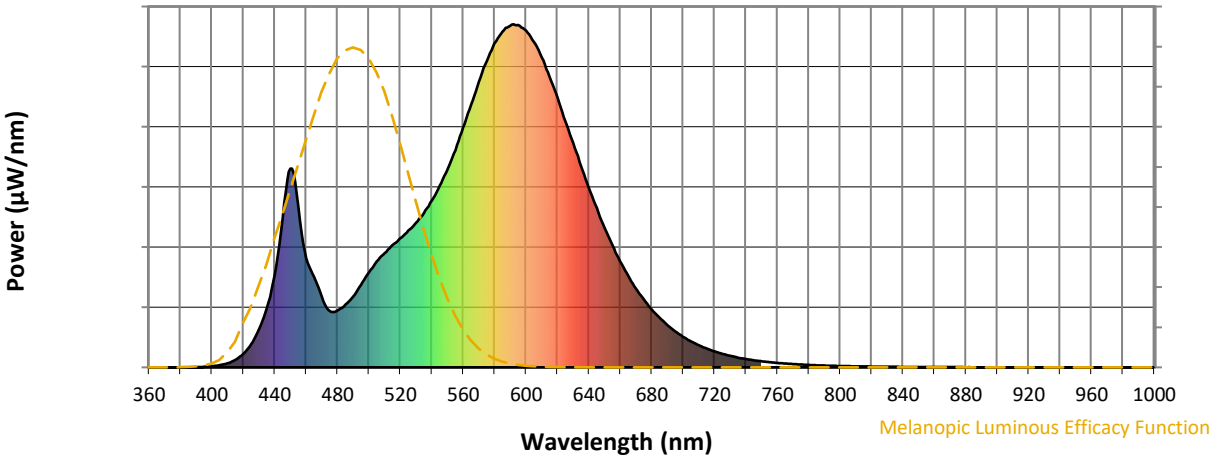


Scotopic Lumens: NR **S/P: 1.29**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.47**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

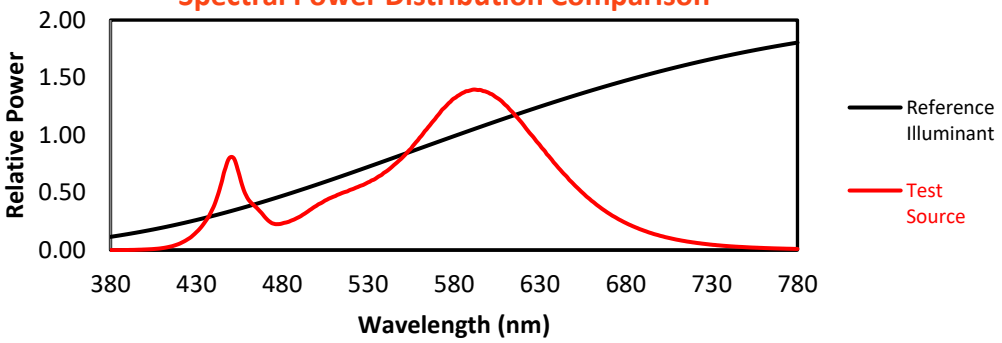
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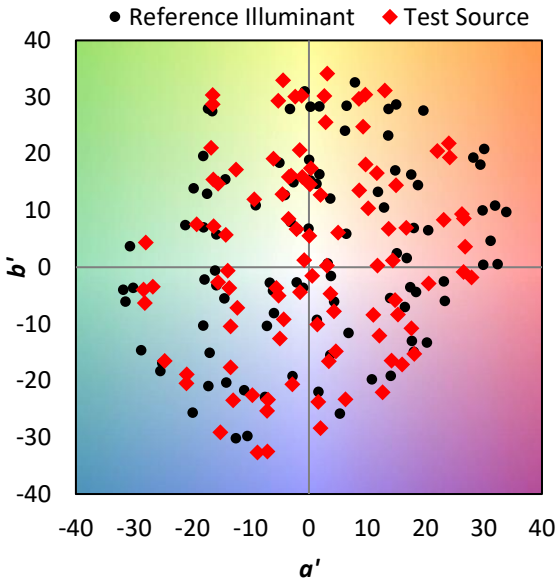
Summary

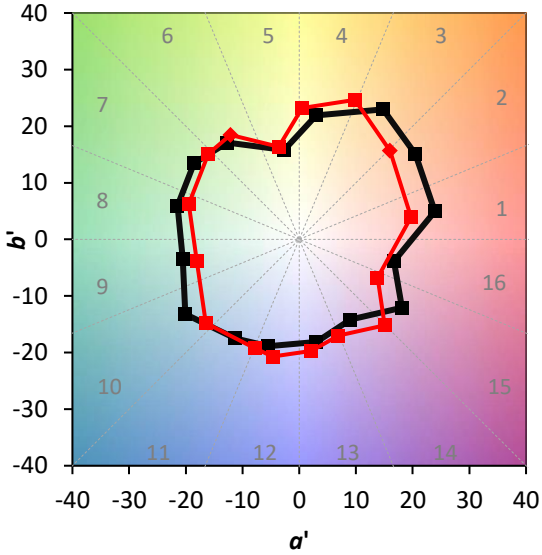
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

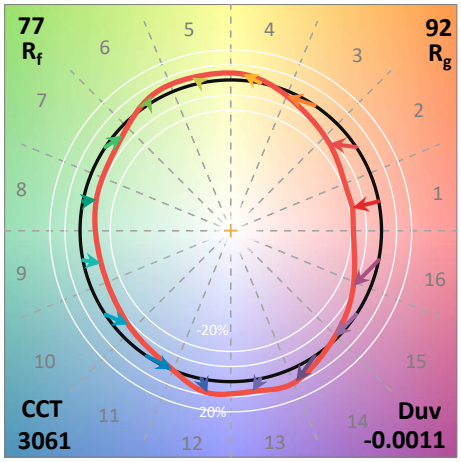
Spectral Power Distribution Comparison

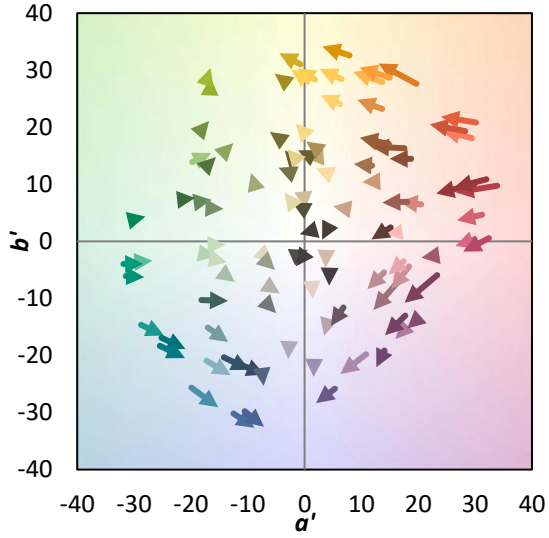


Color Vector Graphics







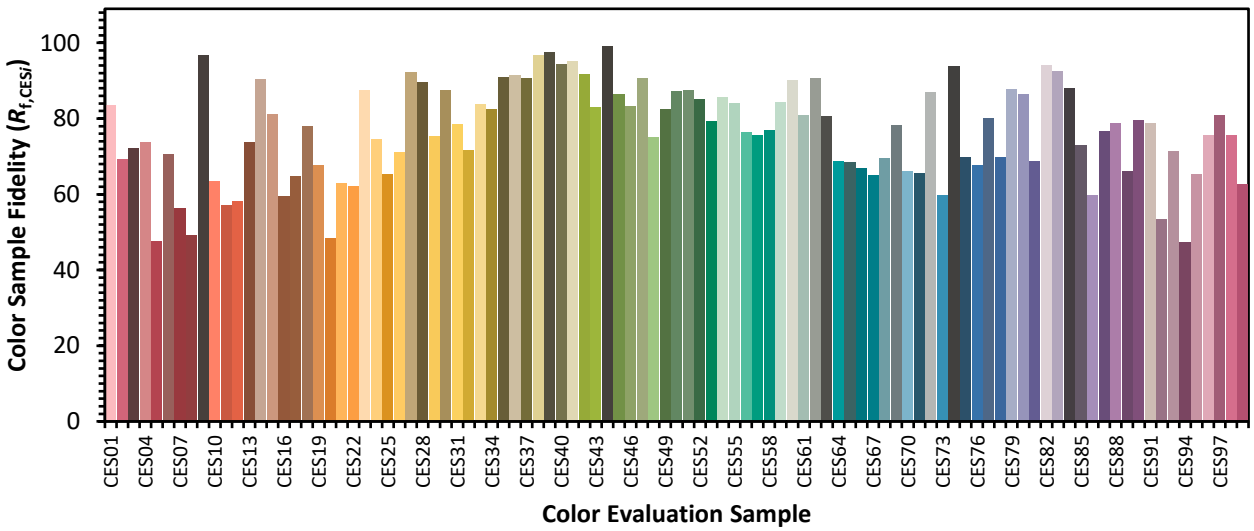


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Individual Sample Fidelity Index ($R_{f,i}$)

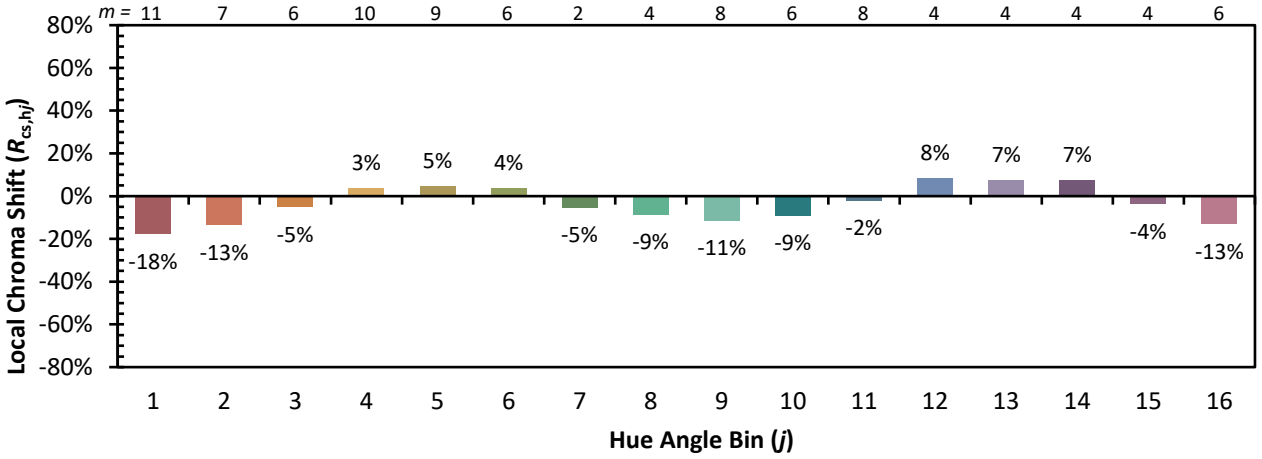
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 40	CES33 = 84	CES58 = 77	CES83 = 92
CES09 = 29	CES34 = 83	CES59 = 84	CES84 = 88
CES10 = 76	CES35 = 91	CES60 = 90	CES85 = 73
CES11 = 59	CES36 = 92	CES61 = 81	CES86 = 60
CES12 = 65	CES37 = 91	CES62 = 91	CES87 = 77
CES13 = 43	CES38 = 97	CES63 = 81	CES88 = 79
CES14 = 74	CES39 = 98	CES64 = 69	CES89 = 66
CES15 = 71	CES40 = 94	CES65 = 69	CES90 = 80
CES16 = 47	CES41 = 95	CES66 = 67	CES91 = 79
CES17 = 50	CES42 = 92	CES67 = 65	CES92 = 53
CES18 = 56	CES43 = 83	CES68 = 70	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 78	CES94 = 47
CES20 = 66	CES45 = 87	CES70 = 66	CES95 = 65
CES21 = 87	CES46 = 83	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 91	CES72 = 87	CES97 = 81
CES23 = 92	CES48 = 75	CES73 = 60	CES98 = 76
CES24 = 91	CES49 = 83	CES74 = 94	CES99 = 63
CES25 = 73	CES50 = 87	CES75 = 70	

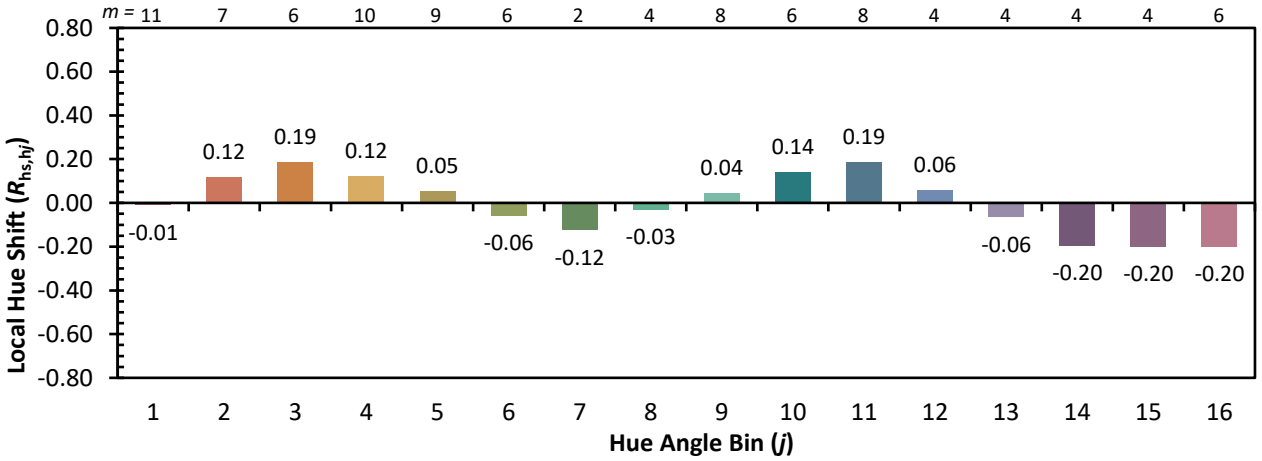


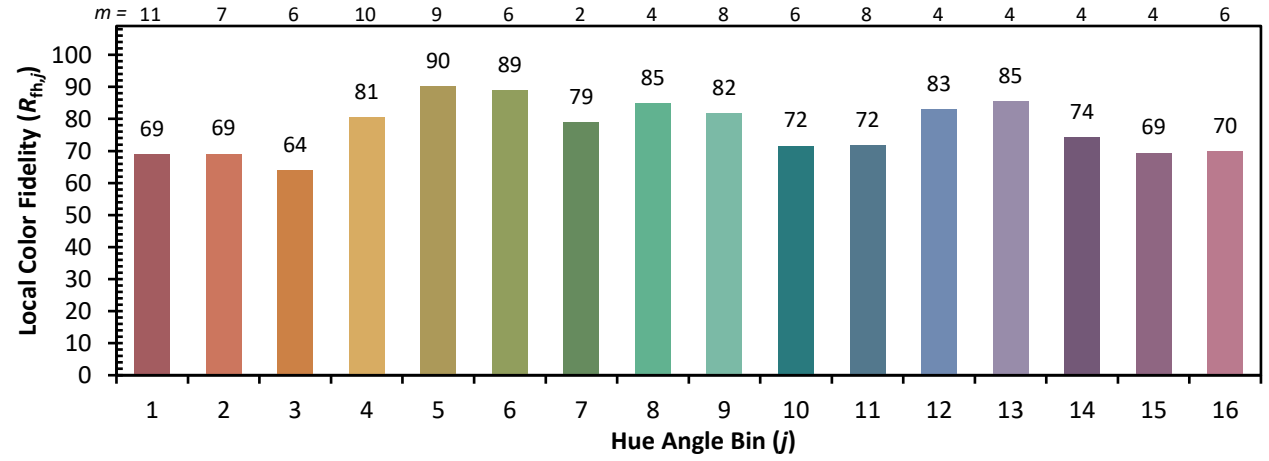
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Color Rendition by Hue-Angle Bin



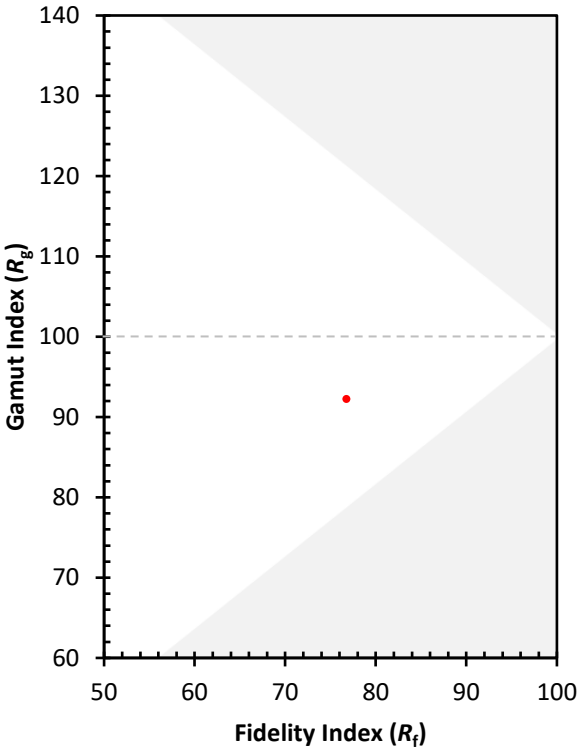


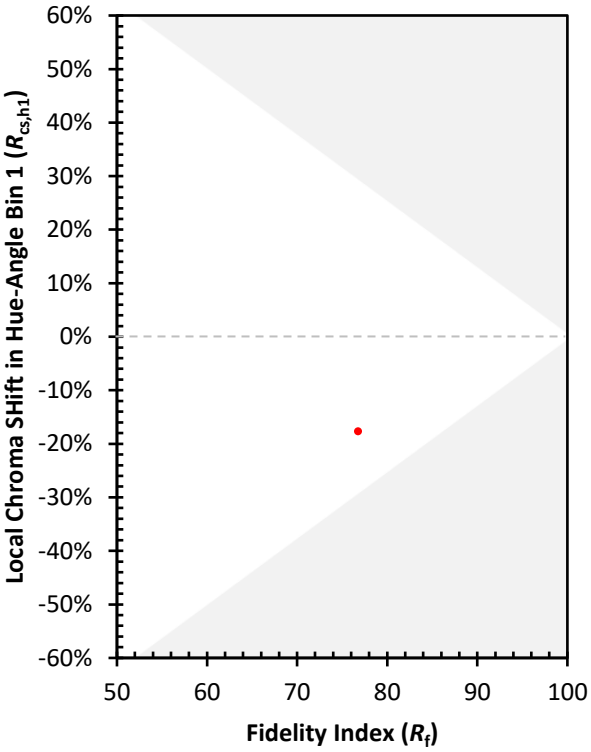


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Measure Comparisons





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