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: P981135

Luminaire Tested: **FFX-CLB-20-750-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:	P981135
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-750-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:	3272.6 lumens
Efficiency:	N/A
Efficacy:	165.3 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B2 - U3 - G2

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

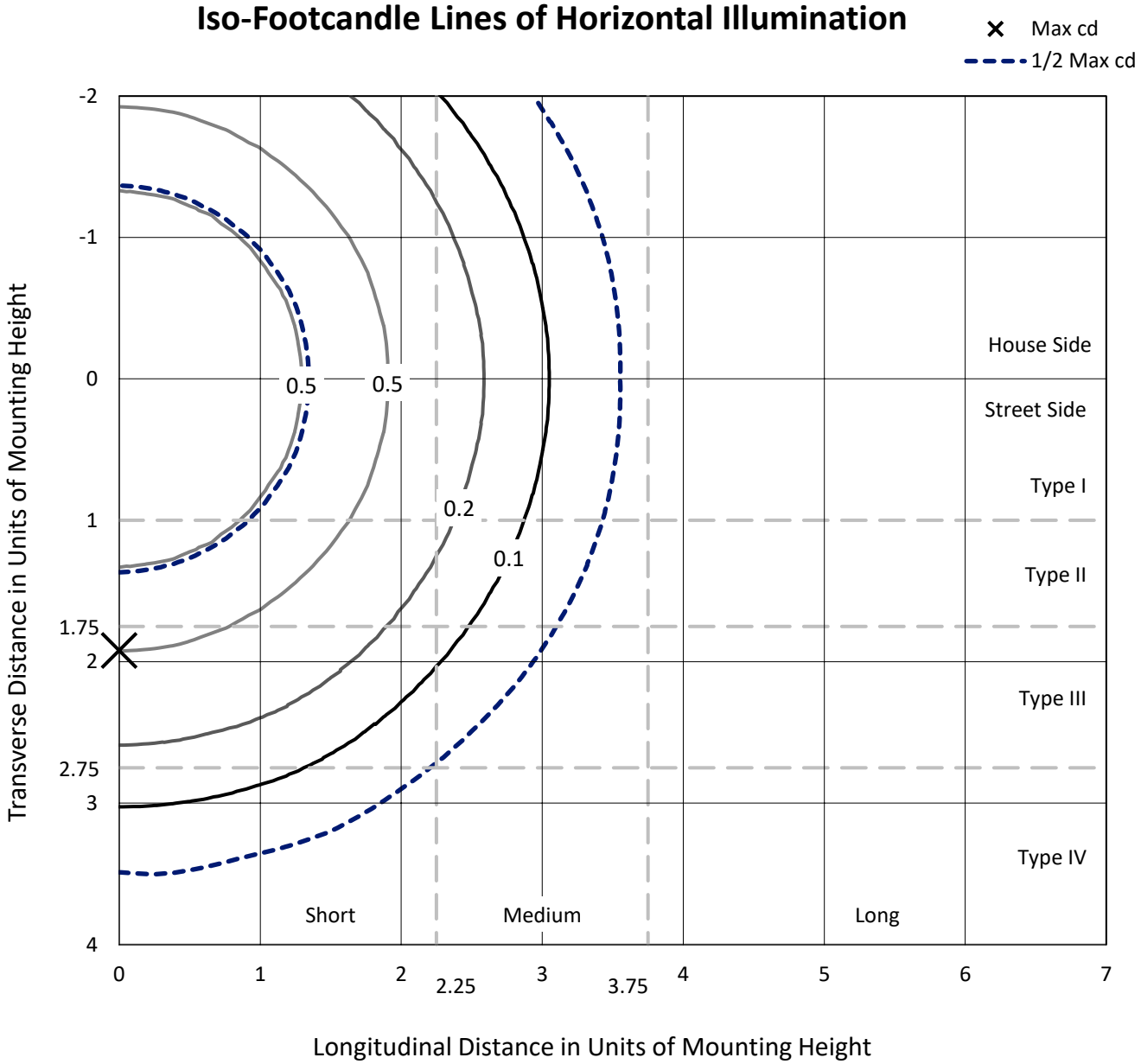


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REPORT NUMBER: P981135
CATALOG NUMBER: FFX-CLB-20-750-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



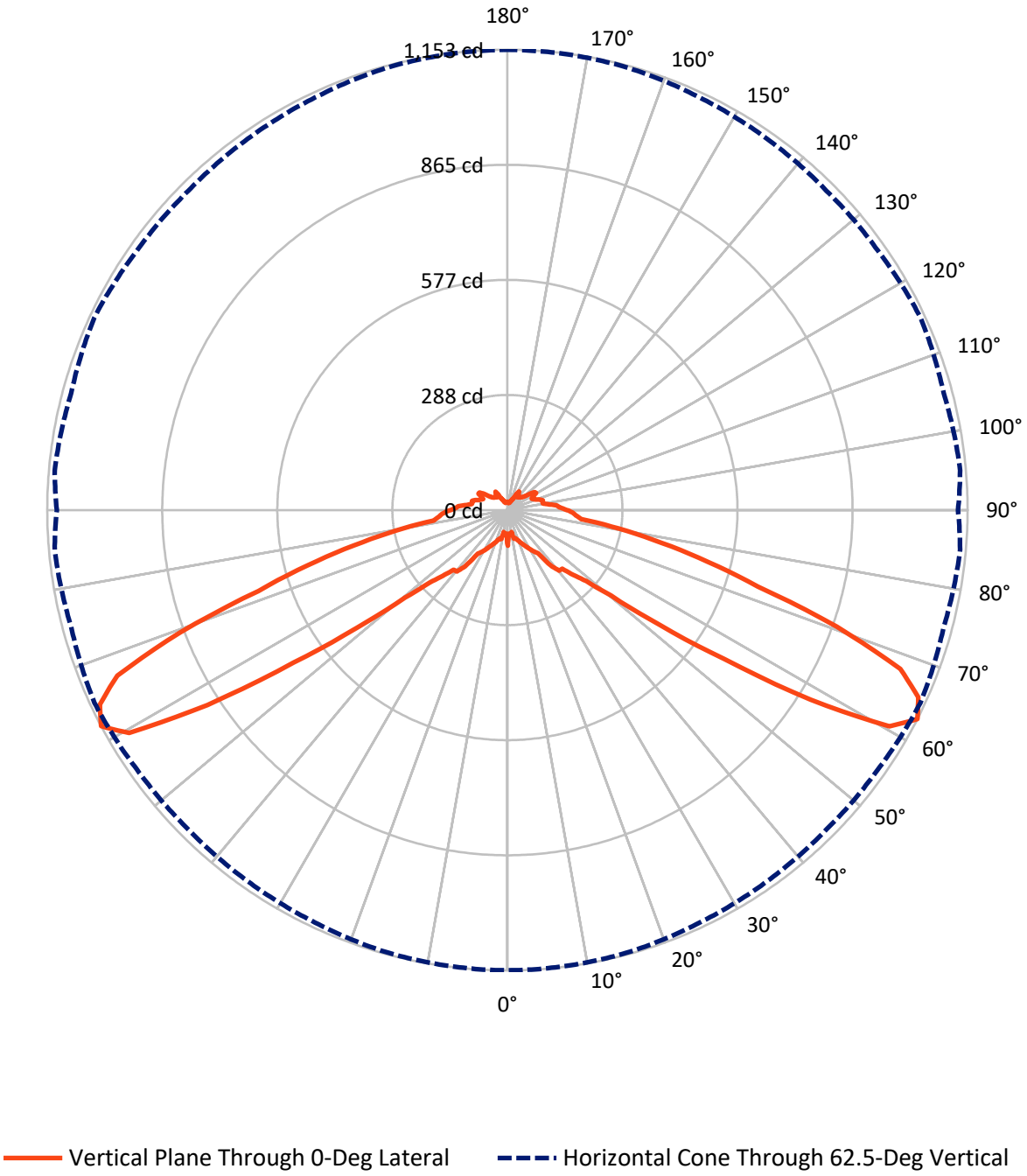
Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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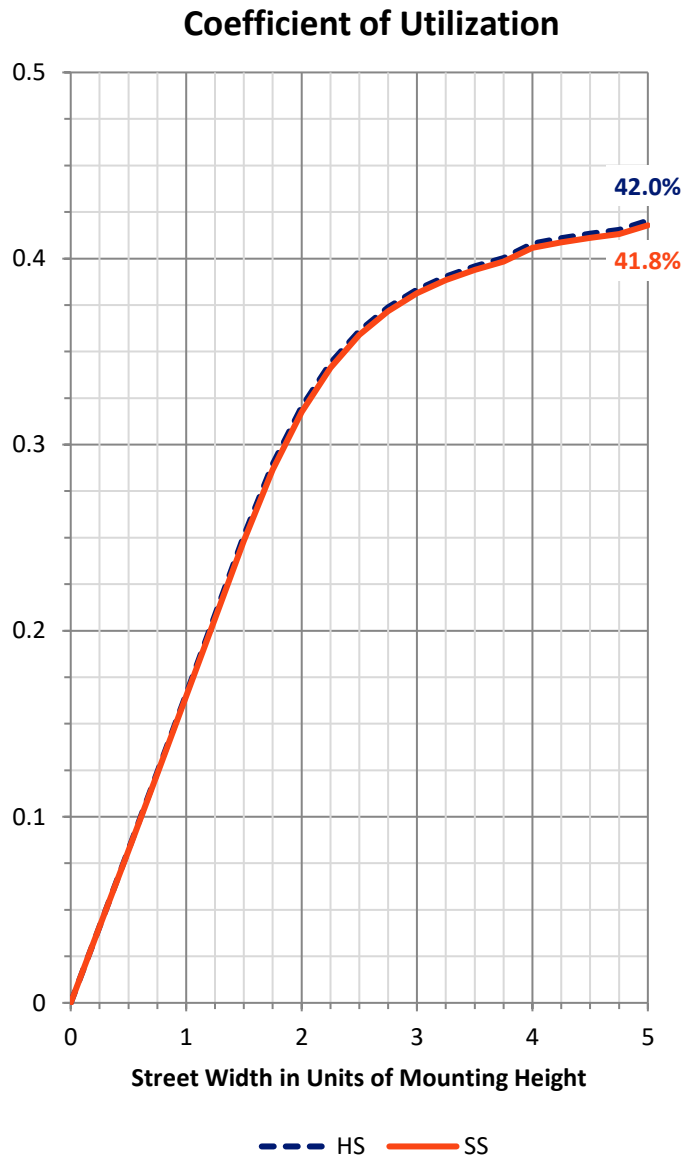
REPORT NUMBER: P981135
CATALOG NUMBER: FFX-CLB-20-750-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1424.4	211.9	1636.3
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	1424.4	211.9	1636.3
	% Fixture	43.5	6.5	50.0
Total	Lumens	2848.7	423.8	3272.6
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.2
10°-20°	20.7	0.6
20°-30°	45.5	1.4
30°-40°	93.5	2.9
40°-50°	193.0	5.9
50°-60°	630.4	19.3
60°-70°	1062.8	32.5
70°-80°	578.5	17.7
80°-90°	218.8	6.7
90°-100°	133.0	4.1
100°-110°	83.9	2.6
110°-120°	63.8	2.0
120°-130°	54.5	1.7
130°-140°	36.7	1.1
140°-150°	30.2	0.9
150°-160°	14.3	0.4
160°-170°	5.7	0.2
170°-180°	1.9	0.1
0°-90°	2848.7	87.0
0°-180°	3272.6	100.0



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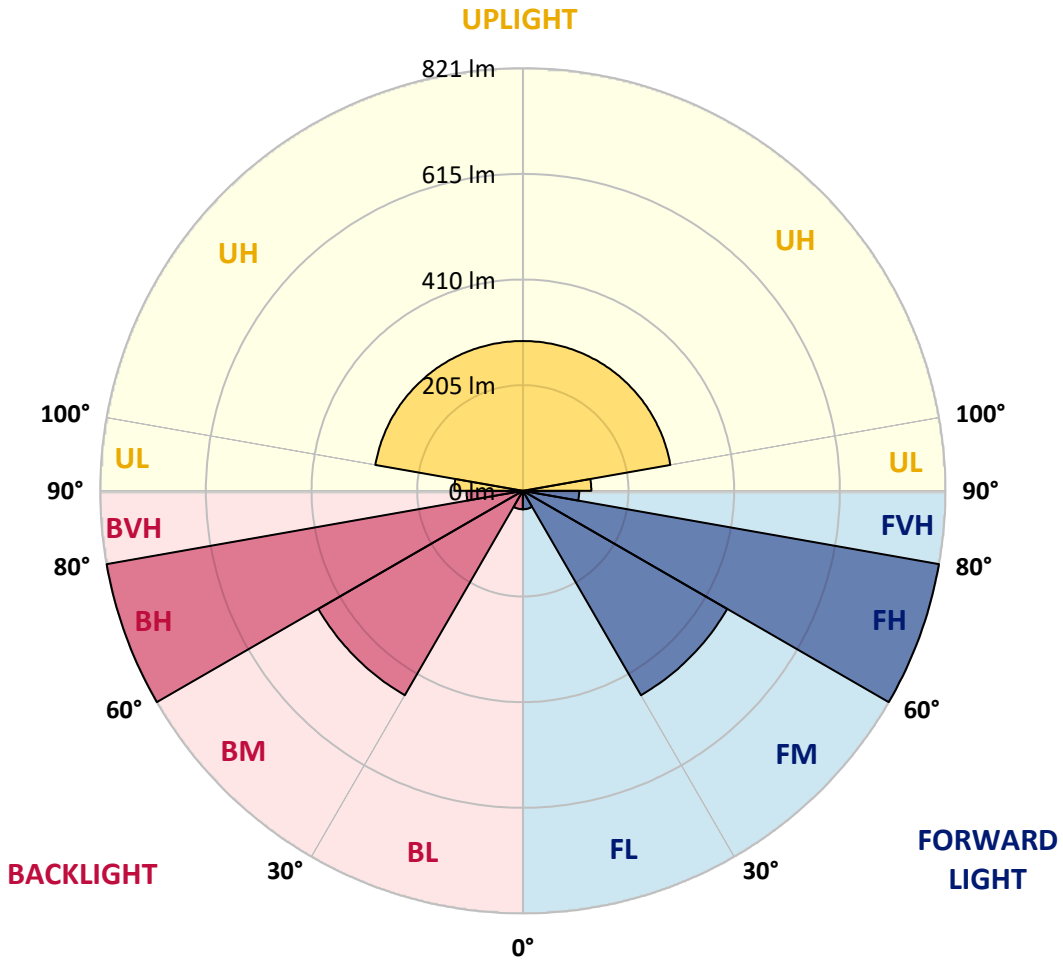
Scaled Data Report

REPORT NUMBER: P981135
CATALOG NUMBER: FFX-CLB-20-750-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°)	35.9	1.1			
FM	(30°-60°)	458.4	14.0			
FH	(60°-80°)	820.7	25.1			G1/1800
FVH	(80°-90°)	109.4	3.3			G2/225
BL	(0°-30°)	35.9	1.1	B0/110		
BM	(30°-60°)	458.4	14.0	B1/1000		
BH	(60°-80°)	820.7	25.1	B2/1000		G1/1800
BVH	(80°-90°)	109.4	3.3			G2/225
UL	(90°-100°)	133.0	4.1		U3/500	
UH	(100°-180°)	290.9	8.9		U3/500	

BUG Rating: B2-U3-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
2.5°	59.3	61.7	74.9	85.7	85.4	77.9	68.2	69.0	74.9	80.0	81.3
5°	59.8	58.9	58.3	55.7	54.8	56.1	55.2	52.6	51.6	51.8	55.9
7.5°	62.1	61.1	54.8	50.1	49.4	52.2	58.3	58.3	51.8	46.8	46.6
10°	55.9	55.7	57.8	60.0	60.6	58.0	55.5	54.2	53.7	53.3	52.9
12.5°	73.8	72.9	68.4	65.6	65.2	66.5	68.4	67.8	64.5	62.8	62.8
15°	73.4	73.8	74.4	73.4	73.1	73.4	74.4	73.8	72.7	71.4	71.4
17.5°	77.5	77.7	77.9	78.3	77.9	77.2	77.2	77.0	77.2	77.7	77.7
20°	83.7	83.9	83.9	83.9	83.7	82.4	82.4	82.6	82.4	82.9	82.6
22.5°	90.6	90.4	90.4	90.4	89.8	88.7	88.5	88.7	88.0	88.0	88.0
25°	97.3	97.7	98.4	98.2	97.1	96.2	95.6	95.8	95.4	95.4	95.4
27.5°	105.7	105.3	106.6	106.2	105.1	105.1	104.4	104.4	103.8	103.6	103.4
30°	115.2	115.0	115.0	115.2	114.8	114.4	114.4	113.9	112.8	113.1	113.5
32.5°	124.5	124.3	123.8	124.1	123.8	123.2	124.3	124.3	123.8	124.1	125.4
35°	133.6	134.9	137.9	140.0	140.7	140.5	141.3	142.8	141.8	141.1	141.8
37.5°	176.7	175.8	172.6	170.7	171.1	172.2	169.8	168.1	167.0	166.8	167.9
40°	199.4	198.5	193.8	194.2	191.0	192.0	193.1	194.6	193.5	191.2	191.2
42.5°	201.3	201.5	208.2	218.4	215.3	208.9	202.8	205.8	210.4	213.2	214.3
45°	231.1	233.9	233.9	234.5	234.8	235.0	230.7	232.6	236.3	240.8	240.6
47.5°	265.4	267.1	268.2	269.5	268.8	269.5	275.1	273.6	277.7	277.3	276.8
50°	337.2	344.6	345.9	350.8	347.8	348.5	358.8	359.7	359.7	359.0	359.9
52.5°	478.6	485.0	484.0	473.0	478.4	488.1	499.3	491.3	502.7	497.1	494.5
55°	658.1	658.3	665.4	680.7	687.9	680.3	686.4	671.5	696.5	699.5	692.0
57.5°	896.3	900.8	902.3	906.2	900.6	899.7	904.1	894.8	906.4	895.0	899.5
60°	1100.0	1094.2	1077.5	1054.0	1056.6	1065.9	1082.7	1076.9	1068.7	1052.7	1049.1
62.5°	1153.1	1152.2	1148.7	1140.1	1134.9	1130.8	1133.0	1141.8	1131.5	1138.6	1129.1
65°	1131.3	1130.6	1133.9	1141.4	1135.8	1122.0	1109.9	1124.4	1117.9	1141.6	1134.7
67.5°	1061.6	1058.8	1055.5	1069.6	1060.7	1040.9	1032.0	1033.3	1029.4	1053.2	1046.3
70°	875.6	871.0	877.1	899.3	886.6	868.9	858.8	863.1	864.1	879.2	881.6
72.5°	656.1	661.8	667.8	682.7	679.7	670.0	675.6	682.0	688.3	693.9	691.5
75°	519.3	526.0	514.0	521.3	518.7	526.3	531.4	534.5	533.8	528.0	525.4
77.5°	394.9	400.2	397.4	395.3	397.2	404.8	421.2	419.2	410.0	400.0	402.0
80°	283.9	293.4	294.5	293.7	297.8	298.8	312.6	309.0	301.4	301.2	303.4
82.5°	186.0	190.3	203.9	216.0	219.2	213.8	222.9	226.3	228.3	228.5	227.8
85°	172.2	176.9	173.7	180.2	181.7	183.2	184.7	186.0	188.1	190.1	191.0
87.5°	162.7	170.5	170.0	174.3	173.9	176.9	179.7	180.6	178.0	175.2	174.3
90°	145.4	151.7	154.1	156.6	157.9	157.5	159.9	159.9	158.2	156.9	156.4
92.5°	130.5	134.0	136.1	139.4	140.2	139.8	142.2	141.1	141.3	141.8	142.2
95°	123.4	124.9	124.3	125.6	123.8	122.3	123.2	121.9	121.3	120.2	120.2
97.5°	103.1	102.9	102.9	103.4	102.5	101.2	101.8	101.6	101.8	101.8	101.0
100°	90.4	90.2	88.9	88.7	88.5	88.0	87.4	87.6	87.6	87.4	87.6
102.5°	90.2	88.2	85.4	82.4	82.4	81.8	82.0	81.8	81.6	80.3	79.6
105°	91.9	88.9	84.1	78.1	77.2	77.5	78.1	77.9	77.0	75.7	74.9
107.5°	85.0	81.6	78.8	74.9	73.8	73.6	74.0	74.2	73.4	71.6	70.3
110°	75.3	74.0	72.7	71.2	70.1	69.9	69.9	69.9	69.0	68.4	66.9

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CATALOG NUMBER: FFX-CLB-20-750-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*71.0*	69.5	68.0	66.7	66.0	65.8	65.4	64.9	64.3	63.7	62.8
115°	*66.9*	66.9	65.8	61.1	60.0	59.8	59.6	59.6	59.6	59.6	59.3
117.5°	*72.5*	71.9	67.8	61.7	59.8	58.7	57.8	58.3	58.0	59.6	59.1
120°	*83.1*	78.3	69.5	65.2	63.4	62.6	62.8	63.0	62.8	62.4	61.5
122.5°	*82.2*	77.0	71.6	68.4	66.5	66.2	67.1	66.9	64.9	61.9	59.6
125°	*72.3*	69.5	66.2	63.2	62.1	61.7	62.1	61.5	60.2	58.7	56.3
127.5°	*56.1*	55.7	53.9	52.6	52.9	53.5	54.6	54.6	53.9	53.1	51.8
130°	*50.3*	49.8	50.1	50.5	50.3	50.3	49.2	48.3	49.8	51.1	50.5
132.5°	*46.4*	46.6	48.8	52.0	51.4	49.6	47.0	46.6	49.0	51.6	51.4
135°	*44.7*	44.9	46.6	49.8	49.0	46.8	45.7	46.0	47.3	48.5	48.3
137.5°	*44.7*	44.7	44.2	45.3	45.3	45.3	45.1	45.7	46.6	46.6	46.0
140°	*44.0*	44.4	43.2	43.4	44.0	44.7	44.9	45.7	46.0	45.7	44.9
142.5°	*40.3*	40.8	42.1	43.8	44.2	44.7	46.0	45.7	45.7	45.7	45.3
145°	*49.6*	49.6	50.7	52.2	51.6	50.7	51.1	51.4	51.8	52.2	51.8
147.5°	*54.8*	54.8	53.5	53.1	52.0	52.0	53.3	53.1	52.9	52.4	52.6
150°	*45.3*	45.1	44.0	43.6	43.6	43.2	43.8	43.8	43.2	42.7	42.9
152.5°	*32.4*	32.6	32.1	32.6	33.2	33.9	34.5	35.0	35.0	35.0	34.5
155°	*29.3*	28.9	28.7	29.1	29.3	29.1	28.7	28.7	28.7	28.3	28.0
157.5°	*25.5*	25.2	25.0	25.2	25.2	25.5	25.7	25.9	25.9	25.5	25.2
160°	*22.0*	22.0	22.0	22.2	22.2	22.0	21.8	22.0	22.4	22.4	22.4
162.5°	*19.9*	20.1	20.3	20.7	20.7	20.3	19.9	19.9	20.3	20.7	20.7
165°	*18.3*	18.3	18.8	19.6	19.9	19.2	18.6	18.6	19.2	20.1	20.3
167.5°	*18.3*	18.6	19.2	19.9	19.6	19.0	18.3	18.3	19.0	19.6	19.6
170°	*19.6*	19.6	19.4	19.2	19.0	19.0	19.0	19.2	19.4	19.2	19.2
172.5°	*20.7*	20.5	19.9	19.2	19.0	19.6	20.1	19.9	19.6	19.2	19.2
175°	*21.1*	20.9	20.5	20.1	20.1	20.5	20.7	20.3	19.9	19.6	19.4
177.5°	*19.0*	19.0	18.8	18.8	19.0	18.8	18.8	18.8	18.6	18.3	18.1
180°	*16.4*	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4

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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: SP1-2501-332-5

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

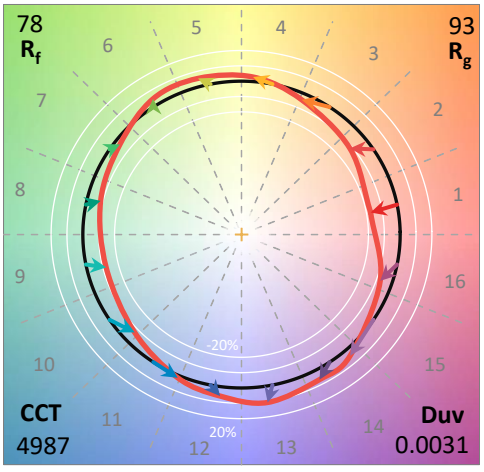
Test Information

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

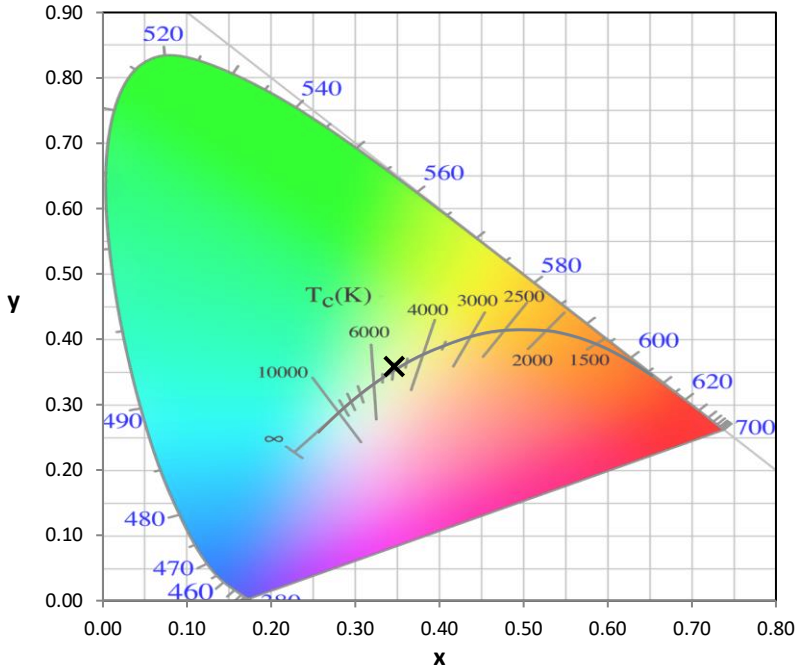
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

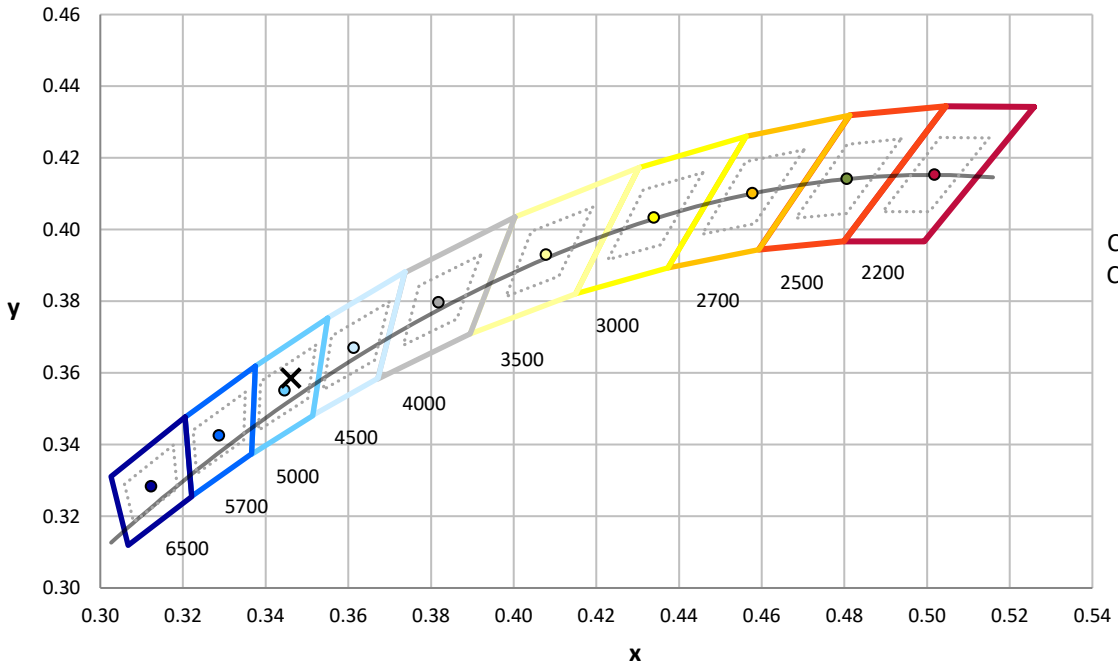
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

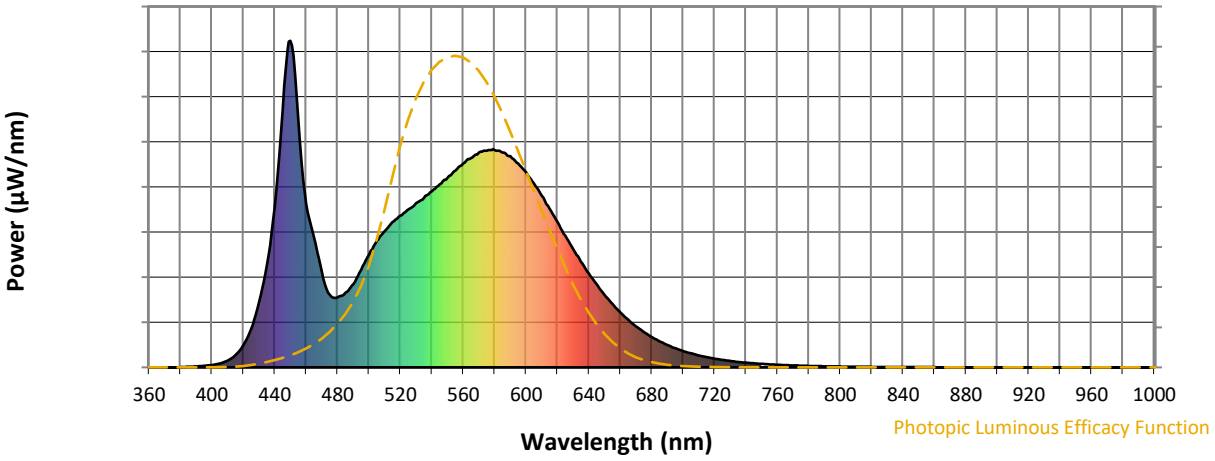


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

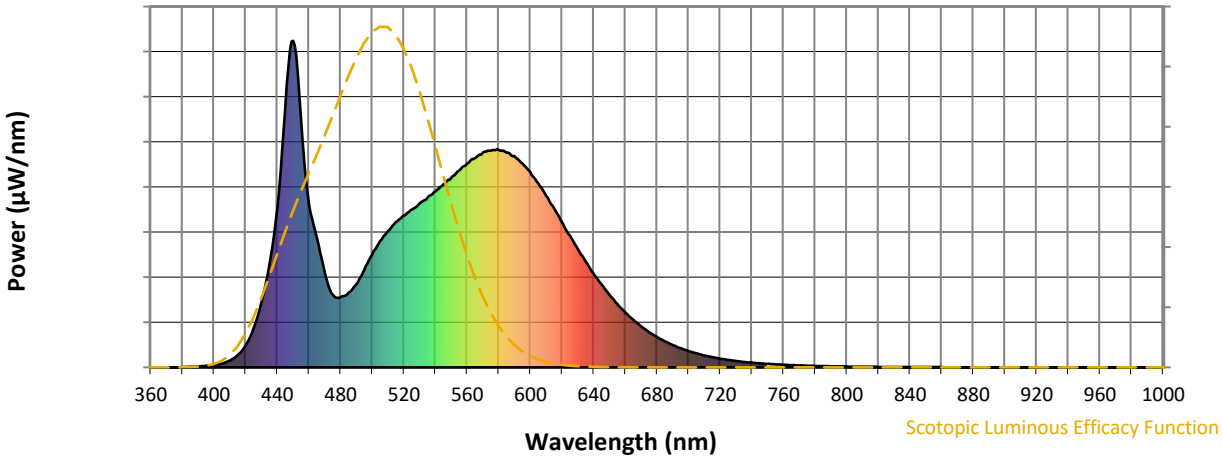


Photopic Lumens: NR

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

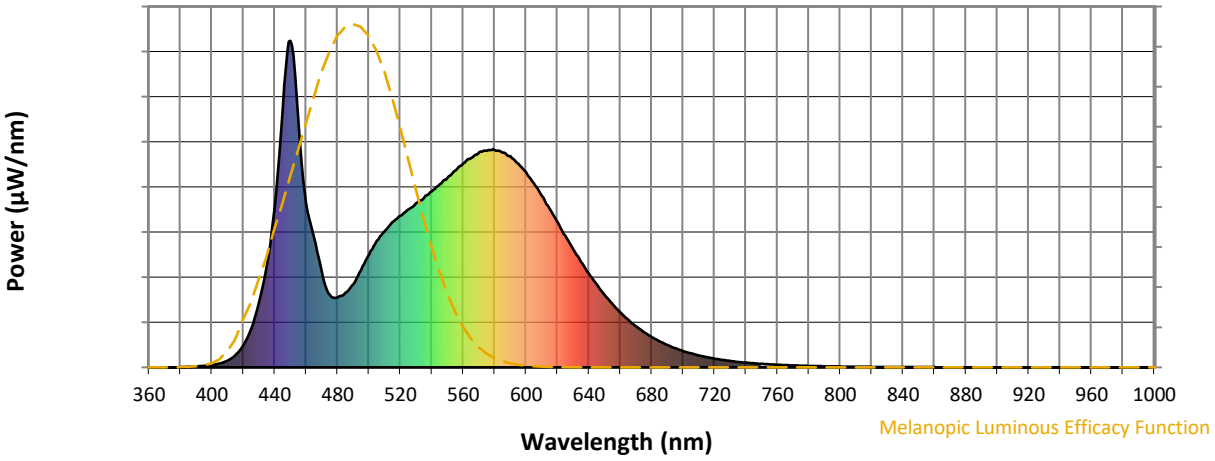


Scotopic Lumens: NR **S/P: 1.87**

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			

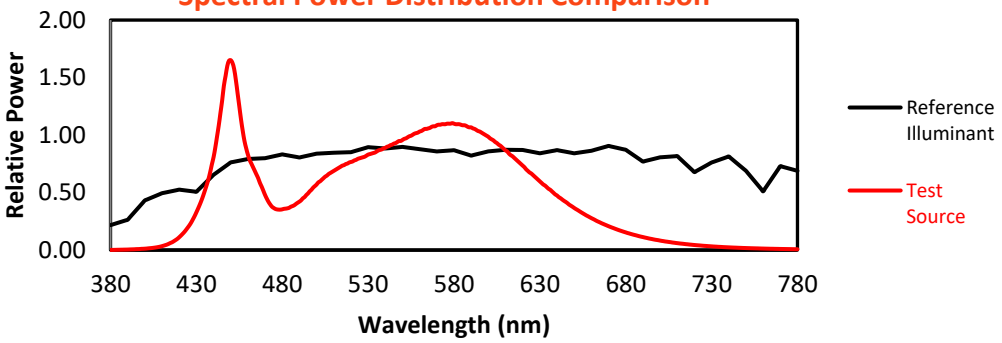
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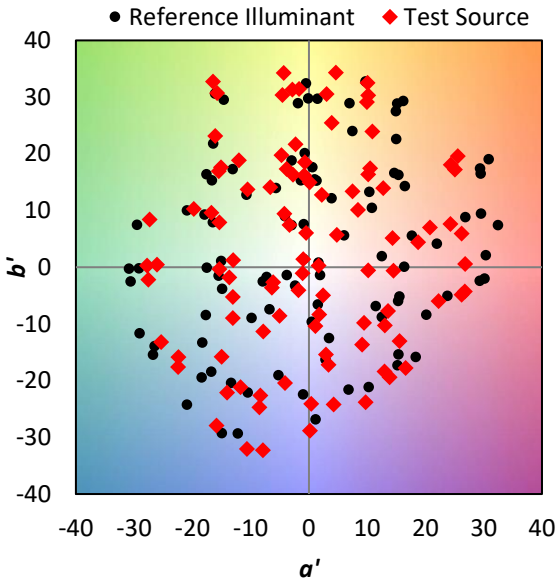
Summary

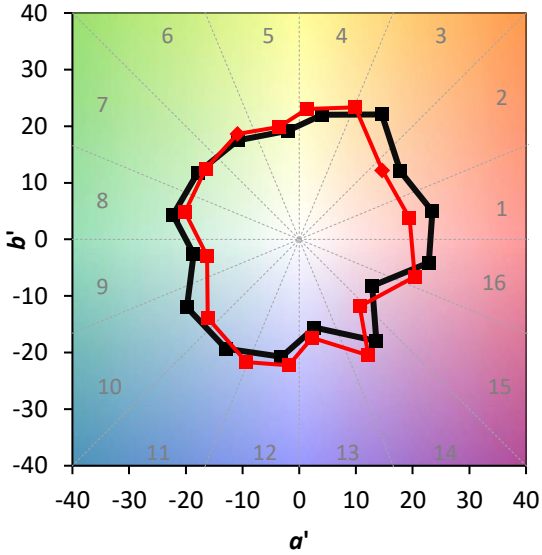
R_f = 78.3
R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

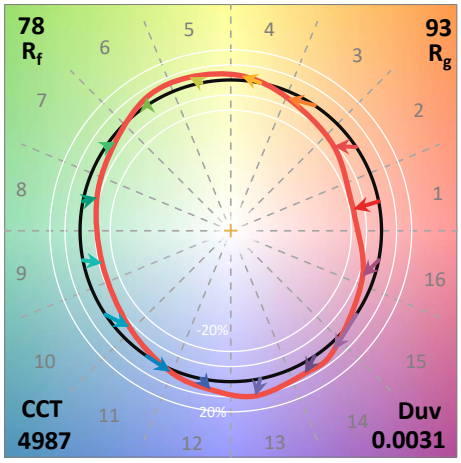
Spectral Power Distribution Comparison

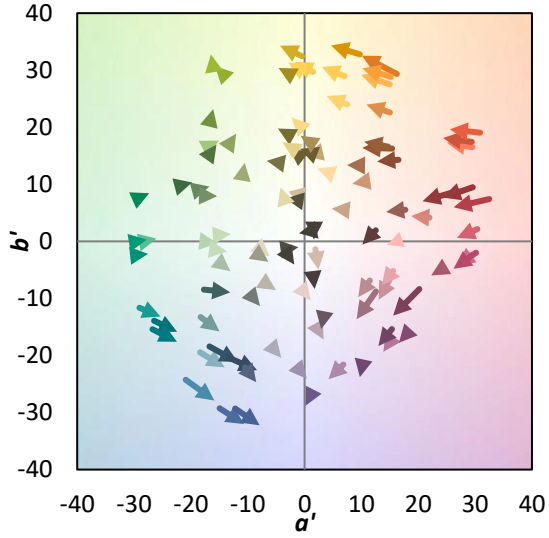


Color Vector Graphics







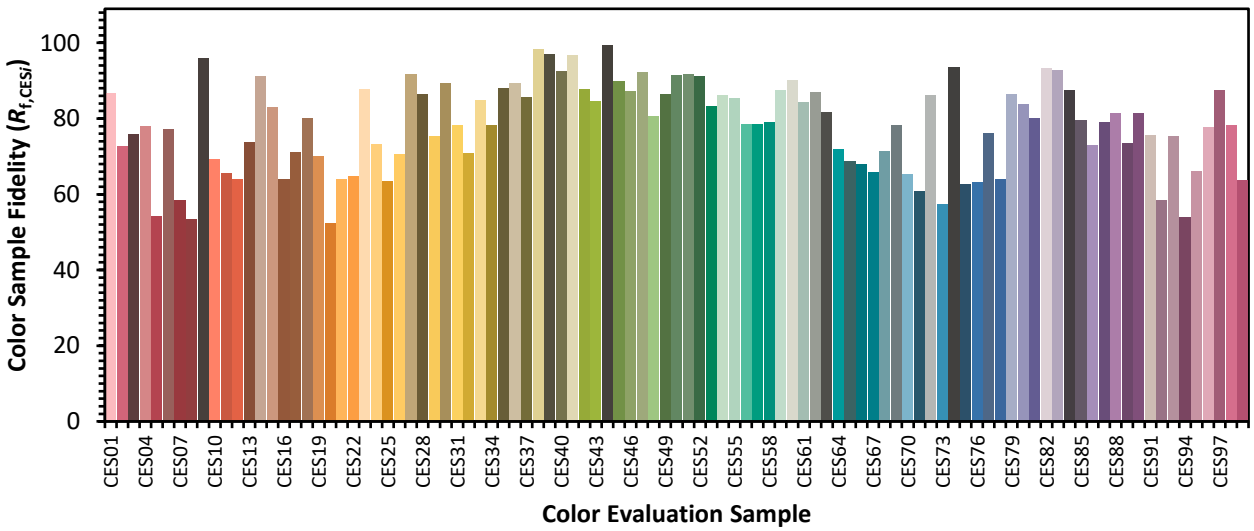


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Individual Sample Fidelity Index ($R_{f,i}$)

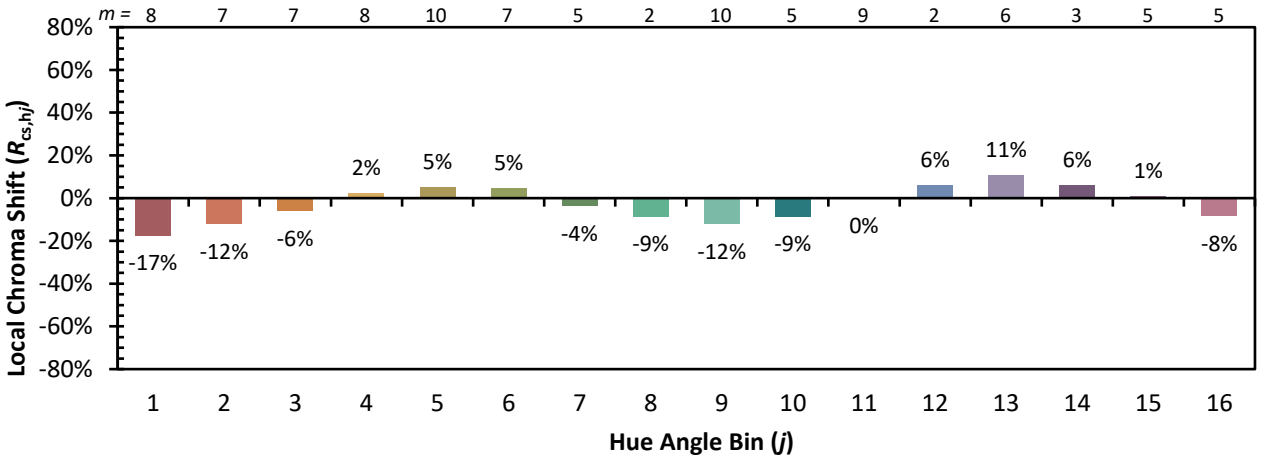
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82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

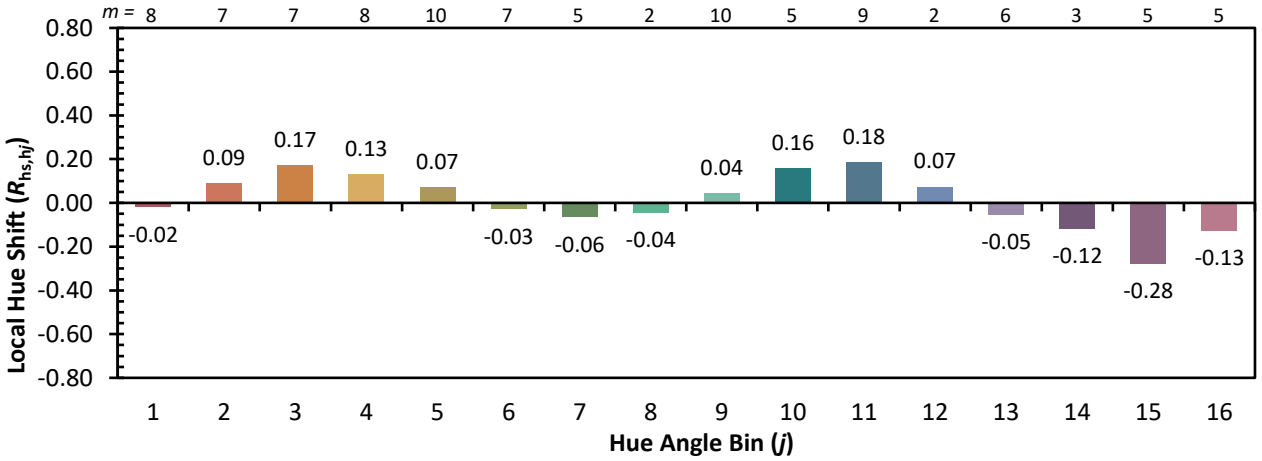


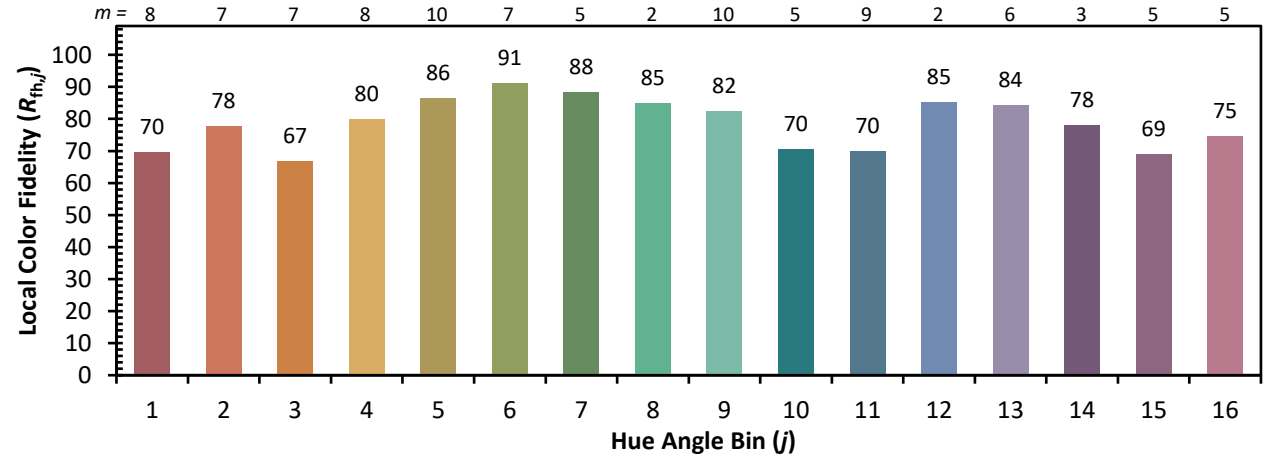
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Color Rendition by Hue-Angle Bin



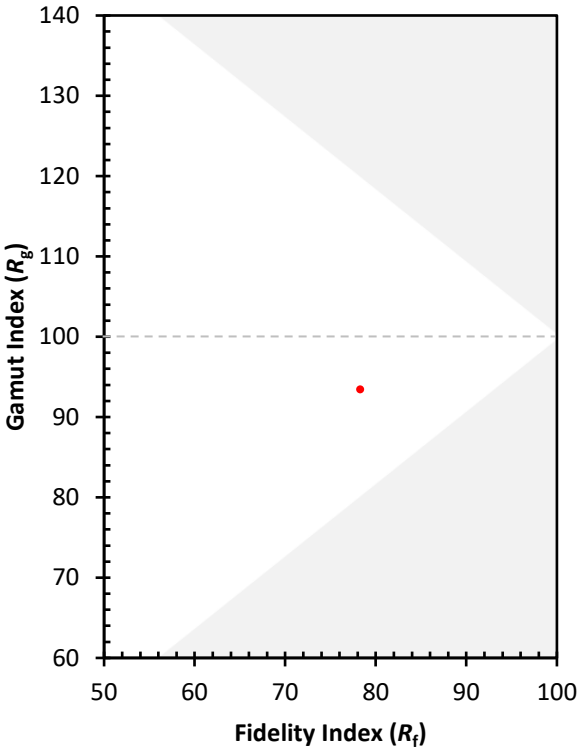


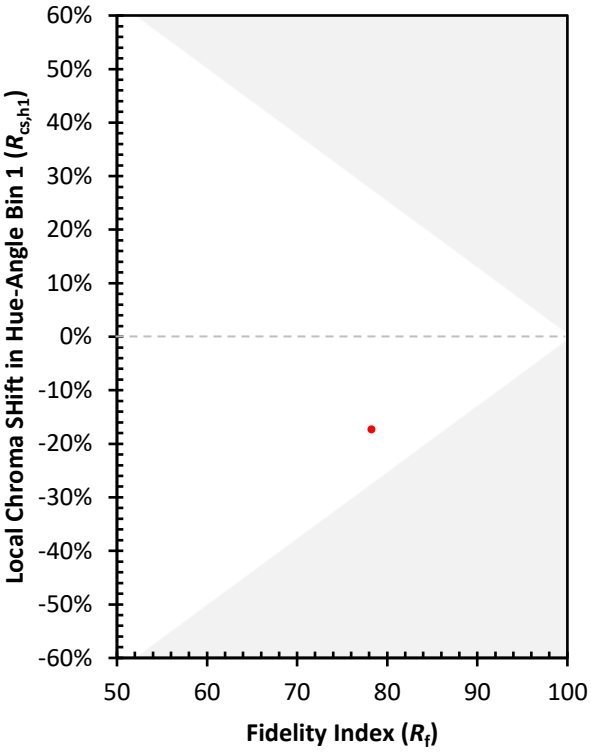


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Measure Comparisons





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