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: P981270

Luminaire Tested: **FFX-CLB-20-750-U-VM8-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:	P981270
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-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3527.3 lumens
Efficiency:	N/A
Efficacy:	178.1 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B1 - U5 - 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

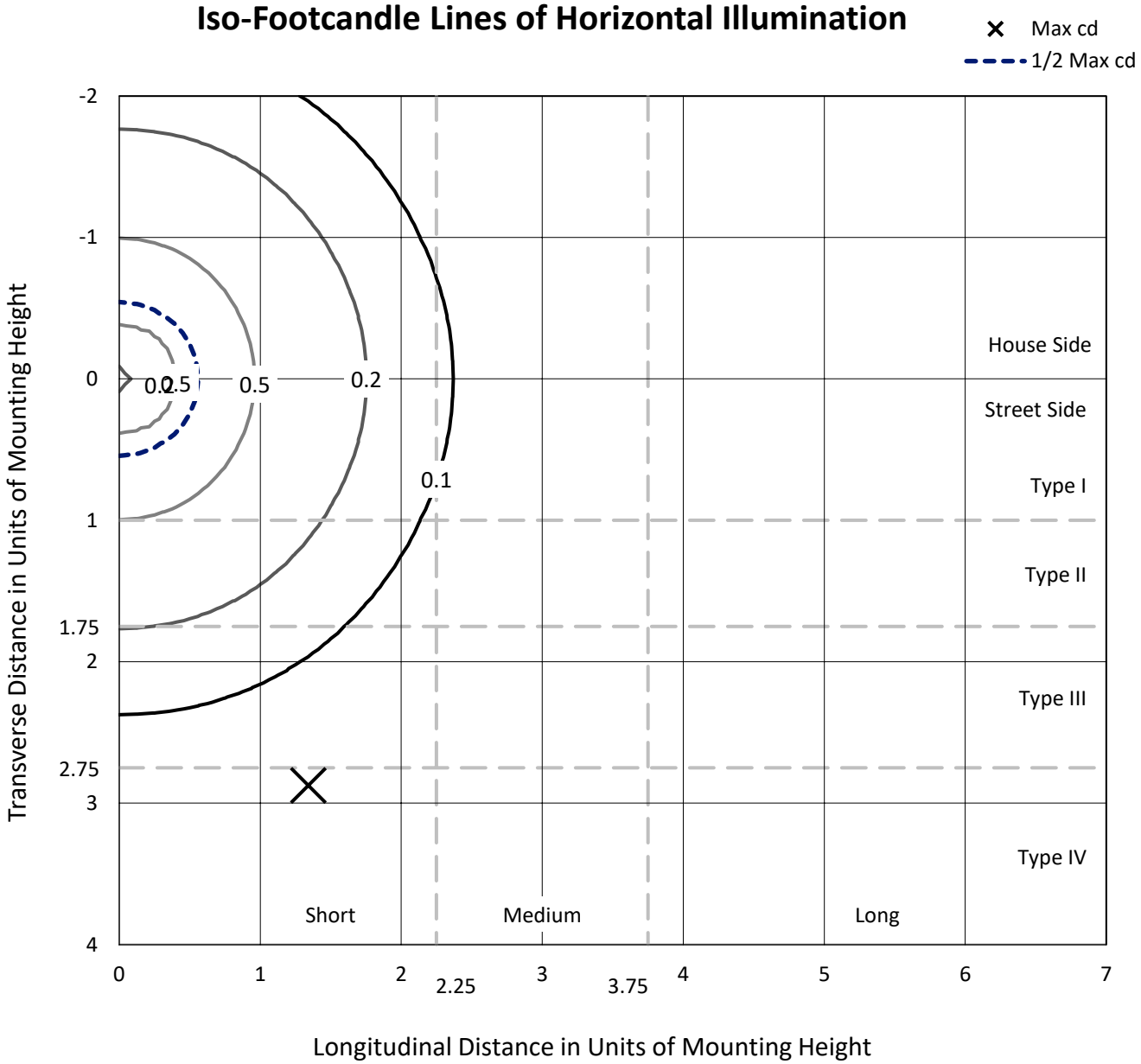


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Scaled Data Report

REPORT NUMBER: P981270
CATALOG NUMBER: FFX-CLB-20-750-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



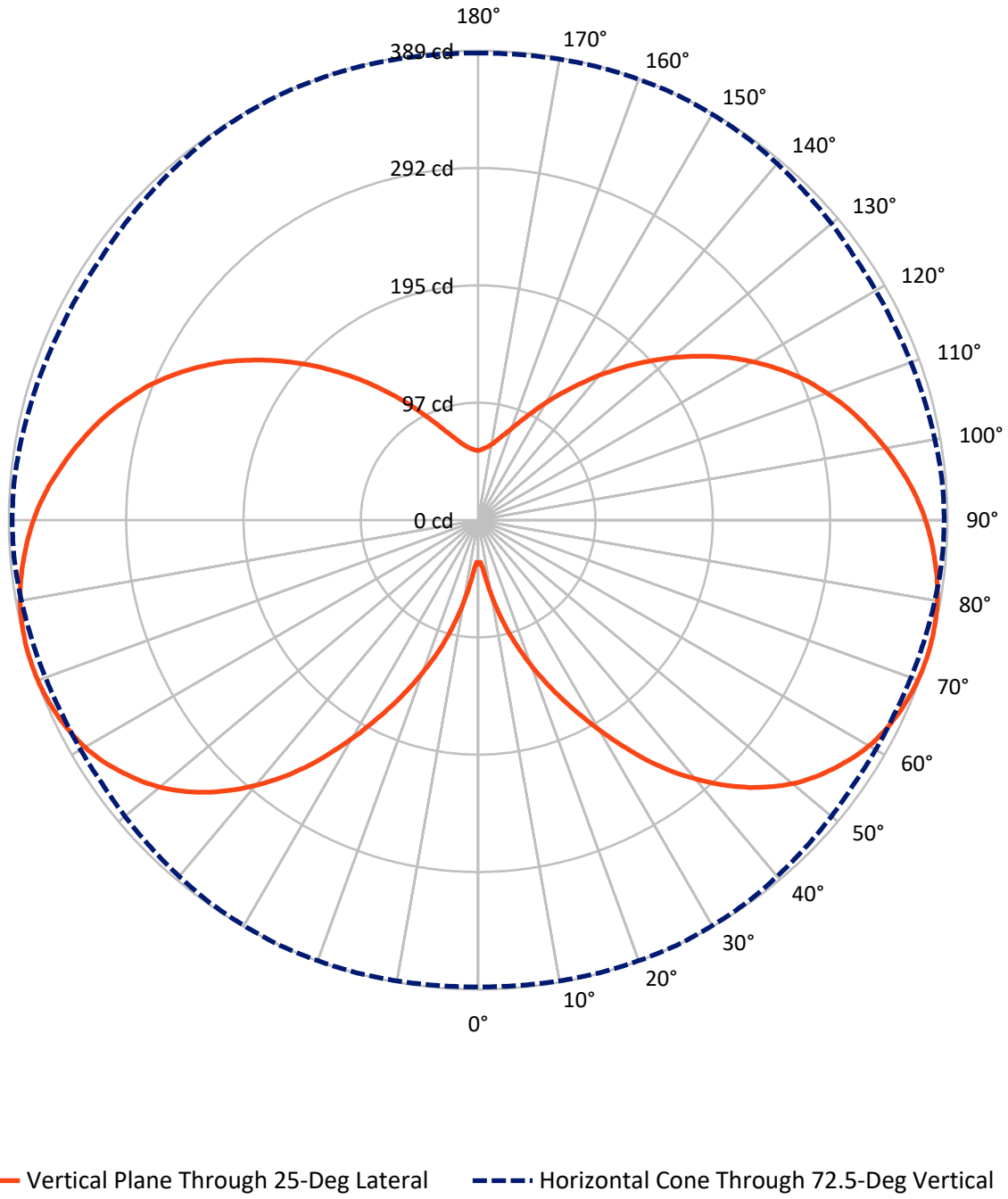
Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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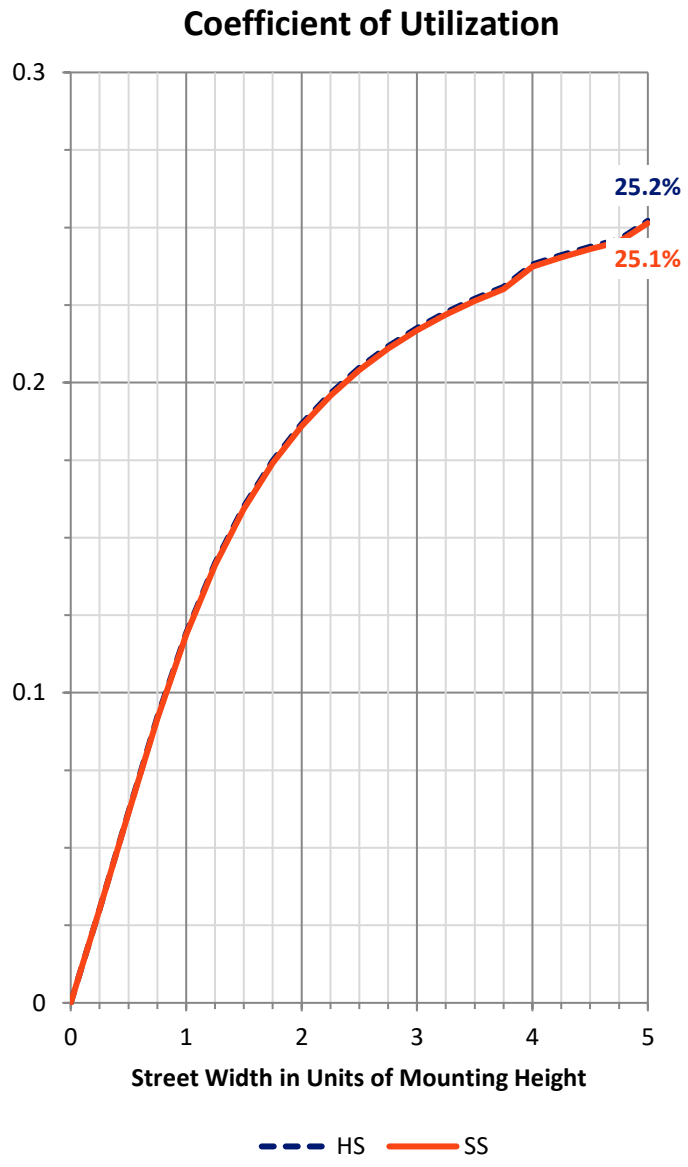
REPORT NUMBER: P981270
CATALOG NUMBER: FFX-CLB-20-750-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1009.0	754.6	1763.7
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	1009.0	754.6	1763.7
	% Fixture	28.6	21.4	50.0
Total	Lumens	2018.1	1509.2	3527.3
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.7	0.1
10°-20°	28.7	0.8
20°-30°	77.7	2.2
30°-40°	153.3	4.3
40°-50°	241.6	6.8
50°-60°	320.1	9.1
60°-70°	376.3	10.7
70°-80°	406.6	11.5
80°-90°	409.1	11.6
90°-100°	385.2	10.9
100°-110°	340.5	9.7
110°-120°	280.7	8.0
120°-130°	209.8	5.9
130°-140°	140.1	4.0
140°-150°	83.2	2.4
150°-160°	43.8	1.2
160°-170°	20.2	0.6
170°-180°	5.8	0.2
0°-90°	2018.1	57.2
0°-180°	3527.3	100.0



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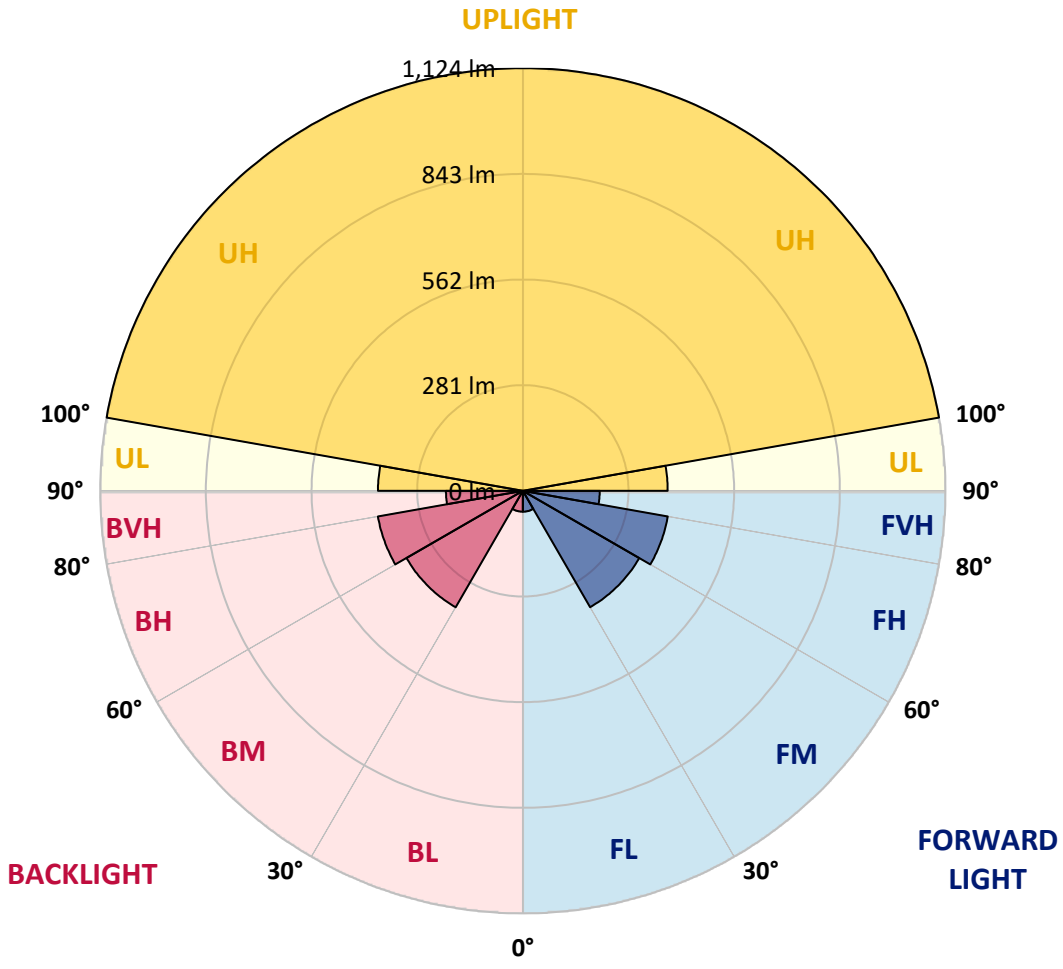
Scaled Data Report

REPORT NUMBER: P981270
CATALOG NUMBER: FFX-CLB-20-750-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	55.5	1.6			
FM	(30°-60°)	357.5	10.1			
FH	(60°-80°)	391.5	11.1			G0/660
FVH	(80°-90°)	204.6	5.8			G2/225
BL	(0°-30°)	55.5	1.6	B0/110		
BM	(30°-60°)	357.5	10.1	B1/1000		
BH	(60°-80°)	391.5	11.1	B1/500		G0/660
BVH	(80°-90°)	204.6	5.8			G2/225
UL	(90°-100°)	385.2	10.9		U3/500	
UH	(100°-180°)	1124.0	31.9		U5	

BUG Rating: B1-U5-G2
Type V Short



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Scaled Data Report

REPORT NUMBER: P981270
CATALOG NUMBER: FFX-CLB-20-750-U-VM8-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
2.5°	34.4	34.4	34.7	34.9	35.1	35.3	35.5	35.8	36.0	35.8	35.8
5°	39.7	40.2	40.2	40.2	40.0	40.2	40.6	40.6	41.1	40.8	40.6
7.5°	51.0	52.1	52.1	51.9	51.7	51.9	51.7	51.7	51.7	51.4	51.9
10°	66.4	66.0	66.2	66.0	65.6	65.8	66.0	65.6	65.6	65.6	65.6
12.5°	81.5	81.2	81.9	81.7	81.9	81.2	81.7	81.2	81.2	80.6	80.8
15°	99.1	99.1	98.9	98.2	98.5	97.6	98.0	97.8	97.1	97.1	96.9
17.5°	115.5	115.2	115.5	114.6	114.6	114.3	113.9	113.7	113.7	113.0	112.8
20°	131.8	131.3	131.1	131.1	130.5	130.5	130.0	129.1	128.7	128.9	128.5
22.5°	149.4	148.6	148.6	148.6	147.2	146.8	146.6	145.7	145.7	145.0	145.0
25°	167.1	167.3	167.3	166.4	165.8	164.9	164.5	163.8	163.1	162.9	163.1
27.5°	186.5	187.0	186.3	184.8	184.5	183.7	182.6	181.7	181.9	180.8	181.7
30°	207.7	206.8	205.5	205.1	204.2	203.3	202.4	200.7	200.9	200.4	200.7
32.5°	227.2	227.2	226.7	225.4	224.7	222.7	221.9	219.6	219.9	219.6	218.8
35°	248.3	247.7	246.8	246.6	244.4	243.0	241.5	239.1	239.5	239.3	239.5
37.5°	266.2	266.4	266.9	265.8	263.8	262.0	260.3	258.5	258.1	258.3	257.8
40°	285.6	285.4	285.0	283.7	282.1	280.1	277.9	276.8	275.5	276.4	276.2
42.5°	301.5	302.2	302.0	300.7	298.7	296.7	294.9	293.2	292.5	292.3	292.3
45°	317.0	317.2	316.6	316.3	313.7	311.9	309.7	308.2	307.7	307.7	308.4
47.5°	331.3	331.1	330.7	330.2	328.3	325.6	323.0	321.9	321.6	322.1	322.3
50°	342.8	343.3	343.0	342.4	340.4	338.0	335.1	334.0	334.2	334.7	334.9
52.5°	353.2	353.2	353.4	352.5	350.8	348.1	345.5	344.6	344.6	345.3	344.8
55°	361.1	361.6	361.8	361.1	360.0	357.0	354.3	352.8	353.4	354.1	354.3
57.5°	368.7	369.1	369.1	369.1	367.3	364.5	361.8	360.5	361.4	362.5	362.7
60°	374.6	374.8	375.5	375.5	373.9	370.6	367.8	366.7	367.8	369.3	369.1
62.5°	379.0	379.0	379.9	380.1	378.6	375.3	372.4	371.5	372.8	374.6	375.3
65°	382.8	383.0	383.7	383.9	382.6	378.8	375.7	375.5	377.3	379.0	379.2
67.5°	384.8	385.0	386.1	386.5	385.0	381.2	378.4	377.7	380.1	382.3	382.6
70°	386.1	386.5	387.9	388.3	386.8	382.8	379.7	379.5	382.1	384.5	384.8
72.5°	387.0	387.2	388.5	389.0	387.4	383.7	380.6	380.6	383.0	385.9	386.3
75°	387.0	387.2	388.3	389.0	387.4	383.4	380.1	380.1	383.4	386.3	387.0
77.5°	385.2	385.9	387.2	387.9	386.3	382.3	379.2	379.2	382.6	385.6	386.3
80°	383.4	383.7	385.2	386.1	384.3	380.6	377.3	377.3	380.8	384.1	384.5
82.5°	380.6	380.8	382.3	383.2	381.7	377.7	374.4	374.6	377.9	381.2	381.7
85°	376.6	377.0	378.6	379.2	377.9	373.7	370.6	370.9	374.4	377.5	377.9
87.5°	372.4	372.4	374.2	374.8	373.5	369.3	366.2	366.2	369.8	373.1	373.3
90°	366.7	367.1	368.7	369.8	368.0	364.5	361.1	361.1	364.5	367.5	368.4
92.5°	361.4	361.6	363.1	363.8	362.2	358.5	355.6	355.6	358.9	362.0	362.5
95°	355.0	355.0	356.1	357.0	355.2	352.1	349.4	349.4	352.1	354.7	355.2
97.5°	348.1	348.1	349.4	349.2	347.9	344.6	342.4	342.2	344.8	347.0	347.7
100°	340.4	340.8	341.7	341.5	340.4	337.1	335.1	335.1	337.1	339.1	339.5
102.5°	332.9	332.9	333.3	333.1	331.6	328.7	327.6	327.4	329.1	330.5	330.7
105°	325.2	325.2	324.7	324.7	322.7	320.5	319.2	319.2	320.7	321.6	321.6
107.5°	316.3	315.9	316.3	315.7	313.7	311.5	310.8	310.6	311.3	312.1	311.7
110°	307.3	307.1	306.8	305.5	304.0	302.6	301.5	301.5	302.2	302.4	302.4

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Scaled Data Report

REPORT NUMBER: P981270
CATALOG NUMBER: FFX-CLB-20-750-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	297.8	297.6	296.9	*295.8*	294.0	292.7	291.8	291.8	292.1	291.8	291.4
115°	287.4	287.0	286.3	*284.3*	282.6	281.7	281.2	281.7	281.5	280.8	280.8
117.5°	276.2	275.7	274.6	*272.4*	270.9	270.2	270.4	270.2	269.8	269.1	269.3
120°	263.6	263.6	261.8	*260.0*	258.7	258.7	258.5	258.5	257.8	257.0	256.5
122.5°	250.6	250.6	249.0	*247.5*	245.9	245.9	246.1	245.9	245.5	244.6	244.1
125°	238.0	236.9	235.5	*233.8*	232.7	232.4	233.1	233.3	232.4	231.3	231.6
127.5°	224.1	223.4	222.1	*220.1*	219.2	219.0	219.6	220.1	219.0	218.3	218.1
130°	209.5	209.0	207.9	*206.4*	205.5	205.7	206.4	207.1	206.0	205.3	204.9
132.5°	195.1	195.1	194.5	*192.9*	191.8	192.7	193.2	193.6	192.5	192.3	192.1
135°	182.1	181.9	180.6	*179.7*	178.8	179.0	179.9	179.7	179.5	179.0	178.6
137.5°	168.7	168.7	168.0	*166.4*	166.4	166.7	167.1	167.1	167.3	166.4	166.7
140°	156.1	155.8	155.4	*154.3*	153.6	154.1	154.5	154.7	154.7	153.9	154.1
142.5°	144.1	143.9	142.6	*141.9*	141.9	142.2	142.4	142.6	142.6	142.2	142.4
145°	131.3	131.8	131.1	*130.5*	130.5	130.5	131.1	131.3	131.6	131.1	131.1
147.5°	120.7	121.2	120.5	*120.1*	120.1	120.1	120.5	120.7	120.3	120.5	120.5
150°	110.8	110.8	110.4	*110.2*	109.9	110.2	110.6	110.8	110.8	110.4	110.4
152.5°	101.3	101.1	100.9	*100.9*	100.9	100.9	101.3	101.3	101.5	101.5	101.1
155°	93.2	92.9	92.9	*92.7*	92.9	92.9	92.9	93.2	93.2	93.4	93.6
157.5°	85.7	85.4	85.7	*85.7*	85.7	85.9	85.9	86.1	85.7	85.9	86.1
160°	79.5	79.7	79.5	*79.2*	79.2	79.5	79.5	79.7	79.7	79.5	79.7
162.5°	74.2	74.2	74.0	*74.2*	74.4	74.2	74.2	74.4	74.4	74.4	74.4
165°	70.0	69.8	69.8	*69.8*	69.8	69.8	70.0	70.0	70.0	70.0	70.2
167.5°	66.2	66.0	66.0	*66.0*	66.2	66.2	66.2	66.4	66.4	66.4	66.2
170°	63.4	63.1	63.1	*63.1*	63.4	63.4	63.4	63.4	63.4	63.4	63.4
172.5°	60.9	60.9	60.9	*60.9*	60.9	60.9	60.9	60.9	60.9	61.1	60.9
175°	59.4	59.4	59.4	*59.4*	59.2	59.2	59.4	59.4	59.4	59.4	59.4
177.5°	58.1	58.1	58.3	*58.1*	58.1	58.1	58.3	58.3	58.3	58.1	58.1
180°	57.6	57.6	57.6	*57.6*	57.6	57.6	57.6	57.6	57.6	57.6	57.6

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: SP1-2501-332-5

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

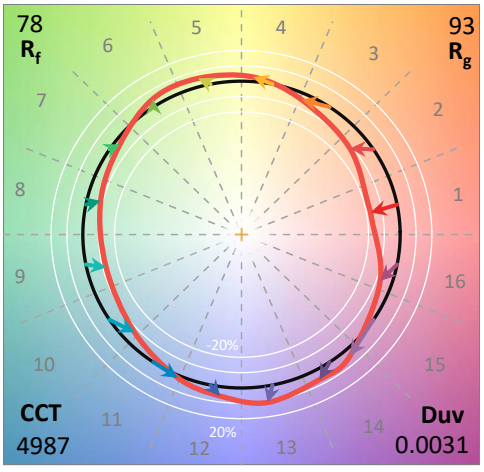
Test Information

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

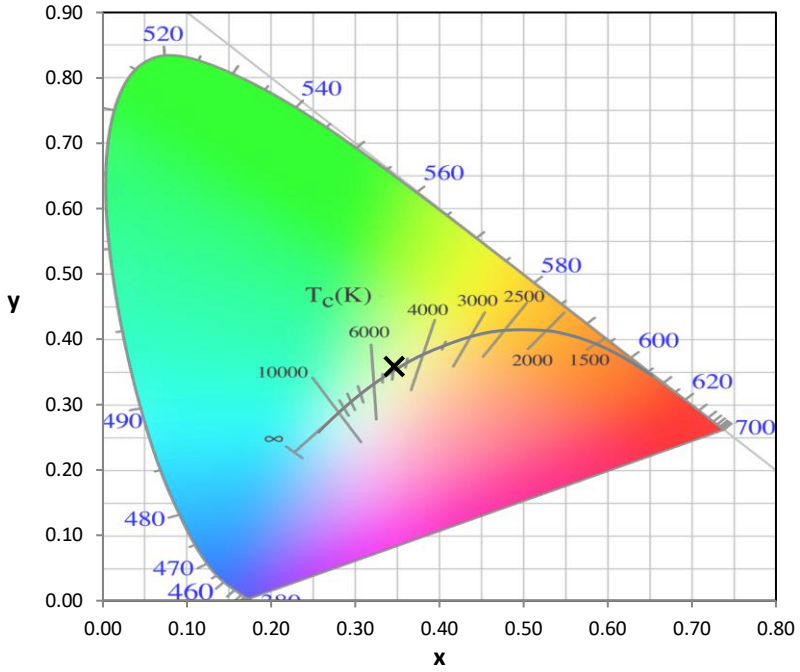
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

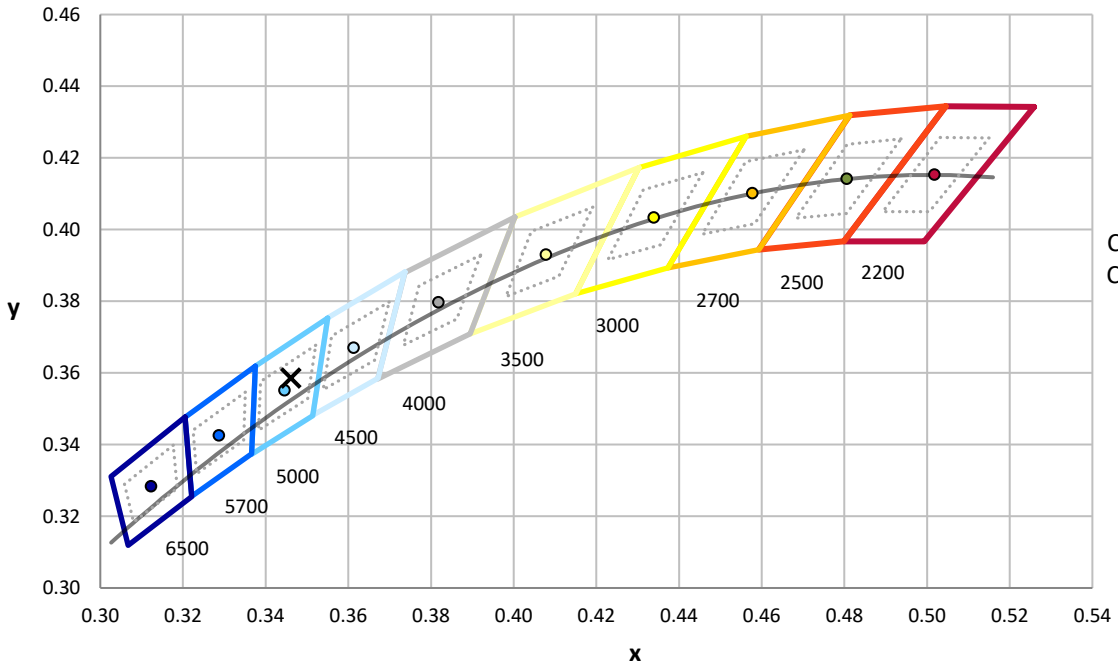
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

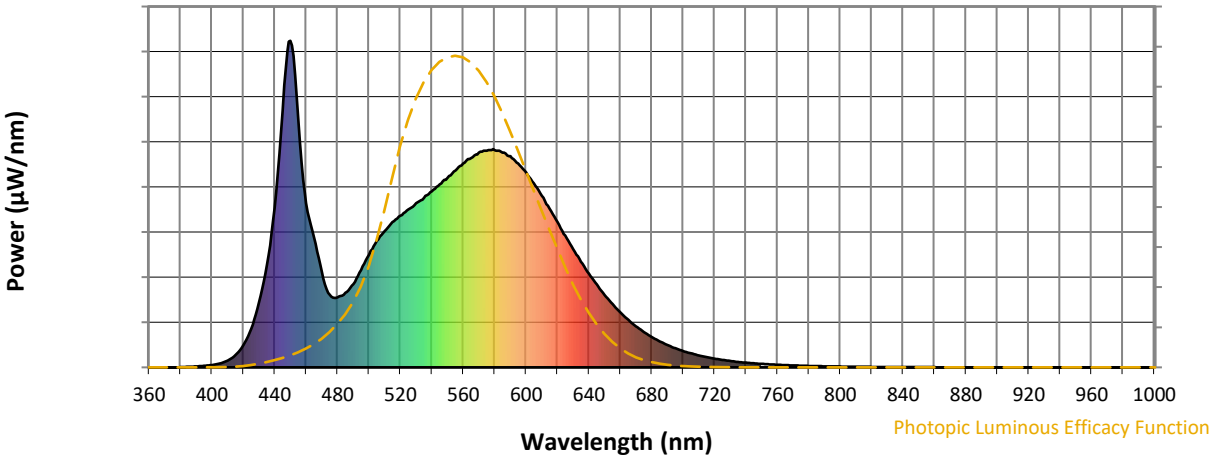


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

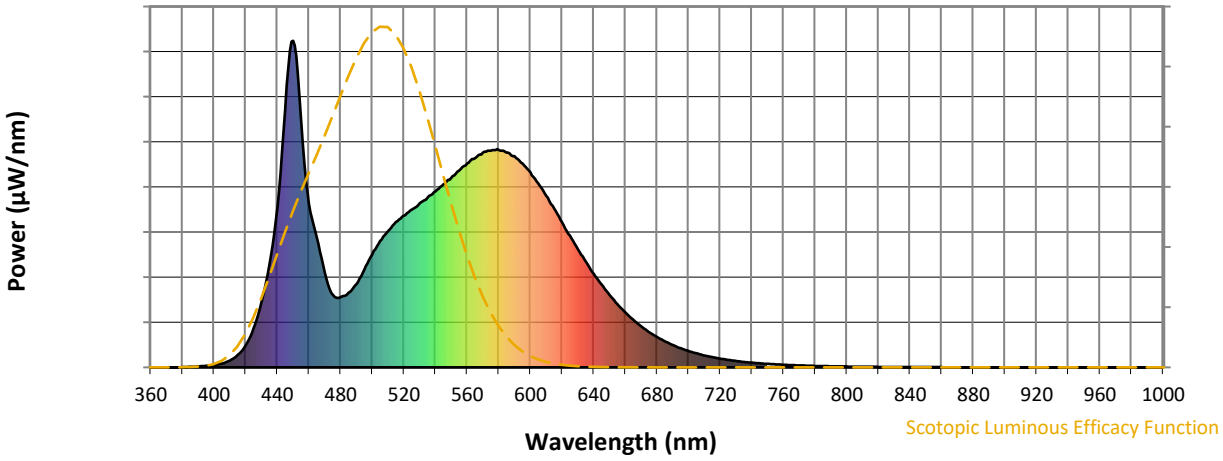


Photopic Lumens: NR

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

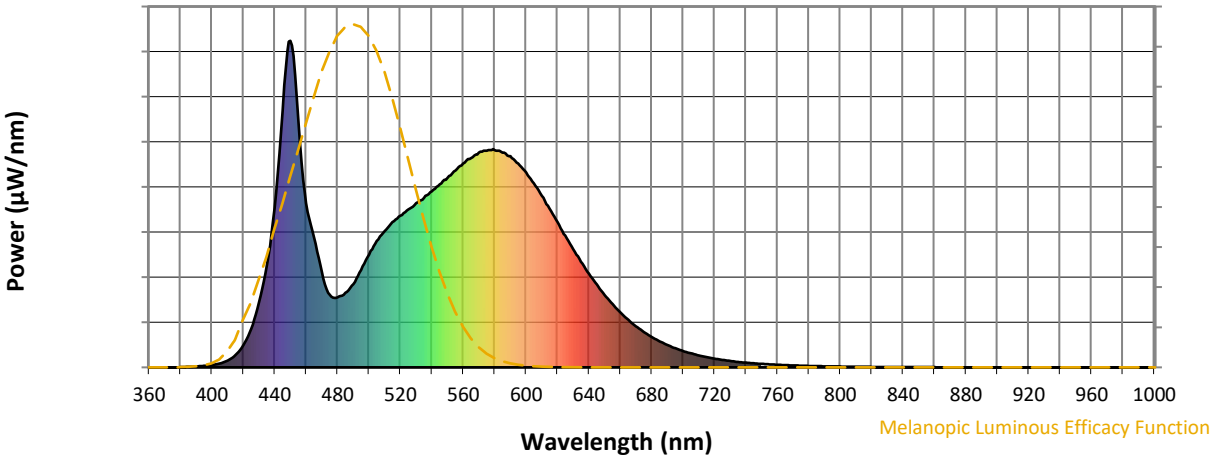


Scotopic Lumens: NR **S/P: 1.87**

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			

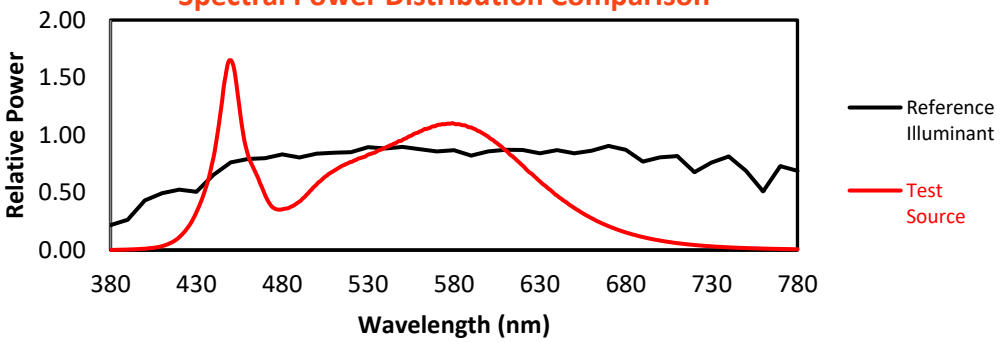
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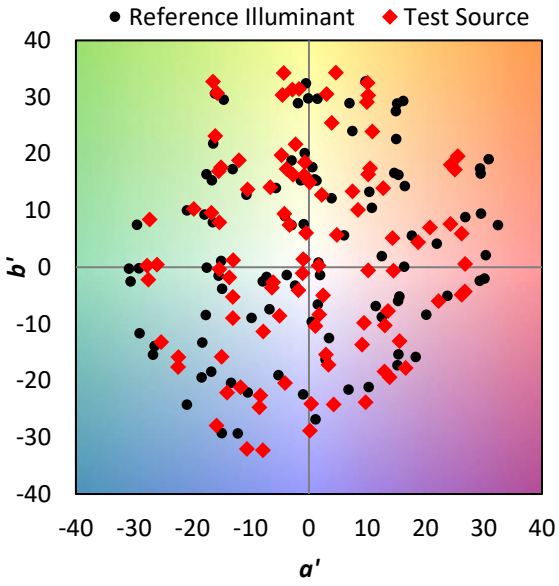
Summary

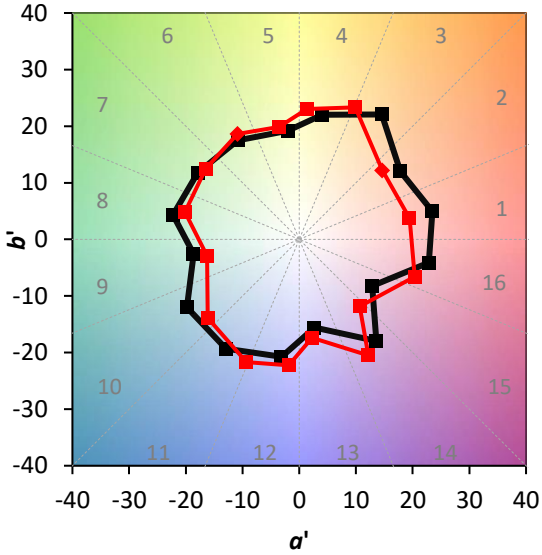
R_f = 78.3
R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

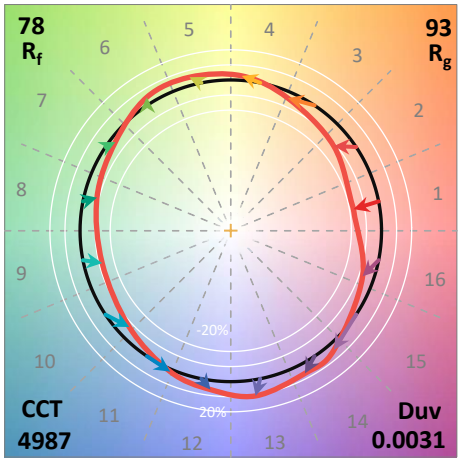
Spectral Power Distribution Comparison

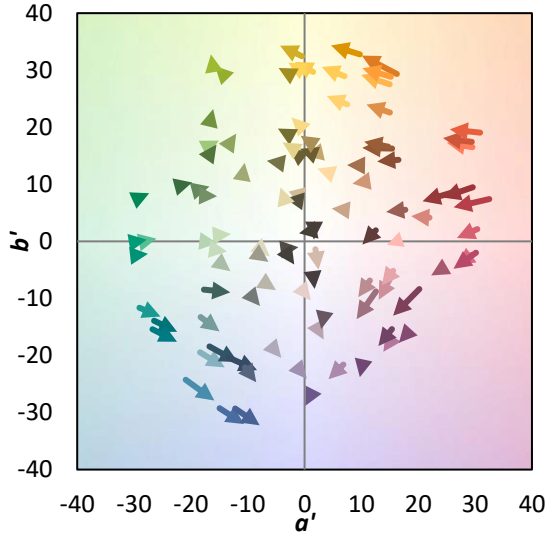


Color Vector Graphics







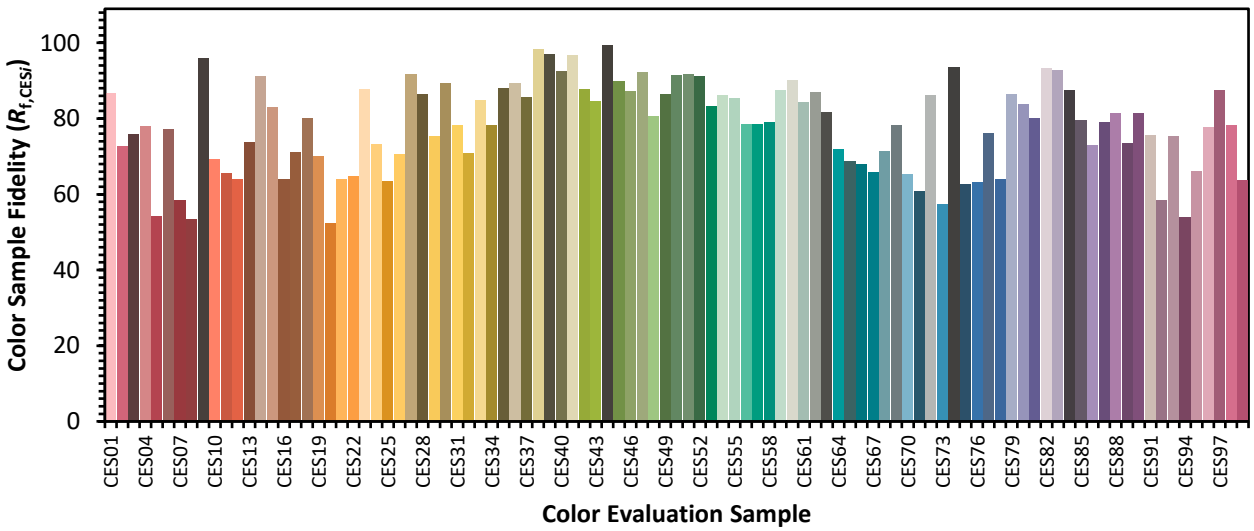


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Individual Sample Fidelity Index ($R_{f,i}$)

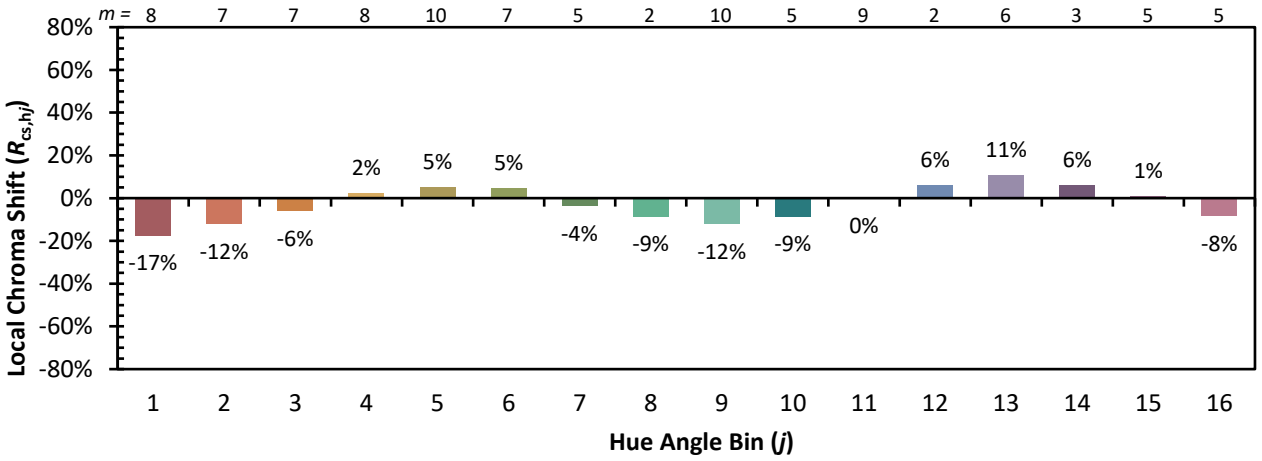
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82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

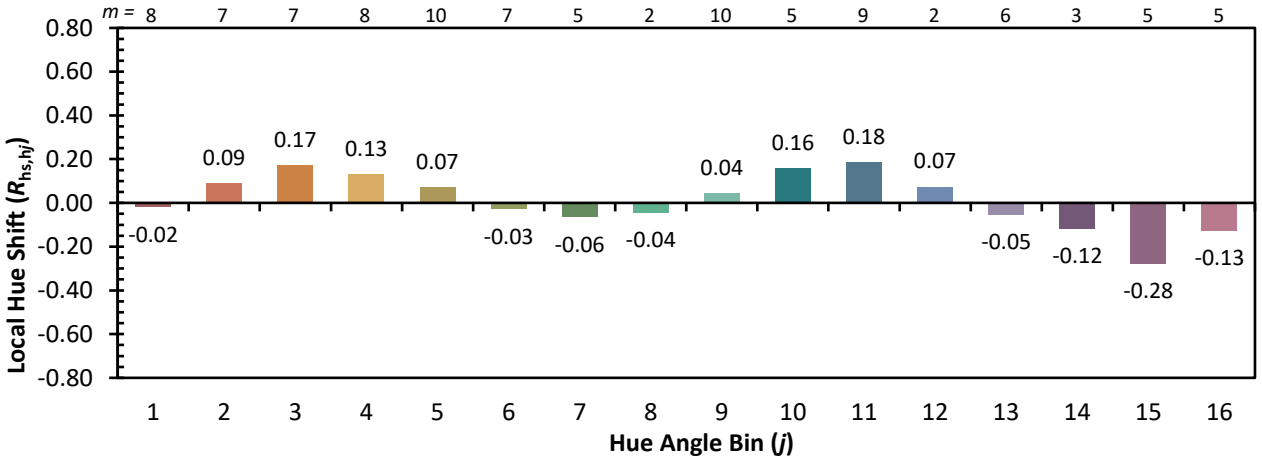


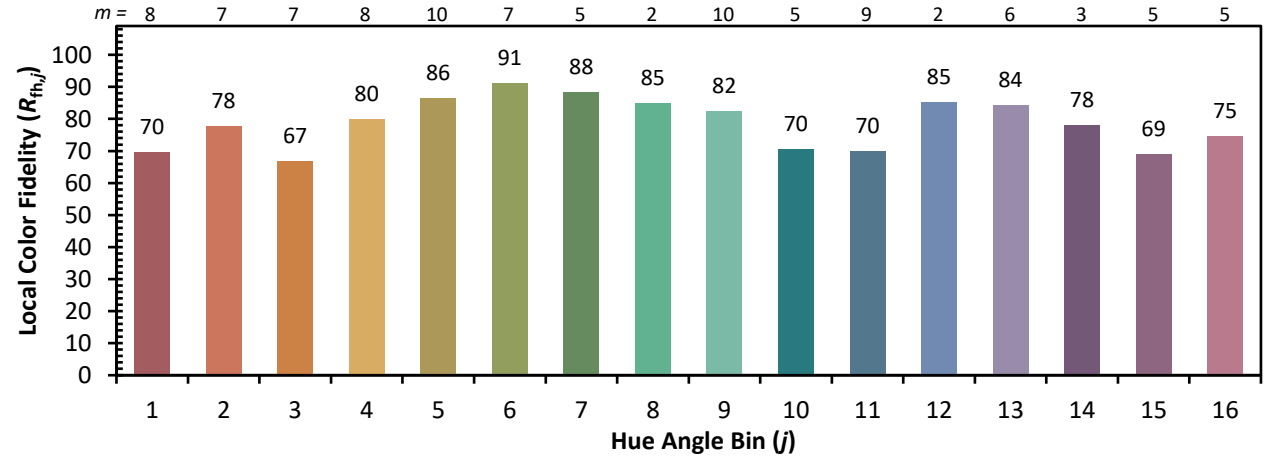
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Color Rendition by Hue-Angle Bin



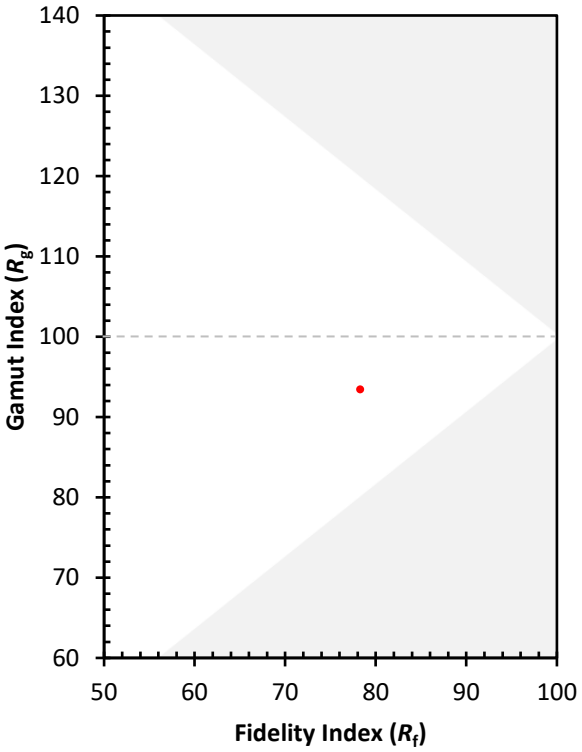


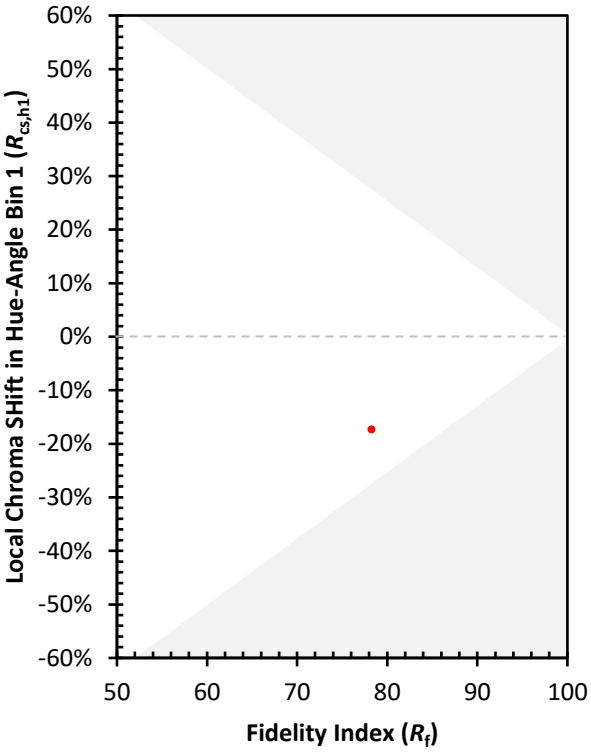


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Measure Comparisons





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