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: P981081

Luminaire Tested: **FFX-CLB-20-740-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:	P981081
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-740-U-FR-T5
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3450.3 lumens
Efficiency:	N/A
Efficacy:	174.3 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B2 - U4 - 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

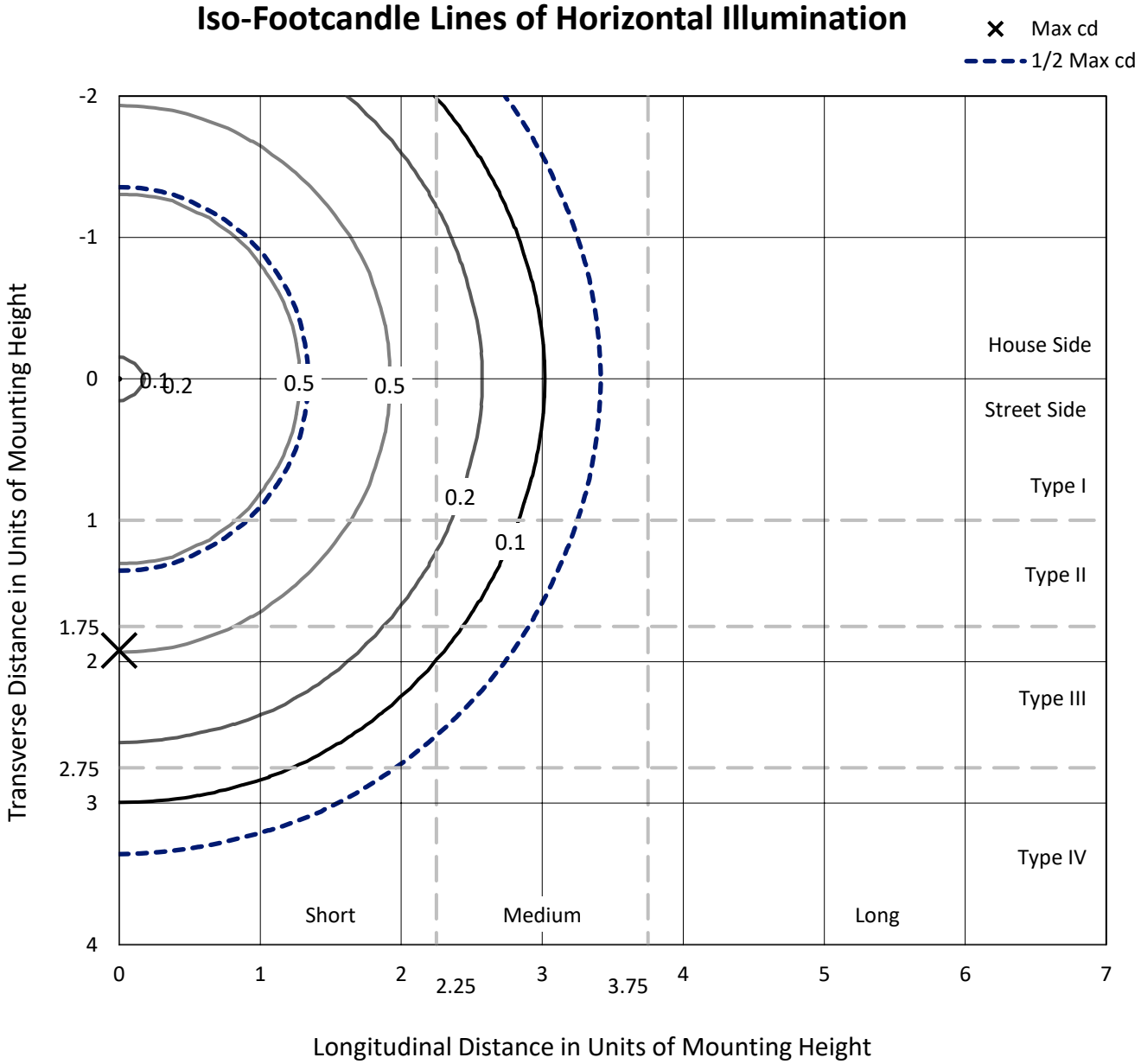


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REPORT NUMBER: P981081
CATALOG NUMBER: FFX-CLB-20-740-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



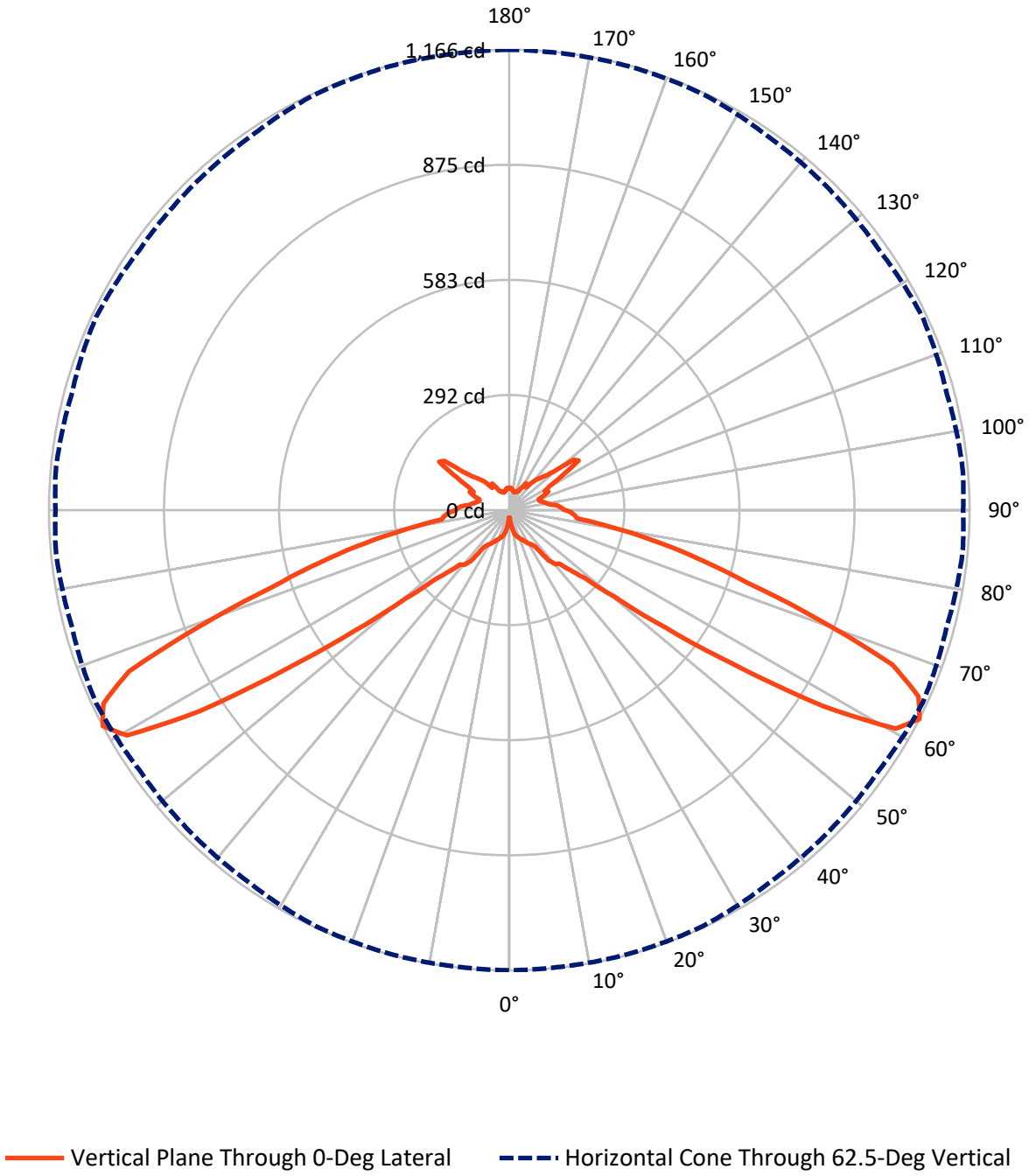
Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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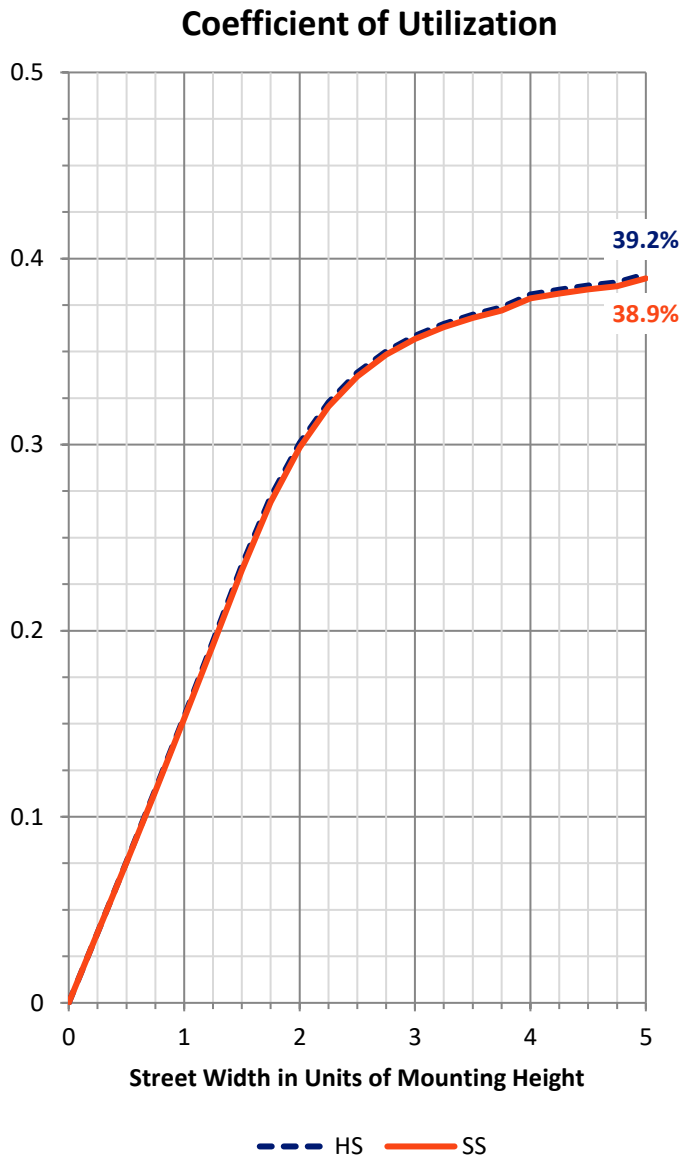
REPORT NUMBER: P981081
CATALOG NUMBER: FFX-CLB-20-740-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1397.3	327.9	1725.2
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	1397.3	327.9	1725.2
	% Fixture	40.5	9.5	50.0
Total	Lumens	2794.6	655.8	3450.3
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	19.2	0.6
20°-30°	40.8	1.2
30°-40°	82.4	2.4
40°-50°	184.1	5.3
50°-60°	649.4	18.8
60°-70°	1062.7	30.8
70°-80°	546.7	15.8
80°-90°	205.7	6.0
90°-100°	132.4	3.8
100°-110°	88.3	2.6
110°-120°	94.8	2.7
120°-130°	155.2	4.5
130°-140°	92.9	2.7
140°-150°	48.3	1.4
150°-160°	25.2	0.7
160°-170°	13.6	0.4
170°-180°	5.1	0.1
0°-90°	2794.6	81.0
0°-180°	3450.3	100.0



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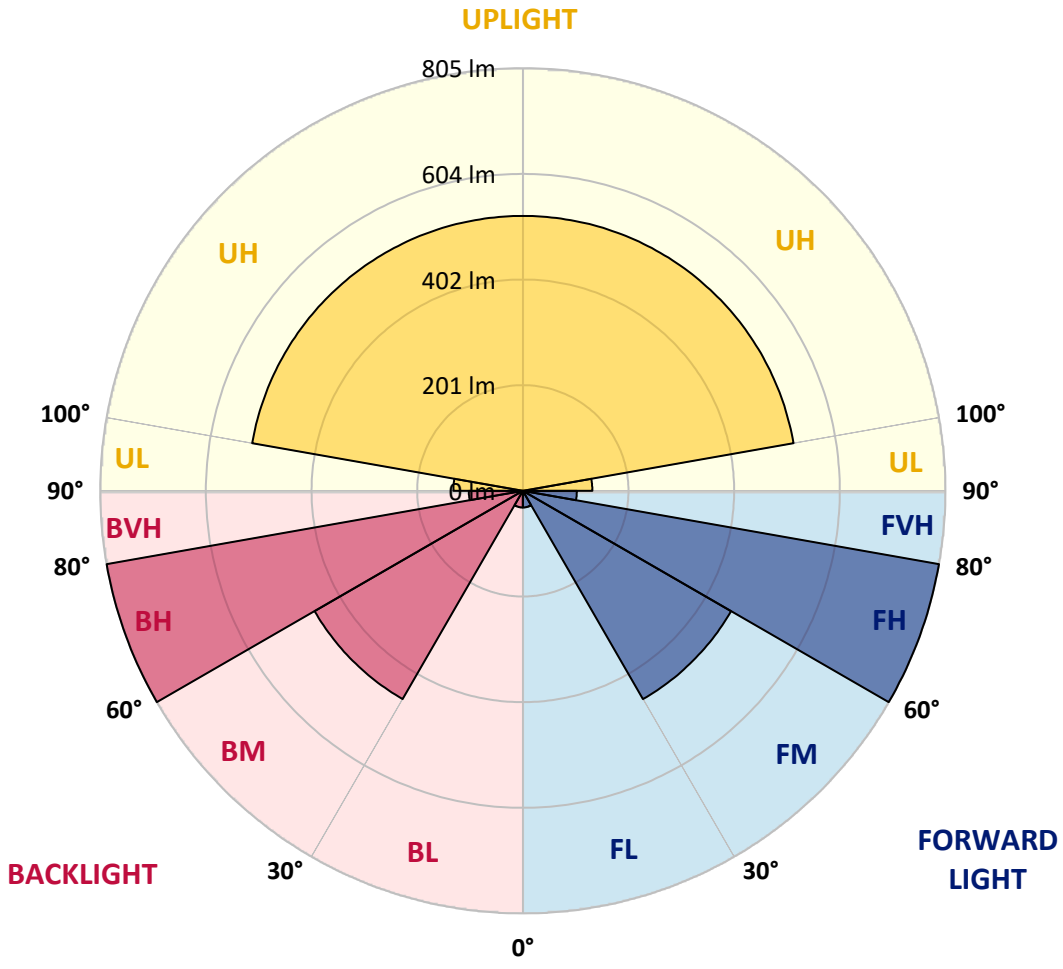
Scaled Data Report

REPORT NUMBER: P981081
CATALOG NUMBER: FFX-CLB-20-740-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	31.7	0.9			
FM	(30°-60°)	457.9	13.3			
FH	(60°-80°)	804.7	23.3			G1/1800
FVH	(80°-90°)	102.9	3.0			G2/225
BL	(0°-30°)	31.7	0.9	B0/110		
BM	(30°-60°)	457.9	13.3	B1/1000		
BH	(60°-80°)	804.7	23.3	B2/1000		G1/1800
BVH	(80°-90°)	102.9	3.0			G2/225
UL	(90°-100°)	132.4	3.8		U3/500	
UH	(100°-180°)	523.4	15.2		U4/1000	

BUG Rating: B2-U4-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
2.5°	19.7	19.9	20.5	21.0	21.2	20.8	21.0	21.4	21.4	21.6	21.6
5°	29.2	29.4	29.2	28.9	28.7	29.2	29.4	29.2	28.5	28.7	28.5
7.5°	43.1	43.1	41.3	40.9	40.4	42.4	43.5	43.1	40.9	38.9	38.4
10°	53.0	52.8	51.2	49.3	49.0	50.4	53.2	53.9	50.4	47.9	47.5
12.5°	62.9	61.4	60.5	58.5	58.7	59.6	61.6	61.8	59.4	57.4	56.1
15°	68.9	69.1	69.1	68.0	67.6	68.5	69.3	70.0	68.2	66.7	65.8
17.5°	71.6	71.8	72.4	73.1	73.1	72.7	72.7	72.9	72.9	72.9	72.7
20°	77.1	77.3	77.1	77.5	78.2	77.7	77.1	77.3	77.1	77.3	77.1
22.5°	81.5	81.3	81.3	81.9	82.4	82.2	81.5	81.7	81.3	81.5	81.5
25°	86.1	86.4	86.8	87.0	87.2	87.2	87.0	87.5	87.2	86.8	86.8
27.5°	92.5	92.5	92.5	92.5	93.4	93.4	93.0	93.2	92.5	92.1	91.9
30°	98.7	98.9	98.5	98.9	99.8	99.4	99.2	99.6	98.7	98.5	98.5
32.5°	104.5	104.5	104.2	105.6	105.8	105.3	106.0	106.5	106.9	106.7	107.8
35°	114.2	114.6	118.4	121.7	122.8	122.6	123.5	123.9	123.0	123.0	122.4
37.5°	161.2	161.0	155.7	150.6	153.1	156.1	153.1	152.2	150.4	149.5	149.1
40°	180.0	180.0	175.1	175.6	173.8	174.0	175.1	178.7	176.7	173.2	173.4
42.5°	185.7	187.5	193.3	203.6	199.9	193.9	186.8	189.3	194.4	197.4	198.1
45°	218.4	220.9	221.3	220.9	219.1	221.5	219.8	221.1	221.7	225.7	227.5
47.5°	256.9	256.0	256.2	261.7	259.7	261.3	264.6	264.1	267.0	266.6	268.1
50°	344.3	346.7	343.2	350.3	352.0	349.4	362.2	362.2	363.5	357.8	358.5
52.5°	494.9	489.2	489.2	491.0	491.4	499.6	508.6	508.4	511.7	508.6	515.5
55°	688.9	687.5	690.4	710.9	713.1	706.1	708.1	699.0	728.2	720.7	726.2
57.5°	935.6	938.9	935.1	935.3	933.6	931.6	942.6	923.8	938.0	922.1	922.5
60°	1124.4	1120.0	1107.6	1083.3	1081.3	1088.6	1101.0	1101.6	1087.5	1078.7	1071.2
62.5°	1166.1	1164.6	1164.1	1162.2	1150.9	1147.8	1145.4	1155.3	1146.9	1153.3	1149.6
65°	1139.4	1132.8	1138.7	1148.2	1141.0	1126.6	1114.2	1131.5	1125.9	1149.8	1137.4
67.5°	1046.9	1040.7	1038.3	1057.0	1048.0	1025.2	1016.8	1020.8	1014.4	1040.7	1035.8
70°	830.9	831.1	835.9	860.2	851.2	834.4	824.2	826.9	833.3	855.4	849.2
72.5°	630.3	629.0	634.7	640.9	641.4	640.0	637.4	639.4	643.1	655.3	658.4
75°	497.4	496.9	487.7	491.0	489.6	495.6	504.4	503.1	505.1	495.8	493.2
77.5°	376.3	376.8	373.2	371.7	370.4	380.1	394.2	394.9	385.4	378.5	375.7
80°	260.4	262.2	272.8	273.0	275.0	275.0	286.2	284.9	281.6	281.4	281.4
82.5°	172.7	175.8	186.6	199.0	201.0	198.6	204.7	206.5	210.7	213.8	214.7
85°	166.1	171.6	168.1	173.4	173.6	175.1	177.6	178.5	178.0	178.7	177.3
87.5°	155.5	162.3	161.4	165.0	165.9	168.3	170.9	172.0	169.8	168.1	167.6
90°	138.0	144.4	147.5	150.4	151.3	150.6	152.4	152.8	152.6	150.6	150.2
92.5°	130.7	133.2	134.9	137.2	139.8	138.3	139.4	138.3	140.0	139.6	140.0
95°	121.5	122.4	121.3	122.6	123.0	121.5	121.3	121.3	120.4	119.3	119.7
97.5°	102.7	104.2	103.8	103.8	104.0	103.4	103.6	103.4	103.8	103.1	102.9
100°	95.9	95.9	95.4	95.2	95.0	94.3	94.1	93.4	93.4	92.8	92.3
102.5°	88.8	89.4	88.8	88.6	88.6	87.5	87.7	87.7	87.2	87.0	85.9
105°	83.7	83.5	83.0	82.2	81.3	81.3	81.7	81.5	80.8	80.6	79.7
107.5°	79.1	78.6	78.0	76.6	76.2	76.4	77.1	77.3	77.1	76.2	75.5
110°	80.0	79.3	78.2	77.7	78.4	78.8	79.1	79.5	80.8	81.3	80.4

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CATALOG NUMBER: FFX-CLB-20-740-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*96.3*	95.2	94.5	91.7	93.9	94.3	93.9	94.1	94.7	93.9	94.3
115°	*110.0*	111.1	111.3	102.5	102.7	101.4	100.0	99.6	97.6	99.2	104.2
117.5°	*101.6*	105.1	97.4	93.4	91.0	90.1	92.3	92.8	90.8	93.2	100.5
120°	*116.6*	118.2	102.3	94.5	94.3	98.1	104.0	105.8	103.6	108.2	116.6
122.5°	*158.4*	157.3	155.7	157.0	153.5	153.3	158.1	157.5	151.5	152.2	154.2
125°	*215.8*	215.3	212.5	209.6	207.2	208.5	206.5	204.1	199.7	199.0	199.0
127.5°	*206.5*	206.5	204.5	203.0	200.5	200.8	200.5	196.1	194.4	194.6	194.6
130°	*152.0*	152.2	158.4	163.9	162.3	163.0	159.0	157.7	163.4	168.7	168.7
132.5°	*128.8*	129.2	136.0	140.2	138.0	133.6	129.4	129.9	133.4	138.7	138.5
135°	*115.1*	116.0	116.4	116.0	114.6	113.5	113.3	114.4	115.3	119.0	119.9
137.5°	*104.2*	103.6	101.4	99.4	97.8	100.7	102.5	102.0	101.2	100.5	100.9
140°	*91.7*	90.8	87.7	87.2	88.1	89.4	89.9	90.3	90.6	90.1	89.9
142.5°	*71.6*	72.2	75.1	78.6	78.8	76.6	76.9	76.9	77.7	78.8	78.4
145°	*71.8*	72.2	73.3	76.0	76.0	74.2	73.5	74.2	76.2	78.4	78.4
147.5°	*80.0*	79.3	77.7	77.1	76.4	76.2	76.2	74.6	74.9	74.9	74.9
150°	*68.0*	67.8	66.9	66.5	66.3	66.0	67.1	66.9	67.4	66.9	66.7
152.5°	*56.1*	55.9	55.0	54.3	54.6	55.9	57.6	58.3	57.9	57.0	56.5
155°	*53.2*	53.4	52.1	51.7	51.9	52.6	53.0	53.0	52.1	51.0	51.0
157.5°	*50.4*	50.6	49.9	49.5	49.7	50.1	50.8	51.0	50.4	49.5	49.3
160°	*48.1*	47.9	47.7	47.7	47.7	47.7	47.9	48.1	47.9	47.7	47.5
162.5°	*47.0*	47.0	47.0	47.0	47.3	47.0	47.0	47.0	47.0	47.0	47.0
165°	*46.8*	46.8	47.0	47.5	47.7	47.5	47.5	47.5	47.7	48.1	48.1
167.5°	*48.8*	48.6	49.3	49.5	49.7	49.5	49.3	49.0	49.3	49.7	49.7
170°	*51.0*	51.2	51.2	51.5	51.5	51.2	51.0	51.2	51.0	51.2	51.2
172.5°	*53.2*	53.2	53.2	53.0	53.0	53.0	53.0	53.0	53.0	52.8	52.8
175°	*55.0*	55.0	55.0	55.0	54.8	55.0	55.2	55.2	55.0	55.0	54.6
177.5°	*56.5*	56.5	56.5	56.5	56.5	56.5	56.5	56.3	56.3	56.3	56.1
180°	*56.8*	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8

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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: SP1-2501-332-1

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

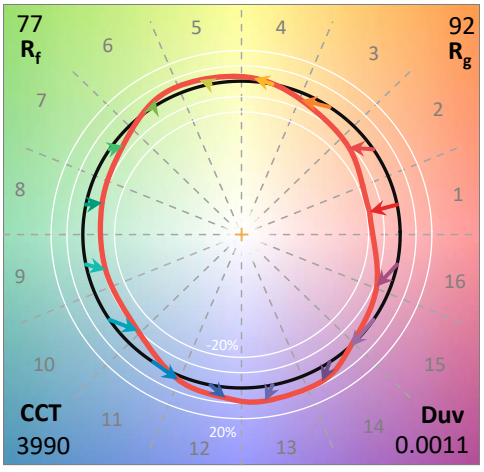
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-1
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-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3990	CRI (Ra):	73.9		
CIE u':	0.2247	R1:	69.6	R9:	-36.4
CIE v':	0.5031	R2:	83.0	R10:	60.9
Duv:	0.0011	R3:	93.1	R11:	66.8
CIE x:	0.3816	R4:	70.6	R12:	52.5
CIE y:	0.3798	R5:	70.6	R13:	72.5
CIE z:	0.2386	R6:	76.4	R14:	96.4
Peak Wavelength (nm):	450	R7:	79.8	R15:	61.3
Dominant Wavelength (nm):	578	R8:	48.1		
Purity:	28.50862				

Rf:	77.5
Rg:	91.9



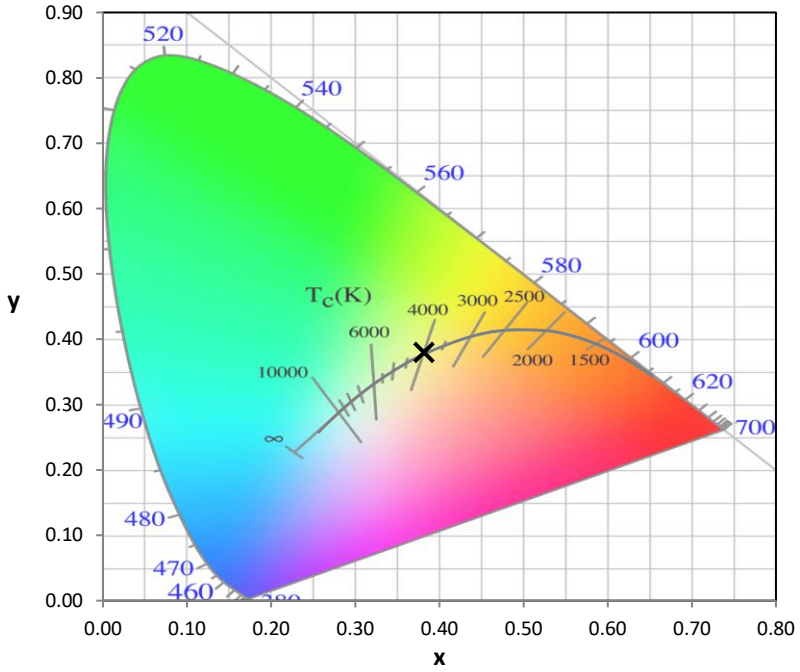
Test Conditions

Stabilization Time:	70M
Operation Time:	2H 10M
Sphere Temperature (°C):	25.0

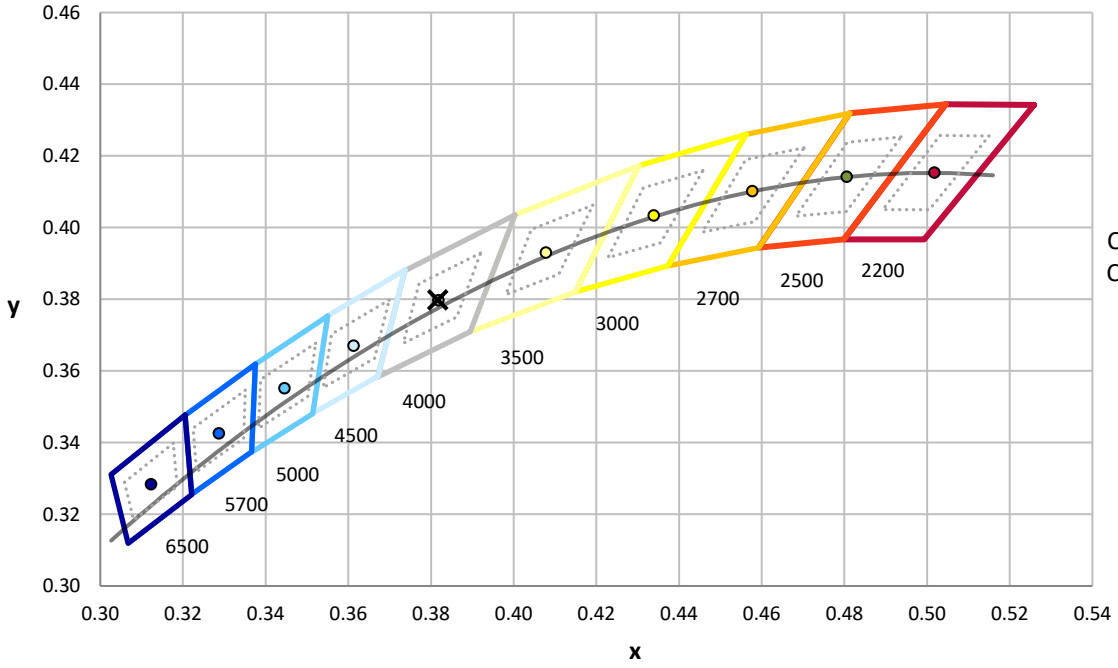
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-1

CIE 1931 Chromaticity Diagram



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

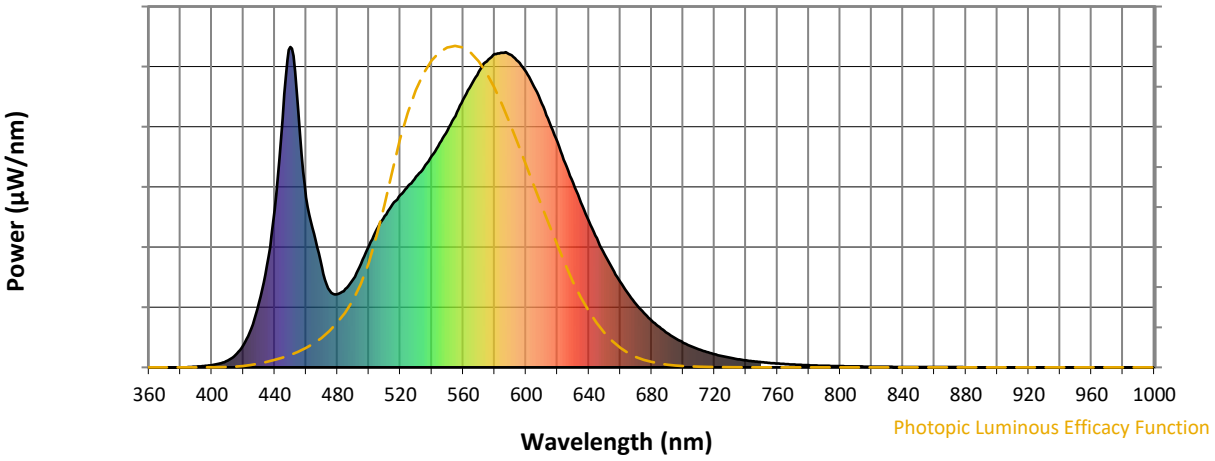


CCT = 3990K
CIE x = 0.3816
CIE y = 0.3798
Duv = 0.0011

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-1

Photopic Flux vs. Wavelength

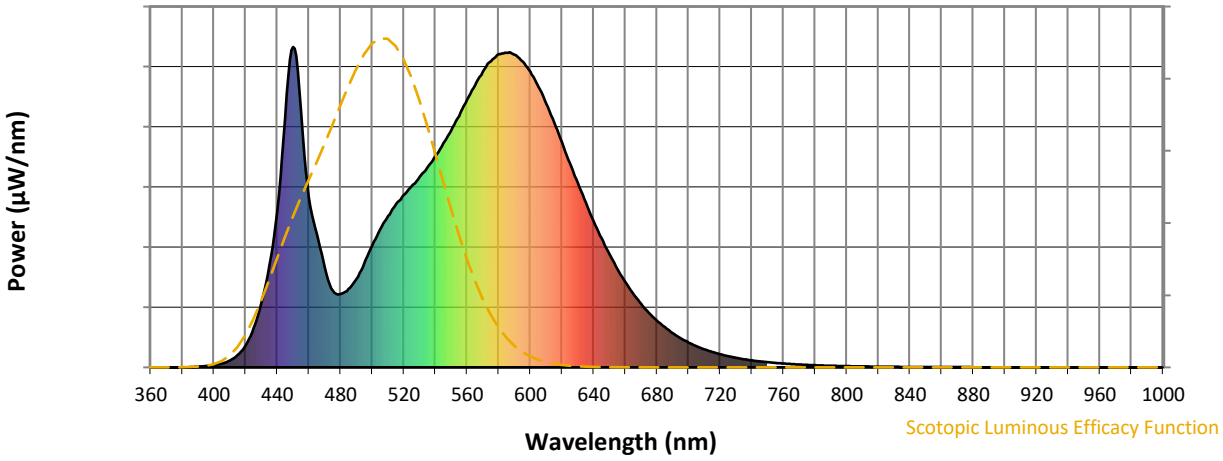


Photopic Lumens: NR

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-1

Scotopic Flux vs. Wavelength

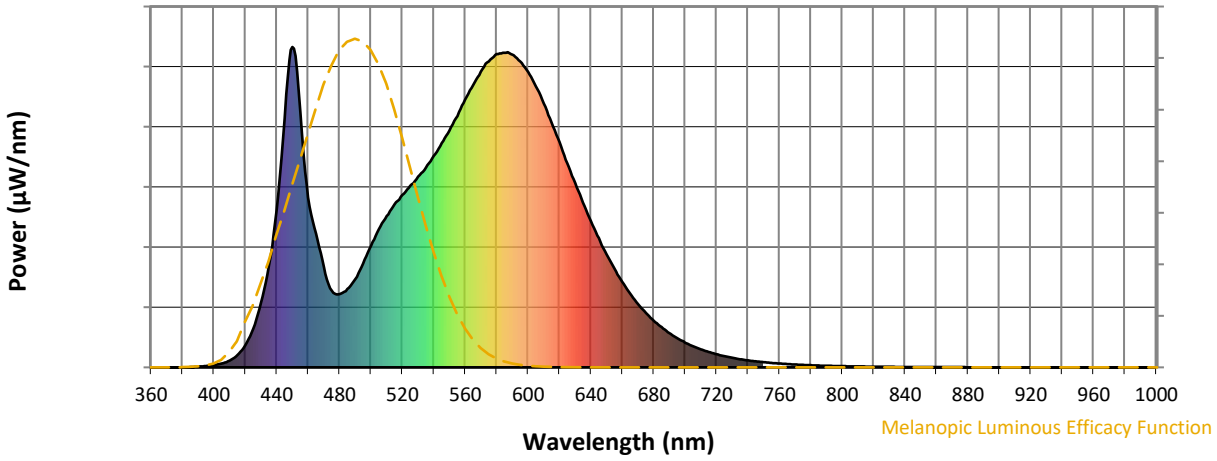


Scotopic Lumens: NR **S/P: 1.59**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.21**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

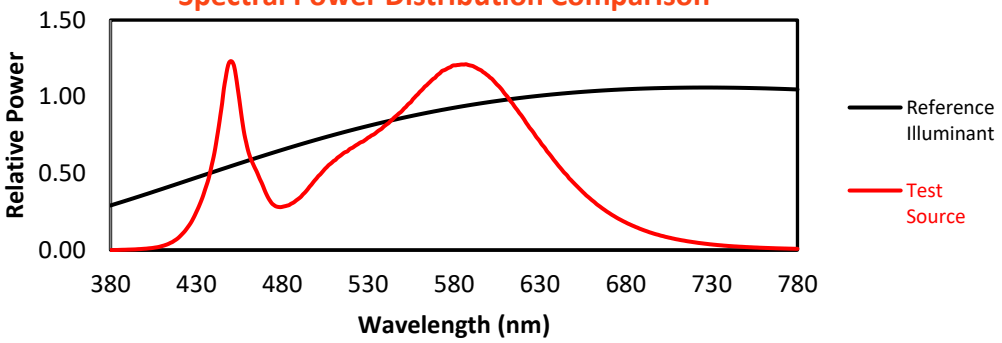
REPORT NUMBER: SP1-2501-332-1

TM-30-18

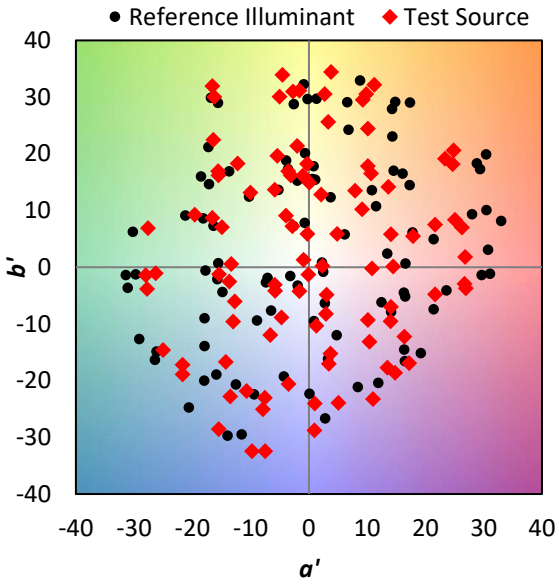
Summary

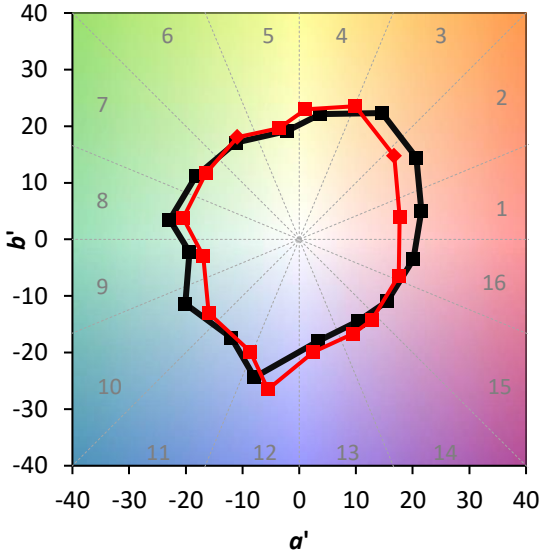
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R_g = 91.9
CIE R_a = 73.9
R_9 = -36.4

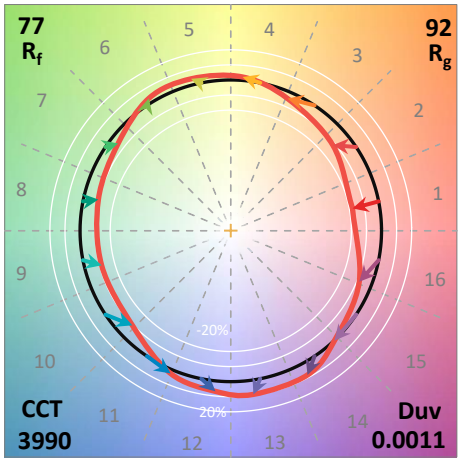
Spectral Power Distribution Comparison

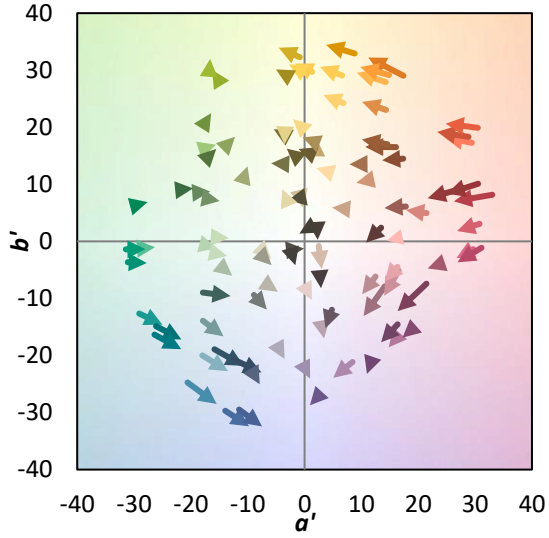


Color Vector Graphics







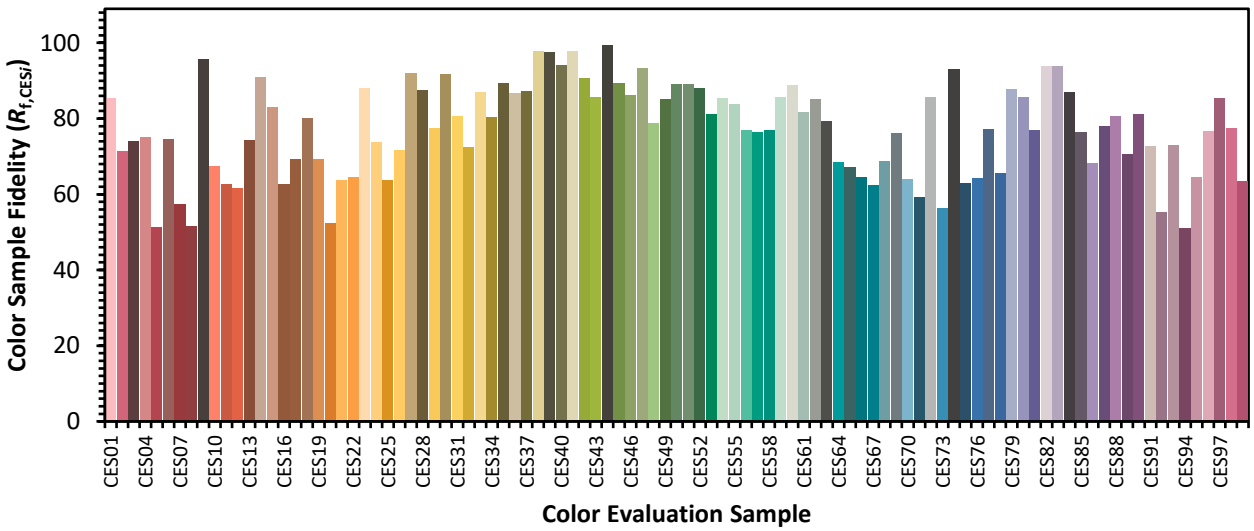


REPORT NUMBER: SP1-2501-332-1

TM-30-18

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

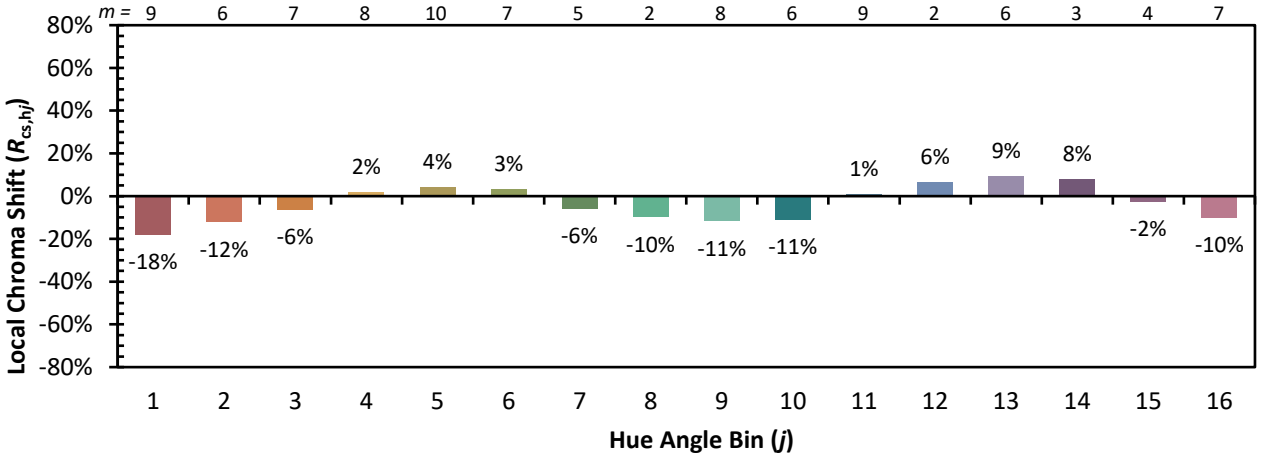
CES01 = 85	CES26 = 72	CES51 = 89	CES76 = 64
CES02 = 61	CES27 = 92	CES52 = 88	CES77 = 77
CES03 = 30	CES28 = 88	CES53 = 81	CES78 = 65
CES04 = 70	CES29 = 78	CES54 = 85	CES79 = 88
CES05 = 47	CES30 = 92	CES55 = 84	CES80 = 86
CES06 = 50	CES31 = 81	CES56 = 77	CES81 = 77
CES07 = 40	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 39	CES33 = 87	CES58 = 77	CES83 = 94
CES09 = 29	CES34 = 80	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 89	CES60 = 89	CES85 = 76
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 68
CES12 = 63	CES37 = 87	CES62 = 85	CES87 = 78
CES13 = 42	CES38 = 98	CES63 = 79	CES88 = 81
CES14 = 74	CES39 = 98	CES64 = 68	CES89 = 71
CES15 = 71	CES40 = 94	CES65 = 67	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 65	CES91 = 73
CES17 = 49	CES42 = 91	CES67 = 62	CES92 = 55
CES18 = 56	CES43 = 86	CES68 = 69	CES93 = 73
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 51
CES20 = 65	CES45 = 89	CES70 = 64	CES95 = 65
CES21 = 86	CES46 = 86	CES71 = 59	CES96 = 77
CES22 = 78	CES47 = 93	CES72 = 86	CES97 = 85
CES23 = 92	CES48 = 79	CES73 = 56	CES98 = 77
CES24 = 91	CES49 = 85	CES74 = 93	CES99 = 63
CES25 = 72	CES50 = 89	CES75 = 63	

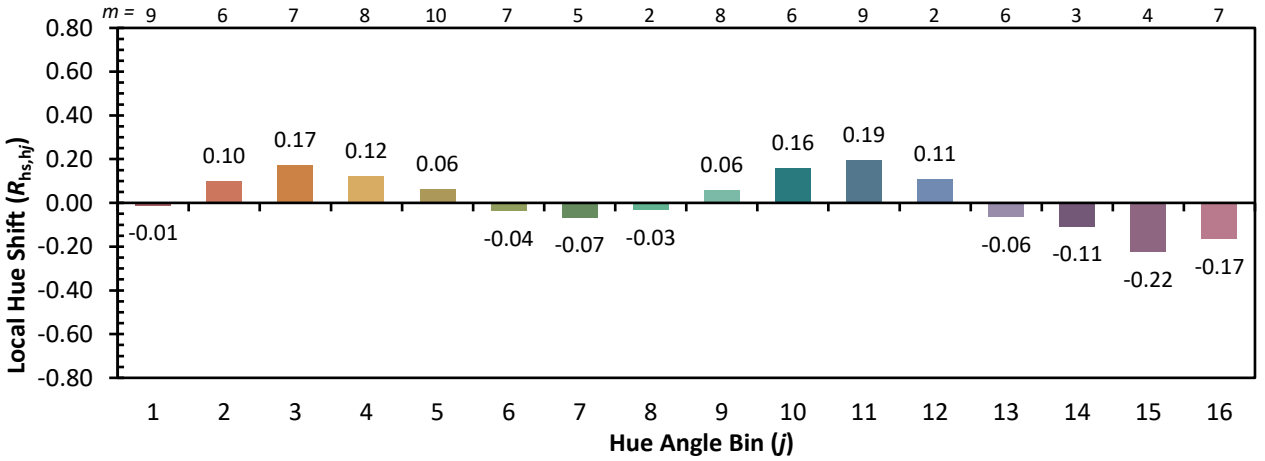


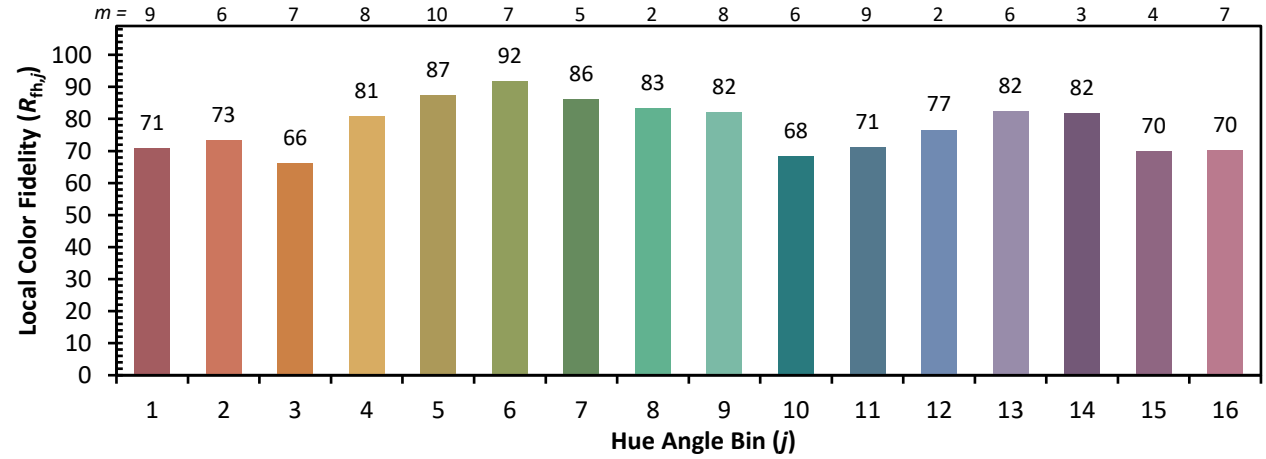
REPORT NUMBER: SP1-2501-332-1

TM-30-18

Color Rendition by Hue-Angle Bin



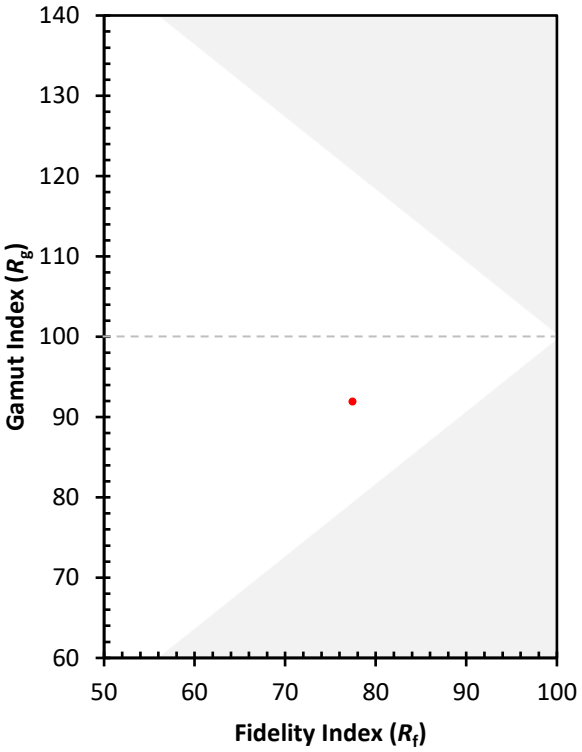


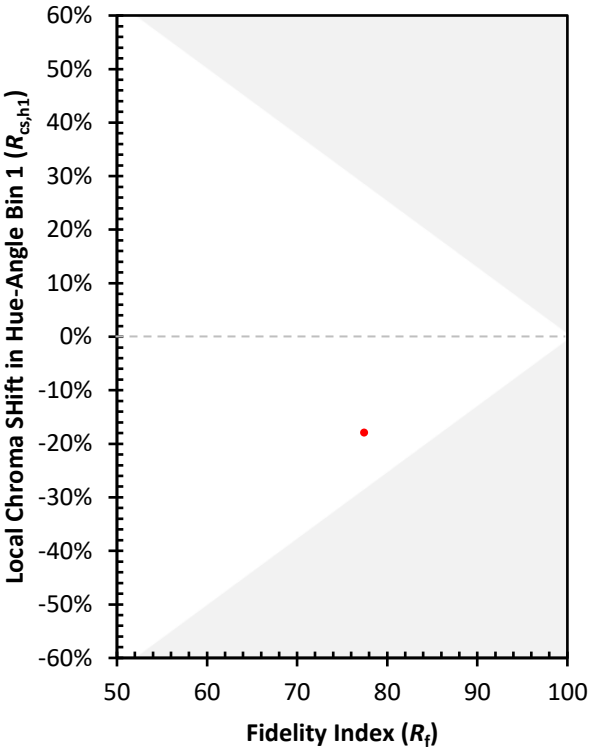


REPORT NUMBER: SP1-2501-332-1

TM-30-18

Measure Comparisons





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