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: P981268

Luminaire Tested: **FFX-CLB-40-750-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:	P981268
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-40-750-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:	6844.3 lumens
Efficiency:	N/A
Efficacy:	173.7 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B2 - U5 - G3

Input Watts (W):	39.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

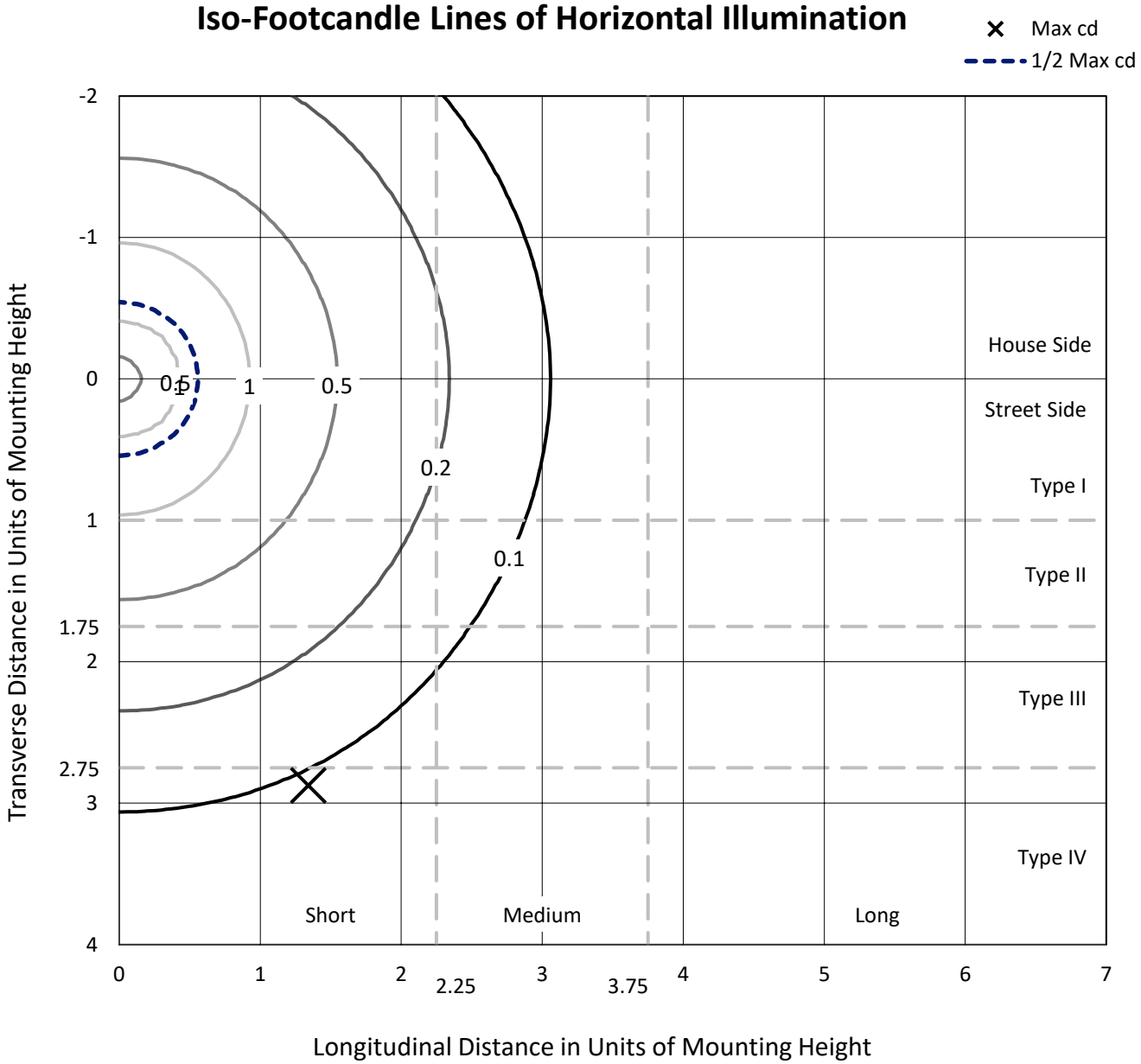


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REPORT NUMBER: P981268
CATALOG NUMBER: FFX-CLB-40-750-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



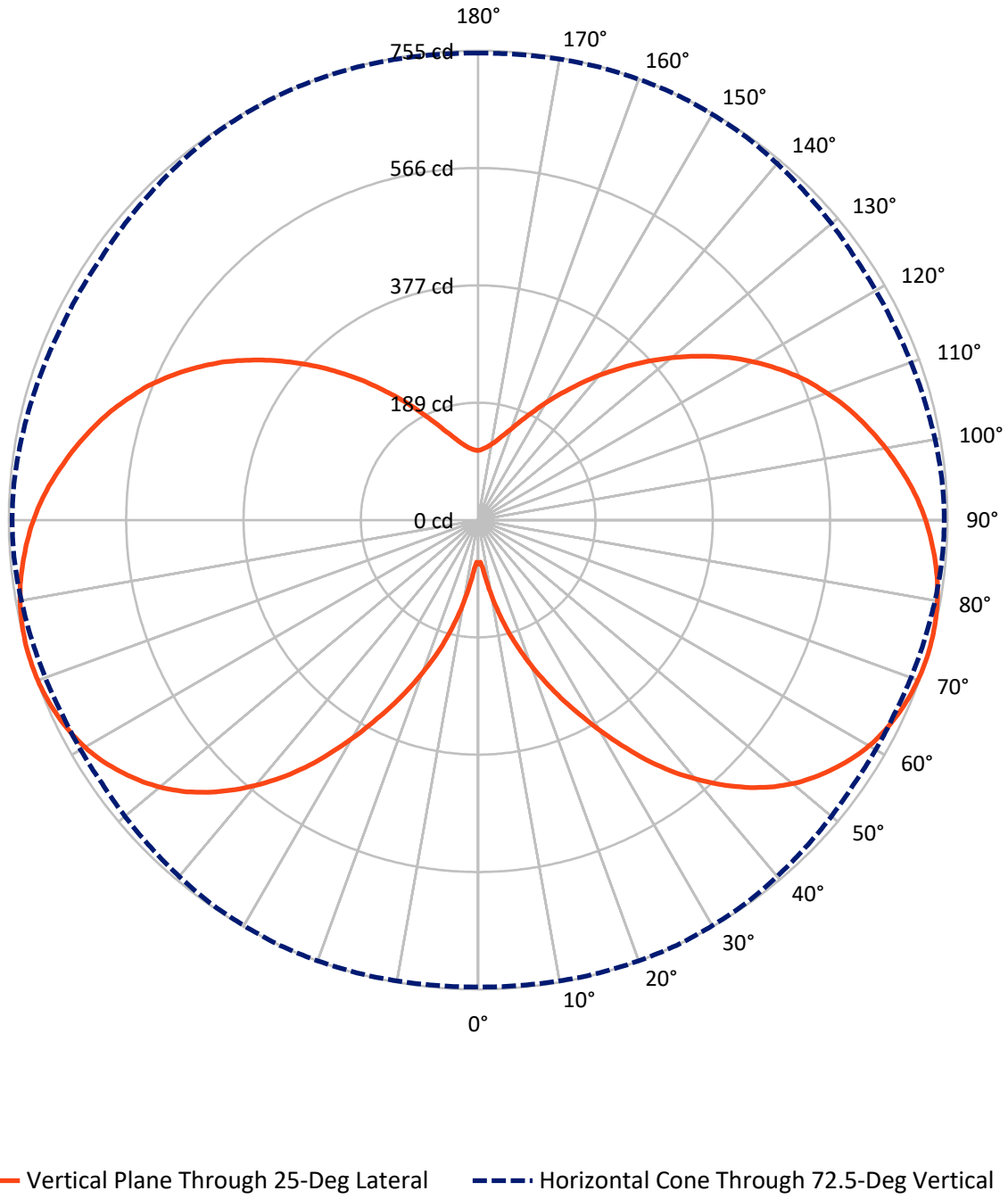
Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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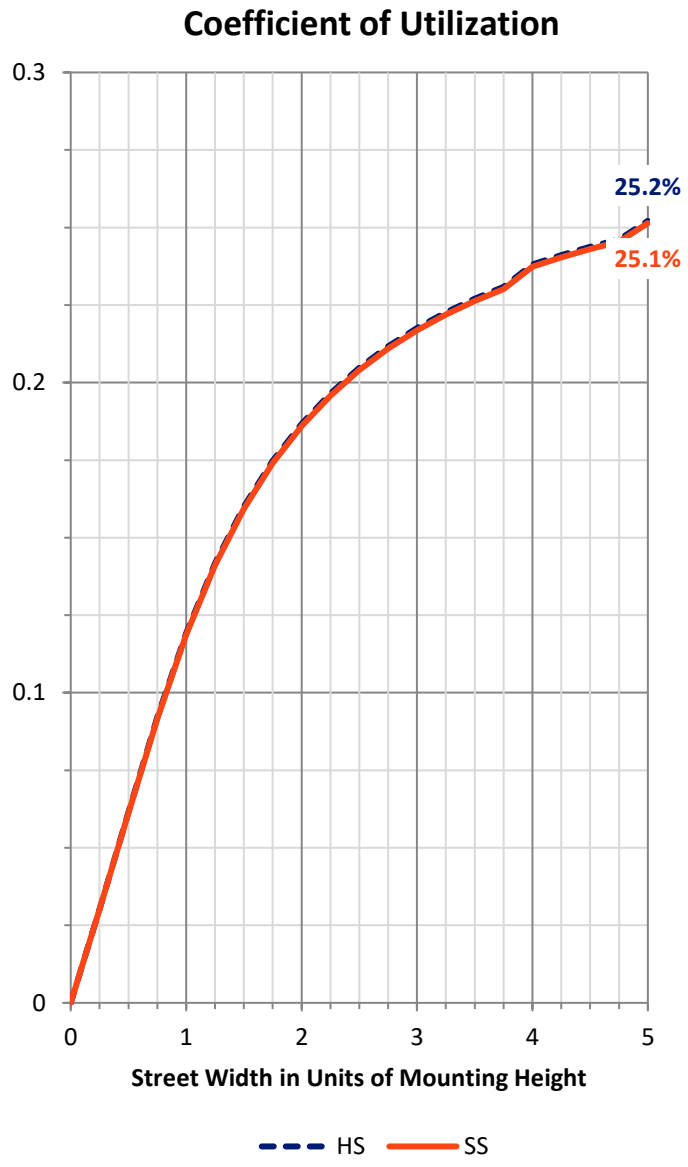
REPORT NUMBER: P981268
CATALOG NUMBER: FFX-CLB-40-750-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1957.9	1464.2	3422.1
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	1957.9	1464.2	3422.1
	% Fixture	28.6	21.4	50.0
Total	Lumens	3915.8	2928.5	6844.3
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.2	0.1
10°-20°	55.7	0.8
20°-30°	150.7	2.2
30°-40°	297.5	4.3
40°-50°	468.7	6.8
50°-60°	621.1	9.1
60°-70°	730.2	10.7
70°-80°	788.9	11.5
80°-90°	793.8	11.6
90°-100°	747.4	10.9
100°-110°	660.6	9.7
110°-120°	544.6	8.0
120°-130°	407.1	5.9
130°-140°	271.8	4.0
140°-150°	161.5	2.4
150°-160°	85.0	1.2
160°-170°	39.2	0.6
170°-180°	11.2	0.2
0°-90°	3915.8	57.2
0°-180°	6844.3	100.0



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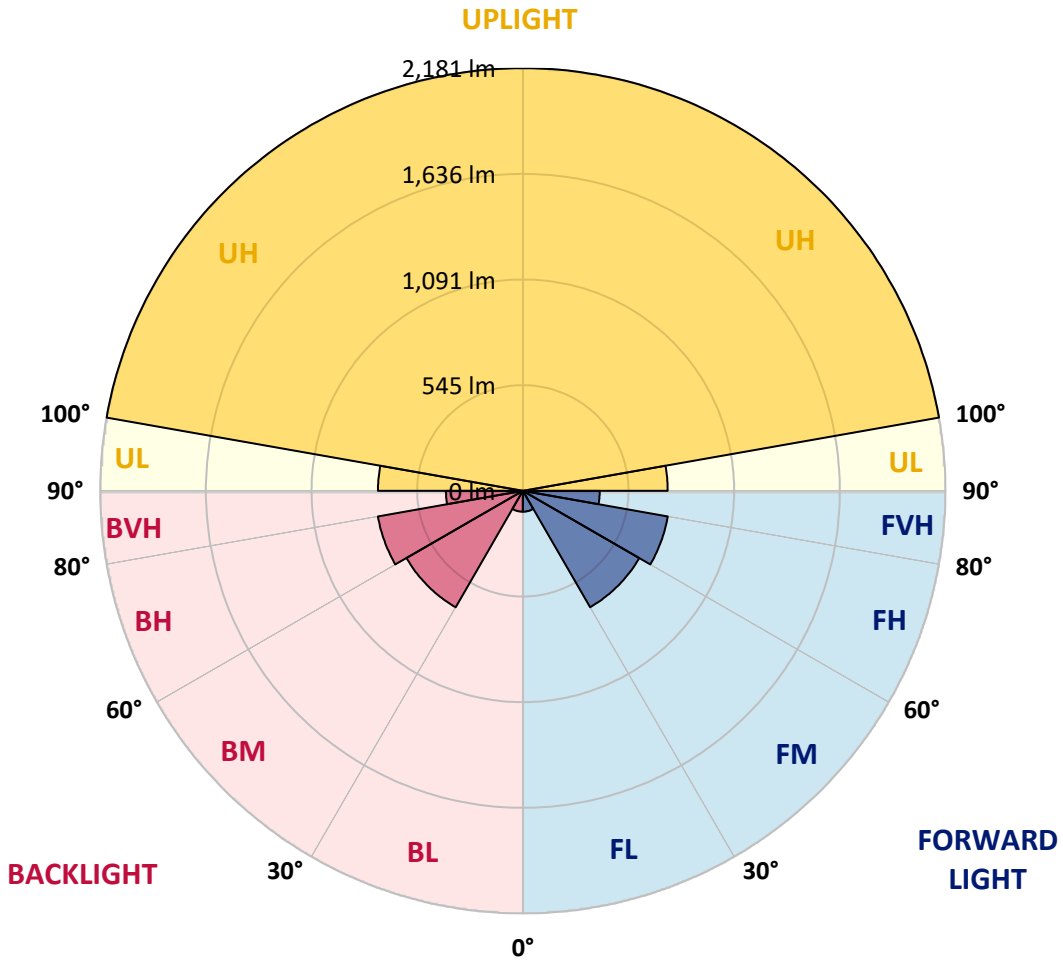
Scaled Data Report

REPORT NUMBER: P981268
CATALOG NUMBER: FFX-CLB-40-750-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	107.8	1.6			
FM	(30°-60°)	693.6	10.1			
FH	(60°-80°)	759.6	11.1			G1/1800
FVH	(80°-90°)	396.9	5.8			G3/500
BL	(0°-30°)	107.8	1.6	B0/110		
BM	(30°-60°)	693.6	10.1	B1/1000		
BH	(60°-80°)	759.6	11.1	B2/1000		G1/1800
BVH	(80°-90°)	396.9	5.8			G3/500
UL	(90°-100°)	747.4	10.9		U4/1000	
UH	(100°-180°)	2181.0	31.9		U5	

BUG Rating: B2-U5-G3
Type V Short



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REPORT NUMBER: P981268
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
2.5°	66.8	66.8	67.2	67.7	68.1	68.5	69.0	69.4	69.8	69.4	69.4
5°	77.1	78.0	78.0	78.0	77.5	78.0	78.8	78.8	79.7	79.2	78.8
7.5°	98.9	101.1	101.1	100.7	100.2	100.7	100.2	100.2	100.2	99.8	100.7
10°	128.9	128.1	128.5	128.1	127.2	127.6	128.1	127.2	127.2	127.2	127.2
12.5°	158.1	157.6	158.9	158.5	158.9	157.6	158.5	157.6	157.6	156.3	156.8
15°	192.3	192.3	191.9	190.6	191.0	189.3	190.2	189.8	188.5	188.5	188.0
17.5°	224.0	223.6	224.0	222.3	222.3	221.9	221.0	220.6	220.6	219.3	218.9
20°	255.7	254.9	254.4	254.4	253.1	253.1	252.3	250.6	249.7	250.1	249.3
22.5°	290.0	288.3	288.3	288.3	285.7	284.8	284.4	282.7	282.7	281.4	281.4
25°	324.2	324.7	324.7	323.0	321.7	320.0	319.1	317.8	316.5	316.1	316.5
27.5°	361.9	362.8	361.5	358.5	358.1	356.4	354.2	352.5	352.9	350.8	352.5
30°	403.1	401.3	398.8	397.9	396.2	394.5	392.8	389.4	389.8	388.9	389.4
32.5°	440.8	440.8	439.9	437.3	436.0	432.2	430.5	426.2	426.6	426.2	424.5
35°	481.9	480.6	478.9	478.4	474.2	471.6	468.6	463.9	464.7	464.3	464.7
37.5°	516.6	517.0	517.9	515.7	511.9	508.4	505.0	501.6	500.7	501.1	500.3
40°	554.3	553.8	553.0	550.4	547.4	543.6	539.3	537.1	534.6	536.3	535.8
42.5°	585.1	586.4	586.0	583.4	579.5	575.7	572.3	568.8	567.5	567.1	567.1
45°	615.1	615.5	614.2	613.8	608.7	605.2	600.9	598.0	597.1	597.1	598.4
47.5°	642.9	642.5	641.6	640.8	636.9	631.8	626.6	624.5	624.1	624.9	625.4
50°	665.2	666.1	665.6	664.3	660.5	655.8	650.2	648.1	648.5	649.4	649.8
52.5°	685.3	685.3	685.8	684.0	680.6	675.5	670.3	668.6	668.6	669.9	669.1
55°	700.8	701.6	702.0	700.8	698.6	692.6	687.5	684.5	685.8	687.0	687.5
57.5°	715.3	716.2	716.2	716.2	712.7	707.2	702.0	699.5	701.2	703.3	703.7
60°	726.9	727.3	728.6	728.6	725.6	719.2	713.6	711.5	713.6	716.6	716.2
62.5°	735.4	735.4	737.2	737.6	734.6	728.2	722.6	720.9	723.5	726.9	728.2
65°	742.7	743.2	744.4	744.9	742.3	735.0	729.0	728.6	732.0	735.4	735.9
67.5°	746.6	747.0	749.2	750.0	747.0	739.7	734.2	732.9	737.6	741.9	742.3
70°	749.2	750.0	752.6	753.4	750.4	742.7	736.7	736.3	741.4	746.2	746.6
72.5°	750.9	751.3	753.9	754.7	751.7	744.4	738.4	738.4	743.2	748.7	749.6
75°	750.9	751.3	753.4	754.7	751.7	744.0	737.6	737.6	744.0	749.6	750.9
77.5°	747.4	748.7	751.3	752.6	749.6	741.9	735.9	735.9	742.3	748.3	749.6
80°	744.0	744.4	747.4	749.2	745.7	738.4	732.0	732.0	738.9	745.3	746.2
82.5°	738.4	738.9	741.9	743.6	740.6	732.9	726.5	726.9	733.3	739.7	740.6
85°	730.7	731.6	734.6	735.9	733.3	725.2	719.2	719.6	726.5	732.4	733.3
87.5°	722.6	722.6	726.0	727.3	724.7	716.6	710.6	710.6	717.5	723.9	724.3
90°	711.5	712.3	715.3	717.5	714.0	707.2	700.8	700.8	707.2	713.2	714.9
92.5°	701.2	701.6	704.6	705.9	702.9	695.6	690.0	690.0	696.5	702.5	703.3
95°	688.8	688.8	690.9	692.6	689.2	683.2	678.0	678.0	683.2	688.3	689.2
97.5°	675.5	675.5	678.0	677.6	675.1	668.6	664.3	663.9	669.1	673.3	674.6
100°	660.5	661.3	663.1	662.6	660.5	654.1	650.2	650.2	654.1	657.9	658.8
102.5°	645.9	645.9	646.8	646.4	643.4	637.8	635.6	635.2	638.6	641.2	641.6
105°	630.9	630.9	630.1	630.1	626.2	621.9	619.4	619.4	622.4	624.1	624.1
107.5°	613.8	612.9	613.8	612.5	608.7	604.4	603.1	602.7	603.9	605.7	604.8
110°	596.2	595.8	595.4	592.8	589.8	587.2	585.1	585.1	586.4	586.8	586.8

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CATALOG NUMBER: FFX-CLB-40-750-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	577.8	577.4	576.1	*574.0*	570.5	568.0	566.3	566.3	566.7	566.3	565.4
115°	557.7	556.8	555.5	*551.7*	548.3	546.6	545.7	546.6	546.1	544.8	544.8
117.5°	535.8	535.0	532.8	*528.6*	525.6	524.3	524.7	524.3	523.4	522.1	522.6
120°	511.4	511.4	508.0	*504.6*	502.0	502.0	501.6	501.6	500.3	498.6	497.7
122.5°	486.2	486.2	483.2	*480.2*	477.2	477.2	477.6	477.2	476.3	474.6	473.7
125°	461.7	459.6	457.0	*453.6*	451.5	451.0	452.3	452.7	451.0	448.9	449.3
127.5°	434.8	433.5	430.9	*427.0*	425.3	424.9	426.2	427.0	424.9	423.6	423.2
130°	406.5	405.6	403.5	*400.5*	398.8	399.2	400.5	401.8	399.6	398.3	397.5
132.5°	378.6	378.6	377.4	*374.4*	372.2	373.9	374.8	375.6	373.5	373.1	372.6
135°	353.4	352.9	350.4	*348.7*	346.9	347.4	349.1	348.7	348.2	347.4	346.5
137.5°	327.2	327.2	326.0	*323.0*	323.0	323.4	324.2	324.2	324.7	323.0	323.4
140°	302.8	302.4	301.5	*299.4*	298.1	299.0	299.8	300.3	300.3	298.5	299.0
142.5°	279.7	279.3	276.7	*275.4*	275.4	275.8	276.3	276.7	276.7	275.8	276.3
145°	254.9	255.7	254.4	*253.1*	253.1	253.1	254.4	254.9	255.3	254.4	254.4
147.5°	234.3	235.2	233.9	*233.0*	233.0	233.0	233.9	234.3	233.4	233.9	233.9
150°	215.0	215.0	214.2	*213.7*	213.3	213.7	214.6	215.0	215.0	214.2	214.2
152.5°	196.6	196.2	195.7	*195.7*	195.7	195.7	196.6	196.6	197.0	197.0	196.2
155°	180.8	180.3	180.3	*179.9*	180.3	180.3	180.3	180.8	180.8	181.2	181.6
157.5°	166.2	165.8	166.2	*166.2*	166.2	166.6	166.6	167.0	166.2	166.6	167.0
160°	154.2	154.6	154.2	*153.8*	153.8	154.2	154.2	154.6	154.6	154.2	154.6
162.5°	143.9	143.9	143.5	*143.9*	144.3	143.9	143.9	144.3	144.3	144.3	144.3
165°	135.8	135.4	135.4	*135.4*	135.4	135.4	135.8	135.8	135.8	135.8	136.2
167.5°	128.5	128.1	128.1	*128.1*	128.5	128.5	128.5	128.9	128.9	128.9	128.5
170°	122.9	122.5	122.5	*122.5*	122.9	122.9	122.9	122.9	122.9	122.9	122.9
172.5°	118.2	118.2	118.2	*118.2*	118.2	118.2	118.2	118.2	118.2	118.6	118.2
175°	115.2	115.2	115.2	*115.2*	114.8	114.8	115.2	115.2	115.2	115.2	115.2
177.5°	112.7	112.7	113.1	*112.7*	112.7	112.7	113.1	113.1	113.1	112.7	112.7
180°	111.8	111.8	111.8	*111.8*	111.8	111.8	111.8	111.8	111.8	111.8	111.8

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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: SP1-2501-332-5

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

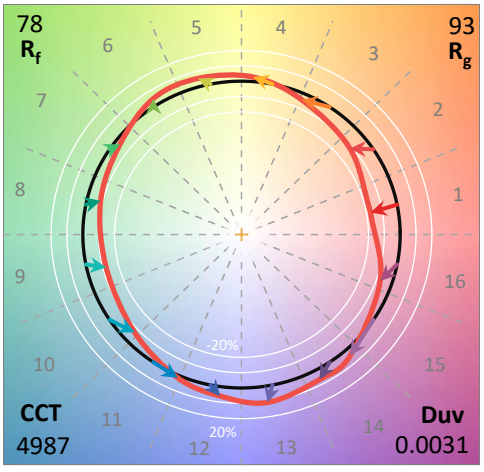
Test Information

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

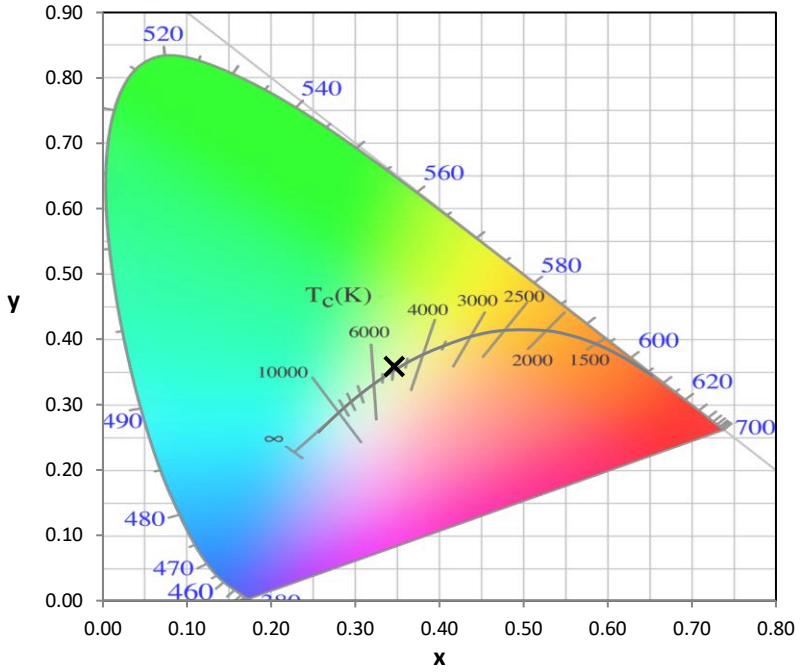
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

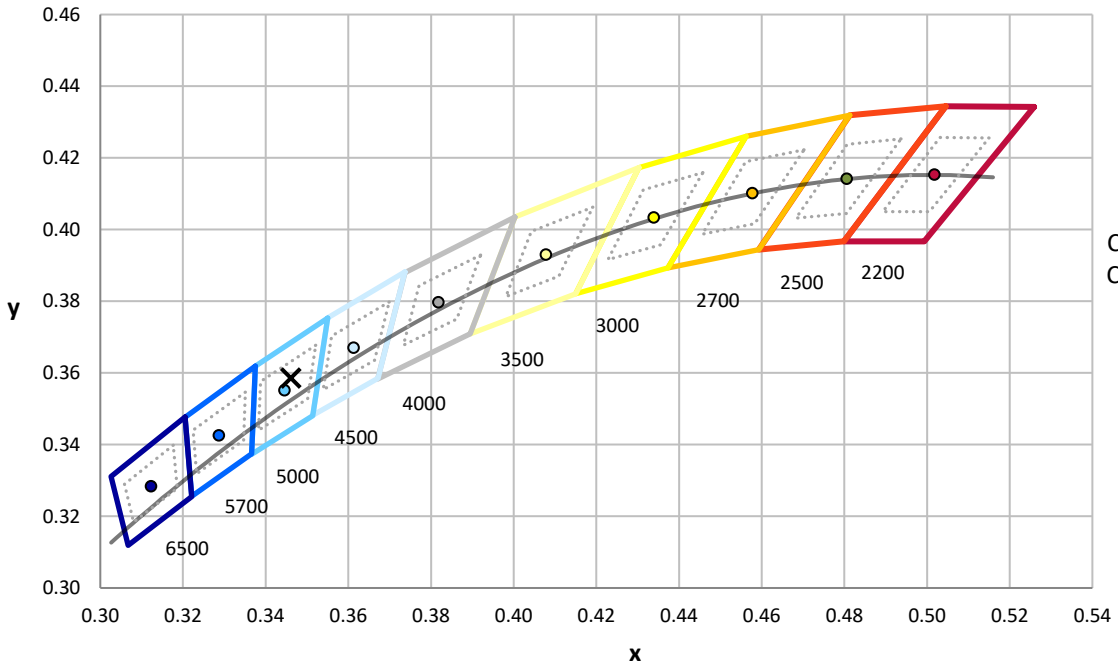
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

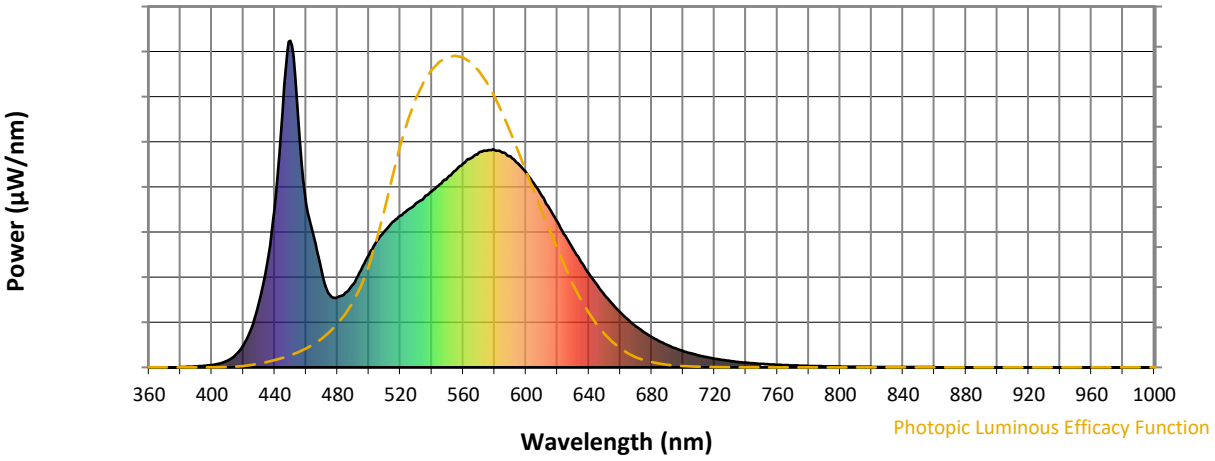


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

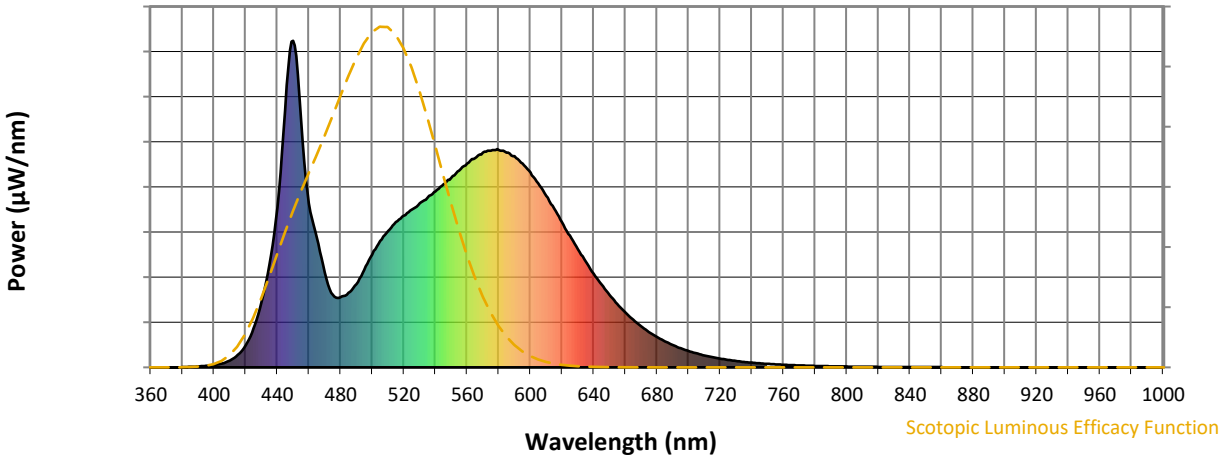


Photopic Lumens: NR

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

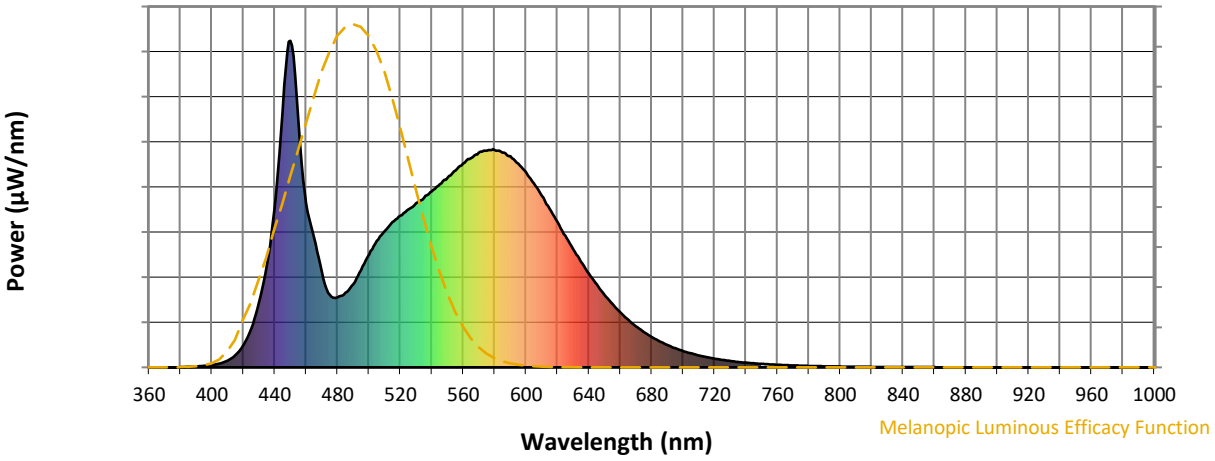


Scotopic Lumens: NR **S/P: 1.87**

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			

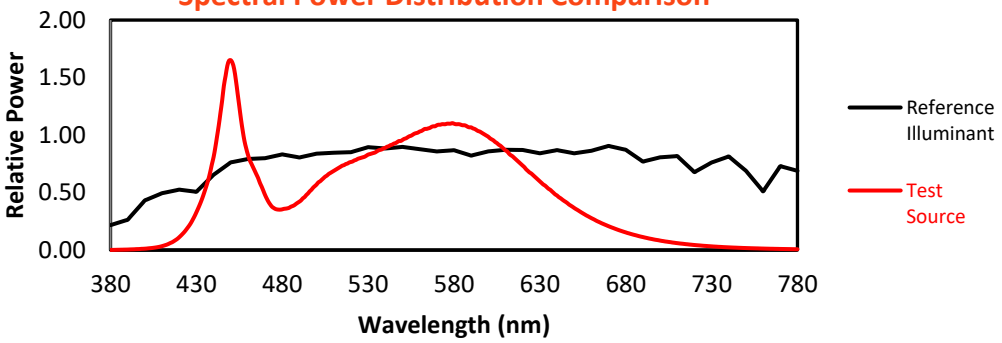
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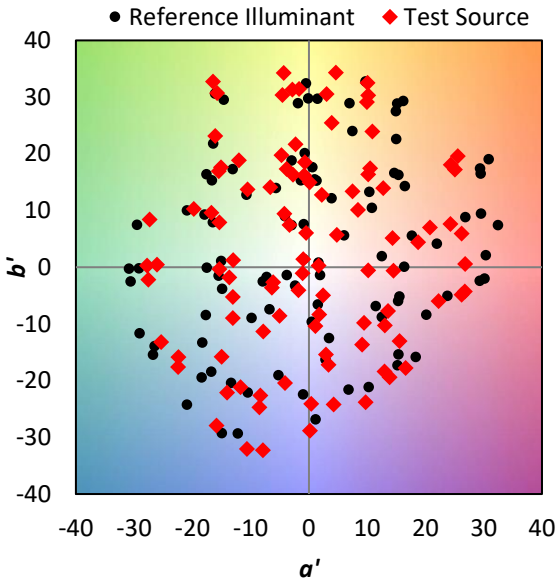
Summary

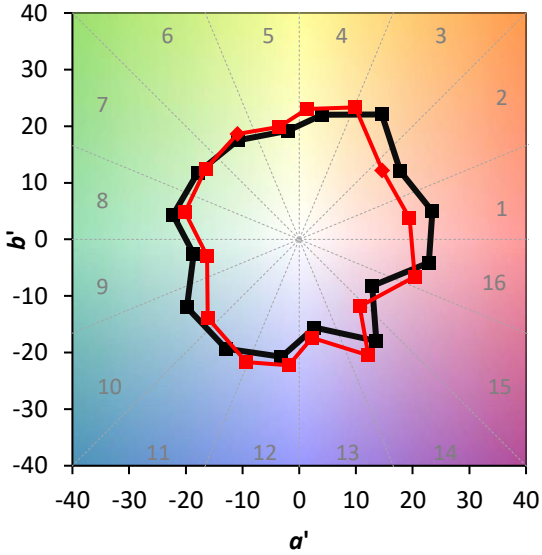
R_f = 78.3
R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

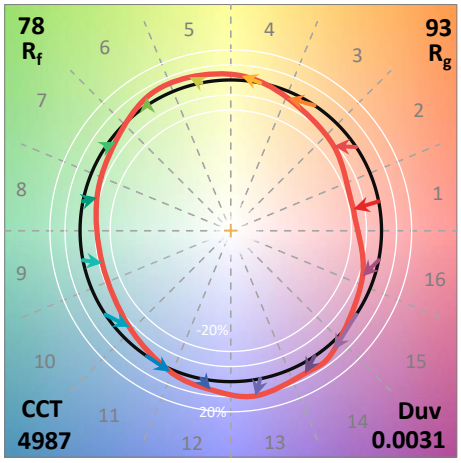
Spectral Power Distribution Comparison

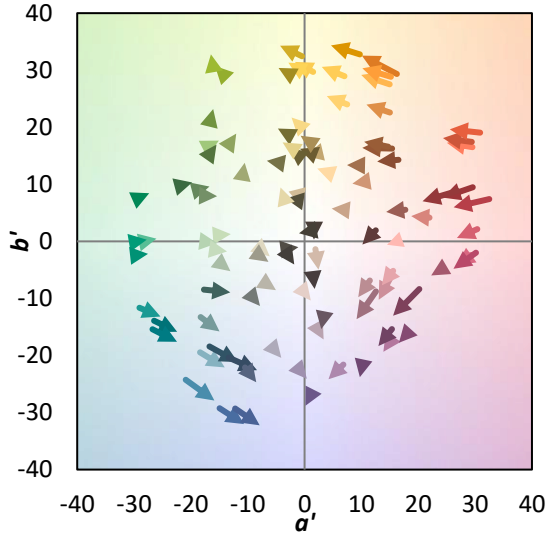


Color Vector Graphics







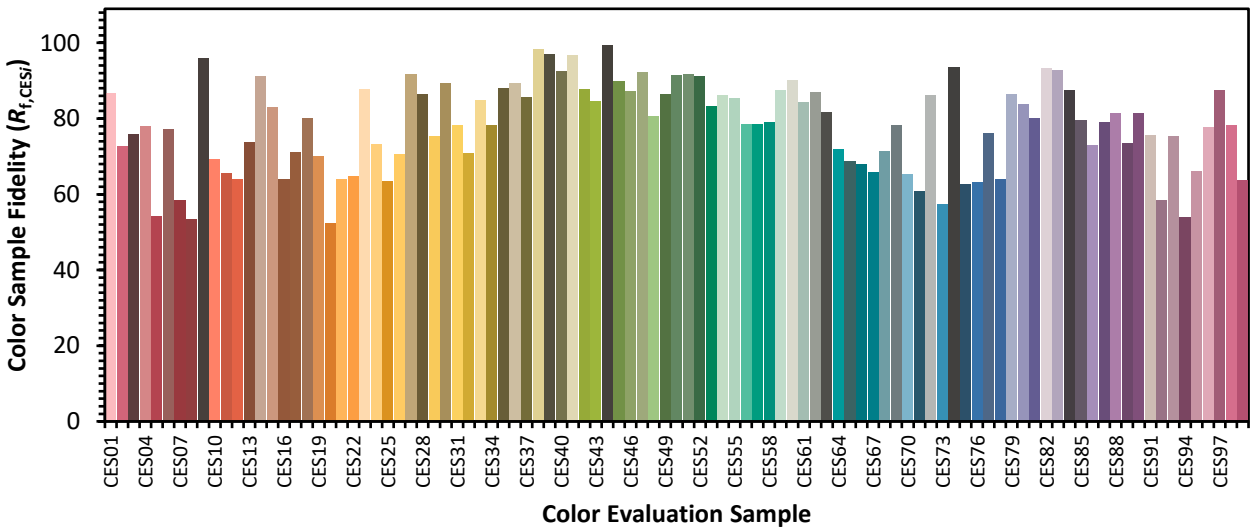


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Individual Sample Fidelity Index ($R_{f,i}$)

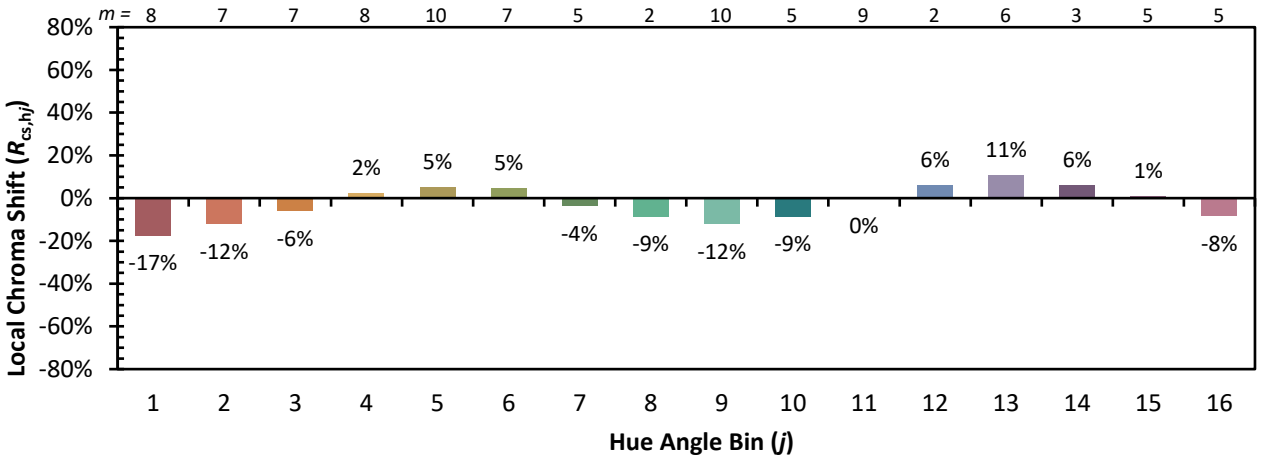
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82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

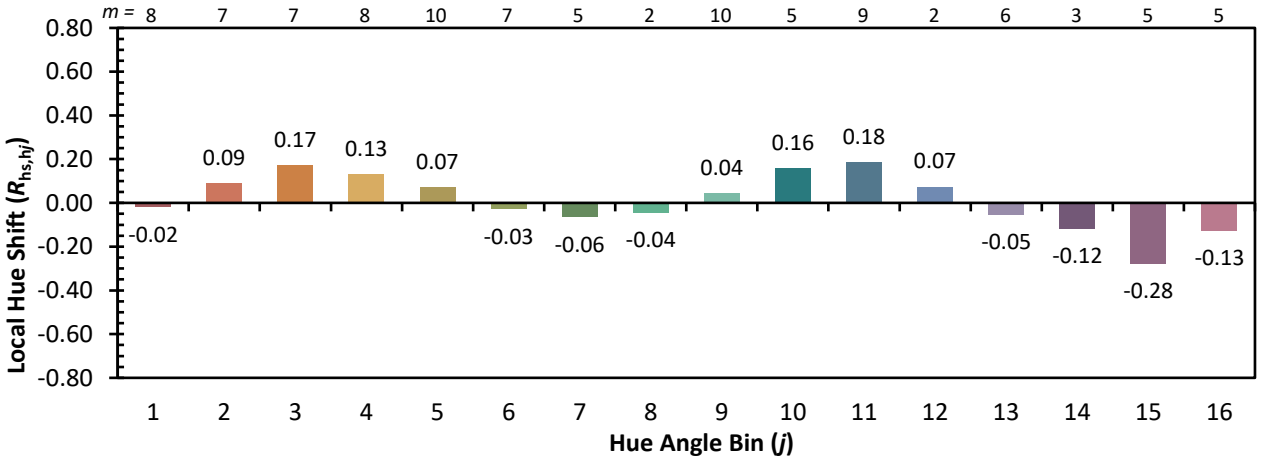


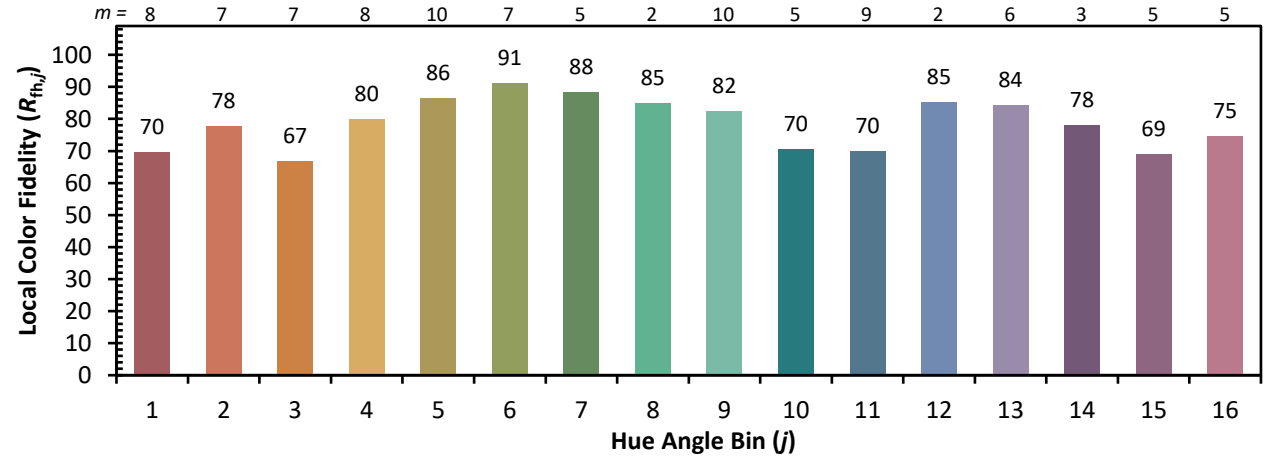
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Color Rendition by Hue-Angle Bin



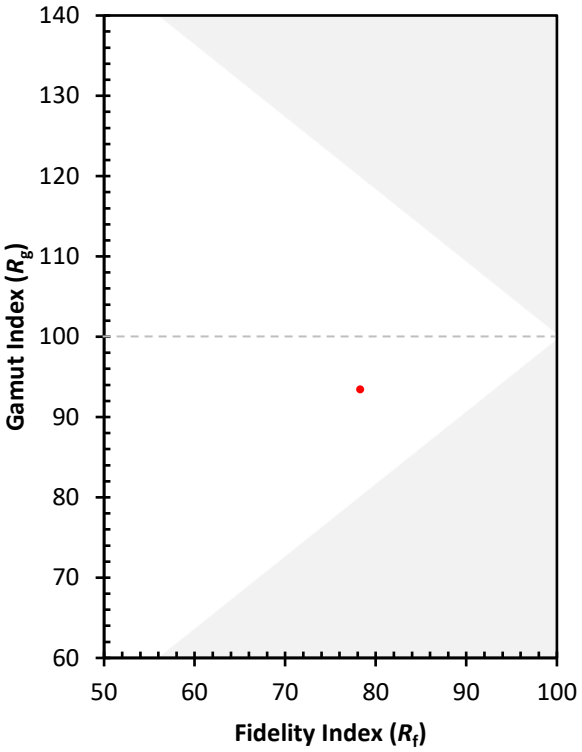


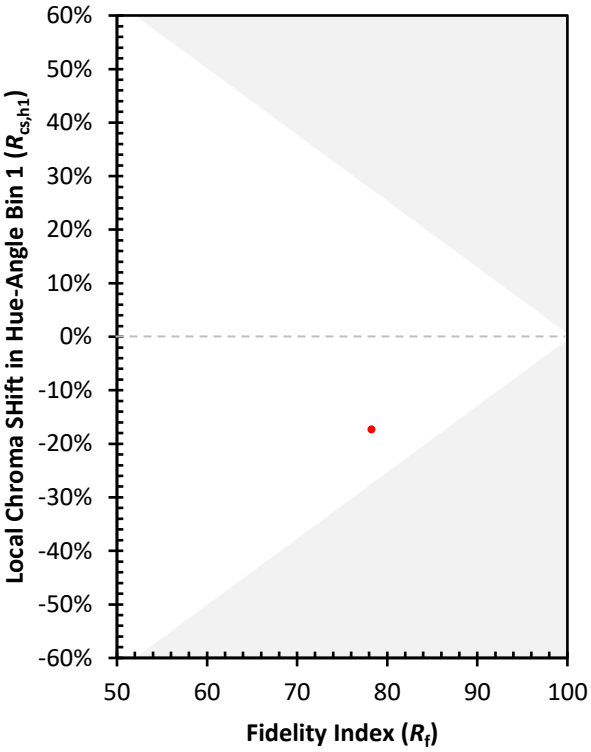


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Measure Comparisons





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