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: P981240

Luminaire Tested: **FFX-CLB-50-727-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:	P981240
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-50-727-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7810.1 lumens
Efficiency:	N/A
Efficacy:	154.3 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):	50.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

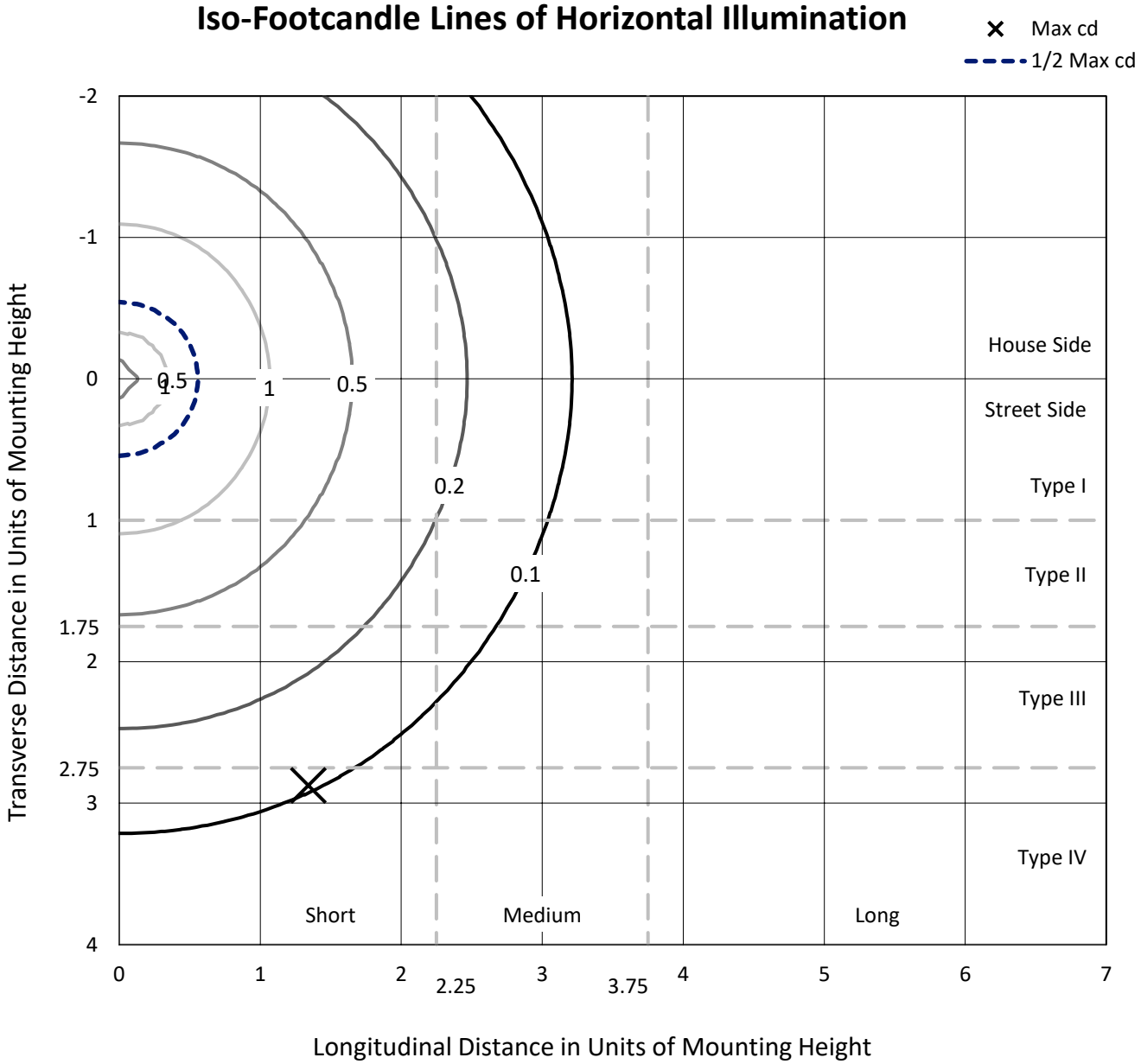


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REPORT NUMBER: P981240
CATALOG NUMBER: FFX-CLB-50-727-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



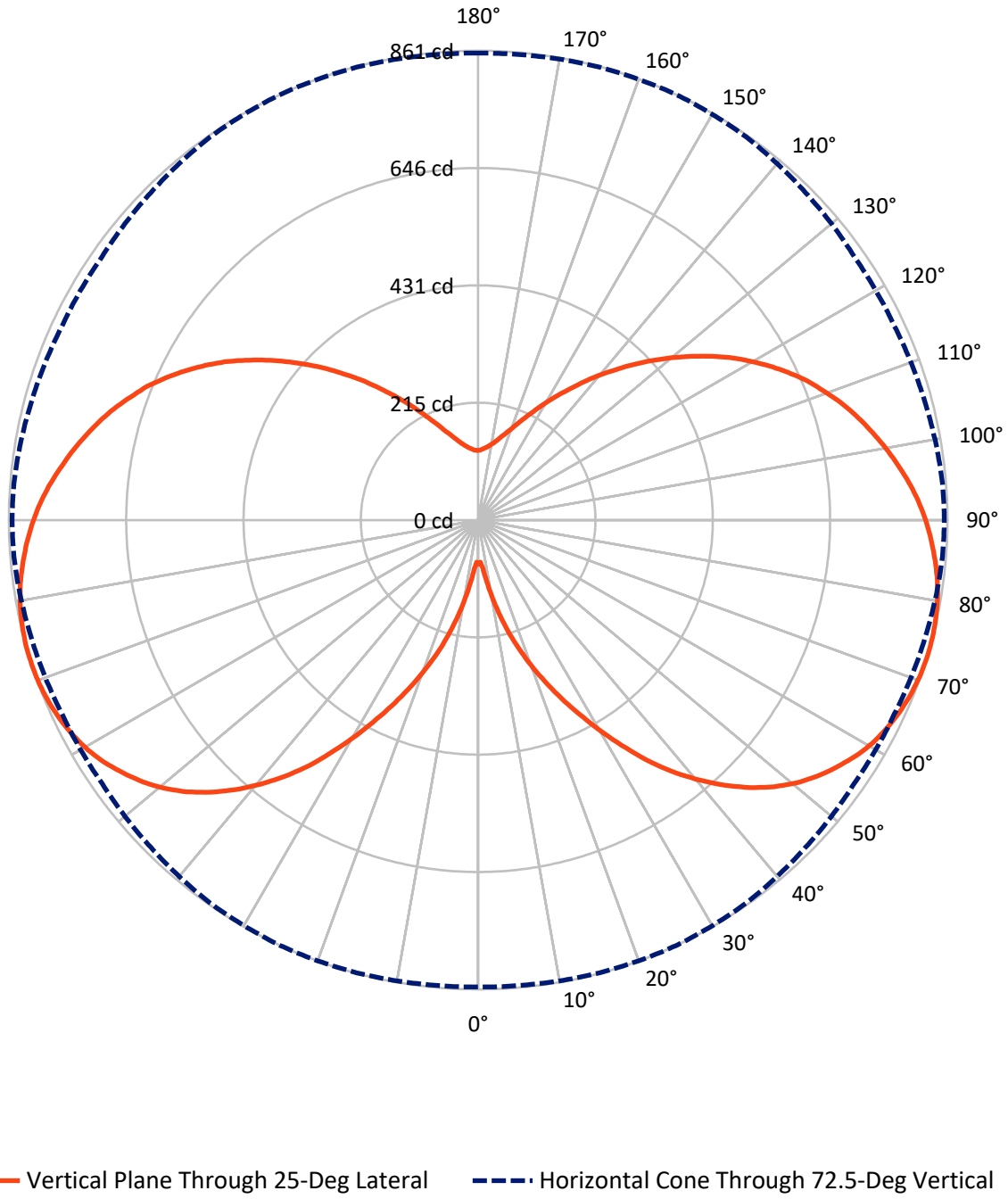
Based on 15 foot mounting height. Maximum calculated value = 1.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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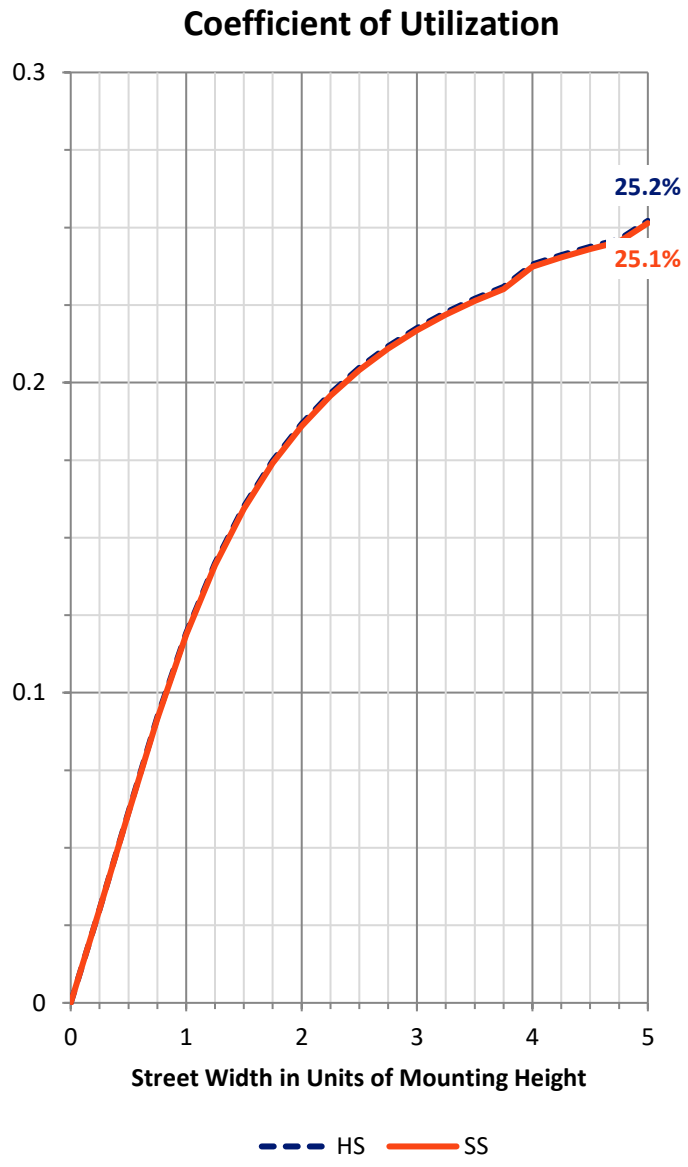
REPORT NUMBER: P981240
CATALOG NUMBER: FFX-CLB-50-727-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2234.2	1670.9	3905.0
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	2234.2	1670.9	3905.0
	% Fixture	28.6	21.4	50.0
Total	Lumens	4468.3	3341.7	7810.1
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.5	0.1
10°-20°	63.5	0.8
20°-30°	171.9	2.2
30°-40°	339.5	4.3
40°-50°	534.9	6.8
50°-60°	708.7	9.1
60°-70°	833.3	10.7
70°-80°	900.3	11.5
80°-90°	905.8	11.6
90°-100°	852.9	10.9
100°-110°	753.9	9.7
110°-120°	621.5	8.0
120°-130°	464.5	5.9
130°-140°	310.2	4.0
140°-150°	184.3	2.4
150°-160°	97.0	1.2
160°-170°	44.7	0.6
170°-180°	12.8	0.2
0°-90°	4468.3	57.2
0°-180°	7810.1	100.0



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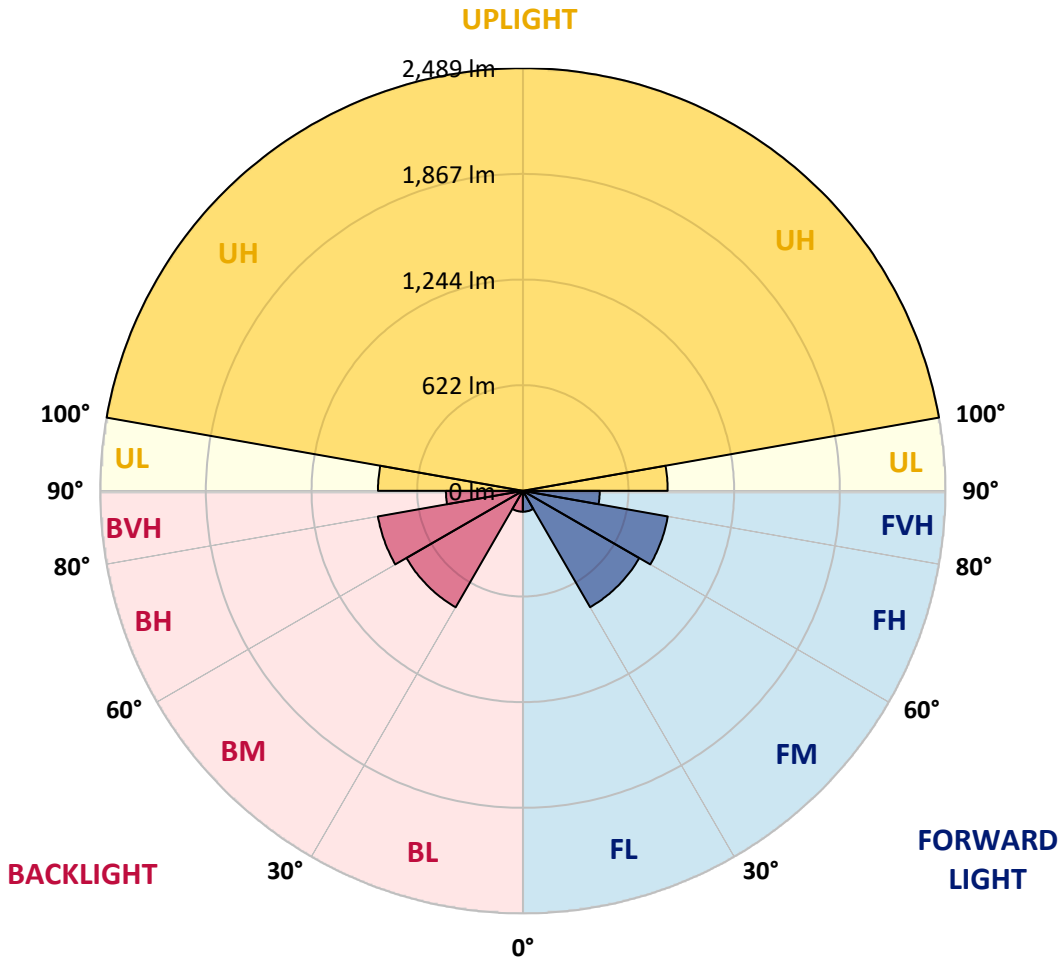
Scaled Data Report

REPORT NUMBER: P981240
CATALOG NUMBER: FFX-CLB-50-727-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	123.0	1.6			
FM	(30°-60°)	791.5	10.1			
FH	(60°-80°)	866.8	11.1			G1/1800
FVH	(80°-90°)	452.9	5.8			G3/500
BL	(0°-30°)	123.0	1.6	B1/500		
BM	(30°-60°)	791.5	10.1	B1/1000		
BH	(60°-80°)	866.8	11.1	B2/1000		G1/1800
BVH	(80°-90°)	452.9	5.8			G3/500
UL	(90°-100°)	852.9	10.9		U4/1000	
UH	(100°-180°)	2488.8	31.9		U5	

BUG Rating: B2-U5-G3
Type V Short



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REPORT NUMBER: P981240
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
2.5°	76.2	76.2	76.7	77.2	77.7	78.2	78.7	79.2	79.7	79.2	79.2
5°	88.0	89.0	89.0	89.0	88.5	89.0	89.9	89.9	90.9	90.4	89.9
7.5°	112.9	115.4	115.4	114.9	114.4	114.9	114.4	114.4	114.4	113.9	114.9
10°	147.1	146.1	146.6	146.1	145.2	145.7	146.1	145.2	145.2	145.2	145.2
12.5°	180.4	179.9	181.3	180.8	181.3	179.9	180.8	179.9	179.9	178.4	178.9
15°	219.5	219.5	219.0	217.5	218.0	216.0	217.0	216.5	215.1	215.1	214.6
17.5°	255.6	255.1	255.6	253.7	253.7	253.2	252.2	251.7	251.7	250.3	249.8
20°	291.8	290.8	290.3	290.3	288.9	288.9	287.9	285.9	285.0	285.4	284.5
22.5°	330.9	328.9	328.9	328.9	326.0	325.0	324.5	322.6	322.6	321.1	321.1
25°	370.0	370.5	370.5	368.5	367.1	365.1	364.1	362.7	361.2	360.7	361.2
27.5°	413.0	414.0	412.5	409.1	408.6	406.7	404.2	402.3	402.8	400.3	402.3
30°	459.9	458.0	455.1	454.1	452.1	450.2	448.2	444.3	444.8	443.8	444.3
32.5°	503.0	503.0	502.0	499.0	497.6	493.2	491.2	486.3	486.8	486.3	484.4
35°	549.9	548.4	546.5	546.0	541.1	538.1	534.7	529.3	530.3	529.8	530.3
37.5°	589.5	590.0	590.9	588.5	584.1	580.2	576.3	572.4	571.4	571.9	570.9
40°	632.5	632.0	631.0	628.1	624.7	620.3	615.4	612.9	610.0	611.9	611.5
42.5°	667.7	669.1	668.6	665.7	661.3	656.9	653.0	649.1	647.6	647.1	647.1
45°	701.9	702.4	700.9	700.4	694.6	690.6	685.8	682.3	681.4	681.4	682.8
47.5°	733.7	733.2	732.2	731.2	726.8	720.9	715.1	712.6	712.1	713.1	713.6
50°	759.1	760.0	759.6	758.1	753.7	748.3	742.0	739.5	740.0	741.0	741.5
52.5°	782.0	782.0	782.5	780.6	776.7	770.8	764.9	763.0	763.0	764.4	763.5
55°	799.6	800.6	801.1	799.6	797.2	790.4	784.5	781.1	782.5	784.0	784.5
57.5°	816.3	817.2	817.2	817.2	813.3	807.0	801.1	798.2	800.1	802.6	803.1
60°	829.5	829.9	831.4	831.4	828.0	820.7	814.3	811.9	814.3	817.7	817.2
62.5°	839.2	839.2	841.2	841.7	838.3	830.9	824.6	822.6	825.5	829.5	830.9
65°	847.5	848.0	849.5	850.0	847.0	838.7	831.9	831.4	835.3	839.2	839.7
67.5°	851.9	852.4	854.9	855.8	852.4	844.1	837.8	836.3	841.7	846.6	847.0
70°	854.9	855.8	858.8	859.8	856.3	847.5	840.7	840.2	846.1	851.4	851.9
72.5°	856.8	857.3	860.2	861.2	857.8	849.5	842.6	842.6	848.0	854.4	855.4
75°	856.8	857.3	859.8	861.2	857.8	849.0	841.7	841.7	849.0	855.4	856.8
77.5°	852.9	854.4	857.3	858.8	855.4	846.6	839.7	839.7	847.0	853.9	855.4
80°	849.0	849.5	852.9	854.9	851.0	842.6	835.3	835.3	843.1	850.5	851.4
82.5°	842.6	843.1	846.6	848.5	845.1	836.3	829.0	829.5	836.8	844.1	845.1
85°	833.9	834.8	838.3	839.7	836.8	827.5	820.7	821.1	829.0	835.8	836.8
87.5°	824.6	824.6	828.5	829.9	827.0	817.7	810.9	810.9	818.7	826.0	826.5
90°	811.9	812.8	816.3	818.7	814.8	807.0	799.6	799.6	807.0	813.8	815.8
92.5°	800.1	800.6	804.0	805.5	802.1	793.8	787.4	787.4	794.7	801.6	802.6
95°	786.0	786.0	788.4	790.4	786.4	779.6	773.7	773.7	779.6	785.5	786.4
97.5°	770.8	770.8	773.7	773.2	770.3	763.0	758.1	757.6	763.5	768.4	769.8
100°	753.7	754.7	756.6	756.1	753.7	746.4	742.0	742.0	746.4	750.8	751.7
102.5°	737.1	737.1	738.1	737.6	734.1	727.8	725.3	724.9	728.8	731.7	732.2
105°	720.0	720.0	719.0	719.0	714.6	709.7	706.8	706.8	710.2	712.1	712.1
107.5°	700.4	699.4	700.4	698.9	694.6	689.7	688.2	687.7	689.2	691.1	690.2
110°	680.4	679.9	679.4	676.5	673.0	670.1	667.7	667.7	669.1	669.6	669.6

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CATALOG NUMBER: FFX-CLB-50-727-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	659.4	658.9	657.4	*655.0*	651.0	648.1	646.2	646.2	646.7	646.2	645.2
115°	636.4	635.4	633.9	*629.5*	625.6	623.7	622.7	623.7	623.2	621.7	621.7
117.5°	611.5	610.5	608.0	*603.1*	599.7	598.3	598.8	598.3	597.3	595.8	596.3
120°	583.6	583.6	579.7	*575.8*	572.8	572.8	572.4	572.4	570.9	568.9	568.0
122.5°	554.8	554.8	551.3	*547.9*	544.5	544.5	545.0	544.5	543.5	541.6	540.6
125°	526.9	524.5	521.5	*517.6*	515.2	514.7	516.1	516.6	514.7	512.2	512.7
127.5°	496.1	494.6	491.7	*487.3*	485.4	484.9	486.3	487.3	484.9	483.4	482.9
130°	463.8	462.9	460.4	*457.0*	455.1	455.5	457.0	458.5	456.0	454.6	453.6
132.5°	432.1	432.1	430.6	*427.2*	424.7	426.7	427.7	428.7	426.2	425.7	425.2
135°	403.2	402.8	399.8	*397.9*	395.9	396.4	398.4	397.9	397.4	396.4	395.4
137.5°	373.4	373.4	372.0	*368.5*	368.5	369.0	370.0	370.0	370.5	368.5	369.0
140°	345.6	345.1	344.1	*341.7*	340.2	341.2	342.1	342.6	342.6	340.7	341.2
142.5°	319.2	318.7	315.7	*314.3*	314.3	314.8	315.3	315.7	315.7	314.8	315.3
145°	290.8	291.8	290.3	*288.9*	288.9	288.9	290.3	290.8	291.3	290.3	290.3
147.5°	267.4	268.3	266.9	*265.9*	265.9	265.9	266.9	267.4	266.4	266.9	266.9
150°	245.4	245.4	244.4	*243.9*	243.4	243.9	244.9	245.4	245.4	244.4	244.4
152.5°	224.3	223.9	223.4	*223.4*	223.4	223.4	224.3	224.3	224.8	224.8	223.9
155°	206.3	205.8	205.8	*205.3*	205.8	205.8	205.8	206.3	206.3	206.8	207.2
157.5°	189.6	189.2	189.6	*189.6*	189.6	190.1	190.1	190.6	189.6	190.1	190.6
160°	176.0	176.4	176.0	*175.5*	175.5	176.0	176.0	176.4	176.4	176.0	176.4
162.5°	164.2	164.2	163.7	*164.2*	164.7	164.2	164.2	164.7	164.7	164.7	164.7
165°	154.9	154.5	154.5	*154.5*	154.5	154.5	154.9	154.9	154.9	154.9	155.4
167.5°	146.6	146.1	146.1	*146.1*	146.6	146.6	146.6	147.1	147.1	147.1	146.6
170°	140.3	139.8	139.8	*139.8*	140.3	140.3	140.3	140.3	140.3	140.3	140.3
172.5°	134.9	134.9	134.9	*134.9*	134.9	134.9	134.9	134.9	134.9	135.4	134.9
175°	131.5	131.5	131.5	*131.5*	131.0	131.0	131.5	131.5	131.5	131.5	131.5
177.5°	128.5	128.5	129.0	*128.5*	128.5	128.5	129.0	129.0	129.0	128.5	128.5
180°	127.6	127.6	127.6	*127.6*	127.6	127.6	127.6	127.6	127.6	127.6	127.6

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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: SP1-2501-332-3

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-727-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-727-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

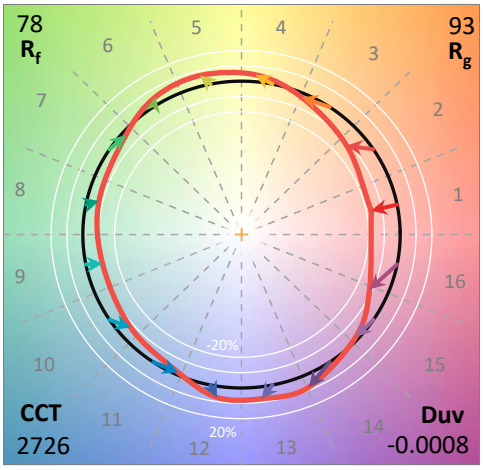
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-3
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-100-727-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2726	CRI (Ra):	72.7		
CIE u':	0.2616	R1:	69.3	R9:	-32.4
CIE v':	0.5257	R2:	86.2	R10:	70.6
Duv:	-0.0008	R3:	92.5	R11:	63.6
CIE x:	0.4564	R4:	67.2	R12:	64.8
CIE y:	0.4077	R5:	69.7	R13:	72.8
CIE z:	0.1358	R6:	82.9	R14:	96.1
Peak Wavelength (nm):	599	R7:	74.2	R15:	60.3
Dominant Wavelength (nm):	584	R8:	39.5		
Purity:	59.39437				

Rf:	77.8
Rg:	93.1



Test Conditions

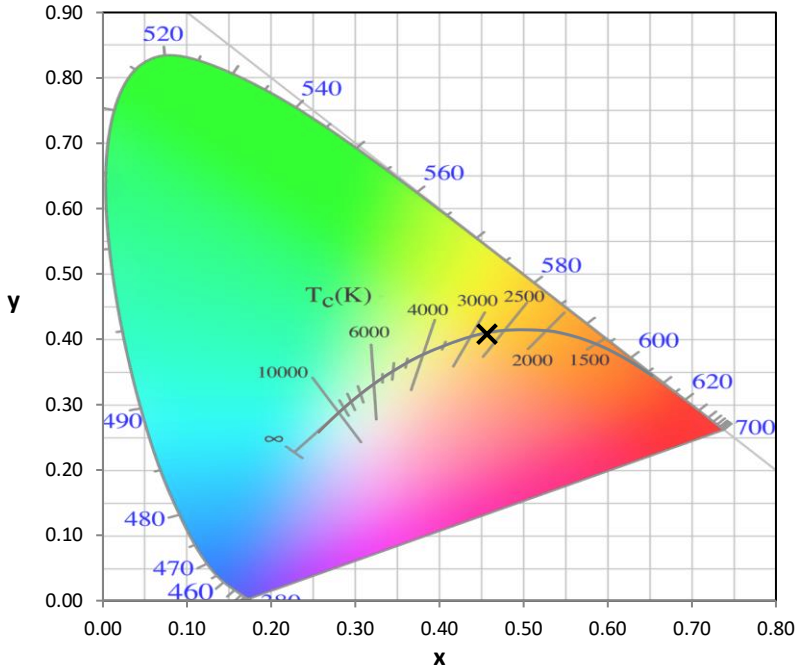
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

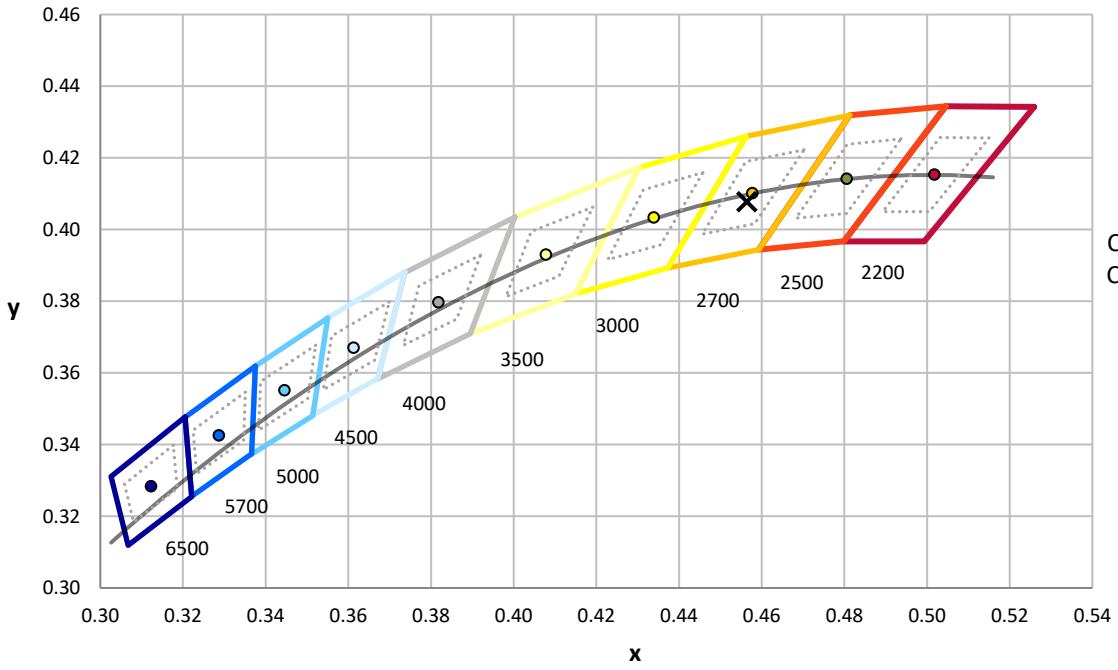
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-3

CIE 1931 Chromaticity Diagram



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

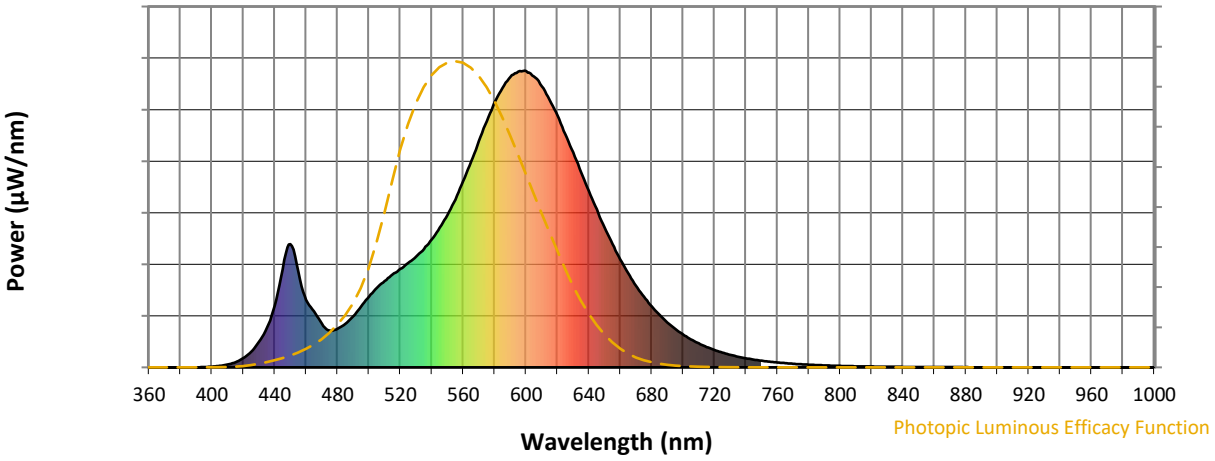


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

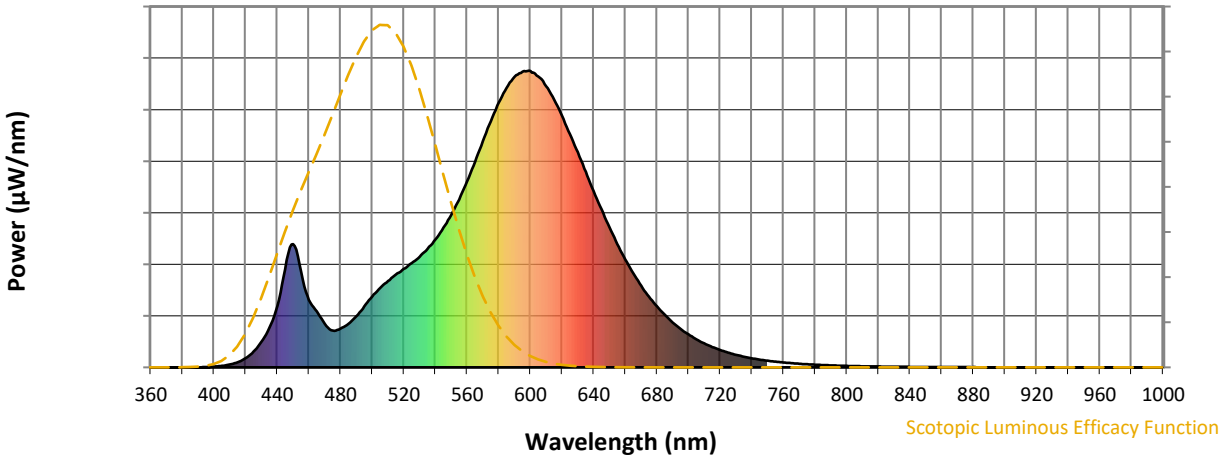


Photopic Lumens: NR

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

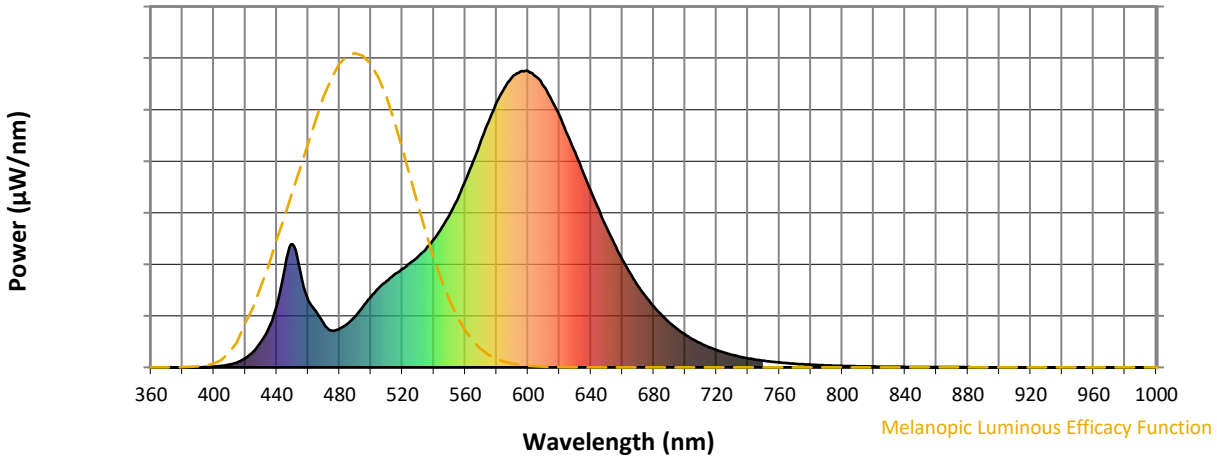


Scotopic Lumens: NR **S/P: 1.16**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.15**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

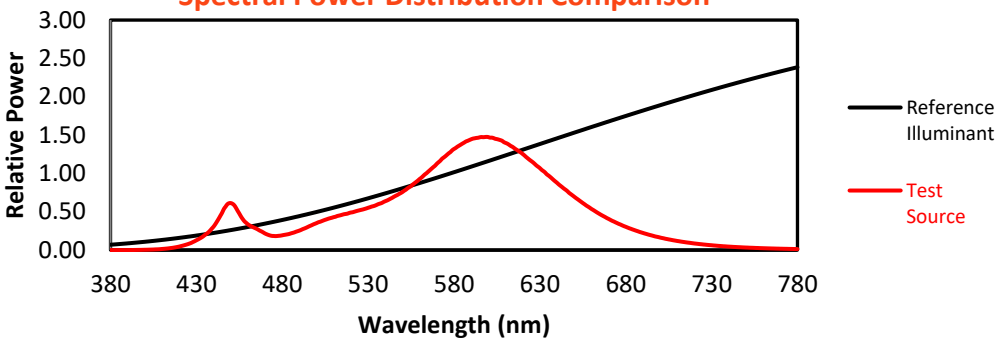
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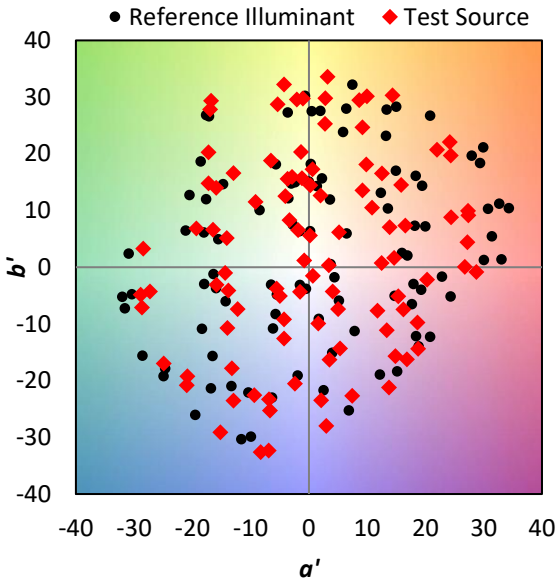
Summary

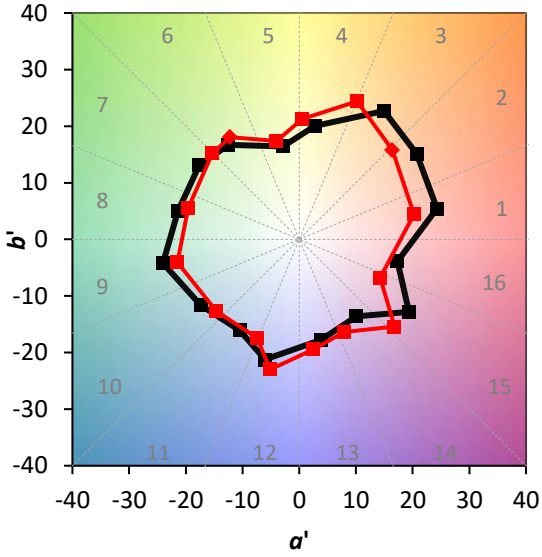
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

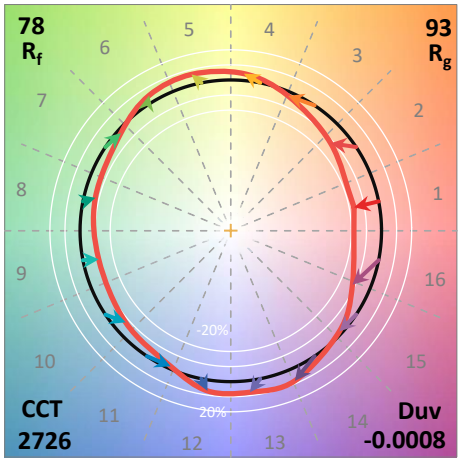
Spectral Power Distribution Comparison

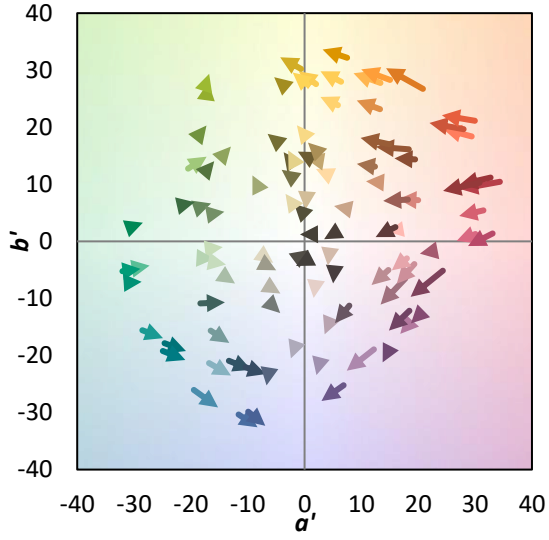


Color Vector Graphics







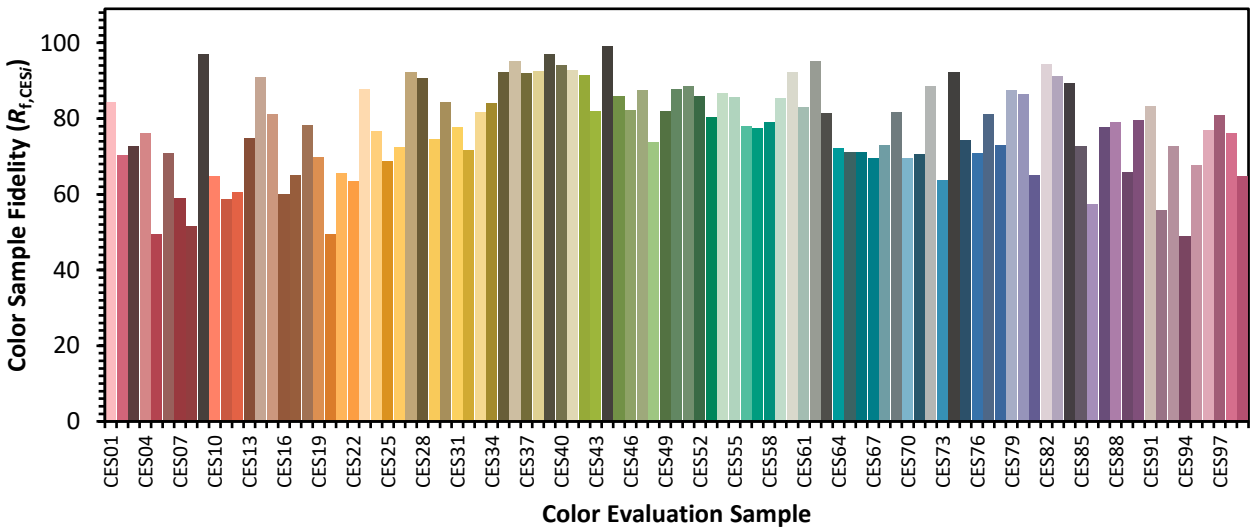


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Individual Sample Fidelity Index ($R_{f,i}$)

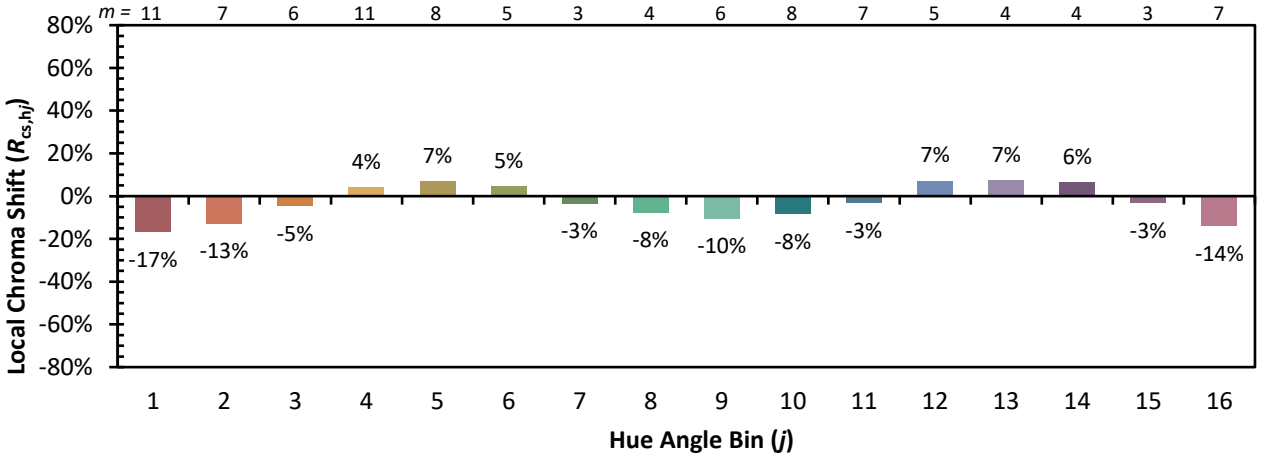
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82 = 94
CES08 = 41	CES33 = 82	CES58 = 79	CES83 = 91
CES09 = 29	CES34 = 84	CES59 = 85	CES84 = 89
CES10 = 77	CES35 = 92	CES60 = 92	CES85 = 73
CES11 = 60	CES36 = 95	CES61 = 83	CES86 = 57
CES12 = 66	CES37 = 92	CES62 = 95	CES87 = 78
CES13 = 44	CES38 = 93	CES63 = 82	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 66
CES15 = 72	CES40 = 94	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 93	CES66 = 71	CES91 = 83
CES17 = 51	CES42 = 92	CES67 = 69	CES92 = 56
CES18 = 57	CES43 = 82	CES68 = 73	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 82	CES94 = 49
CES20 = 67	CES45 = 86	CES70 = 70	CES95 = 68
CES21 = 87	CES46 = 82	CES71 = 71	CES96 = 77
CES22 = 80	CES47 = 88	CES72 = 89	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 64	CES98 = 76
CES24 = 91	CES49 = 82	CES74 = 92	CES99 = 65
CES25 = 73	CES50 = 88	CES75 = 74	

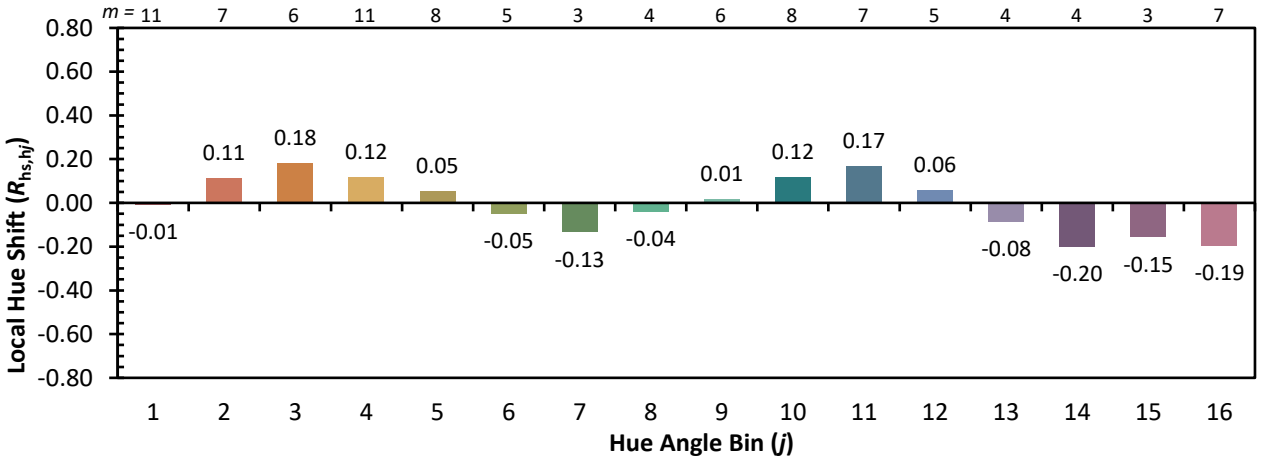


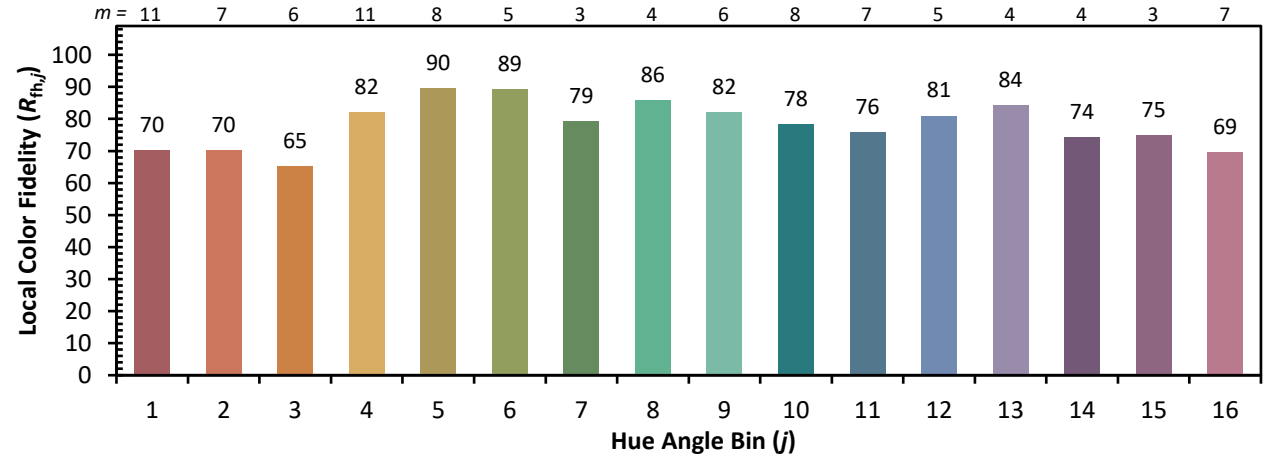
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Color Rendition by Hue-Angle Bin



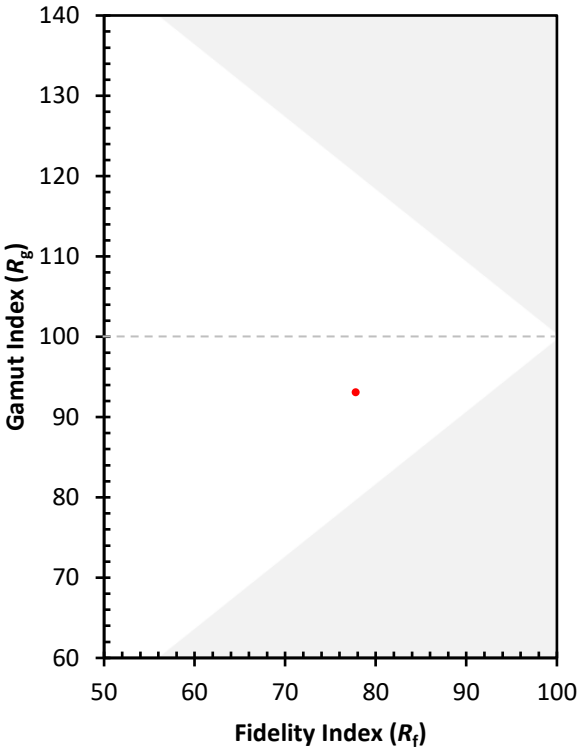


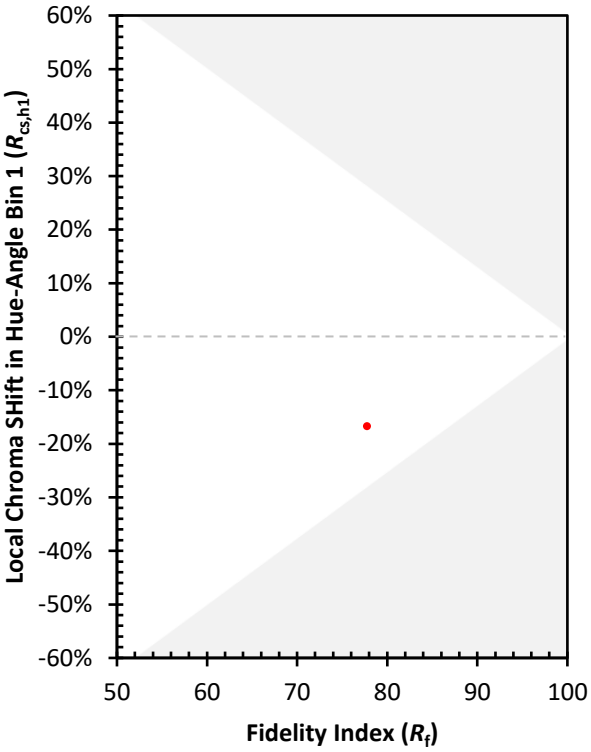


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Measure Comparisons





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