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: P981103

Luminaire Tested: **FFX-CLB-70-727-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:	P981103
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-70-727-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10062.2 lumens
Efficiency:	N/A
Efficacy:	141.3 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U4 - G3

Input Watts (W):	71.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.93%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

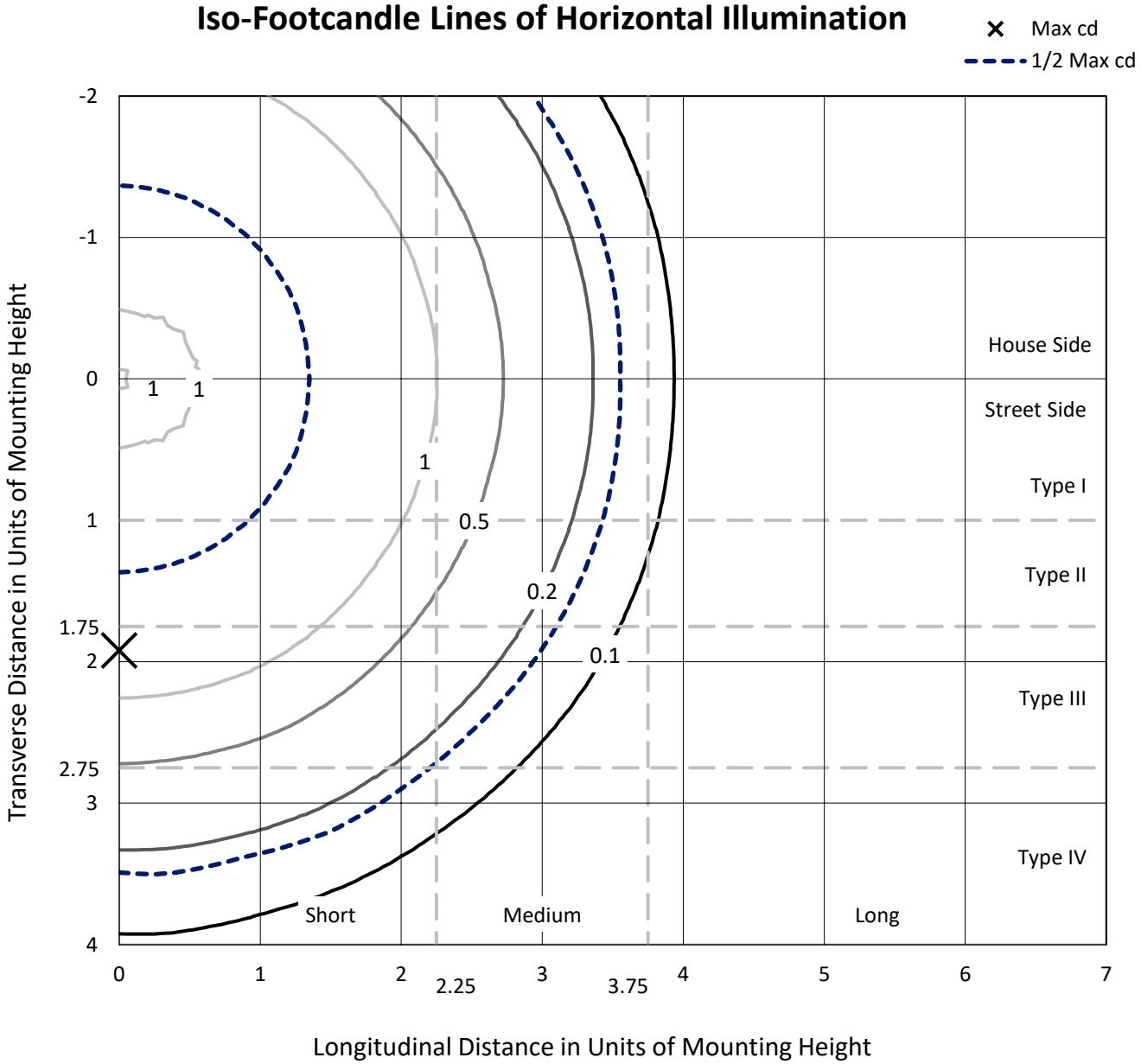


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REPORT NUMBER: P981103
CATALOG NUMBER: FFX-CLB-70-727-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



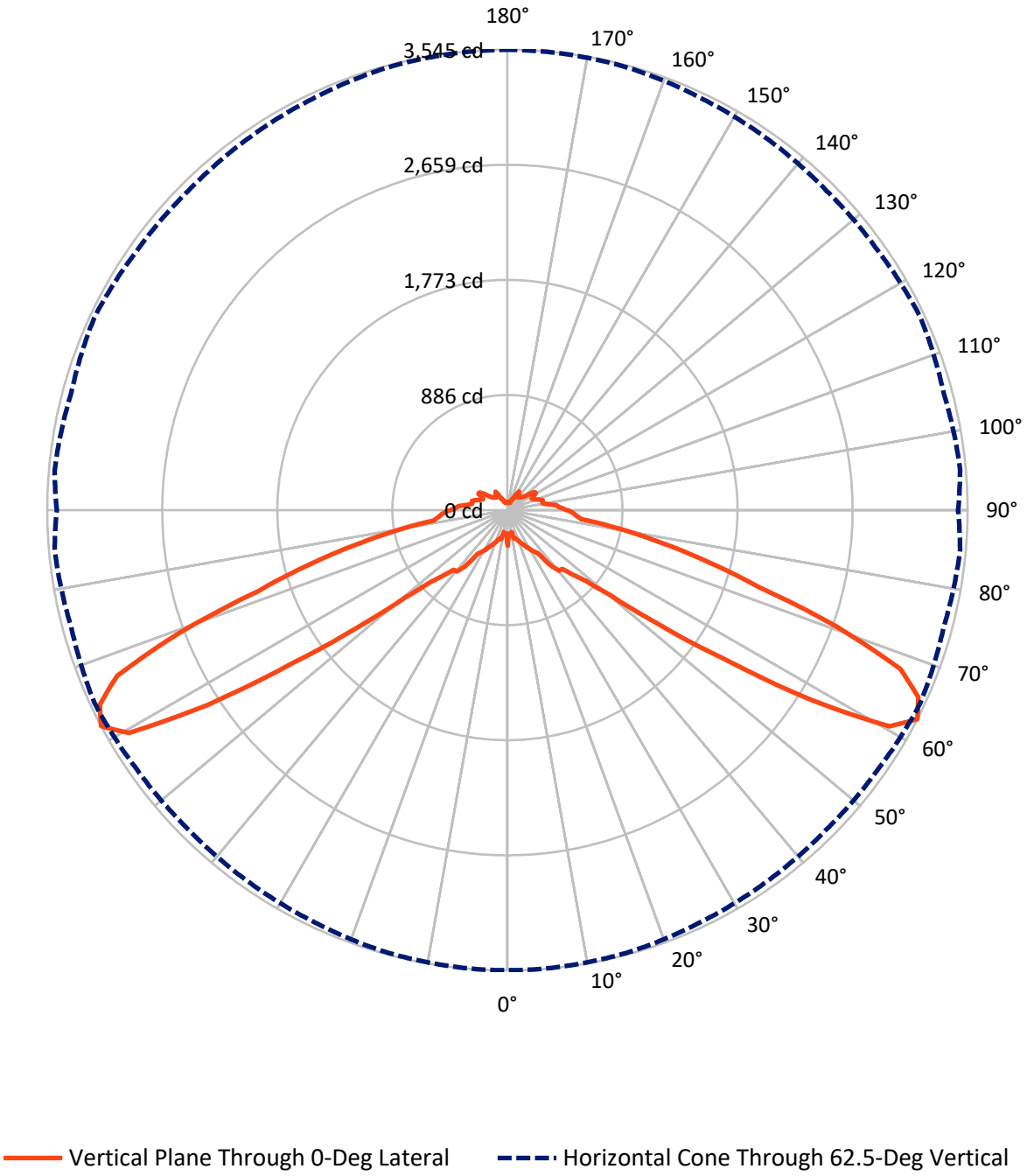
Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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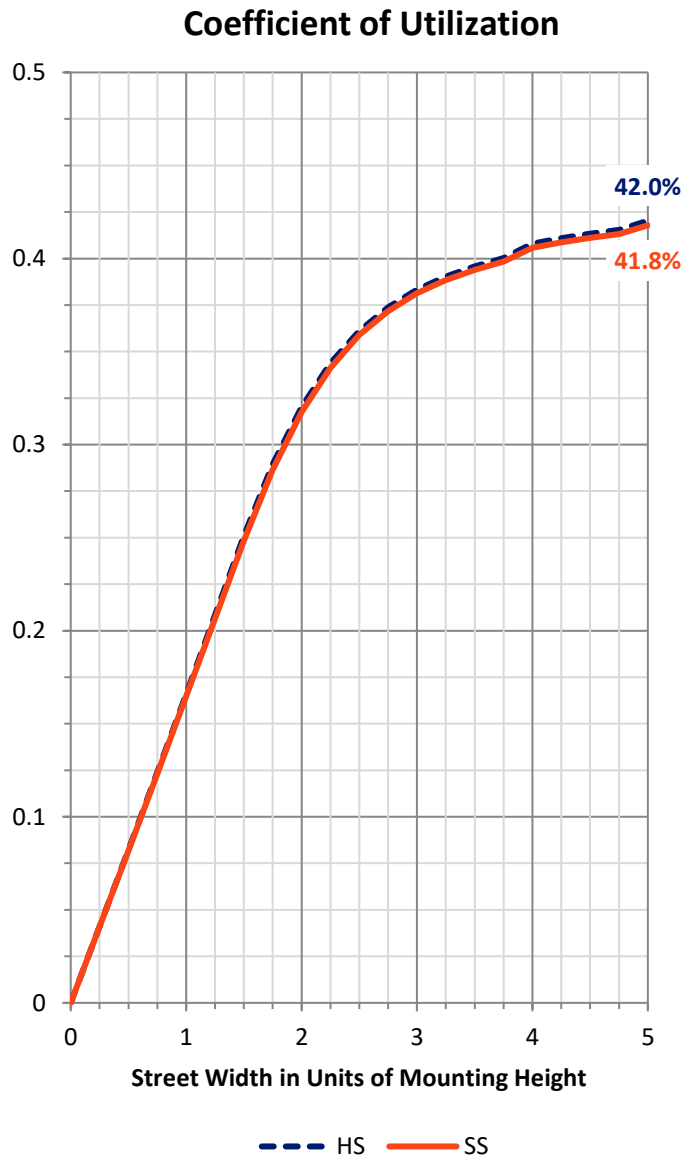
REPORT NUMBER: P981103
CATALOG NUMBER: FFX-CLB-70-727-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4379.5	651.6	5031.1
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	4379.5	651.6	5031.1
	% Fixture	43.5	6.5	50.0
Total	Lumens	8759.0	1303.2	10062.2
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.2	0.2
10°-20°	63.8	0.6
20°-30°	139.9	1.4
30°-40°	287.4	2.9
40°-50°	593.4	5.9
50°-60°	1938.2	19.3
60°-70°	3267.8	32.5
70°-80°	1778.8	17.7
80°-90°	672.7	6.7
90°-100°	408.9	4.1
100°-110°	257.9	2.6
110°-120°	196.2	1.9
120°-130°	167.7	1.7
130°-140°	112.7	1.1
140°-150°	92.8	0.9
150°-160°	43.8	0.4
160°-170°	17.4	0.2
170°-180°	5.7	0.1
0°-90°	8759.0	87.0
0°-180°	10062.2	100.0



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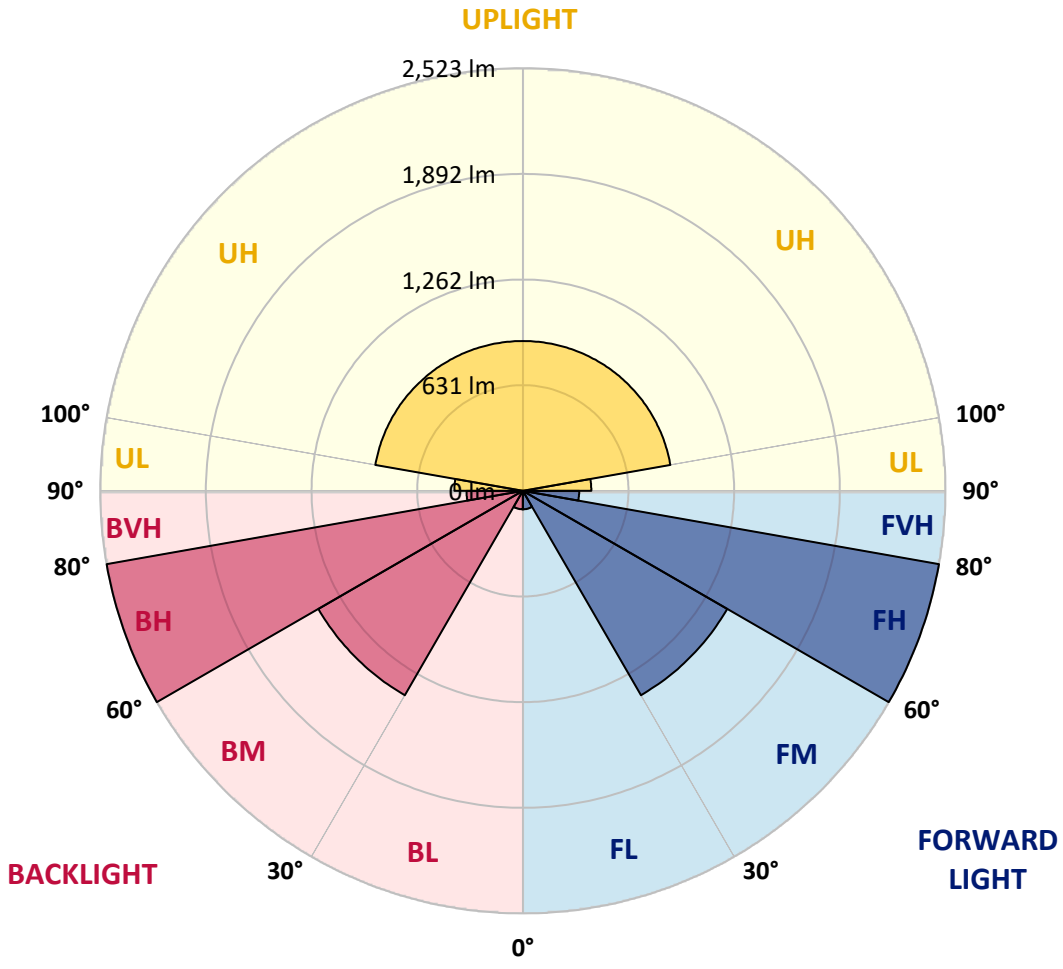
Scaled Data Report

REPORT NUMBER: P981103
CATALOG NUMBER: FFX-CLB-70-727-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°)	110.4	1.1			
FM	(30°-60°)	1409.5	14.0			
FH	(60°-80°)	2523.3	25.1			G2/5000
FVH	(80°-90°)	336.3	3.3			G3/500
BL	(0°-30°)	110.4	1.1	B1/500		
BM	(30°-60°)	1409.5	14.0	B2/2500		
BH	(60°-80°)	2523.3	25.1	B4/5000		G2/5000
BVH	(80°-90°)	336.3	3.3			G3/500
UL	(90°-100°)	408.9	4.1		U3/500	
UH	(100°-180°)	894.3	8.9		U4/1000	

BUG Rating: B4-U4-G3
Type V Short



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REPORT NUMBER: P981103
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	274.0	274.0	274.0	274.0	274.0	274.0	274.0	274.0	274.0	274.0	274.0
2.5°	182.4	189.7	230.2	263.4	262.7	239.5	209.6	212.3	230.2	246.1	250.1
5°	183.8	181.1	179.1	171.2	168.5	172.5	169.8	161.9	158.6	159.2	171.8
7.5°	191.1	187.7	168.5	153.9	151.9	160.5	179.1	179.1	159.2	144.0	143.3
10°	171.8	171.2	177.8	184.4	186.4	178.5	170.5	166.5	165.2	163.9	162.5
12.5°	226.9	224.2	210.3	201.7	200.4	204.3	210.3	208.3	198.4	193.1	193.1
15°	225.6	226.9	228.9	225.6	224.9	225.6	228.9	226.9	223.6	219.6	219.6
17.5°	238.2	238.8	239.5	240.8	239.5	237.5	237.5	236.8	237.5	238.8	238.8
20°	257.4	258.1	258.1	258.1	257.4	253.4	253.4	254.1	253.4	254.8	254.1
22.5°	278.6	278.0	278.0	278.0	276.0	272.7	272.0	272.7	270.7	270.7	270.7
25°	299.2	300.5	302.5	301.9	298.5	295.9	293.9	294.6	293.2	293.2	293.2
27.5°	325.1	323.7	327.7	326.4	323.1	323.1	321.1	321.1	319.1	318.4	317.8
30°	354.3	353.6	353.6	354.3	352.9	351.6	351.6	350.3	347.0	347.6	349.0
32.5°	382.8	382.1	380.8	381.5	380.8	378.8	382.1	382.1	380.8	381.5	385.4
35°	410.7	414.6	423.9	430.6	432.5	431.9	434.5	439.2	435.9	433.9	435.9
37.5°	543.3	540.7	530.7	524.8	526.1	529.4	522.1	516.8	513.5	512.8	516.1
40°	613.0	610.3	595.8	597.1	587.1	590.4	593.8	598.4	595.1	587.8	587.8
42.5°	619.0	619.6	640.2	671.4	662.1	642.2	623.6	632.9	646.8	655.5	658.8
45°	710.5	719.1	719.1	721.1	721.8	722.5	709.2	715.2	726.4	740.4	739.7
47.5°	816.0	821.3	824.6	828.6	826.6	828.6	845.9	841.2	853.8	852.5	851.2
50°	1036.9	1059.5	1063.5	1078.7	1069.4	1071.4	1103.3	1105.9	1105.9	1103.9	1106.6
52.5°	1471.5	1491.4	1488.0	1454.2	1470.8	1500.7	1535.2	1510.6	1545.8	1528.5	1520.6
55°	2023.4	2024.1	2046.0	2093.1	2115.0	2091.8	2110.3	2064.6	2141.5	2150.8	2127.6
57.5°	2755.8	2769.8	2774.4	2786.4	2769.1	2766.5	2779.7	2751.2	2787.0	2751.9	2765.8
60°	3382.1	3364.2	3313.1	3240.8	3248.8	3277.3	3329.0	3311.1	3285.9	3236.8	3225.5
62.5°	3545.3	3542.7	3532.0	3505.5	3489.6	3477.0	3483.6	3510.8	3479.0	3500.9	3471.7
65°	3478.3	3476.3	3486.3	3509.5	3492.2	3449.8	3412.6	3457.1	3437.2	3510.1	3488.9
67.5°	3264.0	3255.4	3245.4	3288.6	3261.4	3200.3	3173.1	3177.1	3165.2	3238.1	3216.9
70°	2692.2	2678.2	2696.8	2765.1	2726.0	2671.6	2640.4	2653.7	2657.0	2703.4	2710.7
72.5°	2017.5	2034.7	2053.3	2099.1	2089.8	2059.9	2077.2	2097.1	2116.3	2133.6	2126.3
75°	1596.8	1617.4	1580.3	1602.8	1594.9	1618.1	1634.0	1643.3	1641.3	1623.4	1615.4
77.5°	1214.1	1230.6	1222.0	1215.4	1221.4	1244.6	1295.0	1289.0	1260.5	1230.0	1235.9
80°	873.1	902.2	905.6	902.9	915.5	918.8	961.3	950.0	926.8	926.1	932.8
82.5°	571.9	585.1	626.9	664.1	674.0	657.4	685.3	695.9	701.9	702.6	700.6
85°	529.4	544.0	534.1	554.0	558.6	563.2	567.9	571.9	578.5	584.5	587.1
87.5°	500.2	524.1	522.8	536.0	534.7	544.0	552.6	555.3	547.3	538.7	536.0
90°	447.1	466.4	473.7	481.6	485.6	484.3	491.6	491.6	486.3	482.3	481.0
92.5°	401.4	412.0	418.6	428.6	431.2	429.9	437.2	433.9	434.5	435.9	437.2
95°	379.5	384.1	382.1	386.1	380.8	376.2	378.8	374.8	372.8	369.5	369.5
97.5°	317.1	316.5	316.5	317.8	315.1	311.1	313.1	312.5	313.1	313.1	310.5
100°	278.0	277.3	273.3	272.7	272.0	270.7	268.7	269.3	269.3	268.7	269.3
102.5°	277.3	271.3	262.7	253.4	253.4	251.4	252.1	251.4	250.8	246.8	244.8
105°	282.6	273.3	258.7	240.2	237.5	238.2	240.2	239.5	236.8	232.9	230.2
107.5°	261.4	250.8	242.1	230.2	226.9	226.2	227.6	228.2	225.6	220.3	216.3
110°	231.5	227.6	223.6	218.9	215.6	214.9	214.9	214.9	212.3	210.3	205.7

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CATALOG NUMBER: FFX-CLB-70-727-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*218.3*	213.6	209.0	205.0	203.0	202.3	201.0	199.7	197.7	195.7	193.1
115°	*205.7*	205.7	202.3	187.7	184.4	183.8	183.1	183.1	183.1	183.1	182.4
117.5°	*222.9*	220.9	208.3	189.7	183.8	180.4	177.8	179.1	178.5	183.1	181.8
120°	*255.4*	240.8	213.6	200.4	195.0	192.4	193.1	193.7	193.1	191.7	189.1
122.5°	*252.8*	236.8	220.3	210.3	204.3	203.7	206.3	205.7	199.7	190.4	183.1
125°	*222.2*	213.6	203.7	194.4	191.1	189.7	191.1	189.1	185.1	180.4	173.2
127.5°	*172.5*	171.2	165.9	161.9	162.5	164.5	167.8	167.8	165.9	163.2	159.2
130°	*154.6*	153.2	153.9	155.2	154.6	154.6	151.3	148.6	153.2	157.2	155.2
132.5°	*142.6*	143.3	149.9	159.9	157.9	152.6	144.6	143.3	150.6	158.6	157.9
135°	*137.3*	138.0	143.3	153.2	150.6	144.0	140.6	141.3	145.3	149.3	148.6
137.5°	*137.3*	137.3	136.0	139.3	139.3	139.3	138.7	140.6	143.3	143.3	141.3
140°	*135.3*	136.7	132.7	133.3	135.3	137.3	138.0	140.6	141.3	140.6	138.0
142.5°	*124.1*	125.4	129.4	134.7	136.0	137.3	141.3	140.6	140.6	140.6	139.3
145°	*152.6*	152.6	155.9	160.5	158.6	155.9	157.2	157.9	159.2	160.5	159.2
147.5°	*168.5*	168.5	164.5	163.2	159.9	159.9	163.9	163.2	162.5	161.2	161.9
150°	*139.3*	138.7	135.3	134.0	134.0	132.7	134.7	134.7	132.7	131.4	132.0
152.5°	*99.5*	100.2	98.8	100.2	102.2	104.2	106.1	107.5	107.5	107.5	106.1
155°	*90.2*	88.9	88.2	89.6	90.2	89.6	88.2	88.2	88.2	86.9	86.2
157.5°	*78.3*	77.6	77.0	77.6	77.6	78.3	78.9	79.6	79.6	78.3	77.6
160°	*67.7*	67.7	67.7	68.3	68.3	67.7	67.0	67.7	69.0	69.0	69.0
162.5°	*61.0*	61.7	62.4	63.7	63.7	62.4	61.0	61.0	62.4	63.7	63.7
165°	*56.4*	56.4	57.7	60.4	61.0	59.0	57.1	57.1	59.0	61.7	62.4
167.5°	*56.4*	57.1	59.0	61.0	60.4	58.4	56.4	56.4	58.4	60.4	60.4
170°	*60.4*	60.4	59.7	59.0	58.4	58.4	58.4	59.0	59.7	59.0	59.0
172.5°	*63.7*	63.0	61.0	59.0	58.4	60.4	61.7	61.0	60.4	59.0	59.0
175°	*65.0*	64.4	63.0	61.7	61.7	63.0	63.7	62.4	61.0	60.4	59.7
177.5°	*58.4*	58.4	57.7	57.7	58.4	57.7	57.7	57.7	57.1	56.4	55.7
180°	*50.4*	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4

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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: SP1-2501-332-3

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

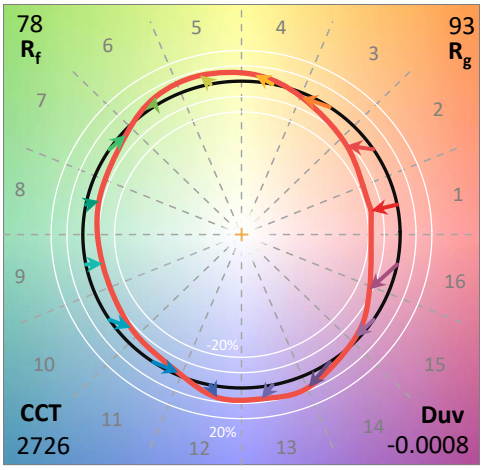
Test Information

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

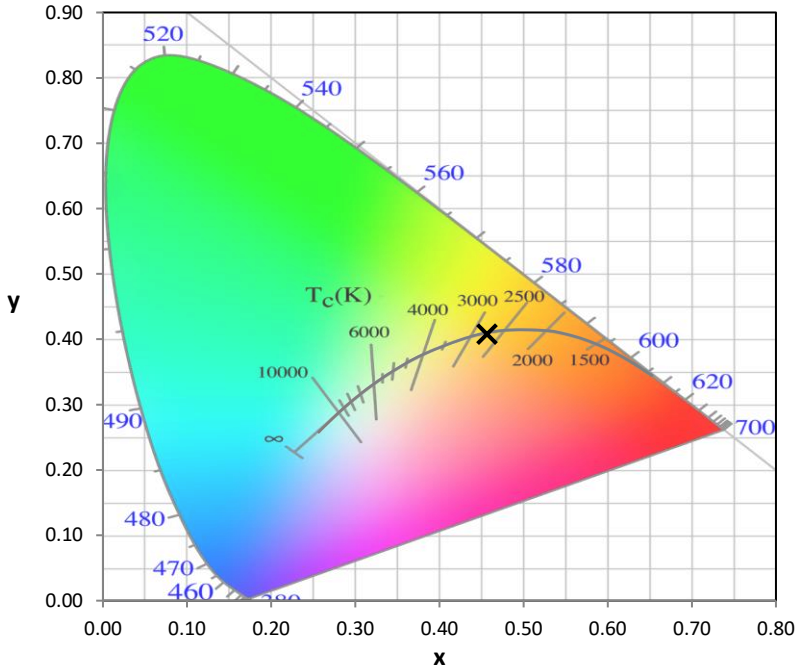
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

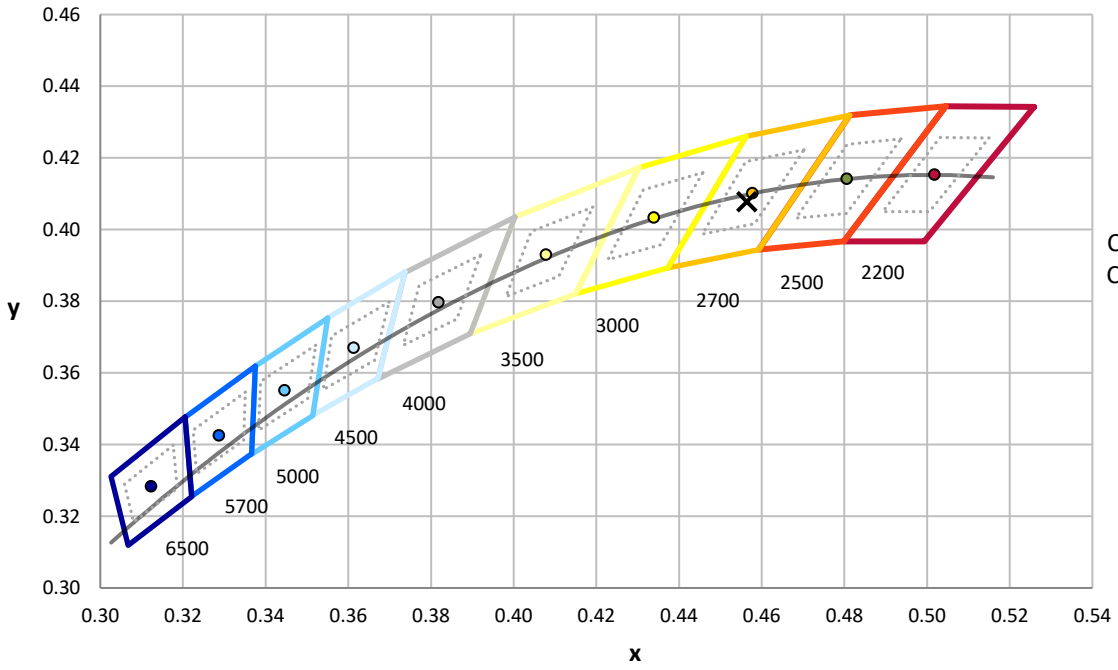
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

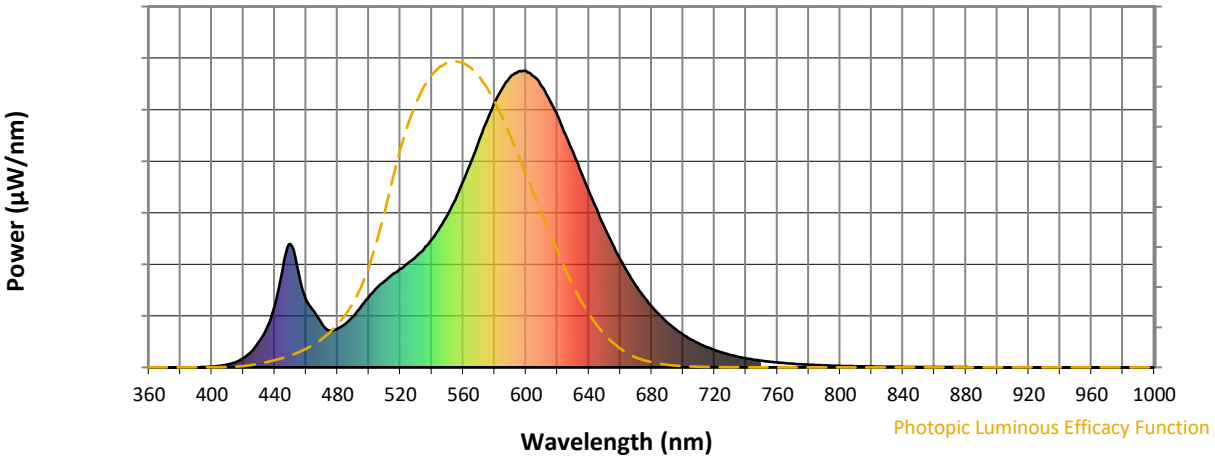


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

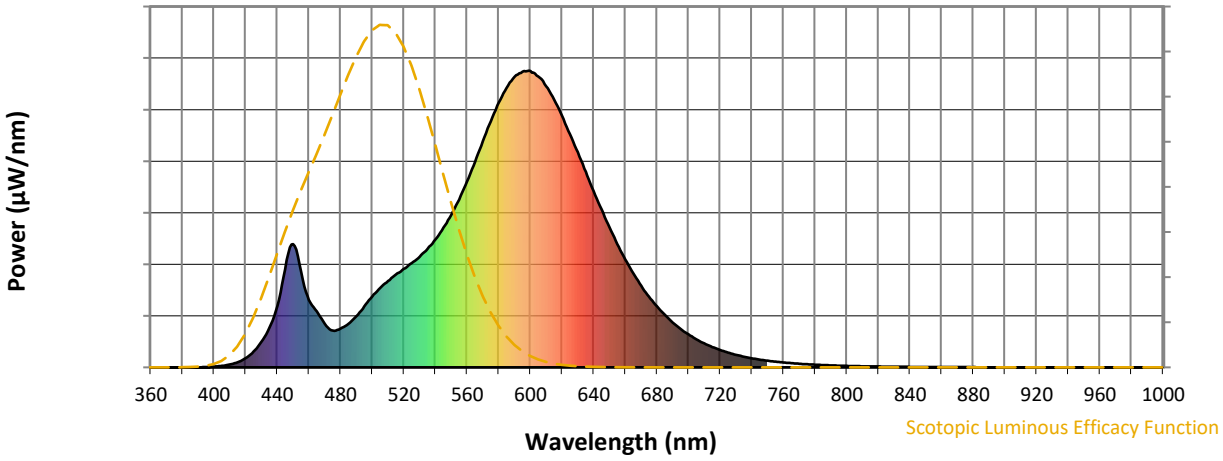


Photopic Lumens: NR

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

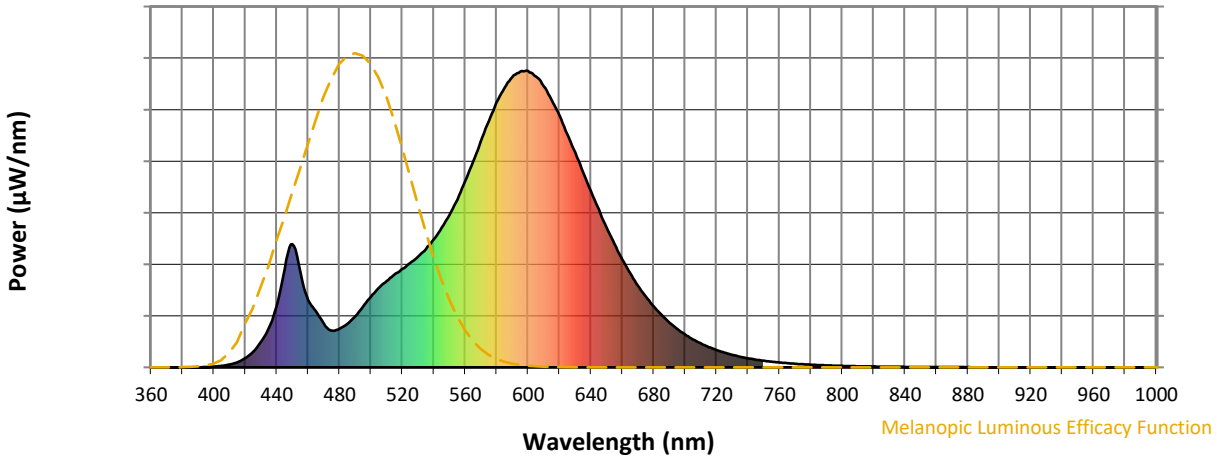


Scotopic Lumens: NR **S/P: 1.16**

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			

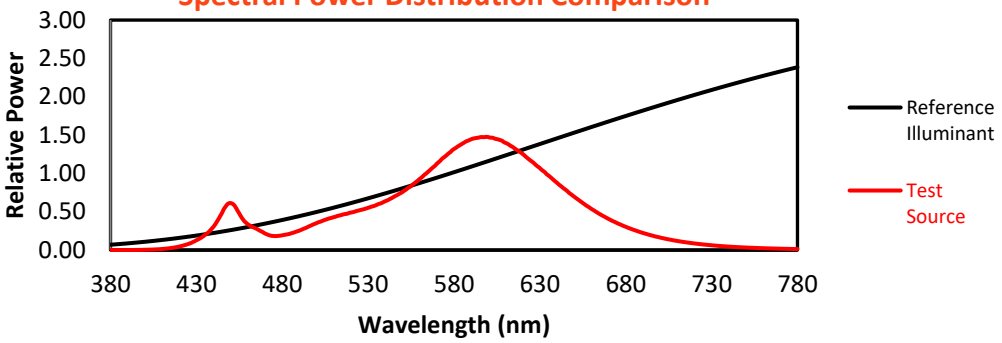
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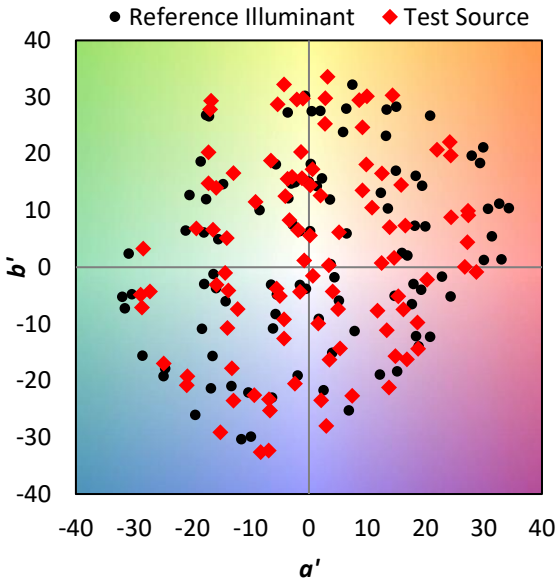
Summary

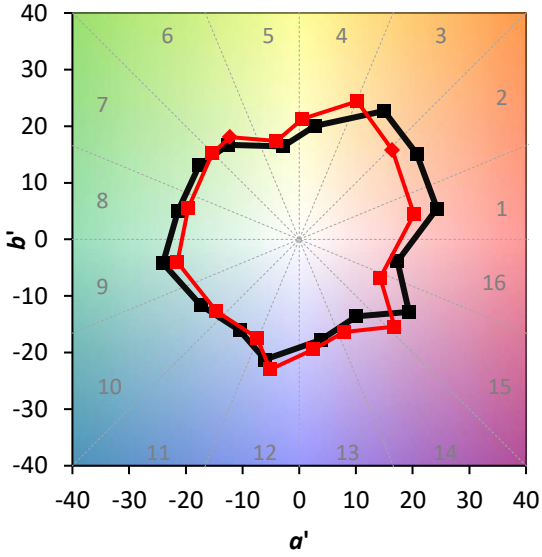
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

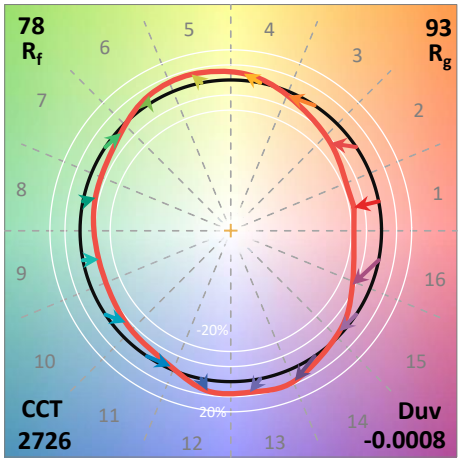
Spectral Power Distribution Comparison

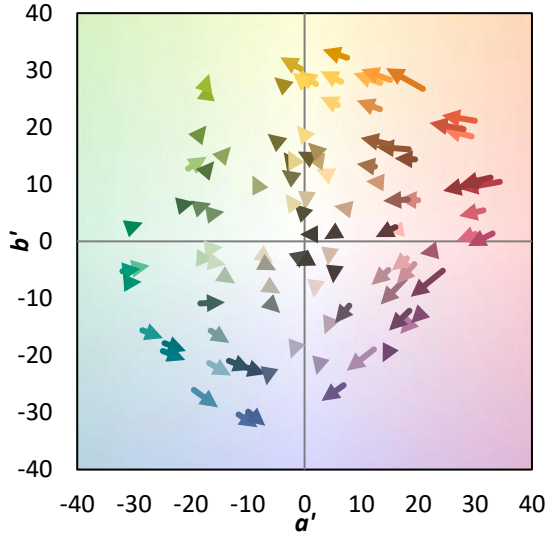


Color Vector Graphics







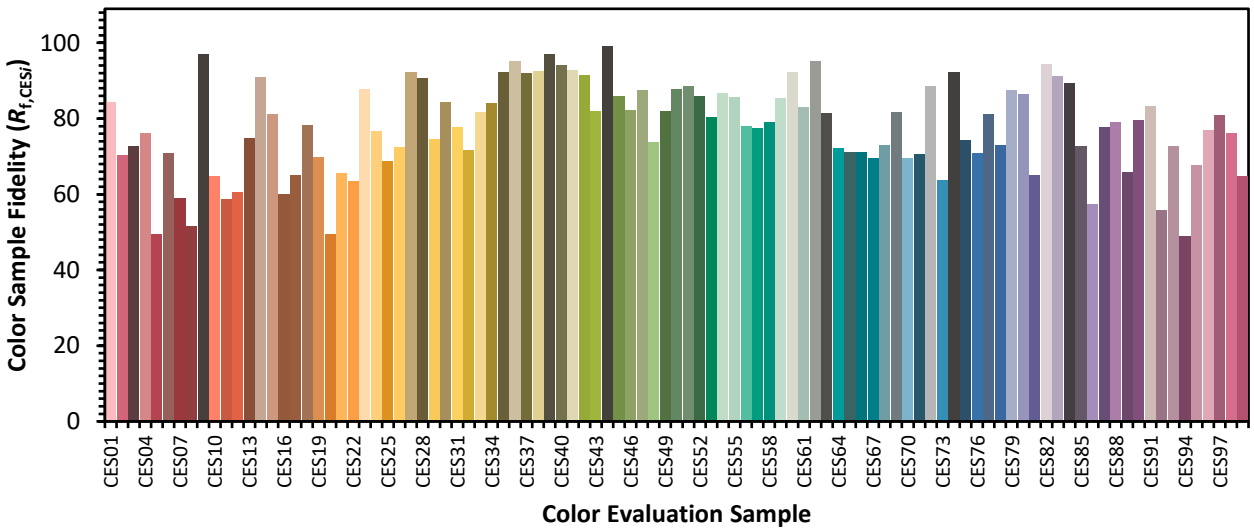


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Individual Sample Fidelity Index ($R_{f,i}$)

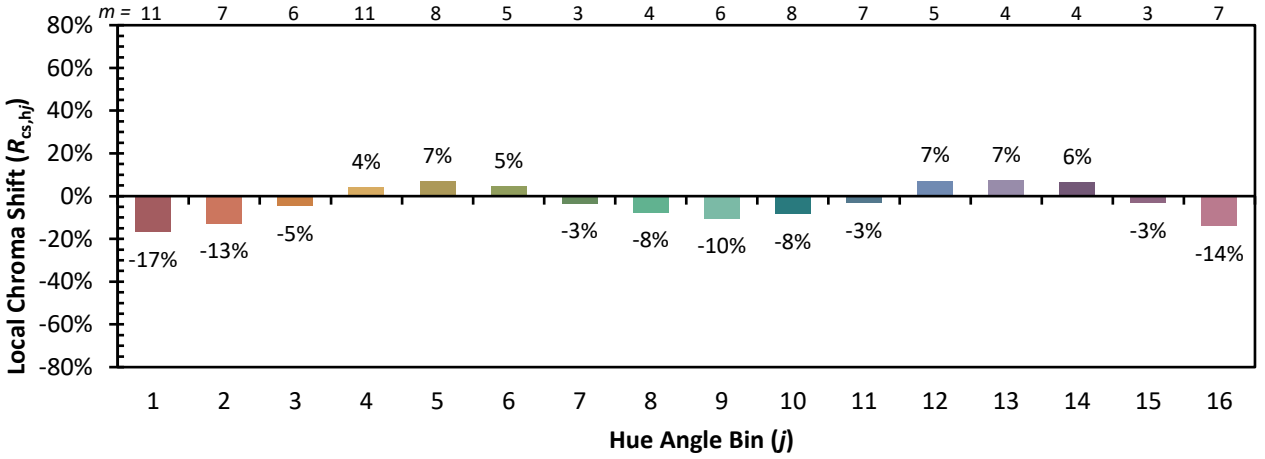
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82 = 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	

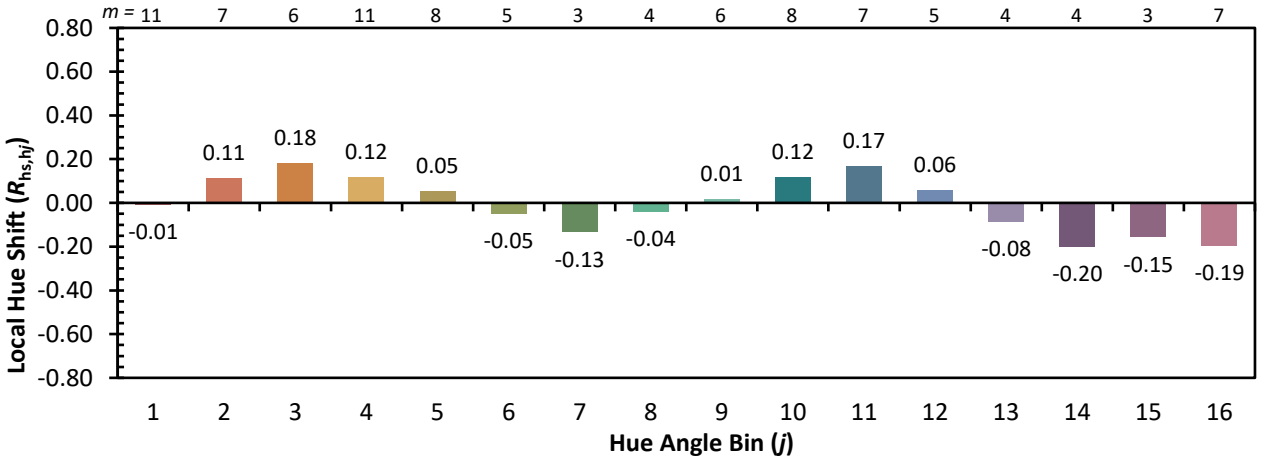


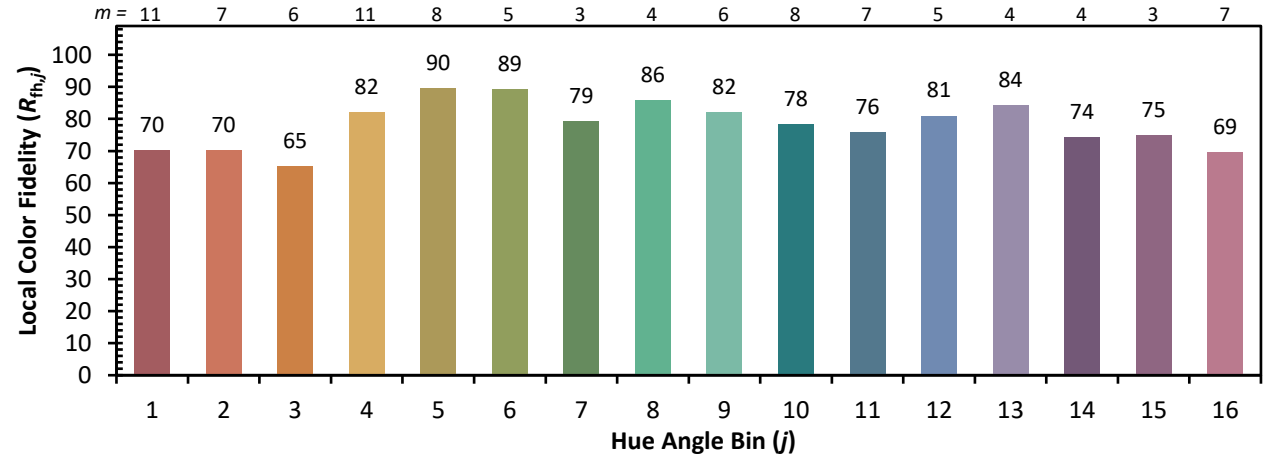
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Color Rendition by Hue-Angle Bin



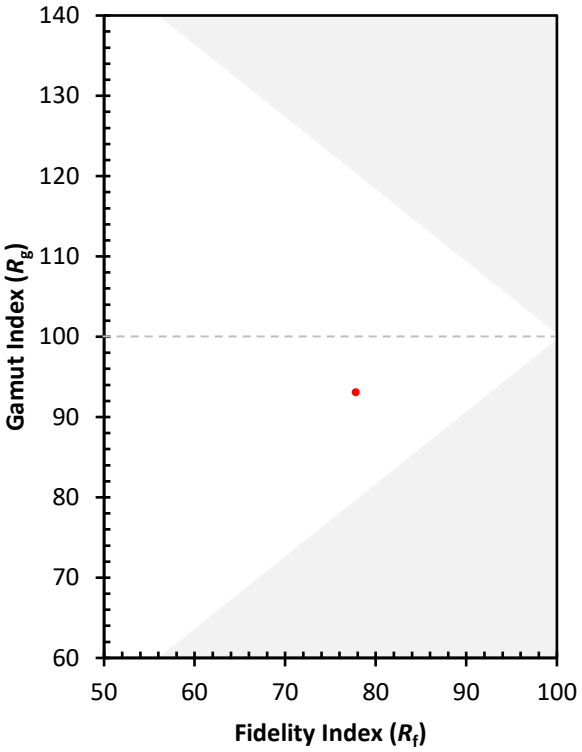


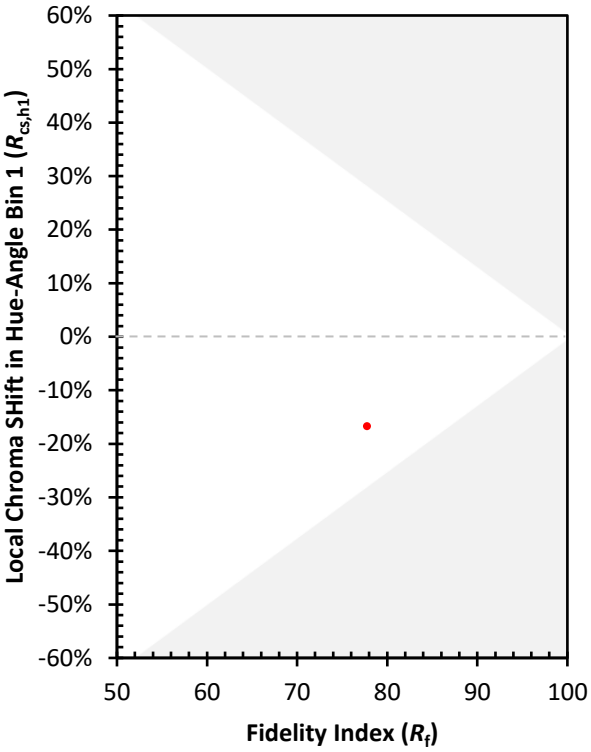


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Measure Comparisons





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