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: P981101

Luminaire Tested: **FFX-CLB-90-727-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:	P981101
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-727-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:	12903.8 lumens
Efficiency:	N/A
Efficacy:	142.4 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

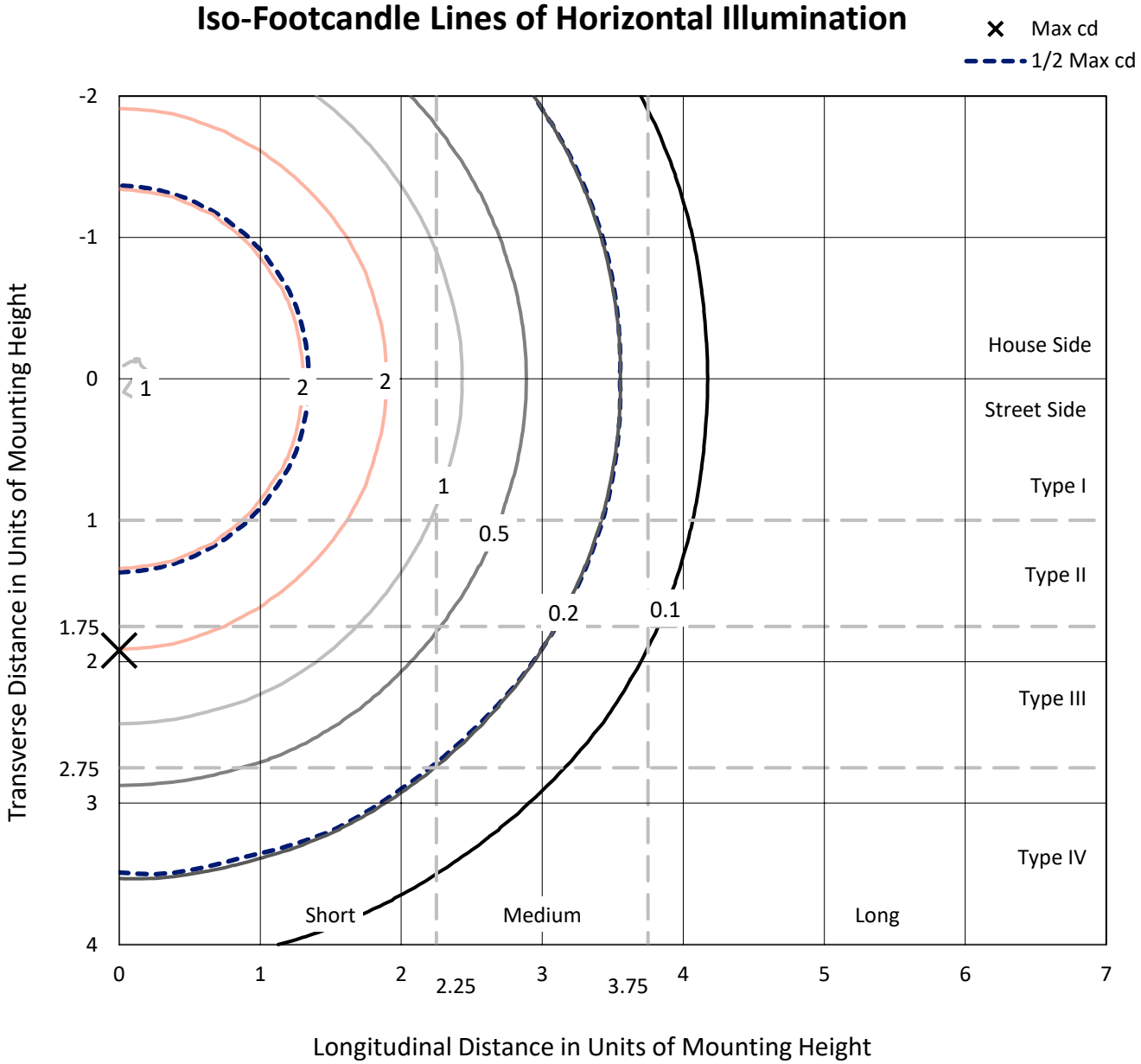
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981101
CATALOG NUMBER: FFX-CLB-90-727-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



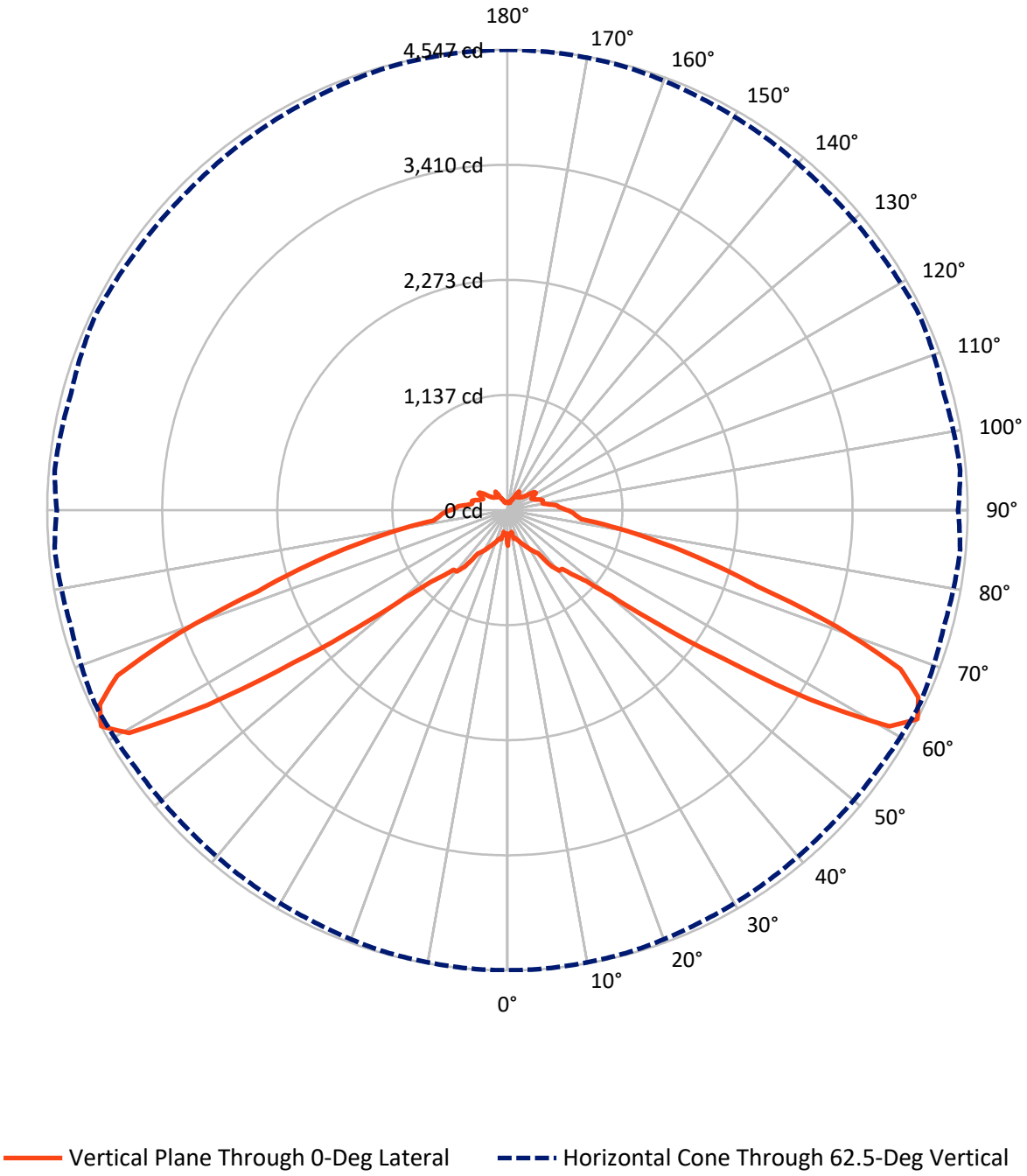
Based on 15 foot mounting height. Maximum calculated value = 2.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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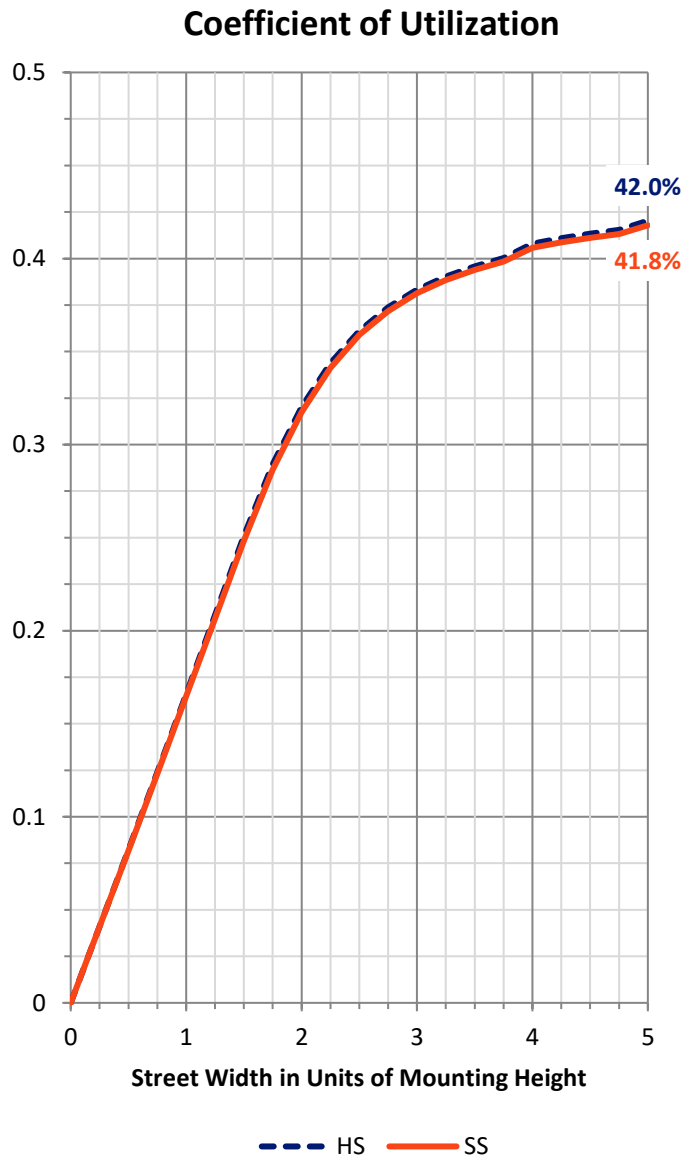
REPORT NUMBER: P981101
CATALOG NUMBER: FFX-CLB-90-727-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5616.3	835.6	6451.9
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	5616.3	835.6	6451.9
	% Fixture	43.5	6.5	50.0
Total	Lumens	11232.6	1671.2	12903.8
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	0.2
10°-20°	81.8	0.6
20°-30°	179.4	1.4
30°-40°	368.5	2.9
40°-50°	761.0	5.9
50°-60°	2485.5	19.3
60°-70°	4190.7	32.5
70°-80°	2281.1	17.7
80°-90°	862.7	6.7
90°-100°	524.4	4.1
100°-110°	330.8	2.6
110°-120°	251.6	1.9
120°-130°	215.1	1.7
130°-140°	144.6	1.1
140°-150°	119.0	0.9
150°-160°	56.2	0.4
160°-170°	22.3	0.2
170°-180°	7.3	0.1
0°-90°	11232.6	87.0
0°-180°	12903.8	100.0



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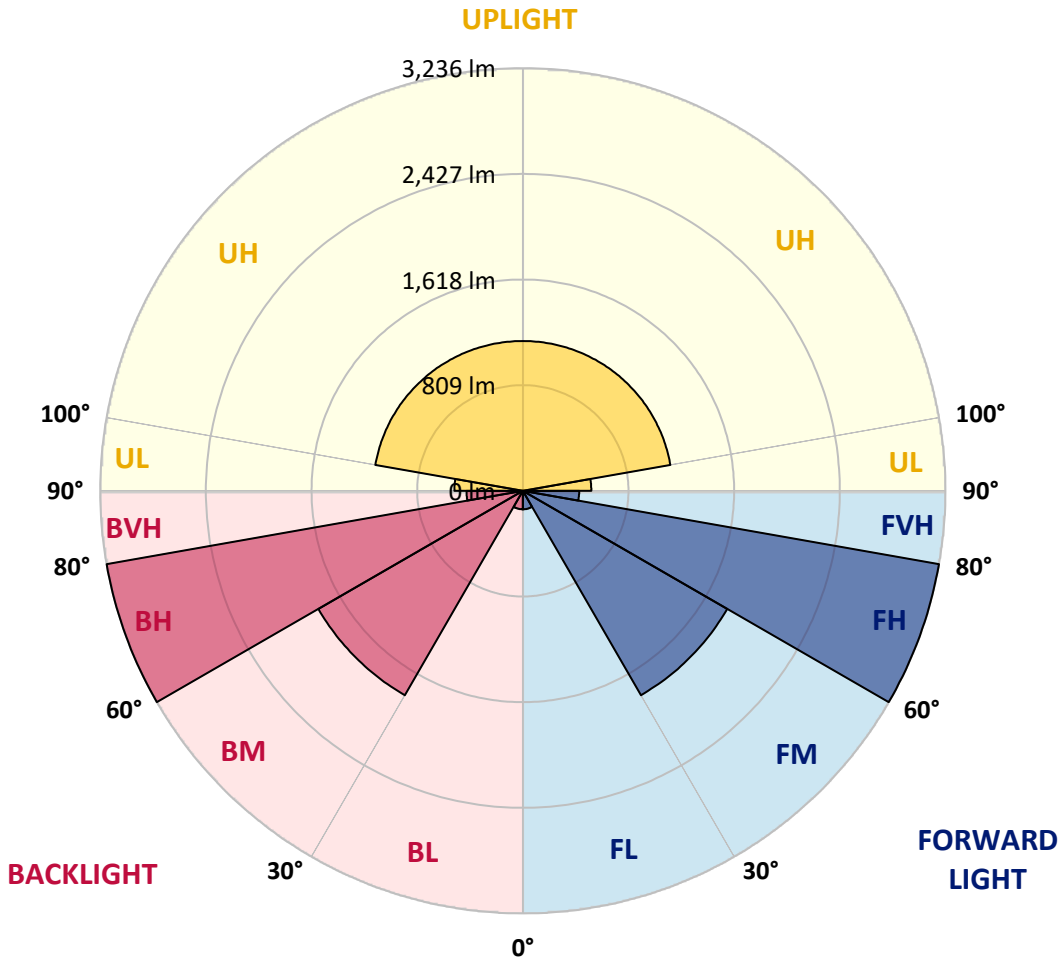
Scaled Data Report

REPORT NUMBER: P981101
CATALOG NUMBER: FFX-CLB-90-727-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°)	141.6	1.1			
FM	(30°-60°)	1807.5	14.0			
FH	(60°-80°)	3235.9	25.1			G2/5000
FVH	(80°-90°)	431.3	3.3			G3/500
BL	(0°-30°)	141.6	1.1	B1/500		
BM	(30°-60°)	1807.5	14.0	B2/2500		
BH	(60°-80°)	3235.9	25.1	B4/5000		G2/5000
BVH	(80°-90°)	431.3	3.3			G3/500
UL	(90°-100°)	524.4	4.1		U4/1000	
UH	(100°-180°)	1146.8	8.9		U5	

BUG Rating: B4-U5-G3
Type V Short



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REPORT NUMBER: P981101
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	351.4	351.4	351.4	351.4	351.4	351.4	351.4	351.4	351.4	351.4	351.4
2.5°	234.0	243.3	295.2	337.8	336.9	307.1	268.8	272.2	295.2	315.6	320.7
5°	235.7	232.3	229.7	219.5	216.1	221.2	217.8	207.6	203.3	204.2	220.4
7.5°	245.0	240.8	216.1	197.4	194.8	205.9	229.7	229.7	204.2	184.6	183.8
10°	220.4	219.5	228.0	236.5	239.1	228.9	218.6	213.5	211.8	210.1	208.4
12.5°	291.0	287.6	269.7	258.6	256.9	262.0	269.7	267.1	254.4	247.6	247.6
15°	289.3	291.0	293.5	289.3	288.4	289.3	293.5	291.0	286.7	281.6	281.6
17.5°	305.4	306.3	307.1	308.8	307.1	304.6	304.6	303.7	304.6	306.3	306.3
20°	330.1	331.0	331.0	331.0	330.1	325.0	325.0	325.8	325.0	326.7	325.8
22.5°	357.3	356.5	356.5	356.5	353.9	349.7	348.8	349.7	347.1	347.1	347.1
25°	383.7	385.4	388.0	387.1	382.8	379.4	376.9	377.7	376.0	376.0	376.0
27.5°	416.9	415.2	420.3	418.6	414.3	414.3	411.8	411.8	409.2	408.4	407.5
30°	454.3	453.5	453.5	454.3	452.6	450.9	450.9	449.2	445.0	445.8	447.5
32.5°	490.9	490.0	488.3	489.2	488.3	485.8	490.0	490.0	488.3	489.2	494.3
35°	526.6	531.7	543.6	552.2	554.7	553.9	557.3	563.2	559.0	556.4	559.0
37.5°	696.8	693.4	680.6	673.0	674.7	678.9	669.6	662.8	658.5	657.6	661.9
40°	786.1	782.7	764.0	765.7	752.9	757.2	761.4	767.4	763.1	753.8	753.8
42.5°	793.8	794.6	821.0	861.0	849.1	823.5	799.7	811.6	829.5	840.6	844.8
45°	911.2	922.2	922.2	924.8	925.6	926.5	909.5	917.1	931.6	949.5	948.6
47.5°	1046.5	1053.3	1057.5	1062.6	1060.1	1062.6	1084.7	1078.8	1094.9	1093.2	1091.5
50°	1329.8	1358.7	1363.8	1383.4	1371.4	1374.0	1414.8	1418.2	1418.2	1415.7	1419.1
52.5°	1887.0	1912.5	1908.3	1864.9	1886.2	1924.5	1968.7	1937.2	1982.3	1960.2	1950.0
55°	2594.9	2595.7	2623.8	2684.2	2712.3	2682.5	2706.3	2647.6	2746.3	2758.2	2728.4
57.5°	3534.1	3552.0	3557.9	3573.3	3551.1	3547.7	3564.7	3528.2	3574.1	3529.0	3546.9
60°	4337.2	4314.3	4248.8	4156.0	4166.2	4202.8	4269.2	4246.2	4213.9	4150.9	4136.5
62.5°	4546.5	4543.1	4529.5	4495.5	4475.1	4458.9	4467.4	4502.3	4461.5	4489.5	4452.1
65°	4460.6	4458.1	4470.8	4500.6	4478.5	4424.0	4376.4	4433.4	4407.9	4501.4	4474.2
67.5°	4185.8	4174.8	4162.0	4217.3	4182.4	4104.1	4069.3	4074.4	4059.0	4152.6	4125.4
70°	3452.4	3434.6	3458.4	3546.0	3495.8	3426.1	3386.1	3403.1	3407.4	3466.9	3476.3
72.5°	2587.2	2609.3	2633.1	2691.9	2679.9	2641.7	2663.8	2689.3	2714.0	2736.1	2726.7
75°	2047.8	2074.2	2026.5	2055.5	2045.3	2075.0	2095.5	2107.4	2104.8	2081.8	2071.6
77.5°	1556.9	1578.2	1567.1	1558.6	1566.3	1596.1	1660.7	1653.1	1616.5	1577.3	1585.0
80°	1119.6	1157.1	1161.3	1157.9	1174.1	1178.3	1232.8	1218.3	1188.5	1187.7	1196.2
82.5°	733.4	750.4	804.0	851.6	864.4	843.1	878.9	892.5	900.1	901.0	898.4
85°	678.9	697.6	684.9	710.4	716.4	722.3	728.3	733.4	741.9	749.5	752.9
87.5°	641.5	672.1	670.4	687.4	685.7	697.6	708.7	712.1	701.9	690.8	687.4
90°	573.4	598.1	607.5	617.7	622.8	621.1	630.4	630.4	623.6	618.5	616.8
92.5°	514.7	528.3	536.8	549.6	553.0	551.3	560.7	556.4	557.3	559.0	560.7
95°	486.6	492.6	490.0	495.2	488.3	482.4	485.8	480.7	478.1	473.9	473.9
97.5°	406.7	405.8	405.8	407.5	404.1	399.0	401.6	400.7	401.6	401.6	398.2
100°	356.5	355.6	350.5	349.7	348.8	347.1	344.6	345.4	345.4	344.6	345.4
102.5°	355.6	348.0	336.9	325.0	325.0	322.4	323.3	322.4	321.6	316.5	313.9
105°	362.4	350.5	331.8	308.0	304.6	305.4	308.0	307.1	303.7	298.6	295.2
107.5°	335.2	321.6	310.5	295.2	291.0	290.1	291.8	292.7	289.3	282.5	277.4
110°	296.9	291.8	286.7	280.8	276.5	275.7	275.7	275.7	272.2	269.7	263.7

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CATALOG NUMBER: FFX-CLB-90-727-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*279.9*	273.9	268.0	262.9	260.3	259.5	257.8	256.1	253.5	251.0	247.6
115°	*263.7*	263.7	259.5	240.8	236.5	235.7	234.8	234.8	234.8	234.8	234.0
117.5°	*285.9*	283.3	267.1	243.3	235.7	231.4	228.0	229.7	228.9	234.8	233.1
120°	*327.5*	308.8	273.9	256.9	250.1	246.7	247.6	248.4	247.6	245.9	242.5
122.5°	*324.1*	303.7	282.5	269.7	262.0	261.2	264.6	263.7	256.1	244.2	234.8
125°	*285.0*	273.9	261.2	249.3	245.0	243.3	245.0	242.5	237.4	231.4	222.1
127.5°	*221.2*	219.5	212.7	207.6	208.4	211.0	215.2	215.2	212.7	209.3	204.2
130°	*198.2*	196.5	197.4	199.1	198.2	198.2	194.0	190.6	196.5	201.6	199.1
132.5°	*182.9*	183.8	192.3	205.0	202.5	195.7	185.5	183.8	193.1	203.3	202.5
135°	*176.1*	177.0	183.8	196.5	193.1	184.6	180.4	181.2	186.3	191.4	190.6
137.5°	*176.1*	176.1	174.4	178.7	178.7	178.7	177.8	180.4	183.8	183.8	181.2
140°	*173.6*	175.3	170.2	171.0	173.6	176.1	177.0	180.4	181.2	180.4	177.0
142.5°	*159.1*	160.8	165.9	172.7	174.4	176.1	181.2	180.4	180.4	180.4	178.7
145°	*195.7*	195.7	199.9	205.9	203.3	199.9	201.6	202.5	204.2	205.9	204.2
147.5°	*216.1*	216.1	211.0	209.3	205.0	205.0	210.1	209.3	208.4	206.7	207.6
150°	*178.7*	177.8	173.6	171.9	171.9	170.2	172.7	172.7	170.2	168.5	169.3
152.5°	*127.6*	128.5	126.8	128.5	131.0	133.6	136.1	137.8	137.8	137.8	136.1
155°	*115.7*	114.0	113.2	114.9	115.7	114.9	113.2	113.2	113.2	111.5	110.6
157.5°	*100.4*	99.5	98.7	99.5	99.5	100.4	101.2	102.1	102.1	100.4	99.5
160°	*86.8*	86.8	86.8	87.6	87.6	86.8	85.9	86.8	88.5	88.5	88.5
162.5°	*78.3*	79.1	80.0	81.7	81.7	80.0	78.3	78.3	80.0	81.7	81.7
165°	*72.3*	72.3	74.0	77.4	78.3	75.7	73.2	73.2	75.7	79.1	80.0
167.5°	*72.3*	73.2	75.7	78.3	77.4	74.9	72.3	72.3	74.9	77.4	77.4
170°	*77.4*	77.4	76.6	75.7	74.9	74.9	74.9	75.7	76.6	75.7	75.7
172.5°	*81.7*	80.8	78.3	75.7	74.9	77.4	79.1	78.3	77.4	75.7	75.7
175°	*83.4*	82.5	80.8	79.1	79.1	80.8	81.7	80.0	78.3	77.4	76.6
177.5°	*74.9*	74.9	74.0	74.0	74.9	74.0	74.0	74.0	73.2	72.3	71.5
180°	*64.7*	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7

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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

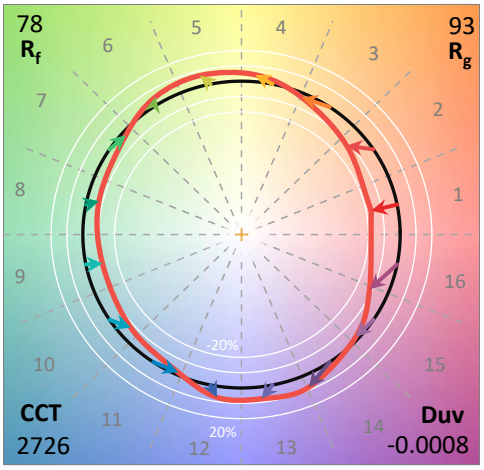
Test Information

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

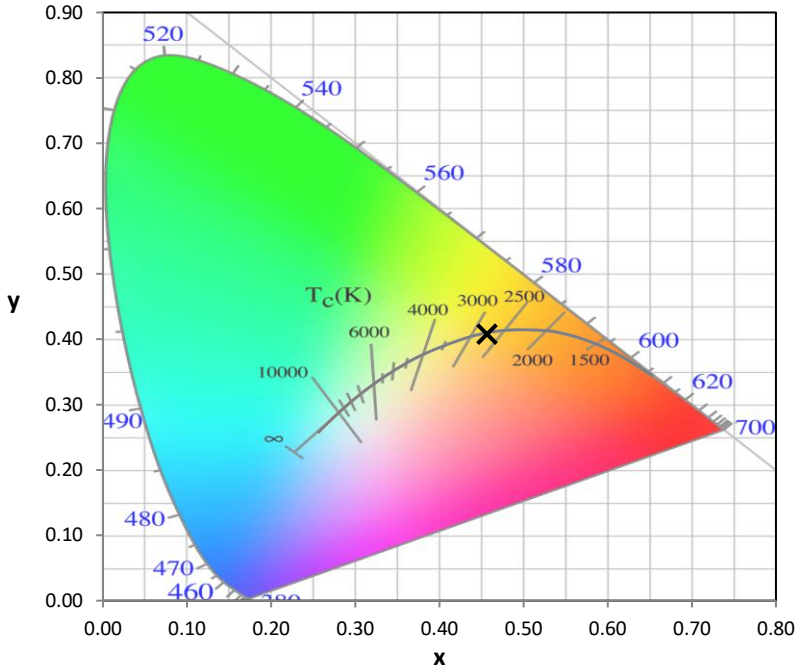
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

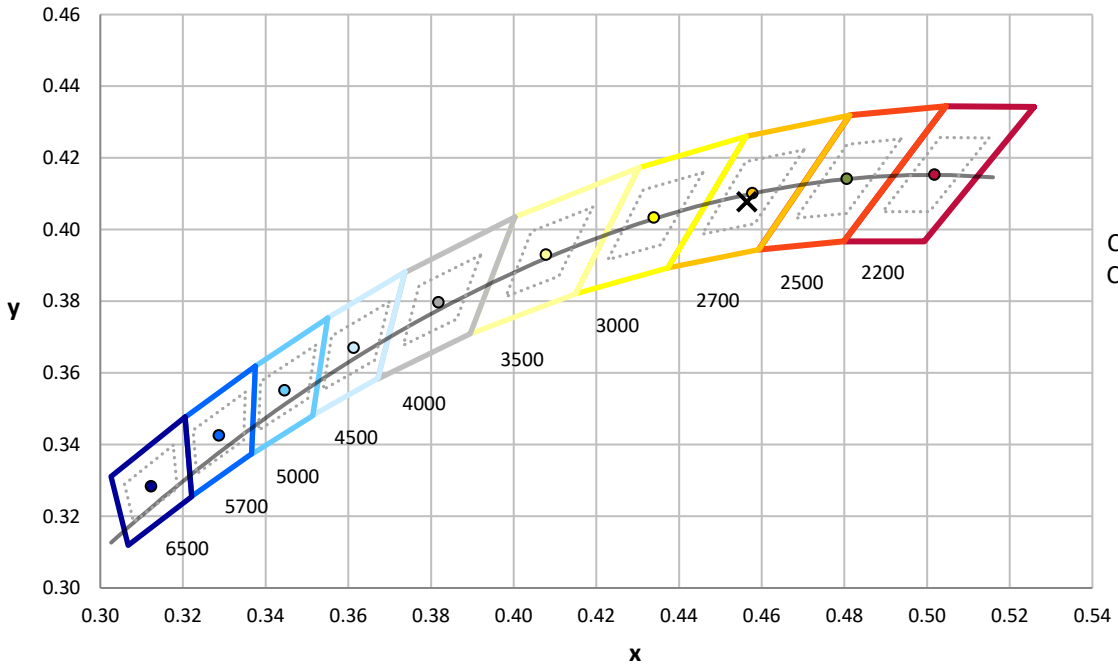
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

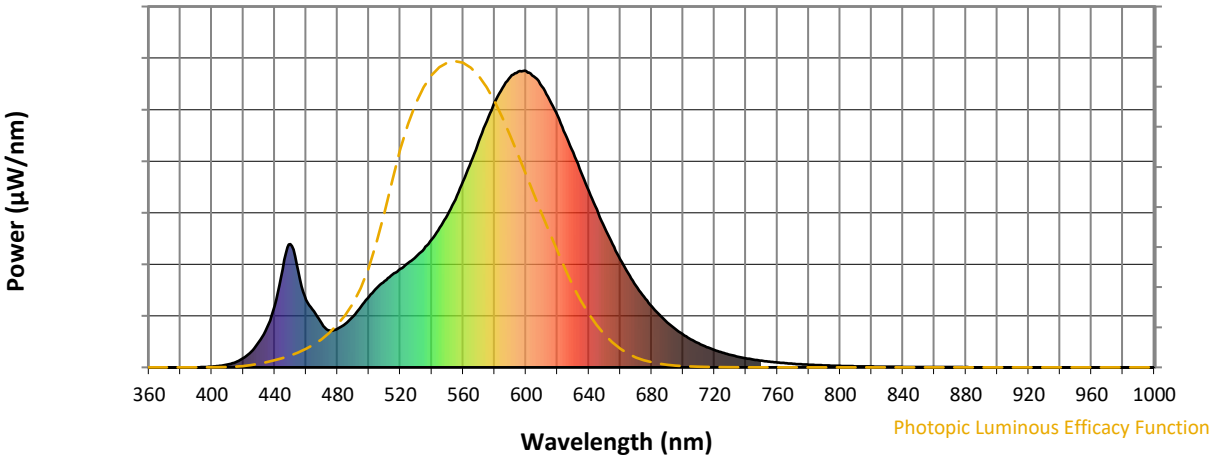


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

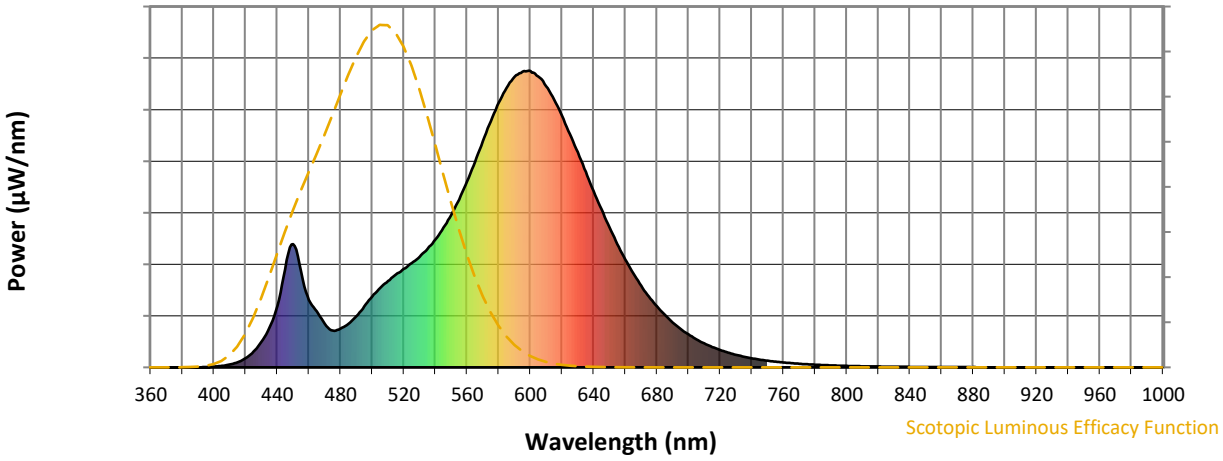


Photopic Lumens: NR

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

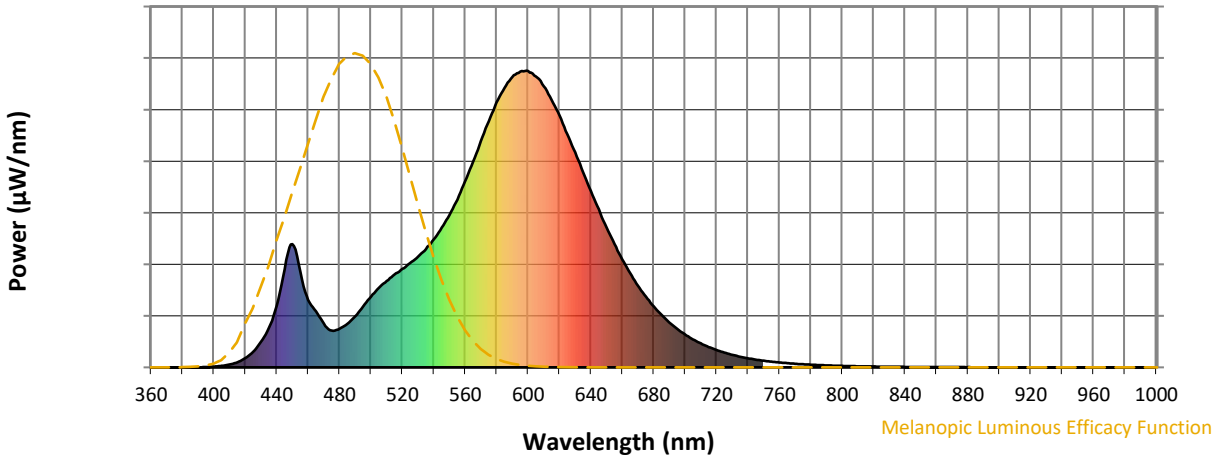


Scotopic Lumens: NR **S/P: 1.16**

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			

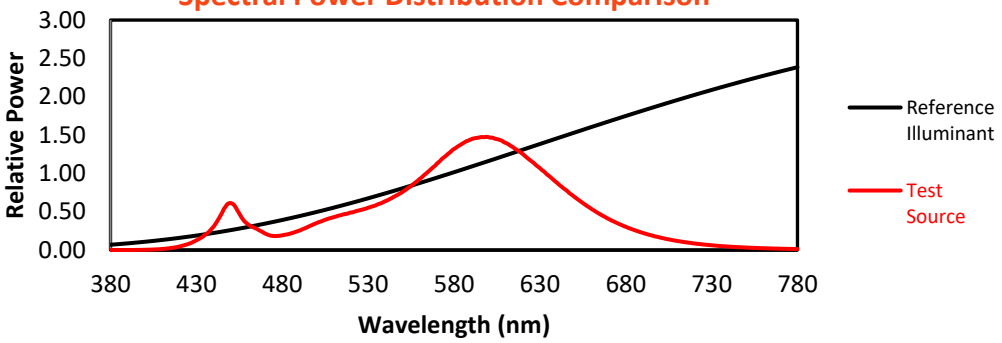
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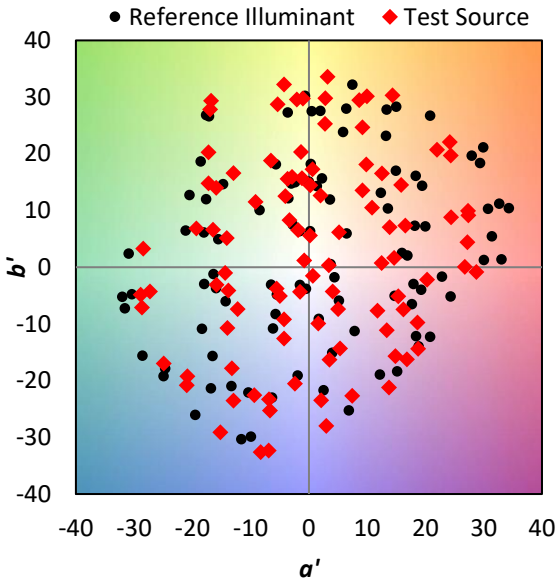
Summary

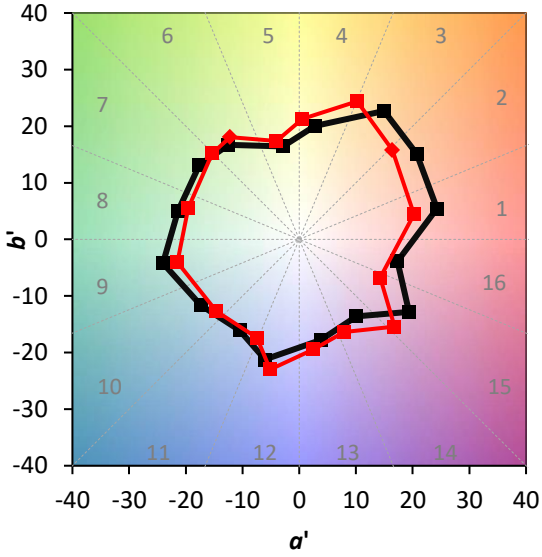
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

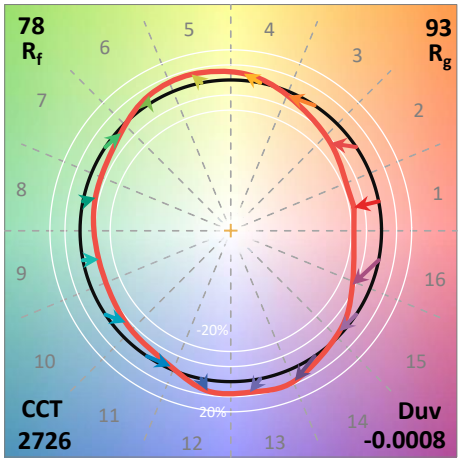
Spectral Power Distribution Comparison

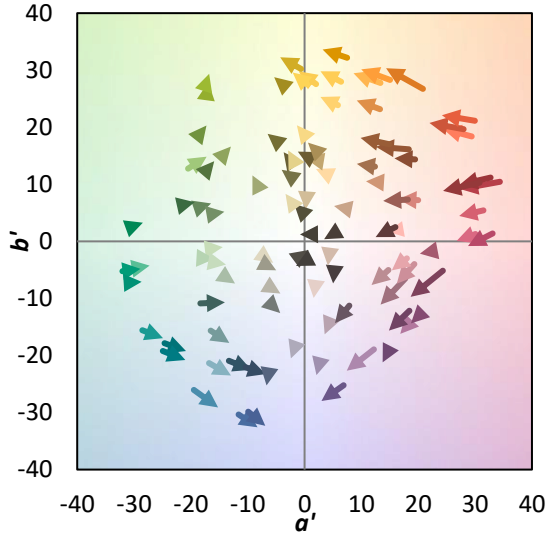


Color Vector Graphics







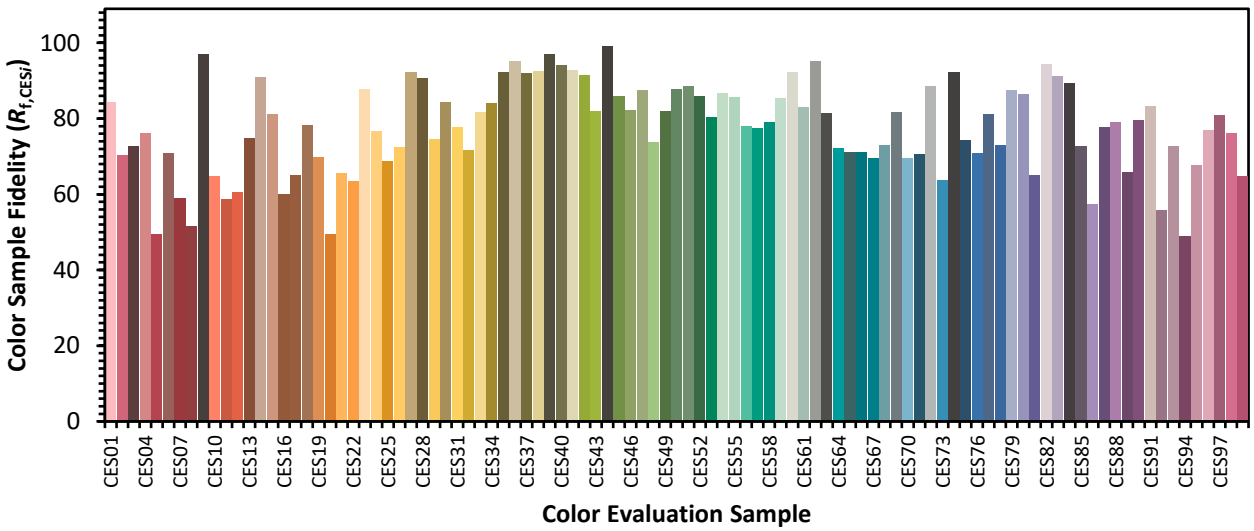


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Individual Sample Fidelity Index ($R_{f,i}$)

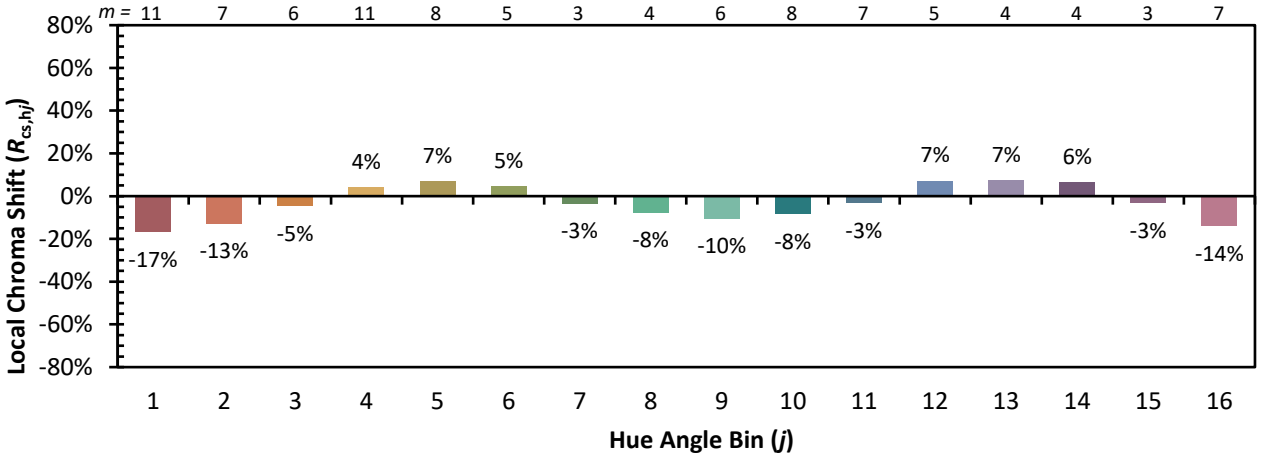
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82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

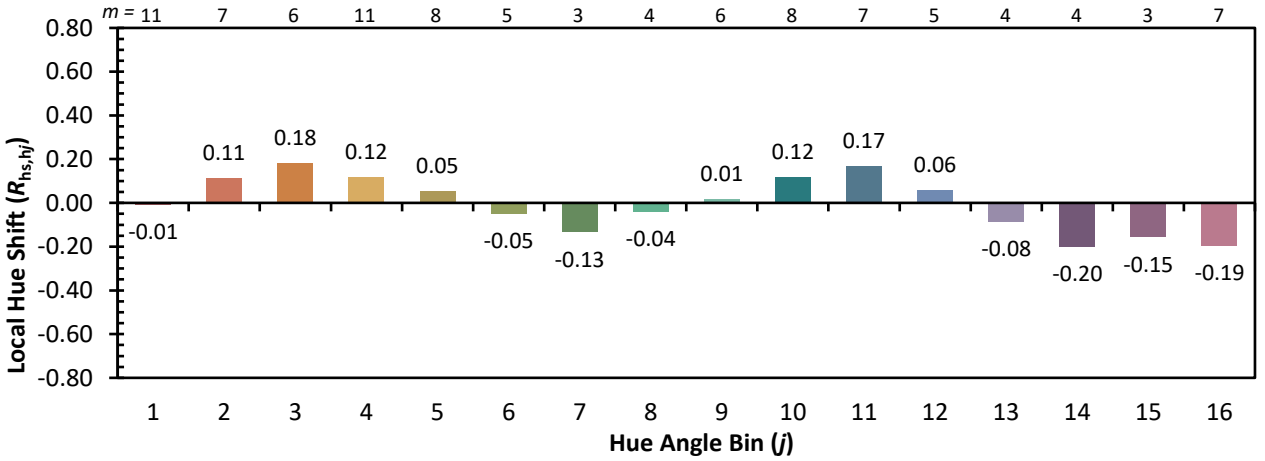


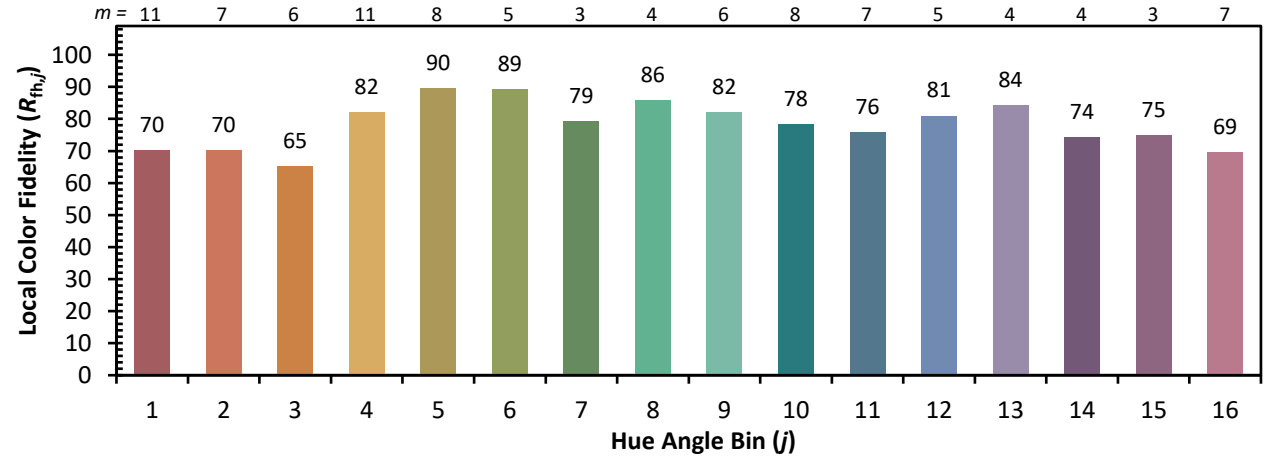
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Color Rendition by Hue-Angle Bin



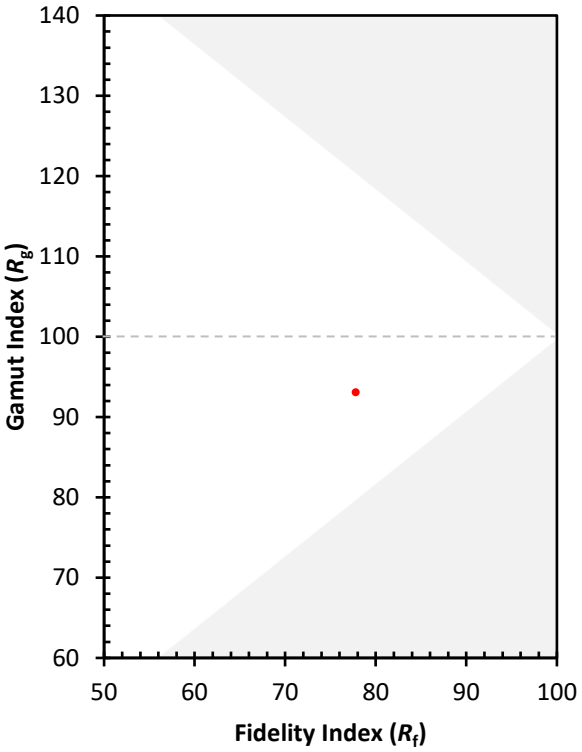


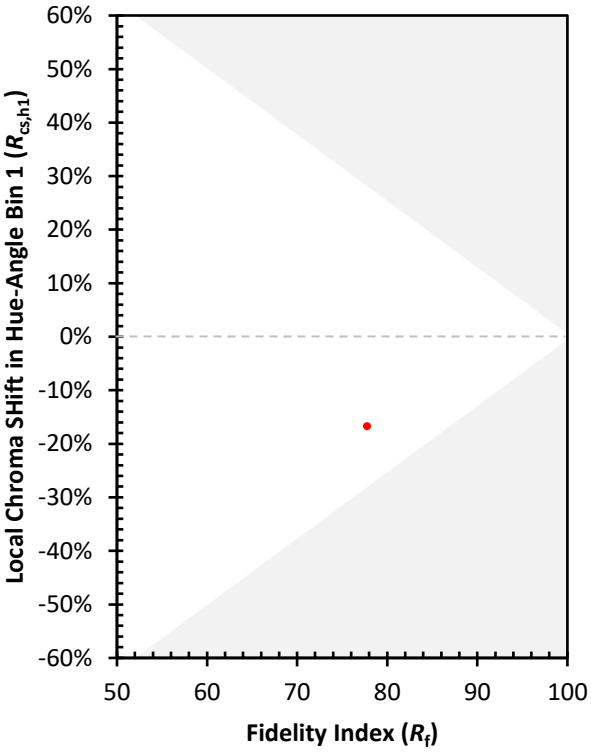


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Measure Comparisons





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