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: P981107

Luminaire Tested: **FFX-CLB-30-727-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:	P981107
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-727-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:	4437.7 lumens
Efficiency:	N/A
Efficacy:	145.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U3 - G2

Input Watts (W):	30.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	10.8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

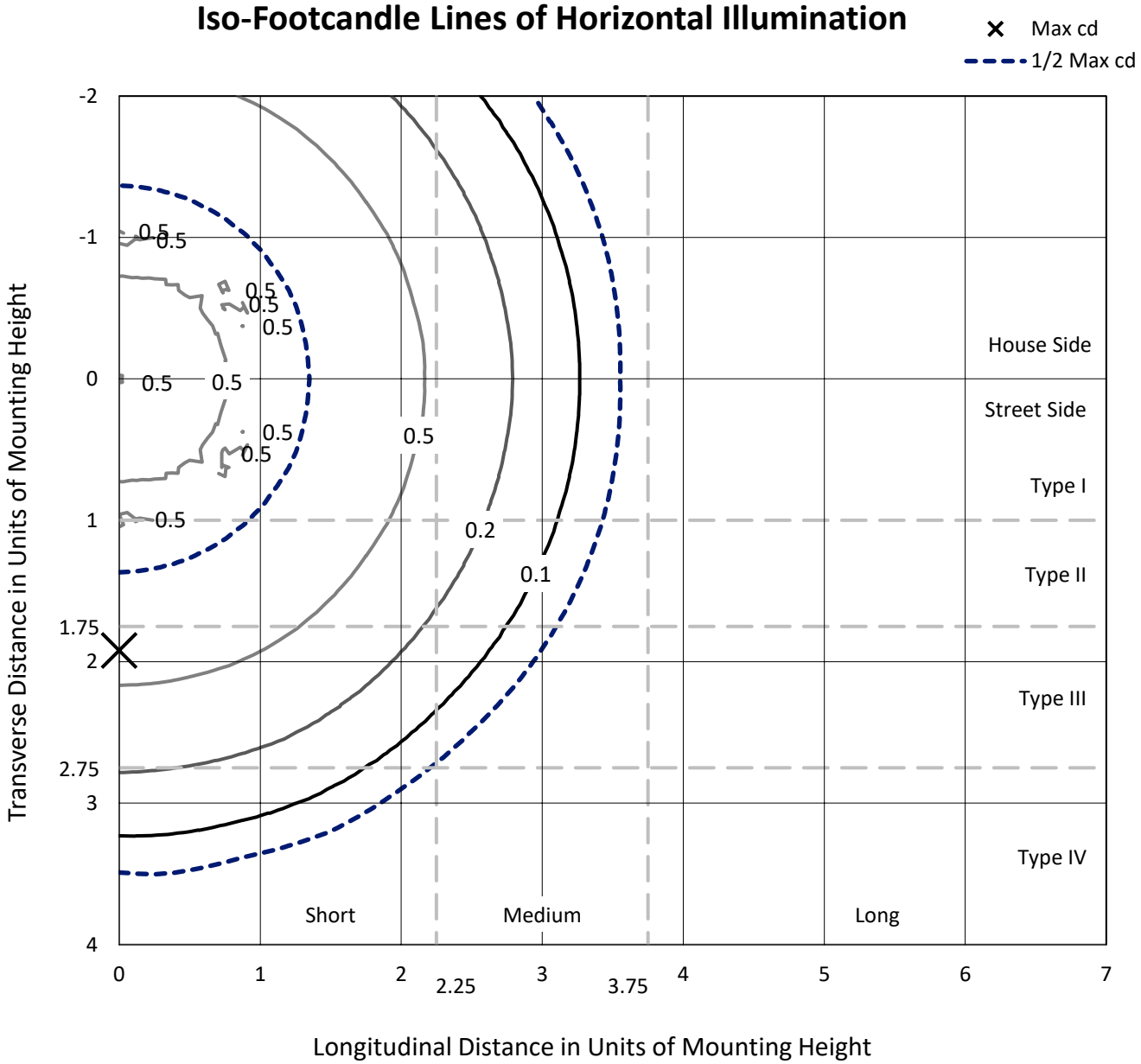


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REPORT NUMBER: P981107
CATALOG NUMBER: FFX-CLB-30-727-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



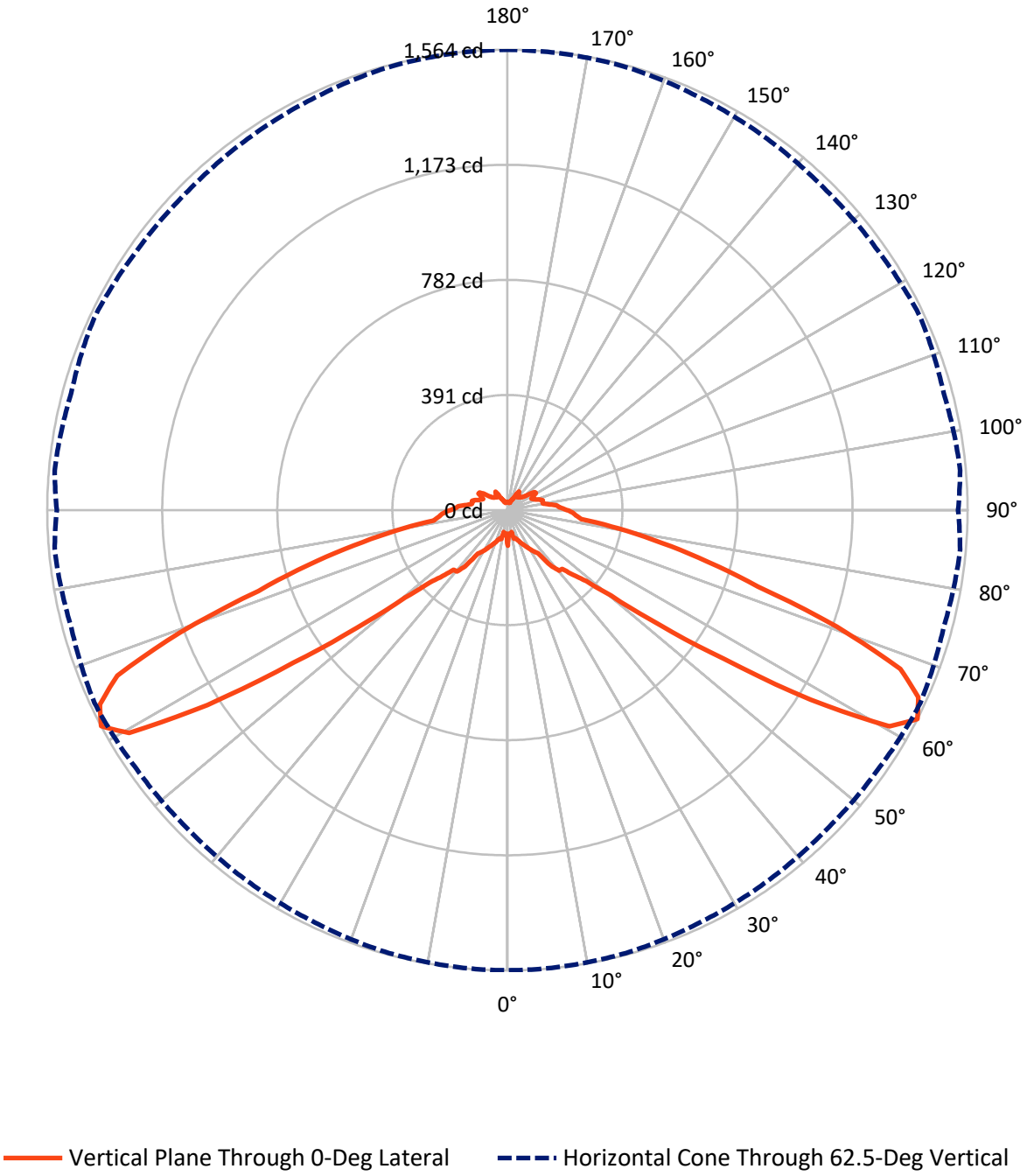
Based on 15 foot mounting height. Maximum calculated value = 0.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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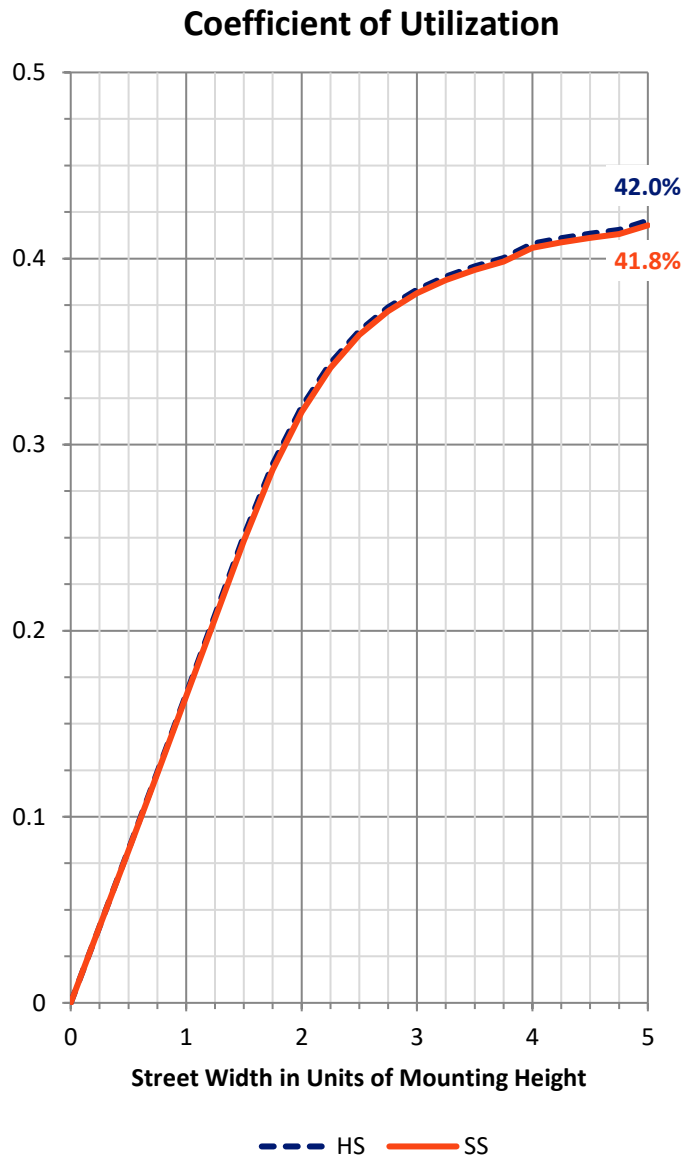
REPORT NUMBER: P981107
CATALOG NUMBER: FFX-CLB-30-727-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1931.5	287.4	2218.9
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	1931.5	287.4	2218.9
	% Fixture	43.5	6.5	50.0
Total	Lumens	3863.0	574.7	4437.7
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.6	0.2
10°-20°	28.1	0.6
20°-30°	61.7	1.4
30°-40°	126.7	2.9
40°-50°	261.7	5.9
50°-60°	854.8	19.3
60°-70°	1441.2	32.5
70°-80°	784.5	17.7
80°-90°	296.7	6.7
90°-100°	180.3	4.1
100°-110°	113.8	2.6
110°-120°	86.5	1.9
120°-130°	74.0	1.7
130°-140°	49.7	1.1
140°-150°	40.9	0.9
150°-160°	19.3	0.4
160°-170°	7.7	0.2
170°-180°	2.5	0.1
0°-90°	3863.0	87.0
0°-180°	4437.7	100.0



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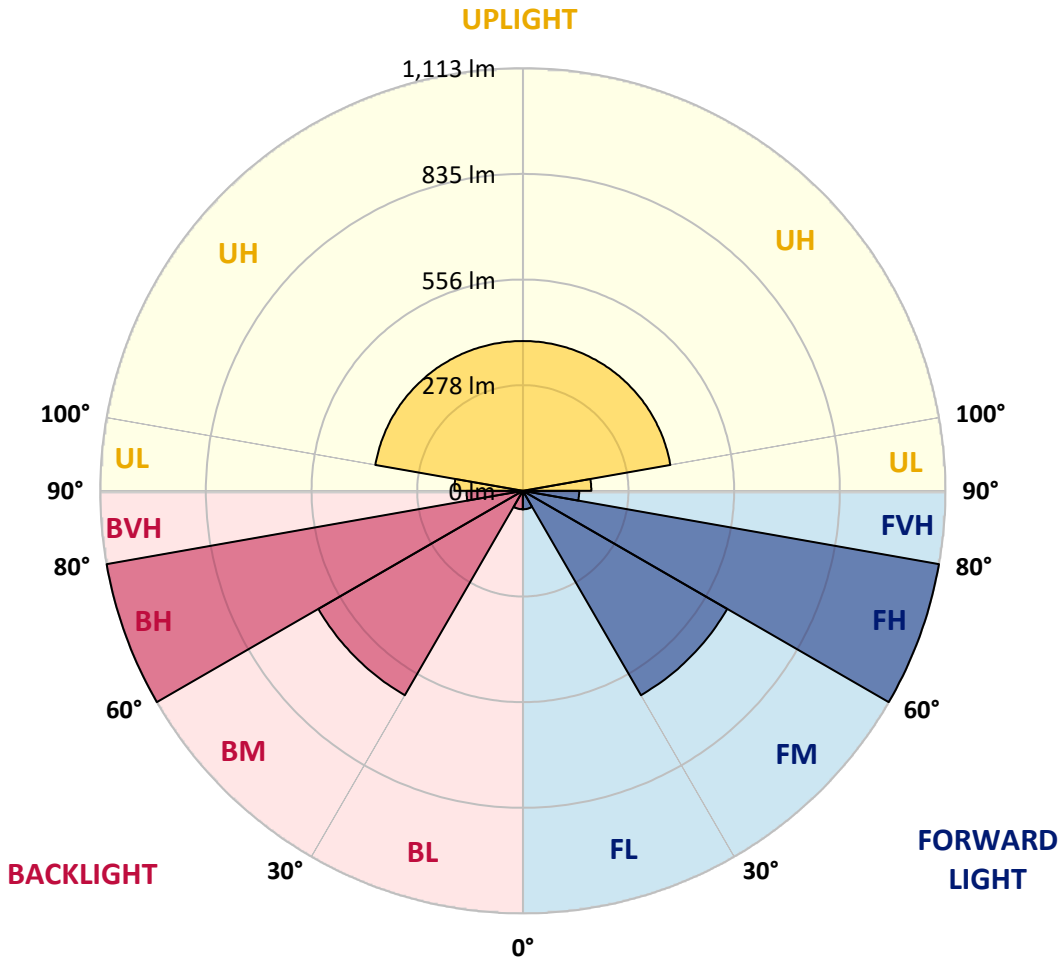
Scaled Data Report

REPORT NUMBER: P981107
CATALOG NUMBER: FFX-CLB-30-727-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°)	48.7	1.1			
FM	(30°-60°)	621.6	14.0			
FH	(60°-80°)	1112.8	25.1			G1/1800
FVH	(80°-90°)	148.3	3.3			G2/225
BL	(0°-30°)	48.7	1.1	B0/110		
BM	(30°-60°)	621.6	14.0	B1/1000		
BH	(60°-80°)	1112.8	25.1	B3/2500		G1/1800
BVH	(80°-90°)	148.3	3.3			G2/225
UL	(90°-100°)	180.3	4.1		U3/500	
UH	(100°-180°)	394.4	8.9		U3/500	

BUG Rating: B3-U3-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8	120.8
2.5°	80.5	83.7	101.5	116.2	115.9	105.6	92.5	93.6	101.5	108.6	110.3
5°	81.0	79.9	79.0	75.5	74.3	76.1	74.9	71.4	69.9	70.2	75.8
7.5°	84.3	82.8	74.3	67.9	67.0	70.8	79.0	79.0	70.2	63.5	63.2
10°	75.8	75.5	78.4	81.3	82.2	78.7	75.2	73.4	72.9	72.3	71.7
12.5°	100.1	98.9	92.8	88.9	88.4	90.1	92.8	91.9	87.5	85.1	85.1
15°	99.5	100.1	100.9	99.5	99.2	99.5	100.9	100.1	98.6	96.8	96.8
17.5°	105.0	105.3	105.6	106.2	105.6	104.7	104.7	104.5	104.7	105.3	105.3
20°	113.5	113.8	113.8	113.8	113.5	111.8	111.8	112.1	111.8	112.4	112.1
22.5°	122.9	122.6	122.6	122.6	121.7	120.3	120.0	120.3	119.4	119.4	119.4
25°	132.0	132.5	133.4	133.1	131.7	130.5	129.6	129.9	129.3	129.3	129.3
27.5°	143.4	142.8	144.5	144.0	142.5	142.5	141.6	141.6	140.7	140.4	140.1
30°	156.2	155.9	155.9	156.2	155.7	155.1	155.1	154.5	153.0	153.3	153.9
32.5°	168.8	168.5	167.9	168.2	167.9	167.1	168.5	168.5	167.9	168.2	170.0
35°	181.1	182.9	187.0	189.9	190.8	190.5	191.6	193.7	192.2	191.4	192.2
37.5°	239.6	238.5	234.1	231.4	232.0	233.5	230.3	227.9	226.5	226.2	227.6
40°	270.4	269.2	262.7	263.3	258.9	260.4	261.9	263.9	262.5	259.2	259.2
42.5°	273.0	273.3	282.3	296.1	292.0	283.2	275.0	279.1	285.3	289.1	290.5
45°	313.4	317.2	317.2	318.0	318.3	318.6	312.8	315.4	320.4	326.5	326.2
47.5°	359.9	362.2	363.7	365.4	364.6	365.4	373.0	371.0	376.6	376.0	375.4
50°	457.3	467.3	469.0	475.7	471.7	472.5	486.6	487.7	487.7	486.9	488.0
52.5°	649.0	657.7	656.3	641.4	648.7	661.8	677.0	666.2	681.7	674.1	670.6
55°	892.4	892.7	902.3	923.1	932.8	922.5	930.7	910.5	944.5	948.6	938.3
57.5°	1215.4	1221.6	1223.6	1228.9	1221.3	1220.1	1225.9	1213.4	1229.2	1213.7	1219.8
60°	1491.6	1483.7	1461.2	1429.3	1432.8	1445.4	1468.2	1460.3	1449.2	1427.5	1422.6
62.5°	1563.6	1562.4	1557.7	1546.0	1539.0	1533.5	1536.4	1548.4	1534.3	1544.0	1531.1
65°	1534.0	1533.2	1537.5	1547.8	1540.2	1521.5	1505.1	1524.7	1515.9	1548.1	1538.7
67.5°	1439.5	1435.7	1431.3	1450.4	1438.4	1411.4	1399.4	1401.2	1395.9	1428.1	1418.8
70°	1187.3	1181.2	1189.4	1219.5	1202.2	1178.3	1164.5	1170.4	1171.8	1192.3	1195.5
72.5°	889.8	897.4	905.6	925.7	921.7	908.5	916.1	924.9	933.4	941.0	937.7
75°	704.3	713.3	696.9	706.9	703.4	713.6	720.6	724.7	723.9	716.0	712.5
77.5°	535.4	542.8	538.9	536.0	538.7	548.9	571.1	568.5	555.9	542.5	545.1
80°	385.0	397.9	399.4	398.2	403.8	405.2	424.0	419.0	408.7	408.5	411.4
82.5°	252.2	258.1	276.5	292.9	297.3	290.0	302.2	306.9	309.6	309.9	309.0
85°	233.5	239.9	235.5	244.3	246.4	248.4	250.5	252.2	255.1	257.8	258.9
87.5°	220.6	231.1	230.6	236.4	235.8	239.9	243.7	244.9	241.4	237.6	236.4
90°	197.2	205.7	208.9	212.4	214.2	213.6	216.8	216.8	214.5	212.7	212.1
92.5°	177.0	181.7	184.6	189.0	190.2	189.6	192.8	191.4	191.6	192.2	192.8
95°	167.4	169.4	168.5	170.3	167.9	165.9	167.1	165.3	164.4	163.0	163.0
97.5°	139.9	139.6	139.6	140.1	139.0	137.2	138.1	137.8	138.1	138.1	136.9
100°	122.6	122.3	120.5	120.3	120.0	119.4	118.5	118.8	118.8	118.5	118.8
102.5°	122.3	119.7	115.9	111.8	111.8	110.9	111.2	110.9	110.6	108.8	108.0
105°	124.6	120.5	114.1	105.9	104.7	105.0	105.9	105.6	104.5	102.7	101.5
107.5°	115.3	110.6	106.8	101.5	100.1	99.8	100.4	100.7	99.5	97.1	95.4
110°	102.1	100.4	98.6	96.6	95.1	94.8	94.8	94.8	93.6	92.8	90.7

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REPORT NUMBER: P981107
CATALOG NUMBER: FFX-CLB-30-727-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*96.3*	94.2	92.2	90.4	89.5	89.2	88.7	88.1	87.2	86.3	85.1
115°	*90.7*	90.7	89.2	82.8	81.3	81.0	80.8	80.8	80.8	80.8	80.5
117.5°	*98.3*	97.4	91.9	83.7	81.0	79.6	78.4	79.0	78.7	80.8	80.2
120°	*112.6*	106.2	94.2	88.4	86.0	84.9	85.1	85.4	85.1	84.6	83.4
122.5°	*111.5*	104.5	97.1	92.8	90.1	89.8	91.0	90.7	88.1	84.0	80.8
125°	*98.0*	94.2	89.8	85.7	84.3	83.7	84.3	83.4	81.6	79.6	76.4
127.5°	*76.1*	75.5	73.1	71.4	71.7	72.6	74.0	74.0	73.1	72.0	70.2
130°	*68.2*	67.6	67.9	68.5	68.2	68.2	66.7	65.5	67.6	69.3	68.5
132.5°	*62.9*	63.2	66.1	70.5	69.6	67.3	63.8	63.2	66.4	69.9	69.6
135°	*60.6*	60.9	63.2	67.6	66.4	63.5	62.0	62.3	64.1	65.8	65.5
137.5°	*60.6*	60.6	60.0	61.4	61.4	61.4	61.2	62.0	63.2	63.2	62.3
140°	*59.7*	60.3	58.5	58.8	59.7	60.6	60.9	62.0	62.3	62.0	60.9
142.5°	*54.7*	55.3	57.1	59.4	60.0	60.6	62.3	62.0	62.0	62.0	61.4
145°	*67.3*	67.3	68.8	70.8	69.9	68.8	69.3	69.6	70.2	70.8	70.2
147.5°	*74.3*	74.3	72.6	72.0	70.5	70.5	72.3	72.0	71.7	71.1	71.4
150°	*61.4*	61.2	59.7	59.1	59.1	58.5	59.4	59.4	58.5	57.9	58.2
152.5°	*43.9*	44.2	43.6	44.2	45.1	45.9	46.8	47.4	47.4	47.4	46.8
155°	*39.8*	39.2	38.9	39.5	39.8	39.5	38.9	38.9	38.9	38.3	38.0
157.5°	*34.5*	34.2	33.9	34.2	34.2	34.5	34.8	35.1	35.1	34.5	34.2
160°	*29.8*	29.8	29.8	30.1	30.1	29.8	29.6	29.8	30.4	30.4	30.4
162.5°	*26.9*	27.2	27.5	28.1	28.1	27.5	26.9	26.9	27.5	28.1	28.1
165°	*24.9*	24.9	25.5	26.6	26.9	26.0	25.2	25.2	26.0	27.2	27.5
167.5°	*24.9*	25.2	26.0	26.9	26.6	25.7	24.9	24.9	25.7	26.6	26.6
170°	*26.6*	26.6	26.3	26.0	25.7	25.7	25.7	26.0	26.3	26.0	26.0
172.5°	*28.1*	27.8	26.9	26.0	25.7	26.6	27.2	26.9	26.6	26.0	26.0
175°	*28.7*	28.4	27.8	27.2	27.2	27.8	28.1	27.5	26.9	26.6	26.3
177.5°	*25.7*	25.7	25.5	25.5	25.7	25.5	25.5	25.5	25.2	24.9	24.6
180°	*22.2*	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2

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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: SP1-2501-332-3

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

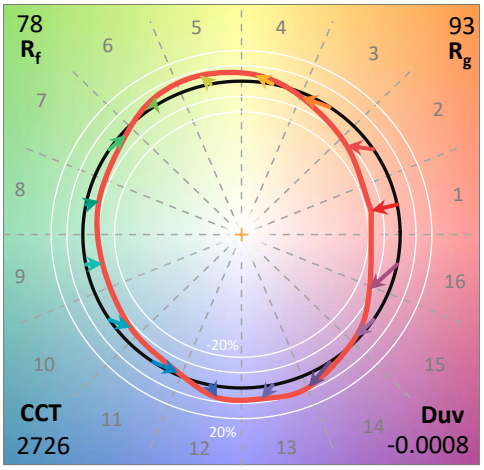
Test Information

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

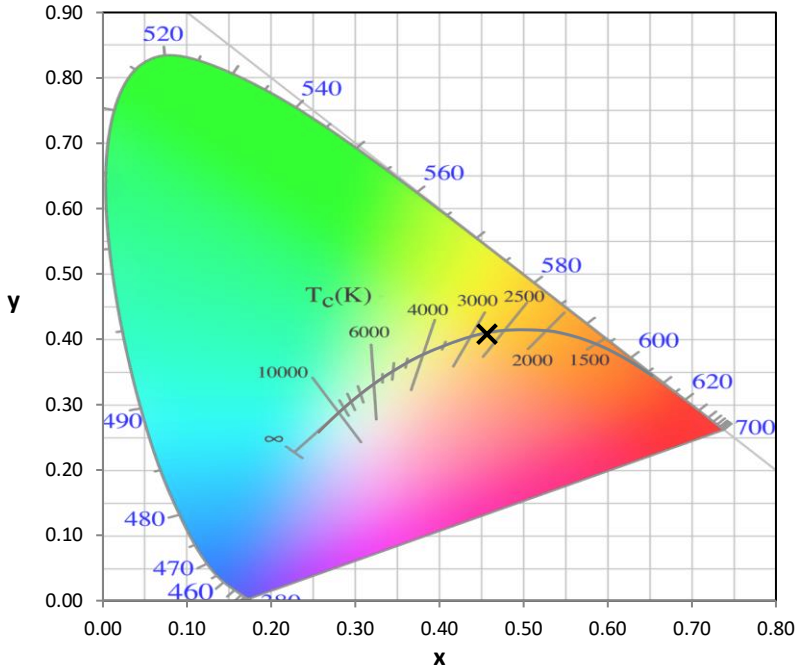
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

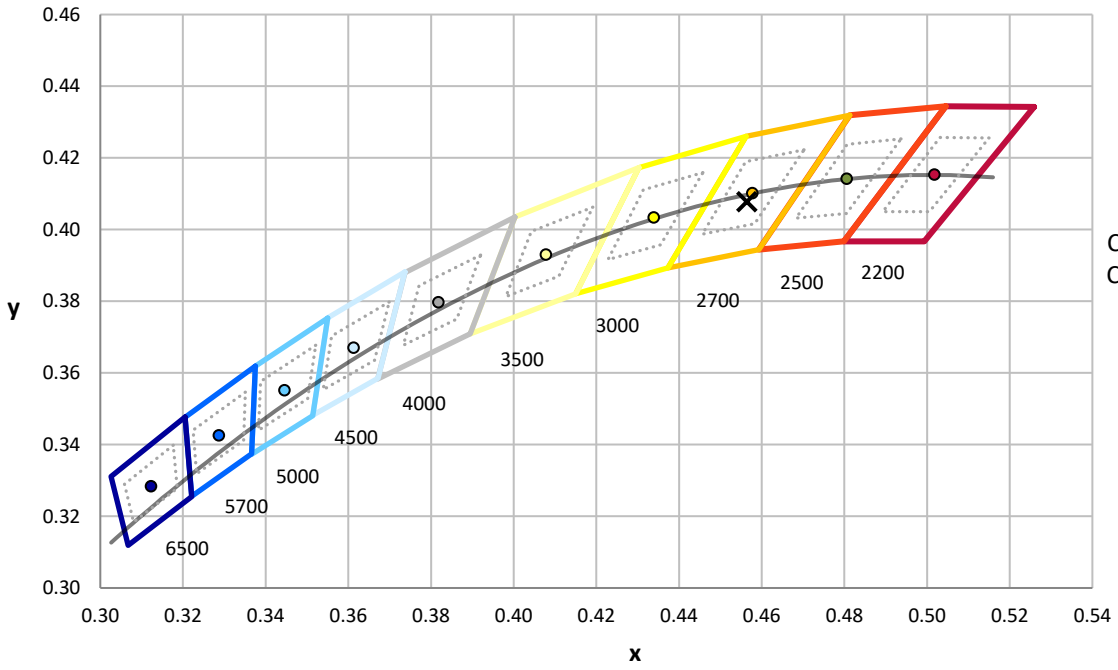
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

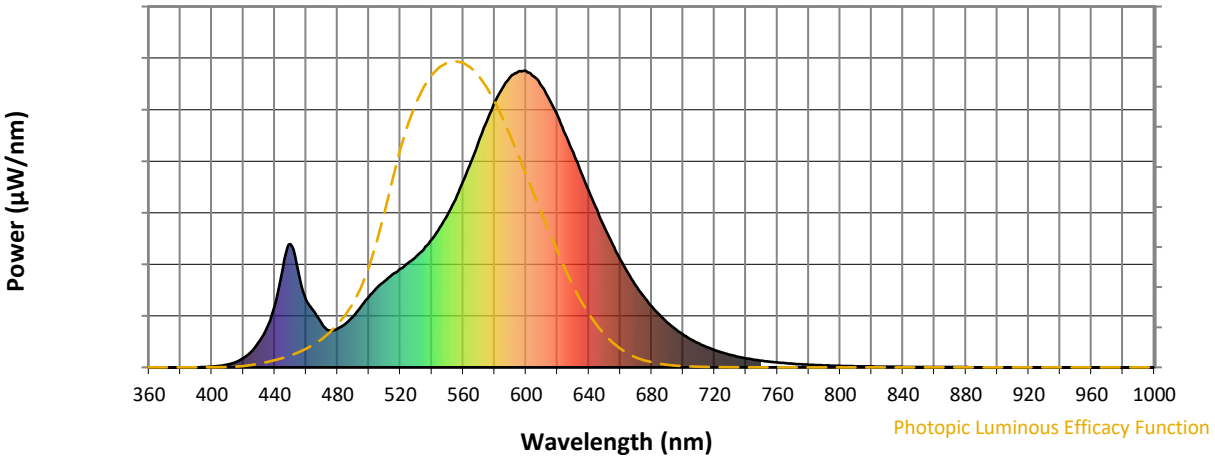


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

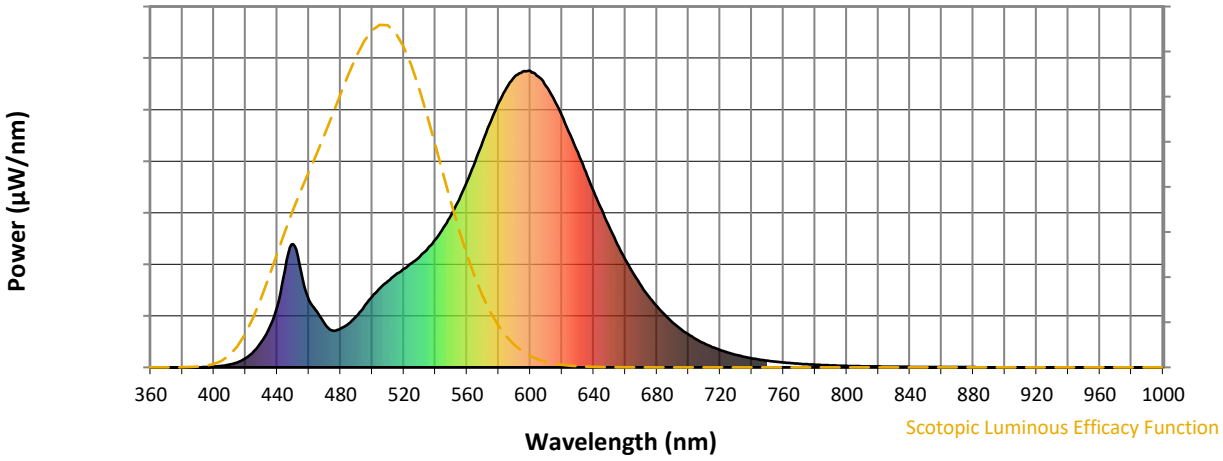


Photopic Lumens: NR

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

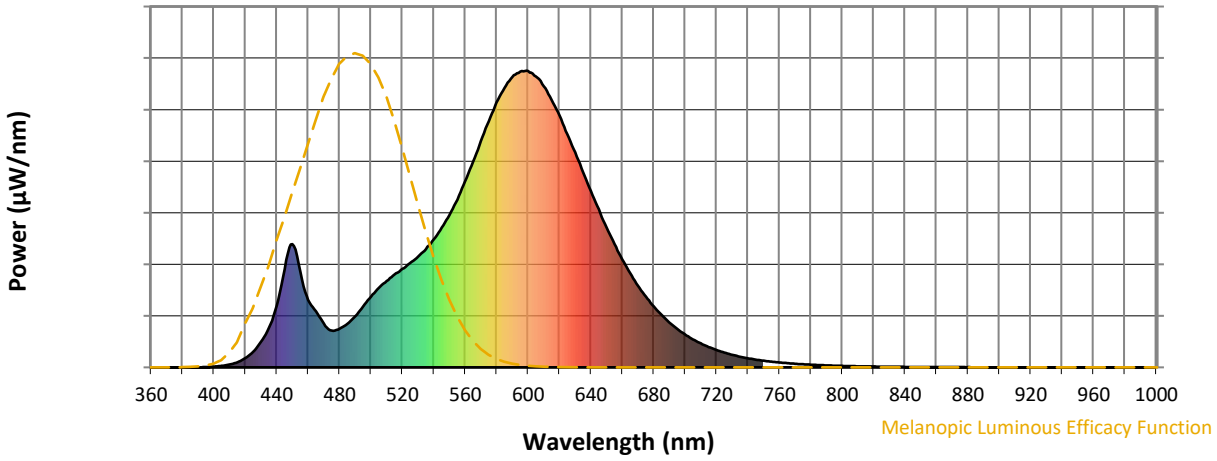


Scotopic Lumens: NR **S/P: 1.16**

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			

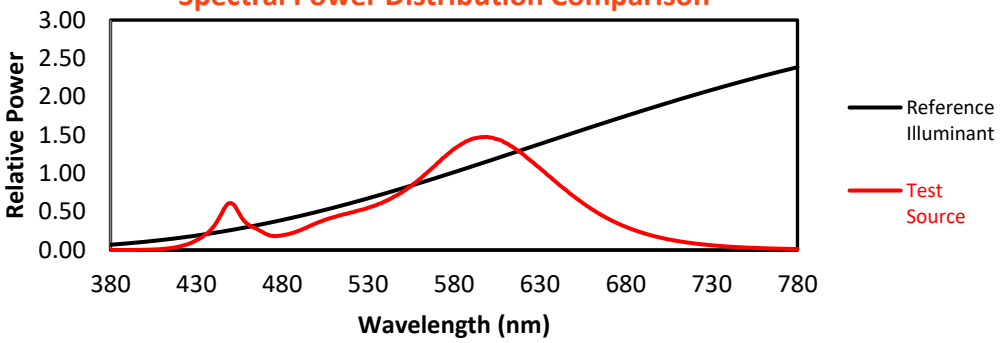
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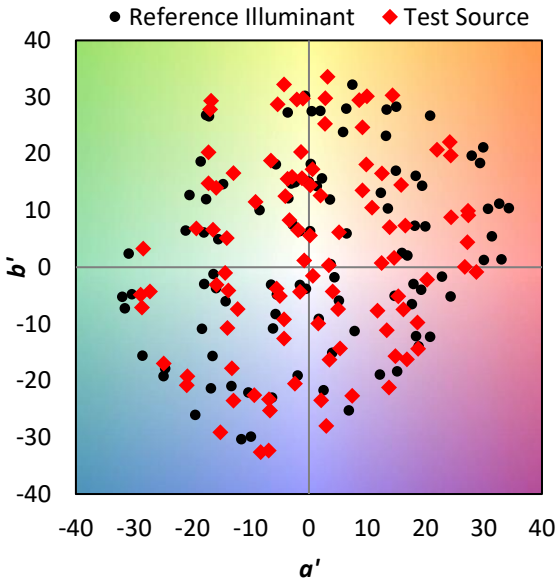
Summary

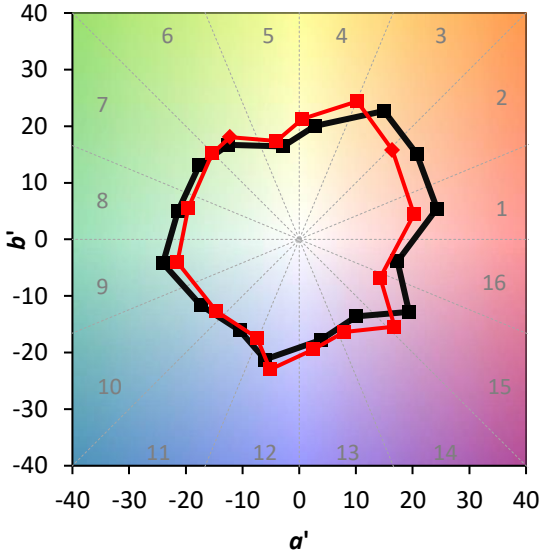
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

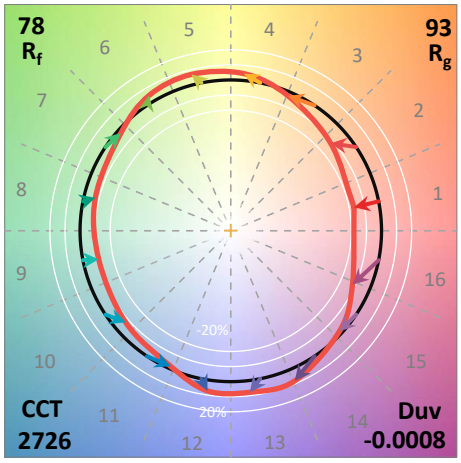
Spectral Power Distribution Comparison

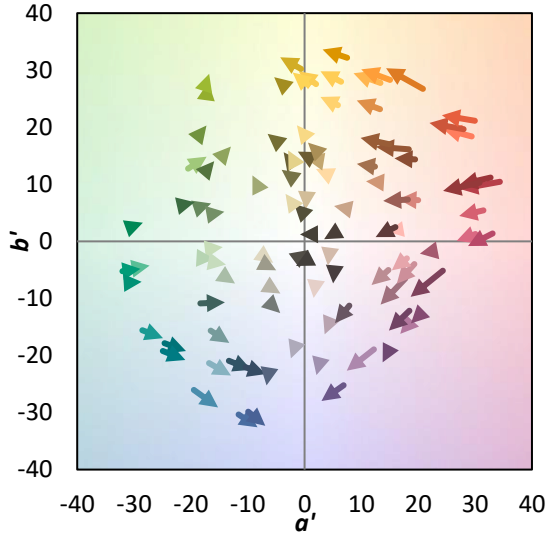


Color Vector Graphics







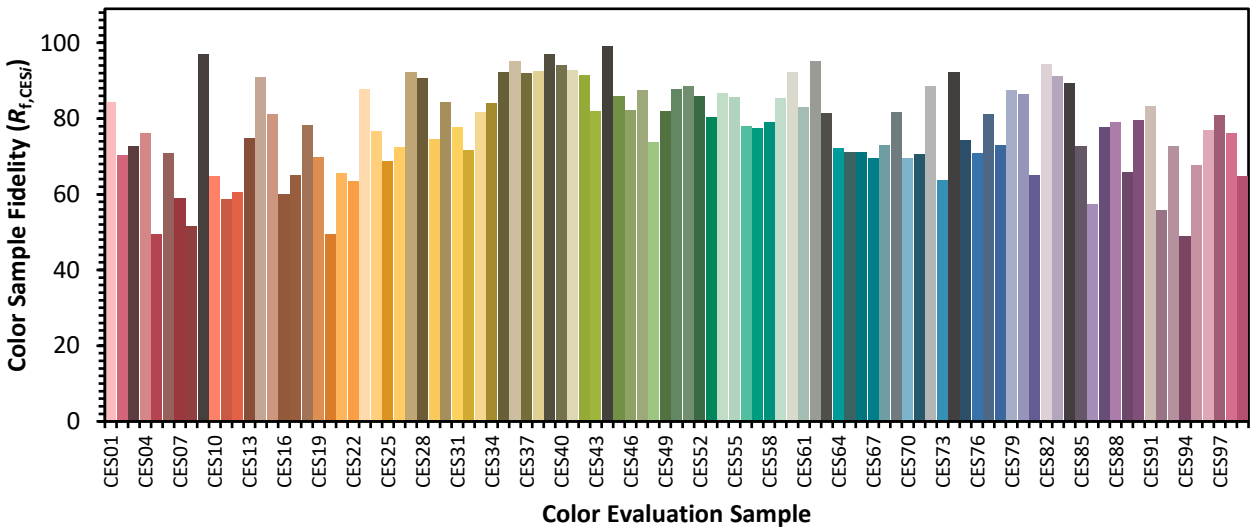


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Individual Sample Fidelity Index ($R_{f,i}$)

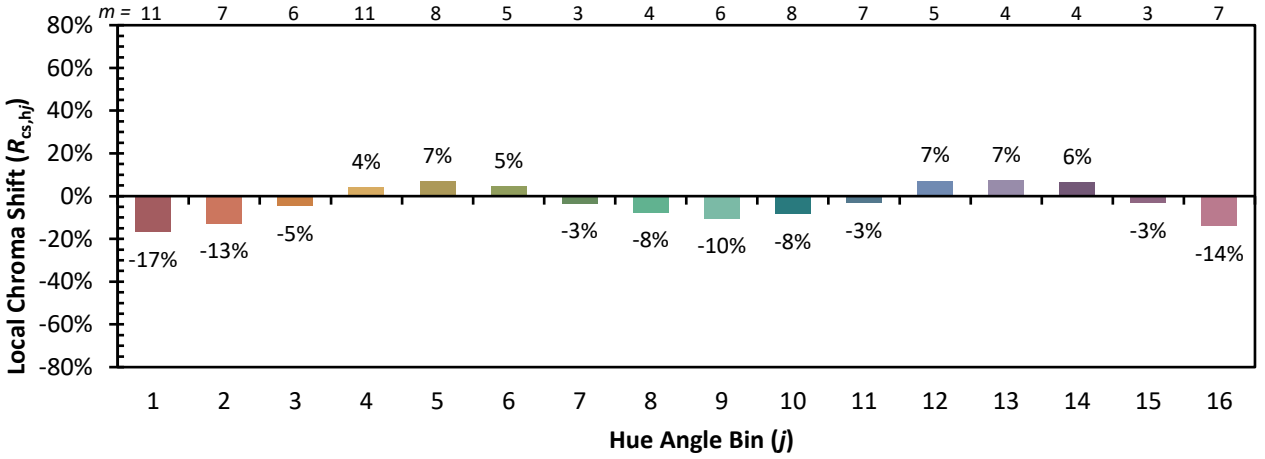
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82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

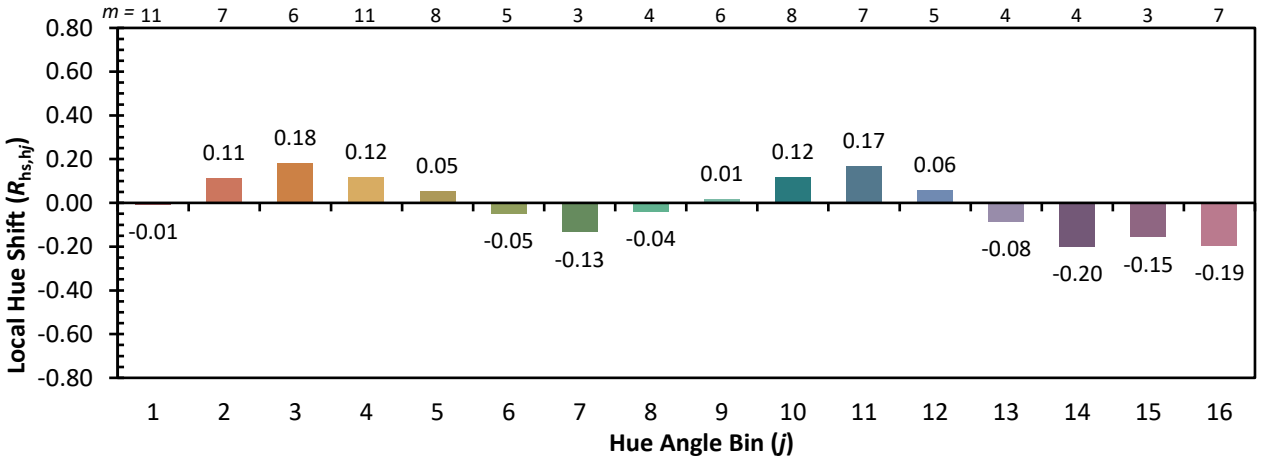


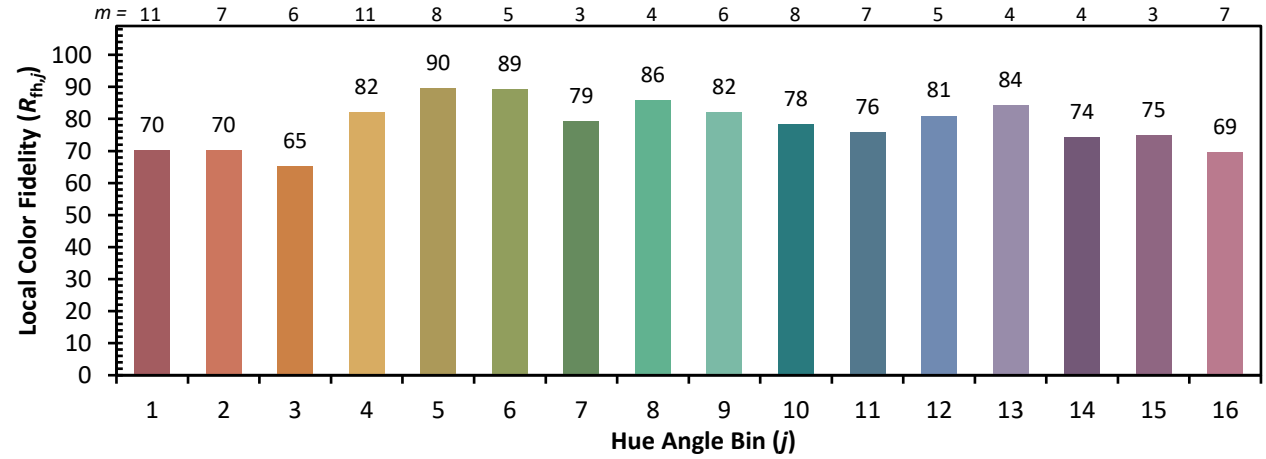
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Color Rendition by Hue-Angle Bin



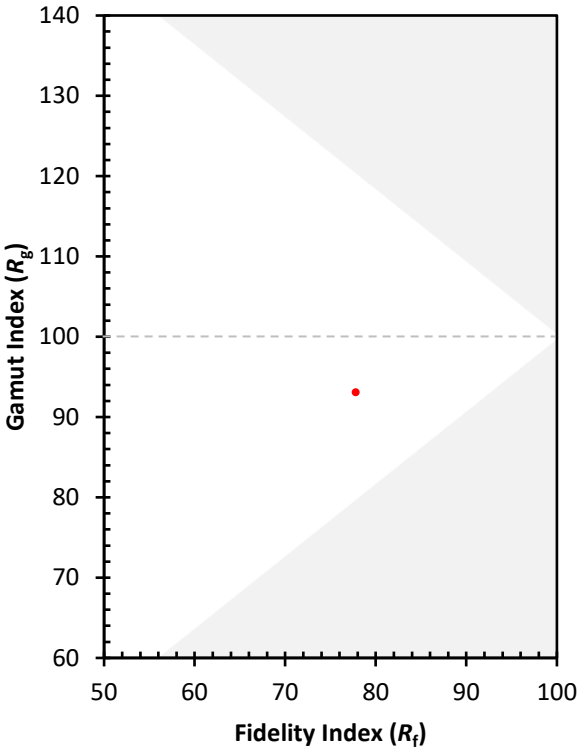


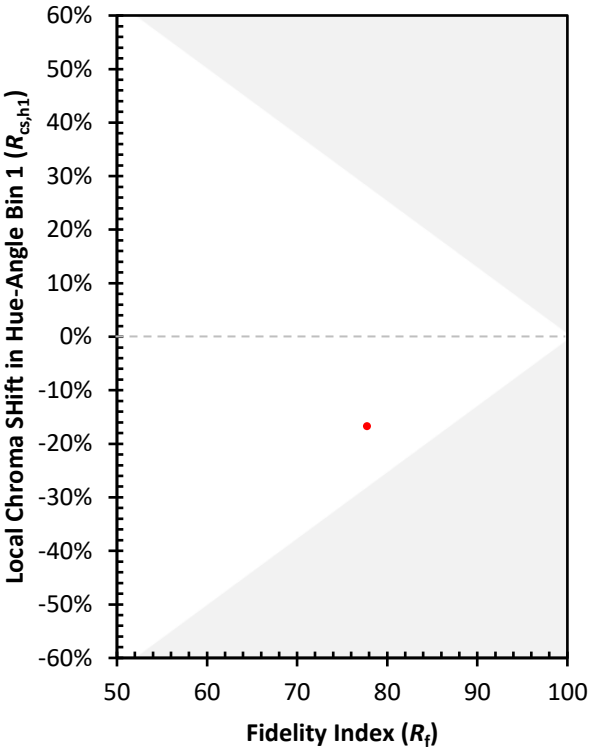


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Measure Comparisons





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