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: P981058

Luminaire Tested: **FFX-CLB-70-727-U-FR-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:	P981058
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
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10608.8 lumens
Efficiency:	N/A
Efficacy:	149.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - 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

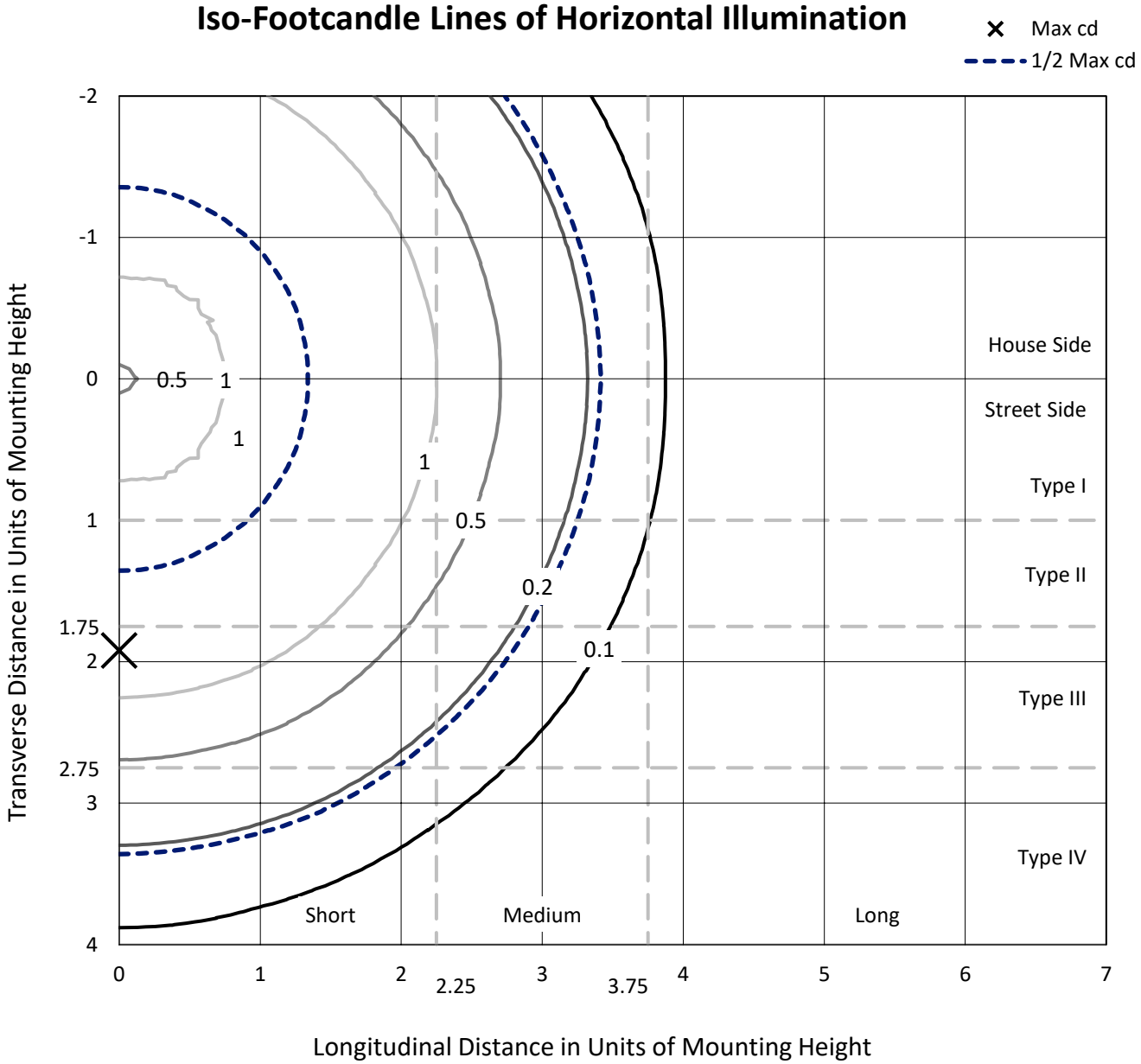


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REPORT NUMBER: P981058
CATALOG NUMBER: FFX-CLB-70-727-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



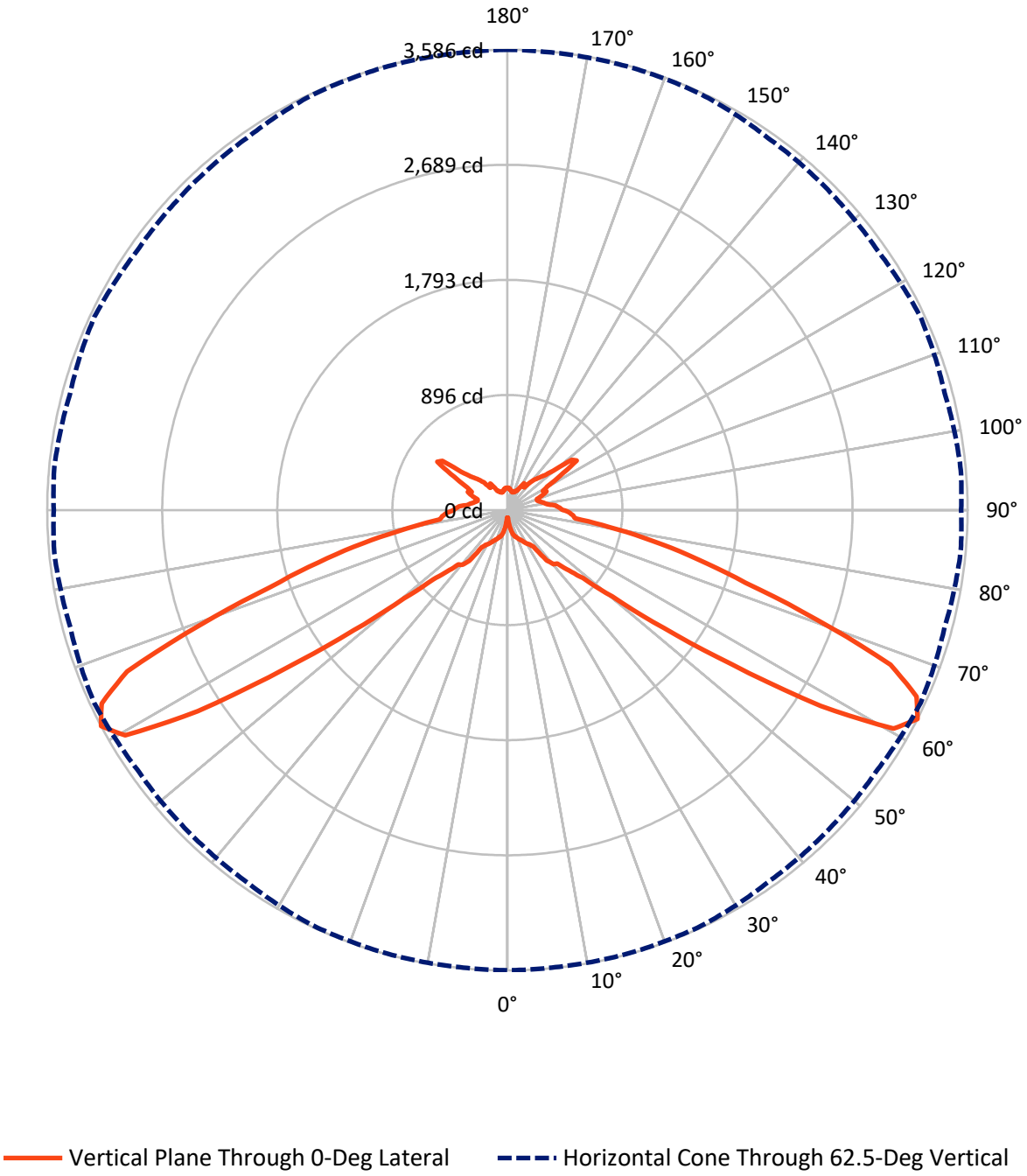
Based on 15 foot mounting height. Maximum calculated value = 2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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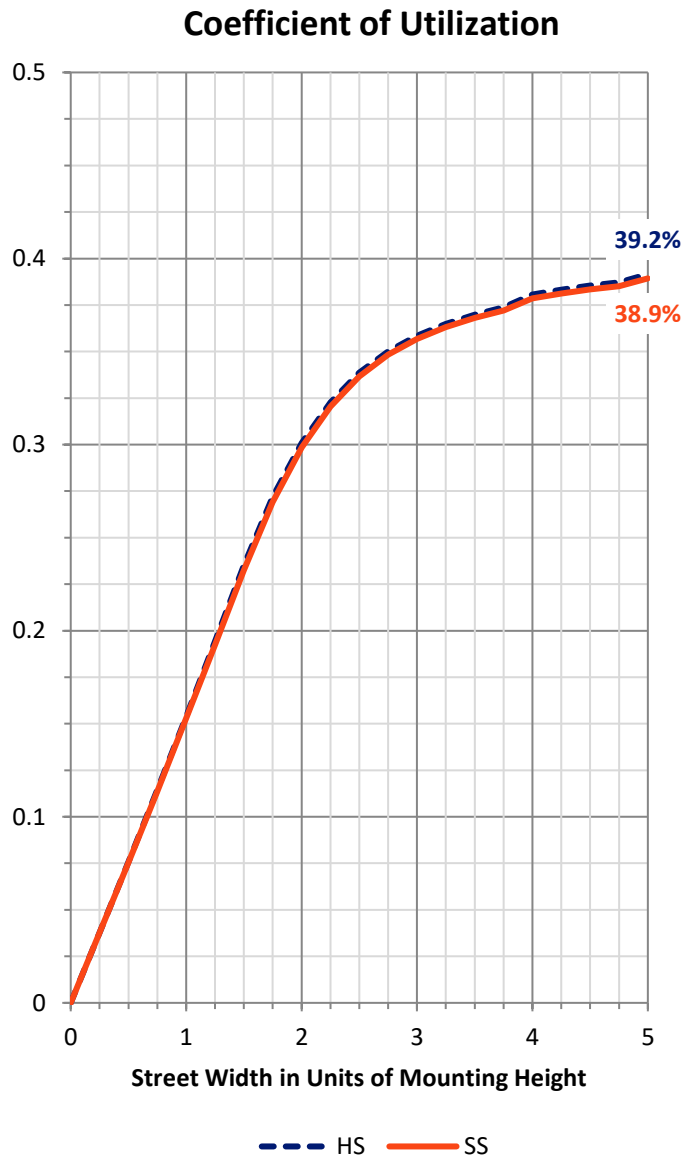
REPORT NUMBER: P981058
CATALOG NUMBER: FFX-CLB-70-727-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4296.2	1008.2	5304.4
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	4296.2	1008.2	5304.4
	% Fixture	40.5	9.5	50.0
Total	Lumens	8592.5	2016.3	10608.8
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.9	0.1
10°-20°	59.0	0.6
20°-30°	125.3	1.2
30°-40°	253.4	2.4
40°-50°	566.1	5.3
50°-60°	1996.6	18.8
60°-70°	3267.6	30.8
70°-80°	1681.0	15.8
80°-90°	632.5	6.0
90°-100°	407.1	3.8
100°-110°	271.5	2.6
110°-120°	291.5	2.7
120°-130°	477.1	4.5
130°-140°	285.5	2.7
140°-150°	148.4	1.4
150°-160°	77.6	0.7
160°-170°	42.0	0.4
170°-180°	15.8	0.1
0°-90°	8592.5	81.0
0°-180°	10608.8	100.0



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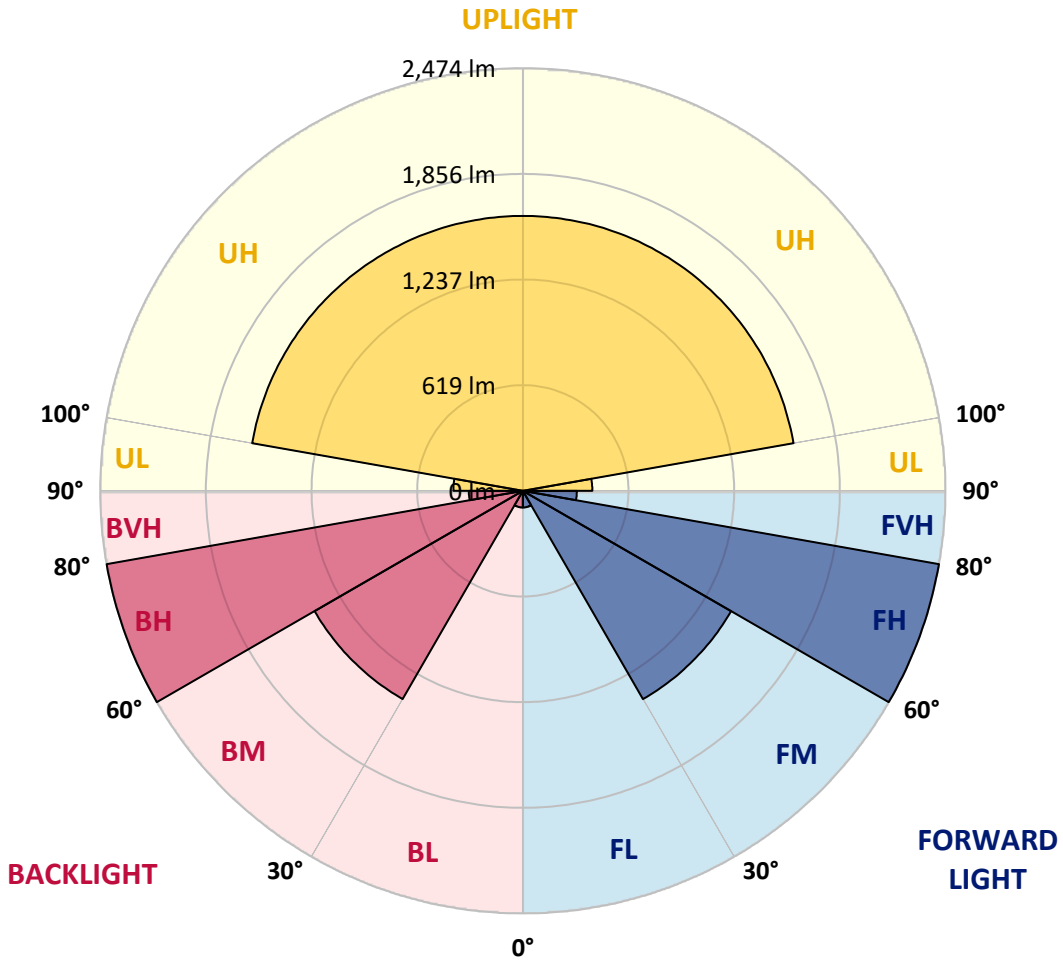
Scaled Data Report

REPORT NUMBER: P981058
CATALOG NUMBER: FFX-CLB-70-727-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	97.6	0.9			
FM	(30°-60°)	1408.0	13.3			
FH	(60°-80°)	2474.3	23.3			G2/5000
FVH	(80°-90°)	316.2	3.0			G3/500
BL	(0°-30°)	97.6	0.9	B0/110		
BM	(30°-60°)	1408.0	13.3	B2/2500		
BH	(60°-80°)	2474.3	23.3	B3/2500		G2/5000
BVH	(80°-90°)	316.2	3.0			G3/500
UL	(90°-100°)	407.1	3.8		U3/500	
UH	(100°-180°)	1609.3	15.2		U5	

BUG Rating: B3-U5-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
2.5°	60.4	61.1	63.2	64.5	65.2	63.8	64.5	65.9	65.9	66.5	66.5
5°	89.6	90.3	89.6	89.0	88.3	89.6	90.3	89.6	87.6	88.3	87.6
7.5°	132.4	132.4	127.0	125.6	124.3	130.4	133.8	132.4	125.6	119.5	118.2
10°	163.0	162.3	157.5	151.4	150.8	154.8	163.7	165.7	154.8	147.4	146.0
12.5°	193.5	188.8	186.1	180.0	180.6	183.3	189.5	190.1	182.7	176.6	172.5
15°	211.9	212.5	212.5	209.2	207.8	210.5	213.2	215.3	209.8	205.1	202.4
17.5°	220.0	220.7	222.7	224.8	224.8	223.4	223.4	224.1	224.1	224.1	223.4
20°	237.0	237.7	237.0	238.4	240.4	239.0	237.0	237.7	237.0	237.7	237.0
22.5°	250.6	249.9	249.9	251.9	253.3	252.6	250.6	251.3	249.9	250.6	250.6
25°	264.8	265.5	266.9	267.6	268.2	268.2	267.6	268.9	268.2	266.9	266.9
27.5°	284.5	284.5	284.5	284.5	287.2	287.2	285.9	286.6	284.5	283.2	282.5
30°	303.5	304.2	302.9	304.2	306.9	305.6	304.9	306.3	303.5	302.9	302.9
32.5°	321.2	321.2	320.5	324.6	325.3	323.9	326.0	327.3	328.7	328.0	331.4
35°	351.1	352.4	364.0	374.2	377.6	376.9	379.6	381.0	378.2	378.2	376.2
37.5°	495.7	495.0	478.7	463.1	470.6	480.1	470.6	467.9	462.4	459.7	458.4
40°	553.4	553.4	538.5	539.9	534.4	535.1	538.5	549.4	543.3	532.4	533.1
42.5°	571.1	576.5	594.2	626.1	614.6	596.2	574.5	582.0	597.6	607.1	609.1
45°	671.6	679.1	680.4	679.1	673.6	681.1	675.7	679.8	681.8	694.0	699.4
47.5°	789.8	787.0	787.7	804.7	798.6	803.3	813.5	812.2	821.0	819.6	824.4
50°	1058.7	1066.1	1055.3	1077.0	1082.4	1074.3	1113.7	1113.7	1117.8	1100.1	1102.1
52.5°	1521.8	1504.1	1504.1	1509.6	1510.9	1536.1	1563.9	1563.2	1573.4	1563.9	1585.0
55°	2118.0	2114.0	2122.8	2185.9	2192.7	2171.0	2177.1	2149.3	2238.9	2215.8	2232.8
57.5°	2876.6	2886.7	2875.2	2875.9	2870.4	2864.3	2898.3	2840.6	2884.0	2835.1	2836.5
60°	3457.2	3443.6	3405.6	3330.9	3324.7	3347.1	3385.2	3387.2	3343.8	3316.6	3293.5
62.5°	3585.5	3580.8	3579.4	3573.3	3538.6	3529.1	3521.7	3552.2	3526.4	3546.1	3534.6
65°	3503.3	3483.0	3501.3	3530.5	3508.1	3464.0	3425.9	3478.9	3461.9	3535.3	3497.2
67.5°	3218.8	3199.8	3192.3	3250.0	3222.2	3152.3	3126.5	3138.7	3119.0	3199.8	3184.9
70°	2554.7	2555.4	2570.3	2645.0	2617.1	2565.5	2534.3	2542.4	2562.1	2630.0	2611.0
72.5°	1938.1	1934.0	1951.7	1970.7	1972.0	1968.0	1959.8	1965.9	1977.5	2014.8	2024.3
75°	1529.3	1527.9	1499.4	1509.6	1505.5	1523.8	1551.0	1546.9	1553.0	1524.5	1516.4
77.5°	1157.1	1158.5	1147.6	1142.9	1138.8	1168.7	1212.1	1214.2	1185.0	1163.9	1155.1
80°	800.6	806.1	838.7	839.3	845.4	845.4	880.1	876.0	865.8	865.1	865.1
82.5°	531.0	540.5	573.8	611.8	618.0	610.5	629.5	634.9	647.8	657.3	660.1
85°	510.7	527.6	516.8	533.1	533.8	538.5	546.0	548.7	547.3	549.4	545.3
87.5°	478.1	499.1	496.4	507.3	510.0	517.5	525.6	529.0	522.2	516.8	515.4
90°	424.4	444.1	453.6	462.4	465.2	463.1	468.6	469.9	469.2	463.1	461.8
92.5°	402.0	409.5	414.9	421.7	429.9	425.1	428.5	425.1	430.5	429.2	430.5
95°	373.5	376.2	372.8	376.9	378.2	373.5	372.8	372.8	370.1	366.7	368.1
97.5°	315.8	320.5	319.2	319.2	319.8	317.8	318.5	317.8	319.2	317.1	316.4
100°	294.7	294.7	293.4	292.7	292.0	290.0	289.3	287.2	287.2	285.2	283.9
102.5°	273.0	275.0	273.0	272.3	272.3	268.9	269.6	269.6	268.2	267.6	264.2
105°	257.4	256.7	255.3	252.6	249.9	249.9	251.3	250.6	248.5	247.9	245.1
107.5°	243.1	241.7	239.7	235.6	234.3	235.0	237.0	237.7	237.0	234.3	232.2
110°	245.8	243.8	240.4	239.0	241.1	242.4	243.1	244.5	248.5	249.9	247.2

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

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*296.1*	292.7	290.6	281.8	288.6	290.0	288.6	289.3	291.3	288.6	290.0
115°	*338.2*	341.6	342.3	315.1	315.8	311.7	307.6	306.3	300.2	304.9	320.5
117.5°	*312.4*	323.2	299.5	287.2	279.8	277.1	283.9	285.2	279.1	286.6	309.0
120°	*358.6*	363.3	314.4	290.6	290.0	301.5	319.8	325.3	318.5	332.7	358.6
122.5°	*486.9*	483.5	478.7	482.8	472.0	471.3	486.2	484.2	465.8	467.9	474.0
125°	*663.5*	662.1	653.3	644.4	637.0	641.0	634.9	627.5	613.9	611.8	611.8
127.5°	*634.9*	634.9	628.8	624.1	616.6	617.3	616.6	603.0	597.6	598.3	598.3
130°	*467.2*	467.9	486.9	503.9	499.1	501.2	488.9	484.9	502.5	518.8	518.8
132.5°	*395.9*	397.3	418.3	431.2	424.4	410.8	397.9	399.3	410.2	426.5	425.8
135°	*353.8*	356.5	357.9	356.5	352.4	349.0	348.4	351.8	354.5	366.0	368.7
137.5°	*320.5*	318.5	311.7	305.6	300.8	309.7	315.1	313.7	311.0	309.0	310.3
140°	*281.8*	279.1	269.6	268.2	271.0	275.0	276.4	277.7	278.4	277.1	276.4
142.5°	*220.0*	222.1	230.9	241.7	242.4	235.6	236.3	236.3	239.0	242.4	241.1
145°	*220.7*	222.1	225.5	233.6	233.6	228.2	226.1	228.2	234.3	241.1	241.1
147.5°	*245.8*	243.8	239.0	237.0	235.0	234.3	234.3	229.5	230.2	230.2	230.2
150°	*209.2*	208.5	205.8	204.4	203.7	203.0	206.4	205.8	207.1	205.8	205.1
152.5°	*172.5*	171.8	169.1	167.1	167.7	171.8	177.2	179.3	177.9	175.2	173.8
155°	*163.7*	164.3	160.3	158.9	159.6	161.6	163.0	163.0	160.3	156.9	156.9
157.5°	*154.8*	155.5	153.5	152.1	152.8	154.1	156.2	156.9	154.8	152.1	151.4
160°	*148.0*	147.4	146.7	146.7	146.7	146.7	147.4	148.0	147.4	146.7	146.0
162.5°	*144.6*	144.6	144.6	144.6	145.3	144.6	144.6	144.6	144.6	144.6	144.6
165°	*144.0*	144.0	144.6	146.0	146.7	146.0	146.0	146.0	146.7	148.0	148.0
167.5°	*150.1*	149.4	151.4	152.1	152.8	152.1	151.4	150.8	151.4	152.8	152.8
170°	*156.9*	157.5	157.5	158.2	158.2	157.5	156.9	157.5	156.9	157.5	157.5
172.5°	*163.7*	163.7	163.7	163.0	163.0	163.0	163.0	163.0	163.0	162.3	162.3
175°	*169.1*	169.1	169.1	169.1	168.4	169.1	169.8	169.8	169.1	169.1	167.7
177.5°	*173.8*	173.8	173.8	173.8	173.8	173.8	173.8	173.2	173.2	173.2	172.5
180°	*174.5*	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5	174.5

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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

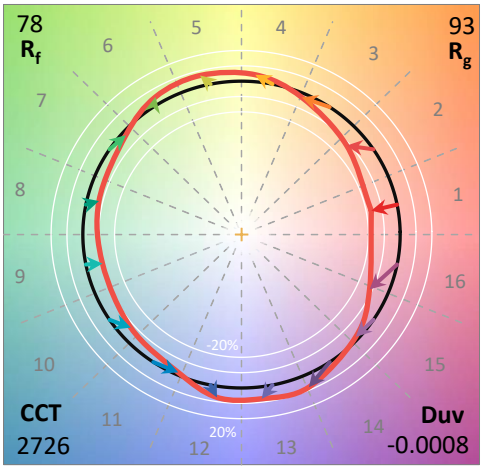
Test Information

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

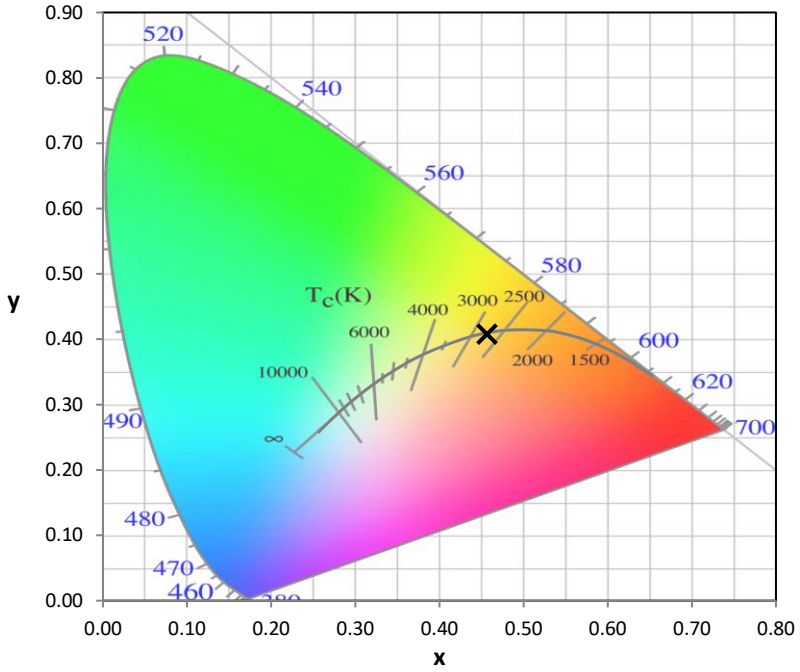
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

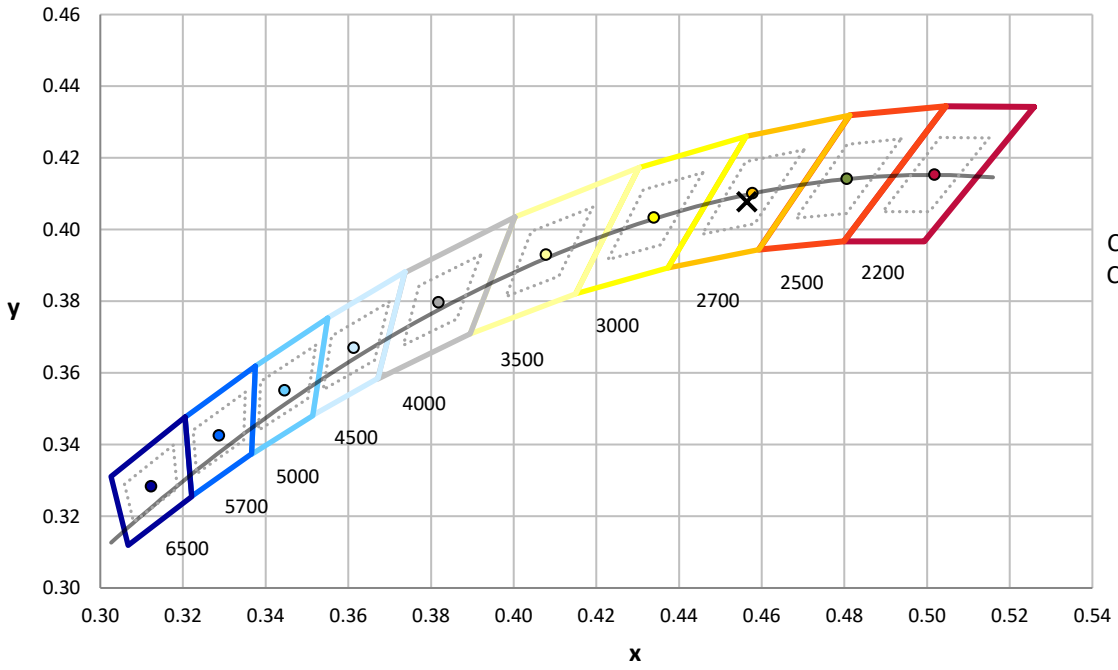
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

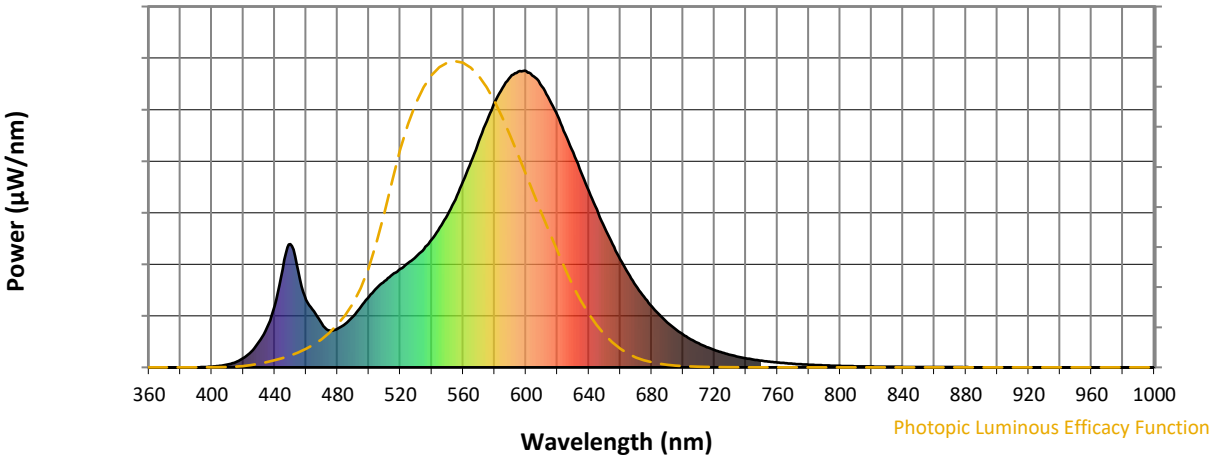


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

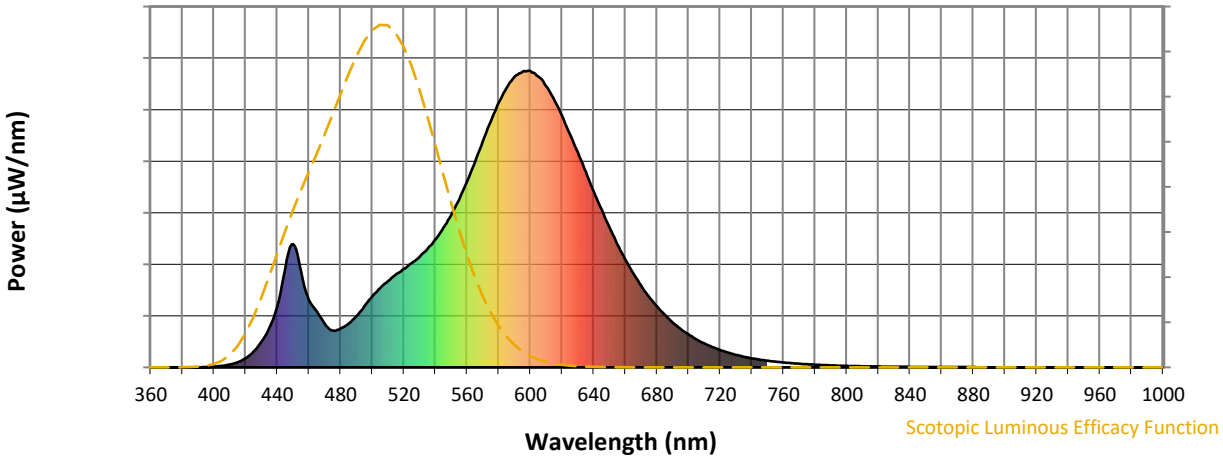


Photopic Lumens: NR

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

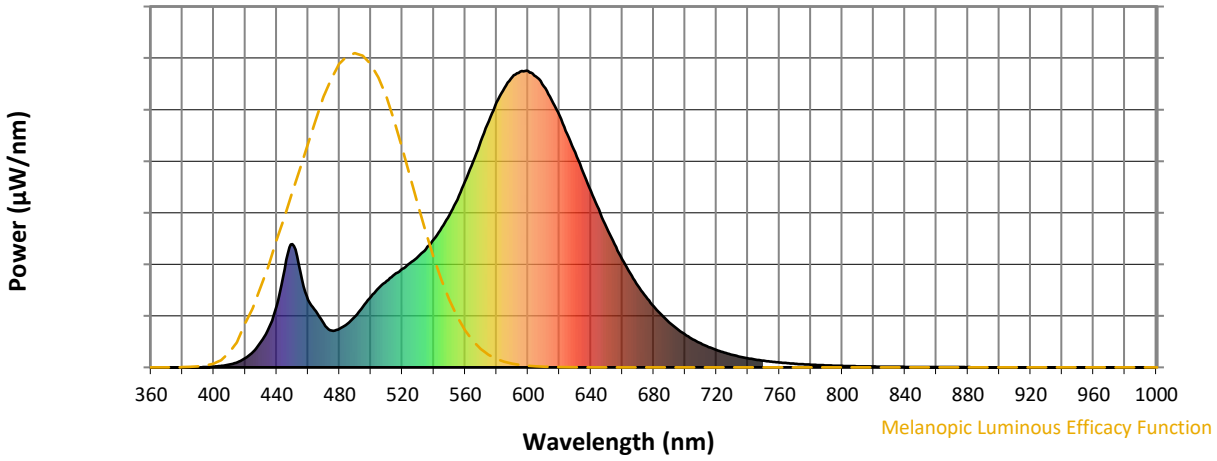


Scotopic Lumens: NR **S/P: 1.16**

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			

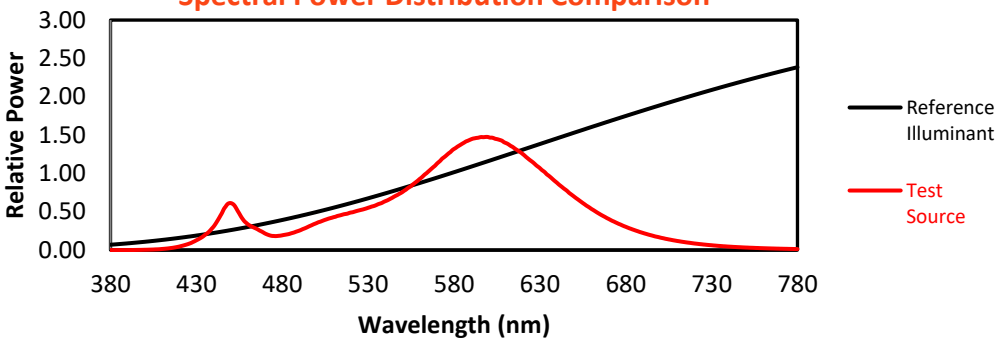
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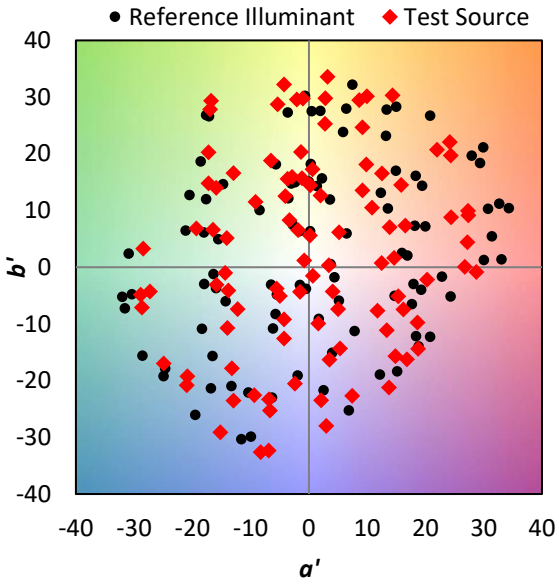
Summary

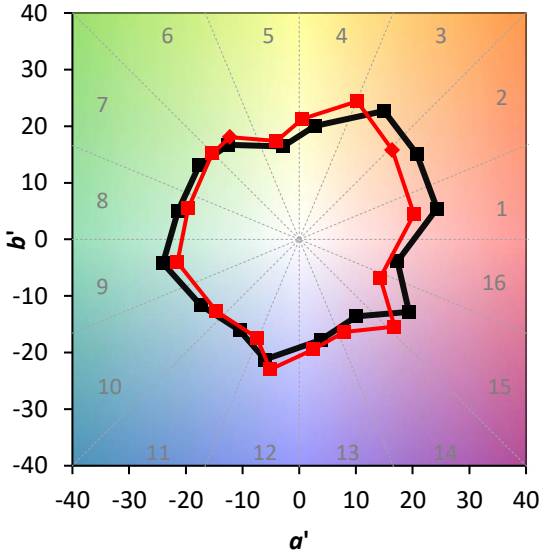
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

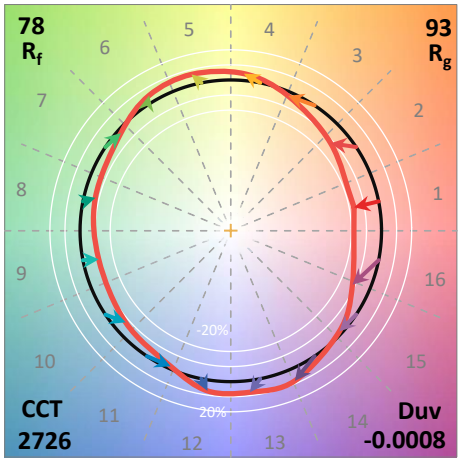
Spectral Power Distribution Comparison

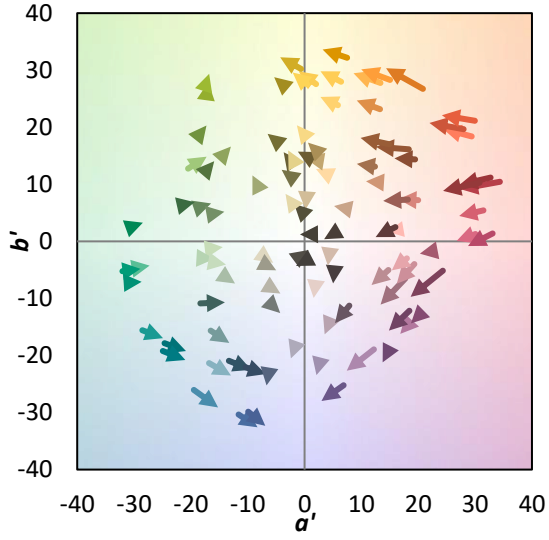


Color Vector Graphics







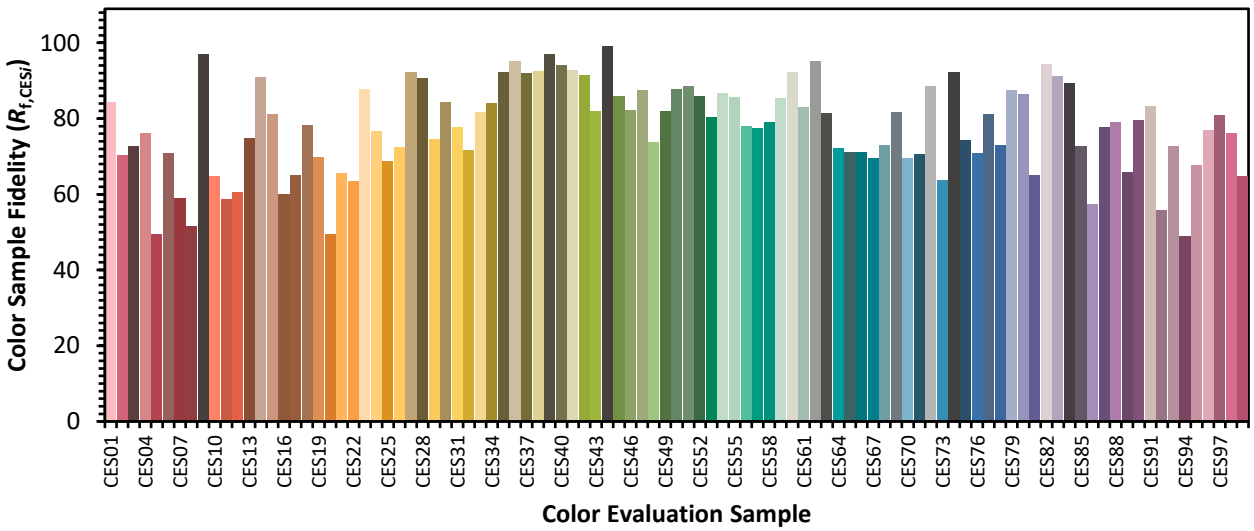


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Individual Sample Fidelity Index ($R_{f,i}$)

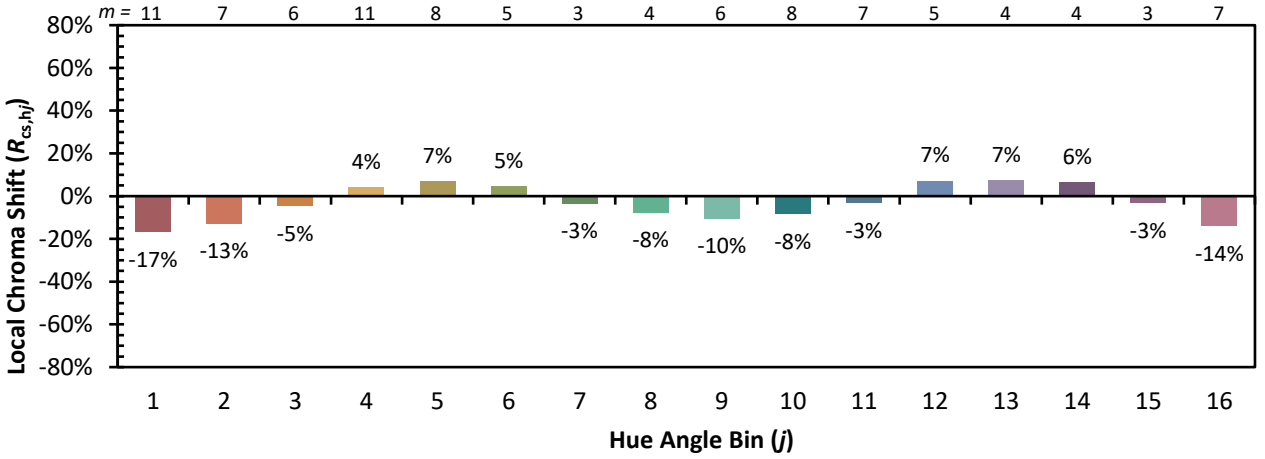
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82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

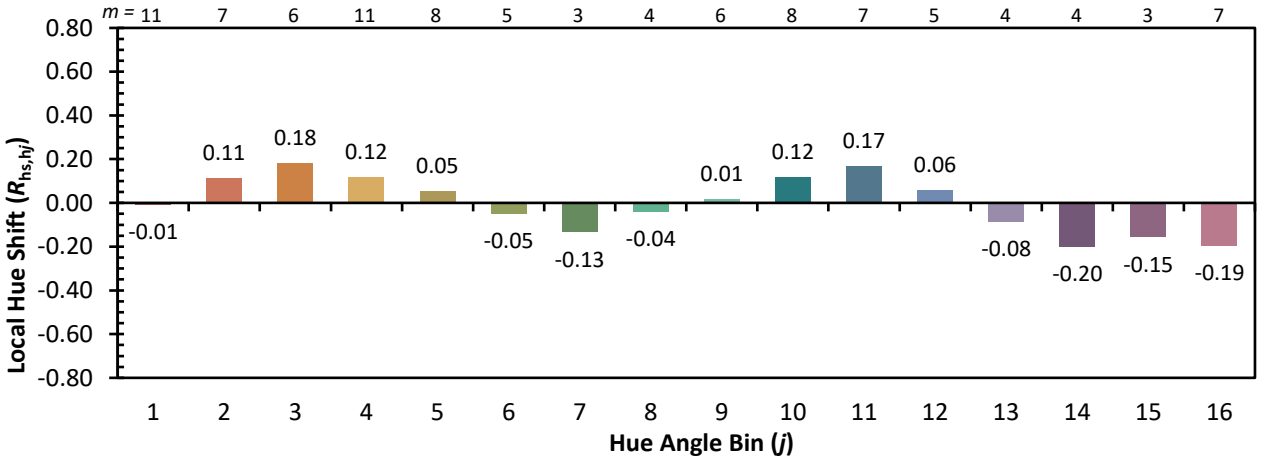


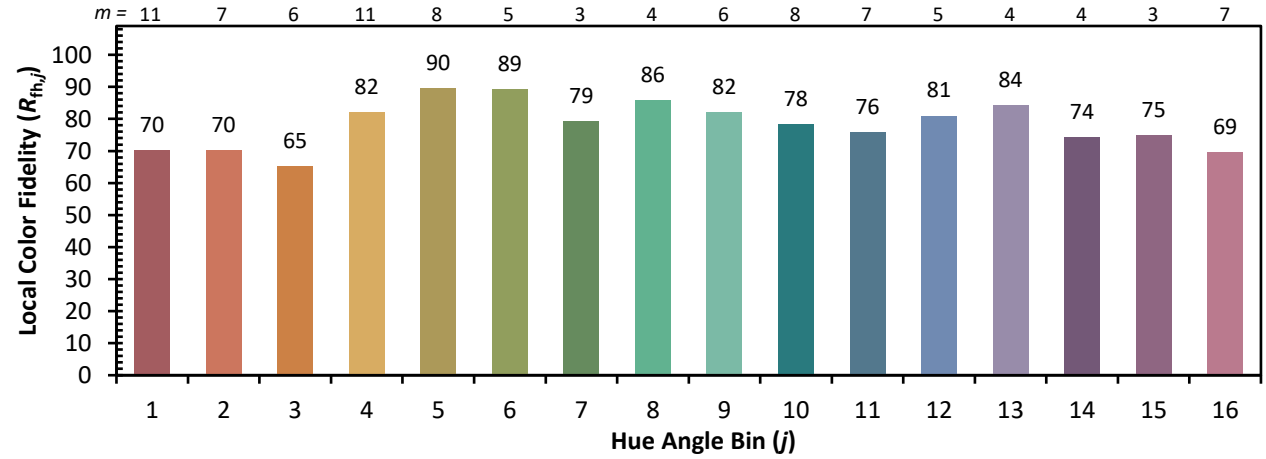
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Color Rendition by Hue-Angle Bin



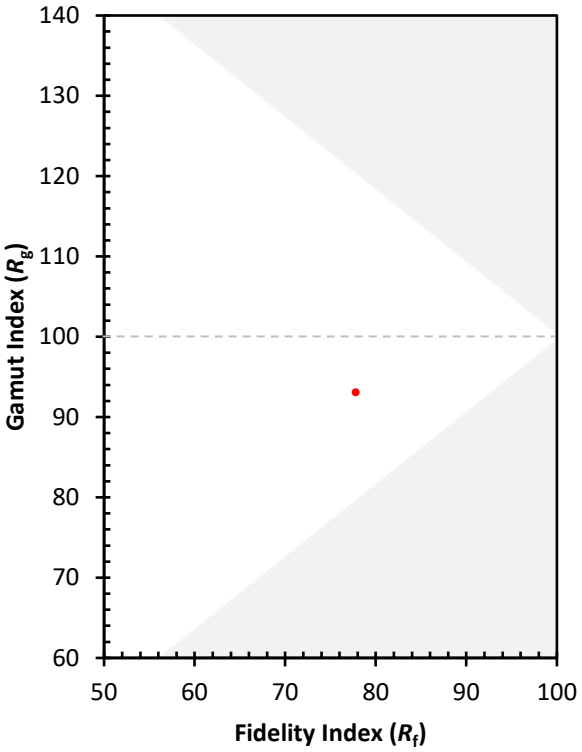


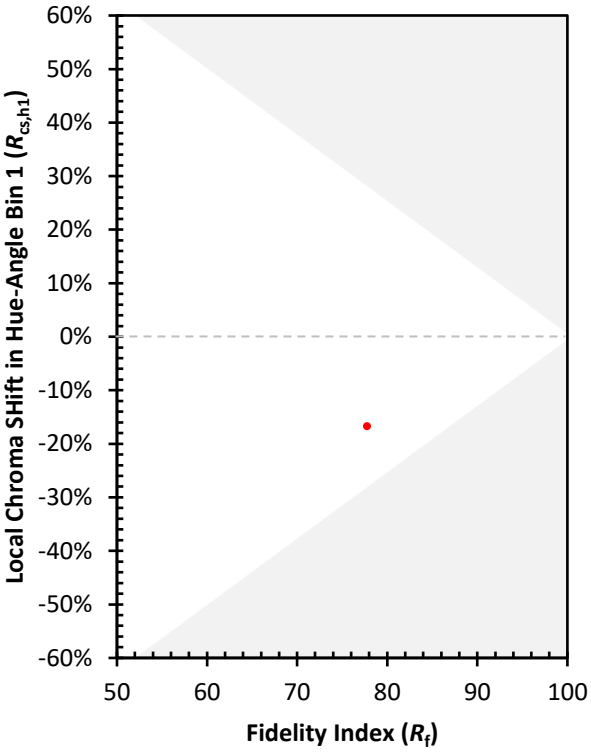


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Measure Comparisons





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