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: P981112

Luminaire Tested: **FFX-CLB-70-730-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:	P981112
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-70-730-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10621.2 lumens
Efficiency:	N/A
Efficacy:	149.2 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

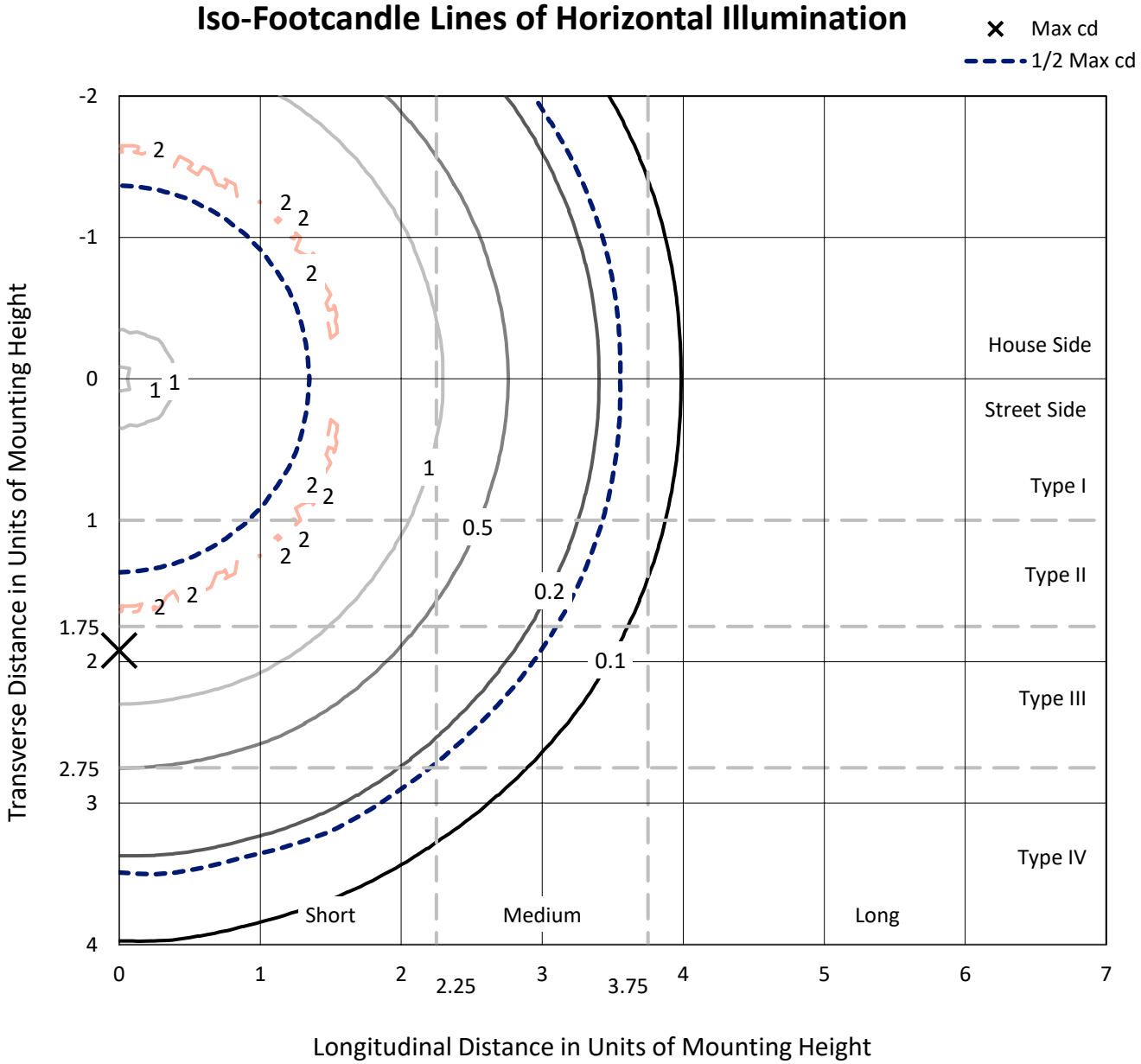


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REPORT NUMBER: P981112
CATALOG NUMBER: FFX-CLB-70-730-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



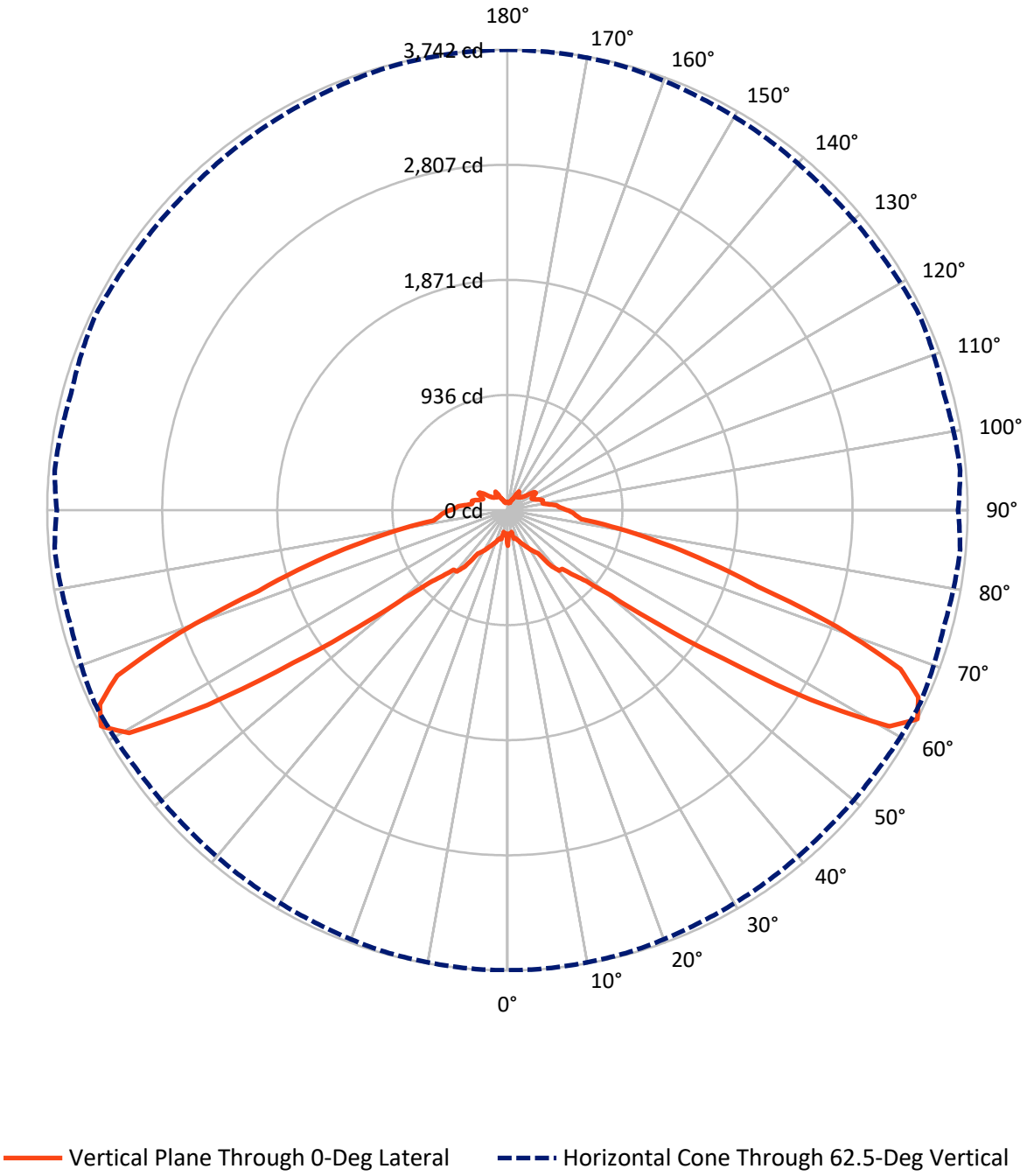
Based on 15 foot mounting height. Maximum calculated value = 2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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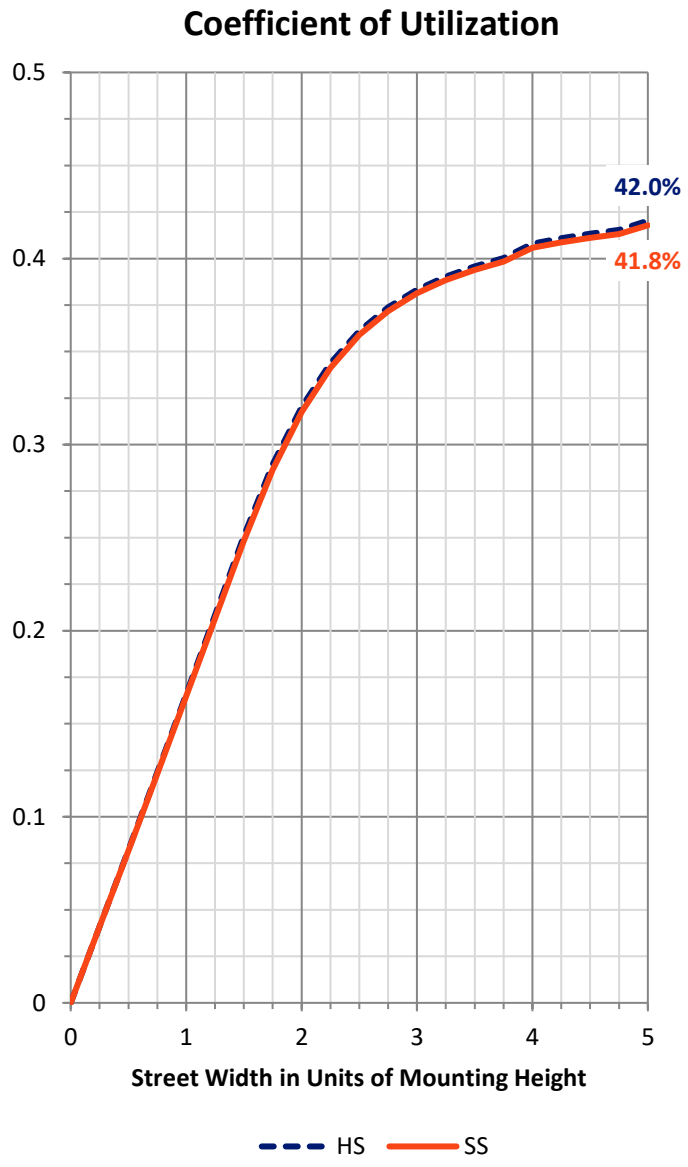
REPORT NUMBER: P981112
CATALOG NUMBER: FFX-CLB-70-730-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4622.8	687.8	5310.6
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	4622.8	687.8	5310.6
	% Fixture	43.5	6.5	50.0
Total	Lumens	9245.6	1375.7	10621.2
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.1	0.2
10°-20°	67.3	0.6
20°-30°	147.6	1.4
30°-40°	303.3	2.9
40°-50°	626.4	5.9
50°-60°	2045.8	19.3
60°-70°	3449.3	32.5
70°-80°	1877.6	17.7
80°-90°	710.1	6.7
90°-100°	431.6	4.1
100°-110°	272.3	2.6
110°-120°	207.1	1.9
120°-130°	177.0	1.7
130°-140°	119.0	1.1
140°-150°	98.0	0.9
150°-160°	46.3	0.4
160°-170°	18.3	0.2
170°-180°	6.0	0.1
0°-90°	9245.6	87.0
0°-180°	10621.2	100.0



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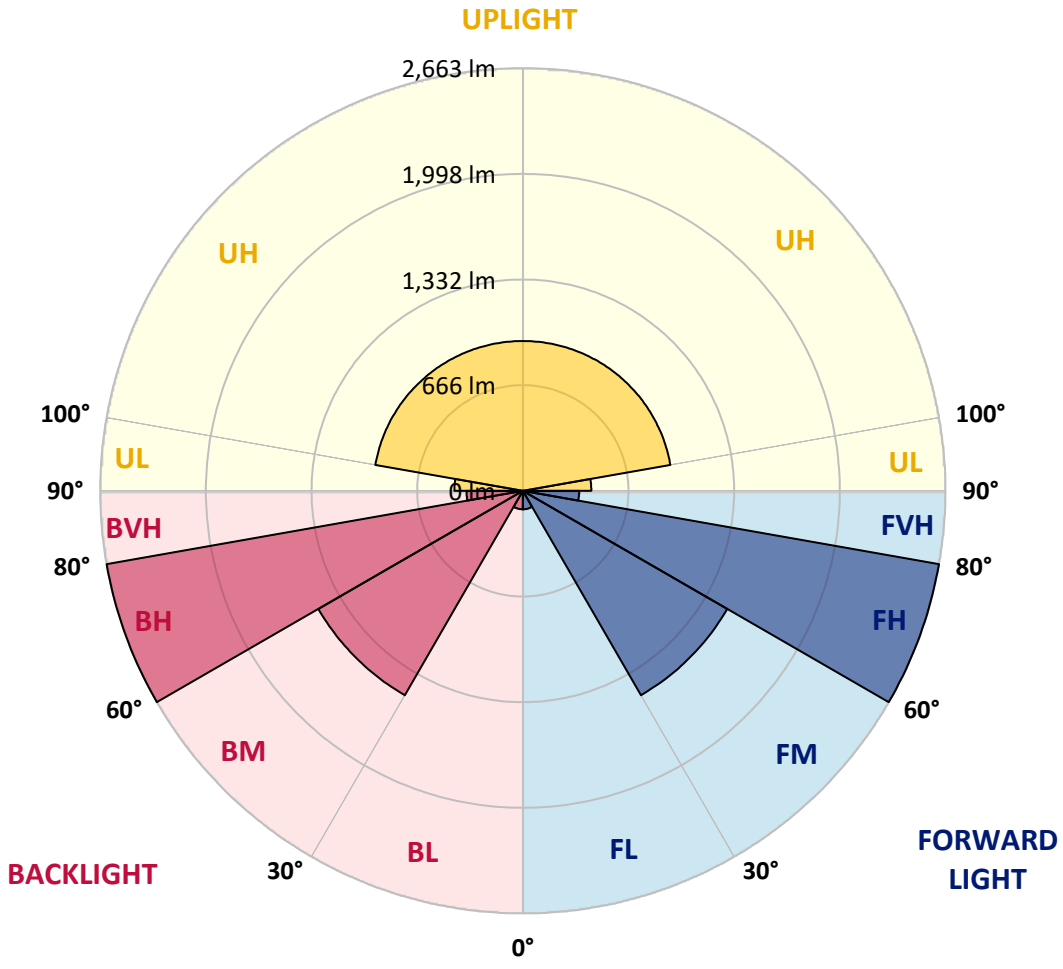
Scaled Data Report

REPORT NUMBER: P981112
CATALOG NUMBER: FFX-CLB-70-730-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°)	116.5	1.1			
FM	(30°-60°)	1487.8	14.0			
FH	(60°-80°)	2663.5	25.1			G2/5000
FVH	(80°-90°)	355.0	3.3			G3/500
BL	(0°-30°)	116.5	1.1	B1/500		
BM	(30°-60°)	1487.8	14.0	B2/2500		
BH	(60°-80°)	2663.5	25.1	B4/5000		G2/5000
BVH	(80°-90°)	355.0	3.3			G3/500
UL	(90°-100°)	431.6	4.1		U3/500	
UH	(100°-180°)	944.0	8.9		U4/1000	

BUG Rating: B4-U4-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2
2.5°	192.6	200.3	243.0	278.0	277.3	252.8	221.3	224.1	243.0	259.8	264.0
5°	194.0	191.2	189.1	180.7	177.9	182.1	179.3	170.9	167.4	168.1	181.4
7.5°	201.7	198.2	177.9	162.5	160.4	169.5	189.1	189.1	168.1	152.0	151.3
10°	181.4	180.7	187.7	194.7	196.8	188.4	180.0	175.8	174.4	173.0	171.6
12.5°	239.5	236.7	222.0	212.9	211.5	215.7	222.0	219.9	209.4	203.8	203.8
15°	238.1	239.5	241.6	238.1	237.4	238.1	241.6	239.5	236.0	231.8	231.8
17.5°	251.4	252.1	252.8	254.2	252.8	250.7	250.7	250.0	250.7	252.1	252.1
20°	271.7	272.4	272.4	272.4	271.7	267.5	267.5	268.2	267.5	268.9	268.2
22.5°	294.1	293.4	293.4	293.4	291.3	287.8	287.1	287.8	285.7	285.7	285.7
25°	315.8	317.2	319.3	318.6	315.1	312.3	310.2	310.9	309.5	309.5	309.5
27.5°	343.1	341.7	345.9	344.5	341.0	341.0	338.9	338.9	336.8	336.1	335.4
30°	373.9	373.2	373.2	373.9	372.5	371.1	371.1	369.7	366.2	366.9	368.3
32.5°	404.1	403.4	402.0	402.7	402.0	399.9	403.4	403.4	402.0	402.7	406.9
35°	433.5	437.7	447.5	454.5	456.6	455.9	458.7	463.6	460.1	458.0	460.1
37.5°	573.5	570.7	560.2	553.9	555.3	558.8	551.1	545.5	542.0	541.3	544.8
40°	647.1	644.3	628.8	630.2	619.7	623.2	626.7	631.6	628.1	620.4	620.4
42.5°	653.4	654.1	675.8	708.7	698.9	677.9	658.3	668.1	682.8	691.9	695.4
45°	750.0	759.1	759.1	761.2	761.9	762.6	748.6	754.9	766.8	781.5	780.8
47.5°	861.3	866.9	870.4	874.6	872.5	874.6	892.9	887.9	901.3	899.9	898.5
50°	1094.5	1118.3	1122.5	1138.6	1128.8	1130.9	1164.6	1167.4	1167.4	1165.3	1168.1
52.5°	1553.2	1574.2	1570.7	1535.0	1552.5	1584.0	1620.4	1594.5	1631.6	1613.4	1605.0
55°	2135.8	2136.5	2159.6	2209.4	2232.5	2208.0	2227.6	2179.3	2260.5	2270.3	2245.8
57.5°	2908.9	2923.6	2928.6	2941.2	2922.9	2920.1	2934.2	2904.0	2941.9	2904.7	2919.4
60°	3570.0	3551.1	3497.2	3420.8	3429.2	3459.4	3514.0	3495.1	3468.5	3416.6	3404.7
62.5°	3742.3	3739.5	3728.3	3700.3	3683.4	3670.1	3677.1	3705.9	3672.2	3695.4	3664.5
65°	3671.5	3669.4	3679.9	3704.5	3686.2	3641.4	3602.2	3649.1	3628.1	3705.2	3682.7
67.5°	3445.4	3436.3	3425.7	3471.3	3442.6	3378.1	3349.4	3353.6	3341.0	3418.0	3395.6
70°	2841.7	2827.0	2846.6	2918.7	2877.4	2820.0	2787.1	2801.1	2804.6	2853.6	2861.3
72.5°	2129.5	2147.7	2167.4	2215.7	2205.9	2174.4	2192.6	2213.6	2233.9	2252.1	2244.4
75°	1685.6	1707.3	1668.1	1691.9	1683.5	1708.0	1724.8	1734.6	1732.5	1713.6	1705.2
77.5°	1281.5	1299.0	1289.9	1282.9	1289.2	1313.7	1366.9	1360.6	1330.5	1298.3	1304.6
80°	921.6	952.4	955.9	953.1	966.4	969.9	1014.7	1002.8	978.3	977.6	984.6
82.5°	603.6	617.6	661.8	701.0	711.5	694.0	723.4	734.6	740.9	741.6	739.5
85°	558.8	574.2	563.7	584.7	589.6	594.5	599.4	603.6	610.6	616.9	619.7
87.5°	528.0	553.2	551.8	565.8	564.4	574.2	583.3	586.1	577.7	568.6	565.8
90°	472.0	492.3	500.0	508.4	512.6	511.2	518.9	518.9	513.3	509.1	507.7
92.5°	423.7	434.9	441.9	452.4	455.2	453.8	461.5	458.0	458.7	460.1	461.5
95°	400.6	405.5	403.4	407.6	402.0	397.1	399.9	395.7	393.6	390.1	390.1
97.5°	334.7	334.0	334.0	335.4	332.6	328.4	330.5	329.8	330.5	330.5	327.7
100°	293.4	292.7	288.5	287.8	287.1	285.7	283.6	284.3	284.3	283.6	284.3
102.5°	292.7	286.4	277.3	267.5	267.5	265.4	266.1	265.4	264.7	260.5	258.4
105°	298.3	288.5	273.1	253.5	250.7	251.4	253.5	252.8	250.0	245.8	243.0
107.5°	275.9	264.7	255.6	243.0	239.5	238.8	240.2	240.9	238.1	232.5	228.3
110°	244.4	240.2	236.0	231.1	227.6	226.9	226.9	226.9	224.1	222.0	217.1

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REPORT NUMBER: P981112
CATALOG NUMBER: FFX-CLB-70-730-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*230.4*	225.5	220.6	216.4	214.3	213.6	212.2	210.8	208.7	206.6	203.8
115°	*217.1*	217.1	213.6	198.2	194.7	194.0	193.3	193.3	193.3	193.3	192.6
117.5°	*235.3*	233.2	219.9	200.3	194.0	190.5	187.7	189.1	188.4	193.3	191.9
120°	*269.6*	254.2	225.5	211.5	205.9	203.1	203.8	204.5	203.8	202.4	199.6
122.5°	*266.8*	250.0	232.5	222.0	215.7	215.0	217.8	217.1	210.8	201.0	193.3
125°	*234.6*	225.5	215.0	205.2	201.7	200.3	201.7	199.6	195.4	190.5	182.8
127.5°	*182.1*	180.7	175.1	170.9	171.6	173.7	177.2	177.2	175.1	172.3	168.1
130°	*163.2*	161.8	162.5	163.9	163.2	163.2	159.7	156.9	161.8	166.0	163.9
132.5°	*150.6*	151.3	158.3	168.8	166.7	161.1	152.7	151.3	159.0	167.4	166.7
135°	*145.0*	145.7	151.3	161.8	159.0	152.0	148.5	149.2	153.4	157.6	156.9
137.5°	*145.0*	145.0	143.6	147.1	147.1	147.1	146.4	148.5	151.3	151.3	149.2
140°	*142.9*	144.3	140.1	140.8	142.9	145.0	145.7	148.5	149.2	148.5	145.7
142.5°	*131.0*	132.4	136.6	142.2	143.6	145.0	149.2	148.5	148.5	148.5	147.1
145°	*161.1*	161.1	164.6	169.5	167.4	164.6	166.0	166.7	168.1	169.5	168.1
147.5°	*177.9*	177.9	173.7	172.3	168.8	168.8	173.0	172.3	171.6	170.2	170.9
150°	*147.1*	146.4	142.9	141.5	141.5	140.1	142.2	142.2	140.1	138.7	139.4
152.5°	*105.0*	105.7	104.3	105.7	107.8	109.9	112.0	113.4	113.4	113.4	112.0
155°	*95.2*	93.8	93.1	94.5	95.2	94.5	93.1	93.1	93.1	91.7	91.0
157.5°	*82.6*	81.9	81.2	81.9	81.9	82.6	83.3	84.0	84.0	82.6	81.9
160°	*71.4*	71.4	71.4	72.1	72.1	71.4	70.7	71.4	72.8	72.8	72.8
162.5°	*64.4*	65.1	65.8	67.2	67.2	65.8	64.4	64.4	65.8	67.2	67.2
165°	*59.5*	59.5	60.9	63.7	64.4	62.3	60.2	60.2	62.3	65.1	65.8
167.5°	*59.5*	60.2	62.3	64.4	63.7	61.6	59.5	59.5	61.6	63.7	63.7
170°	*63.7*	63.7	63.0	62.3	61.6	61.6	61.6	62.3	63.0	62.3	62.3
172.5°	*67.2*	66.5	64.4	62.3	61.6	63.7	65.1	64.4	63.7	62.3	62.3
175°	*68.6*	67.9	66.5	65.1	65.1	66.5	67.2	65.8	64.4	63.7	63.0
177.5°	*61.6*	61.6	60.9	60.9	61.6	60.9	60.9	60.9	60.2	59.5	58.8
180°	*53.2*	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2

Cooper Lighting Solutions Photometric Lab
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: SP1-2501-332-4

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

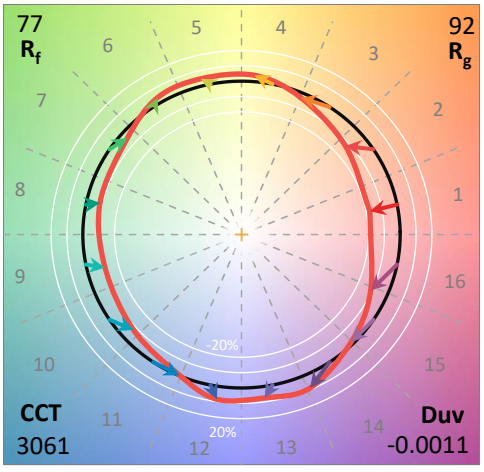
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-4
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-100-730-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3061	CRI (Ra):	71.7		
CIE u':	0.2489	R1:	67.8	R9:	-40.3
CIE v':	0.5187	R2:	85.0	R10:	67.2
Duv:	-0.0011	R3:	92.9	R11:	61.6
CIE x:	0.4312	R4:	66.0	R12:	59.9
CIE y:	0.3995	R5:	68.5	R13:	71.4
CIE z:	0.1693	R6:	80.2	R14:	96.3
Peak Wavelength (nm):	592	R7:	74.5	R15:	58.8
Dominant Wavelength (nm):	582	R8:	39.0		
Purity:	49.32381				

Rf:	76.8
Rg:	92.2



Test Conditions

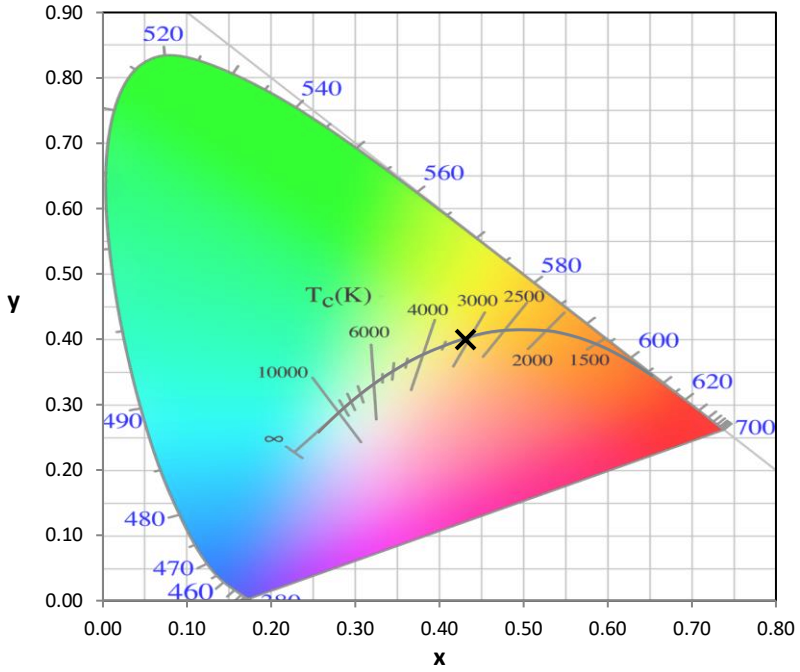
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

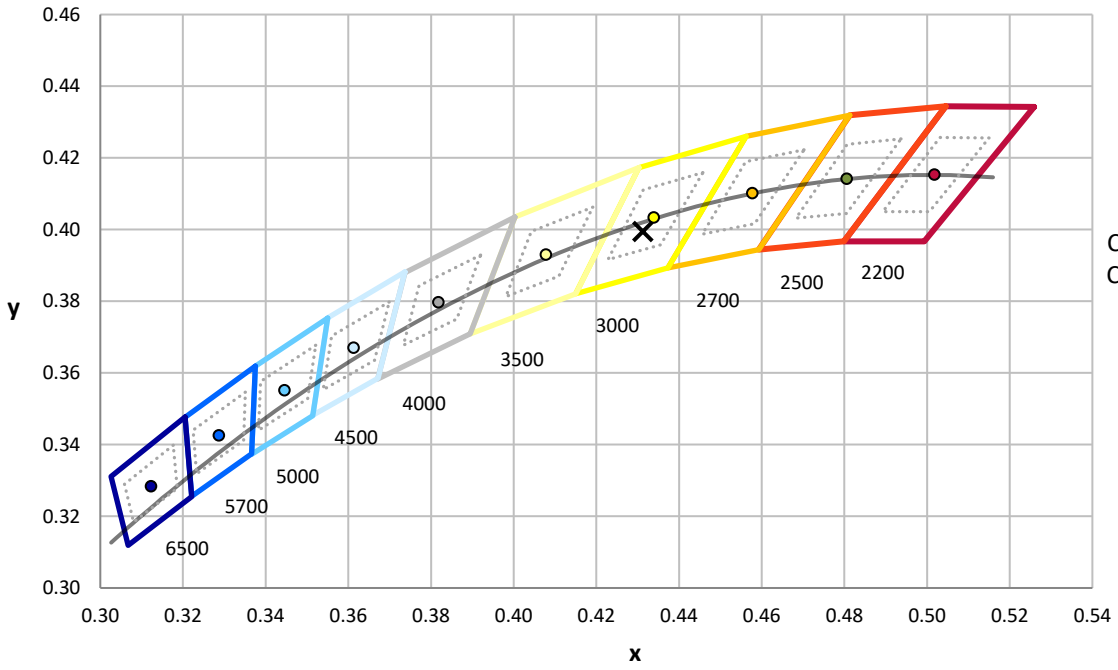
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-4

CIE 1931 Chromaticity Diagram



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

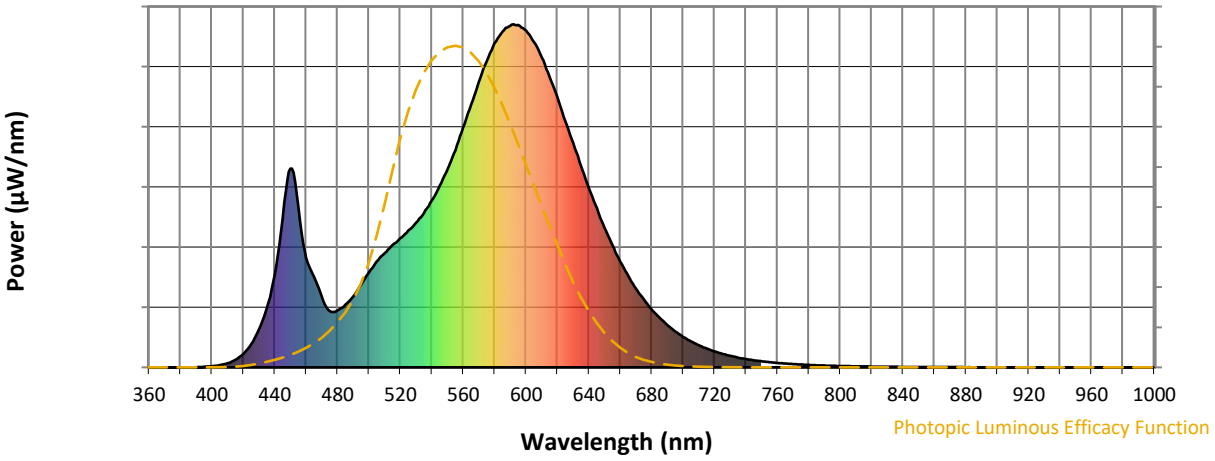


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

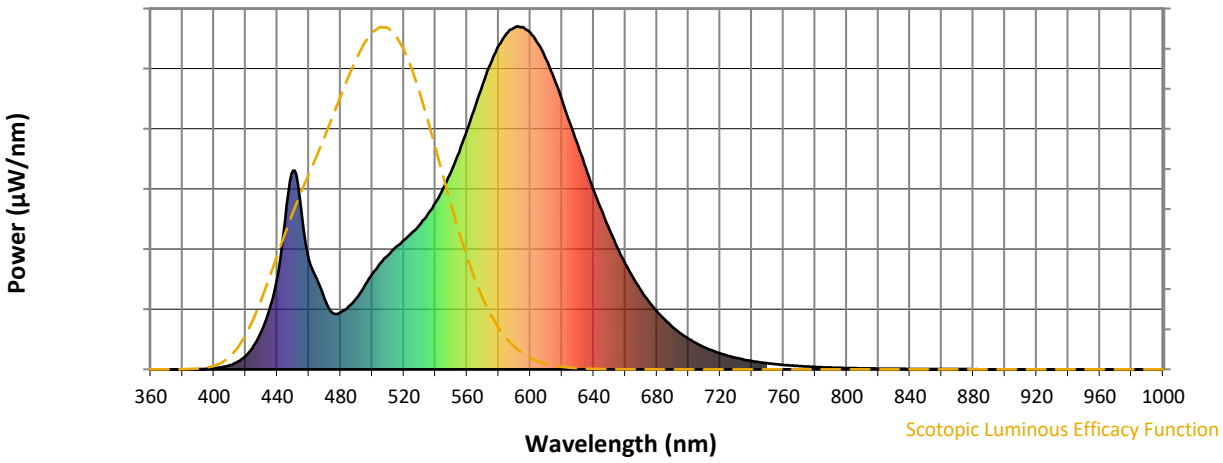


Photopic Lumens: NR

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

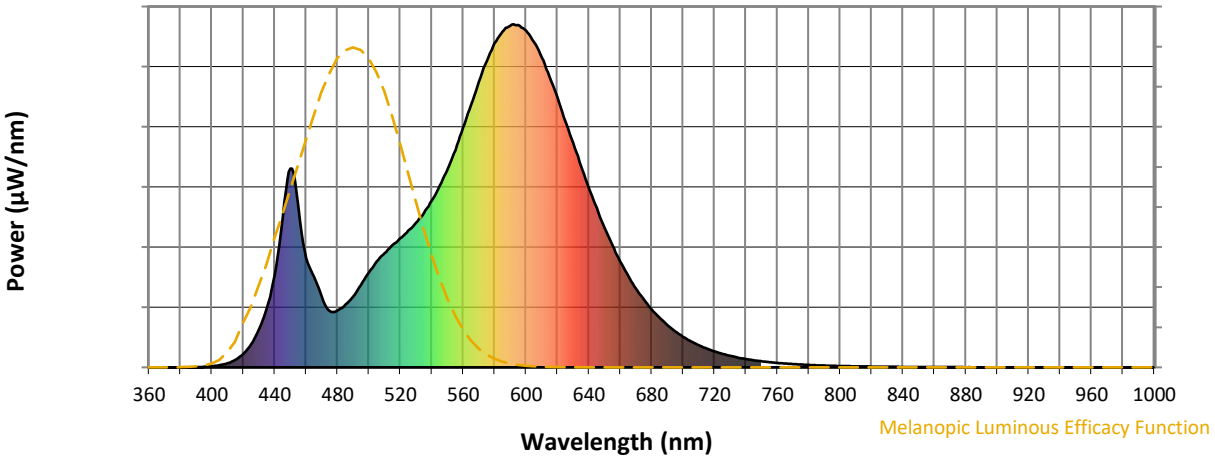


Scotopic Lumens: NR **S/P: 1.29**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.47**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

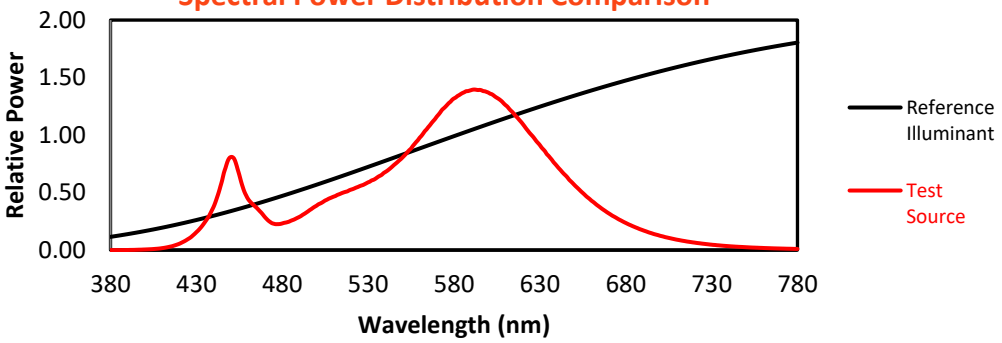
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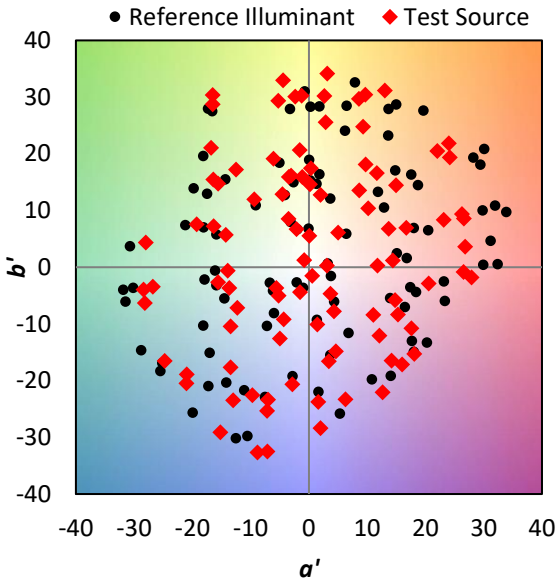
Summary

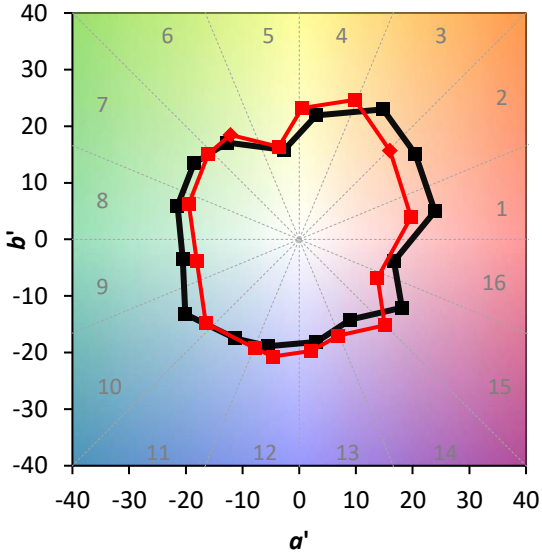
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

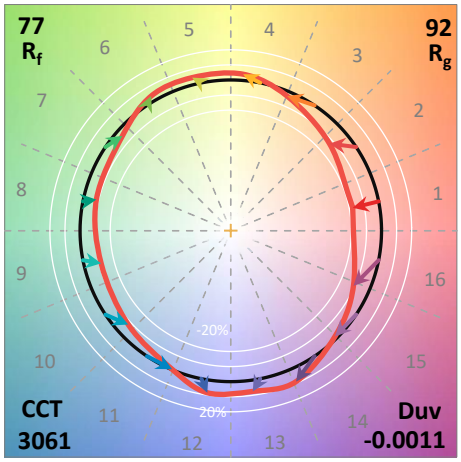
Spectral Power Distribution Comparison

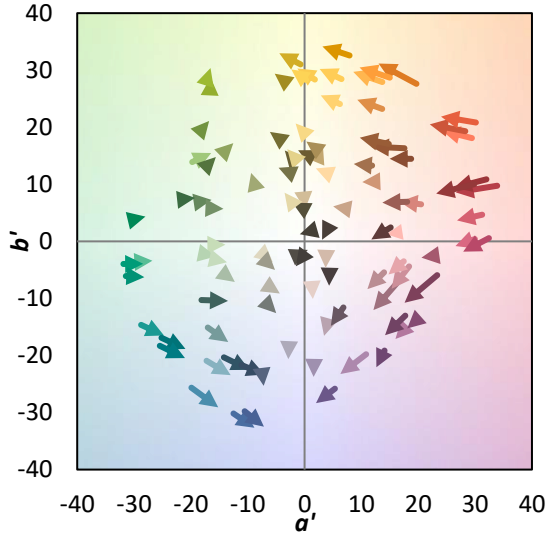


Color Vector Graphics







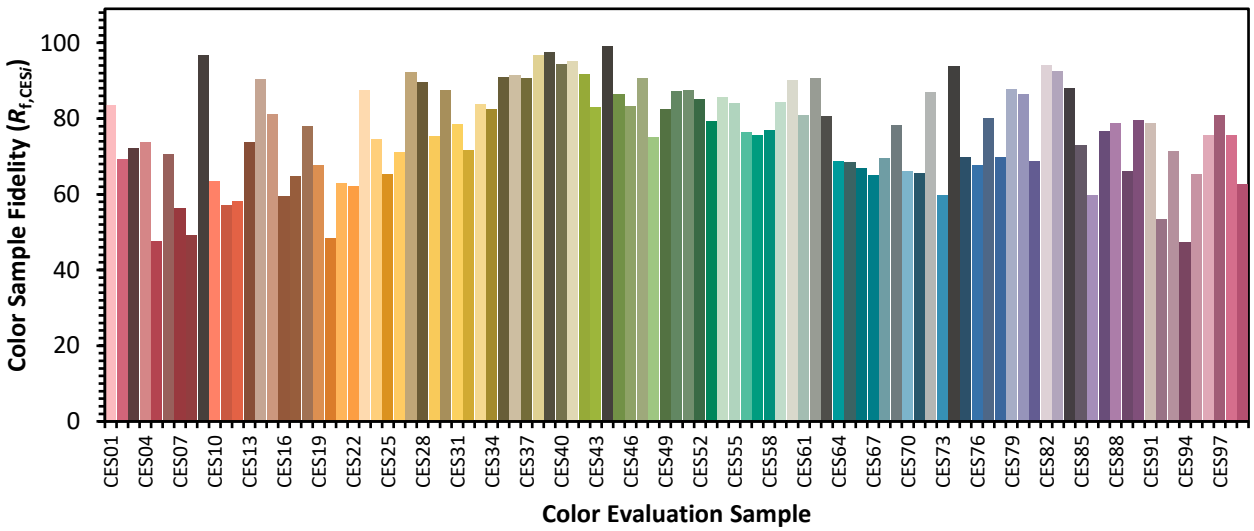


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Individual Sample Fidelity Index ($R_{f,i}$)

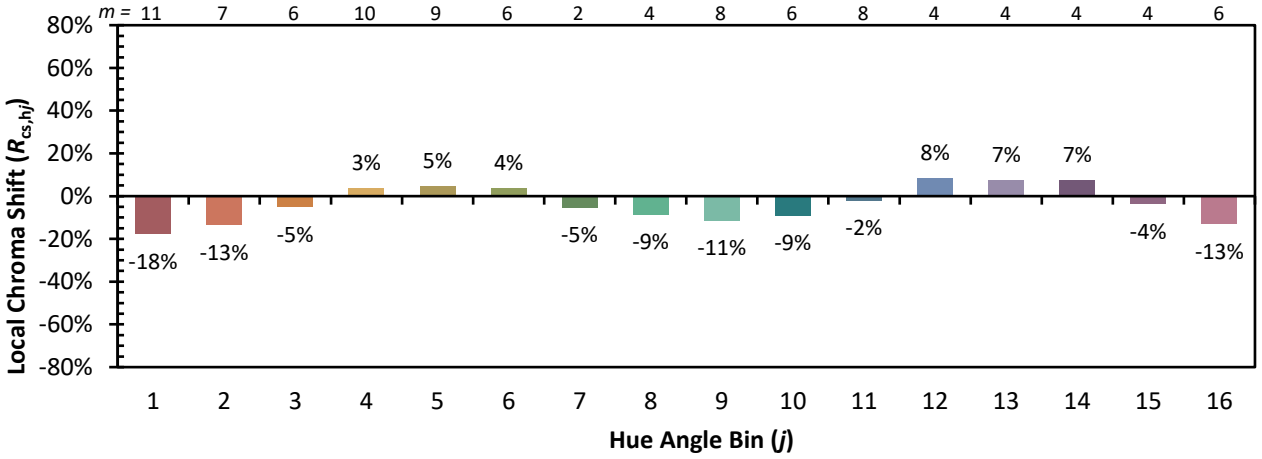
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 40	CES33 = 84	CES58 = 77	CES83 = 92
CES09 = 29	CES34 = 83	CES59 = 84	CES84 = 88
CES10 = 76	CES35 = 91	CES60 = 90	CES85 = 73
CES11 = 59	CES36 = 92	CES61 = 81	CES86 = 60
CES12 = 65	CES37 = 91	CES62 = 91	CES87 = 77
CES13 = 43	CES38 = 97	CES63 = 81	CES88 = 79
CES14 = 74	CES39 = 98	CES64 = 69	CES89 = 66
CES15 = 71	CES40 = 94	CES65 = 69	CES90 = 80
CES16 = 47	CES41 = 95	CES66 = 67	CES91 = 79
CES17 = 50	CES42 = 92	CES67 = 65	CES92 = 53
CES18 = 56	CES43 = 83	CES68 = 70	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 78	CES94 = 47
CES20 = 66	CES45 = 87	CES70 = 66	CES95 = 65
CES21 = 87	CES46 = 83	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 91	CES72 = 87	CES97 = 81
CES23 = 92	CES48 = 75	CES73 = 60	CES98 = 76
CES24 = 91	CES49 = 83	CES74 = 94	CES99 = 63
CES25 = 73	CES50 = 87	CES75 = 70	

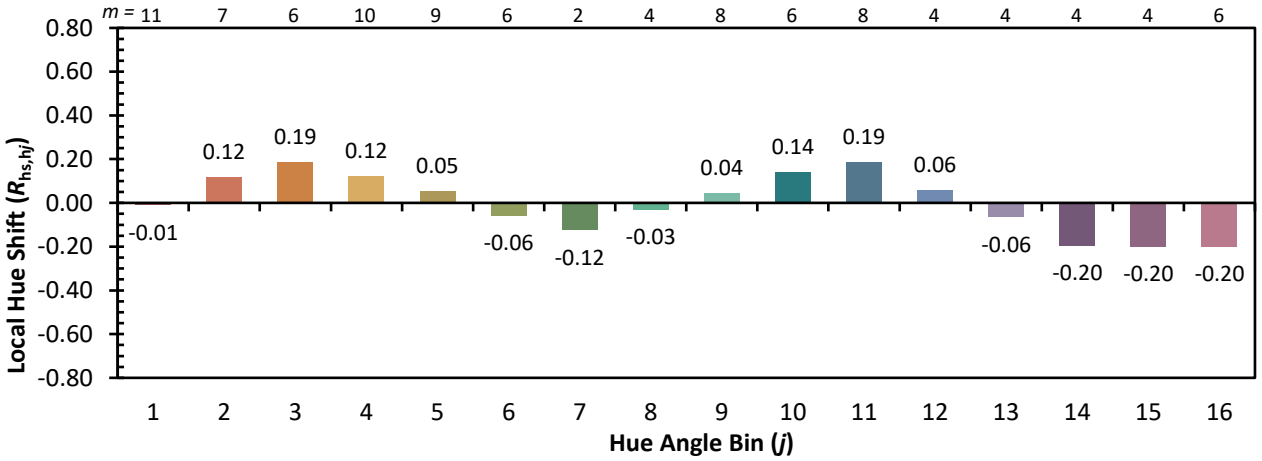


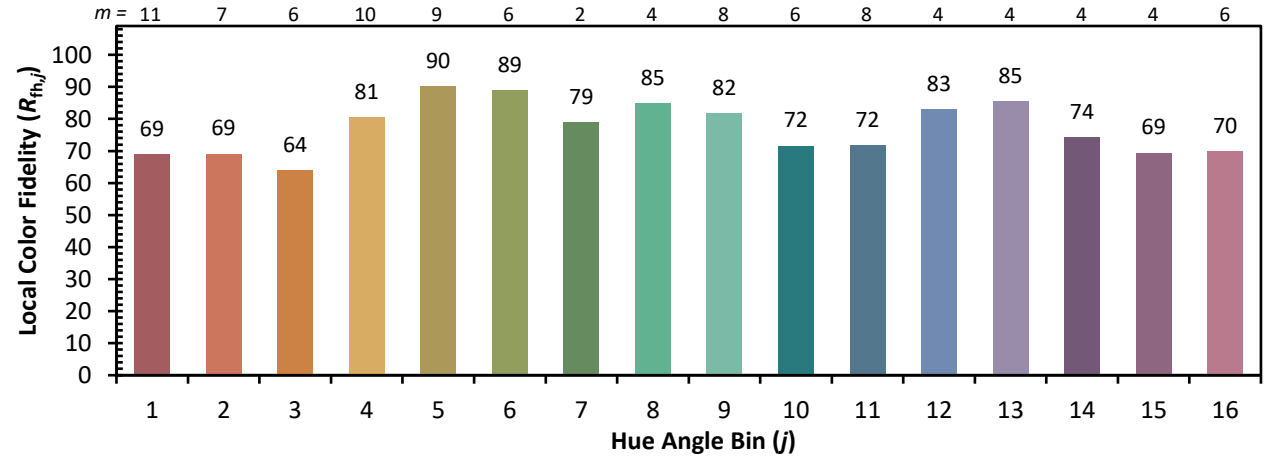
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Color Rendition by Hue-Angle Bin



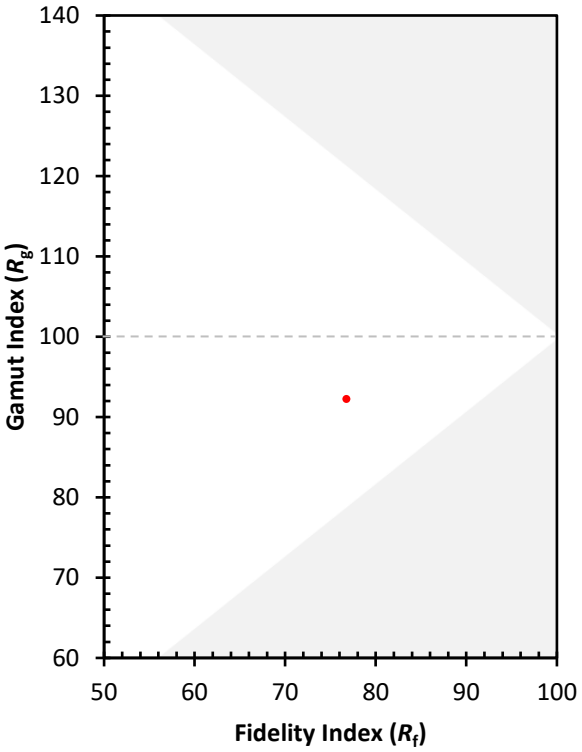


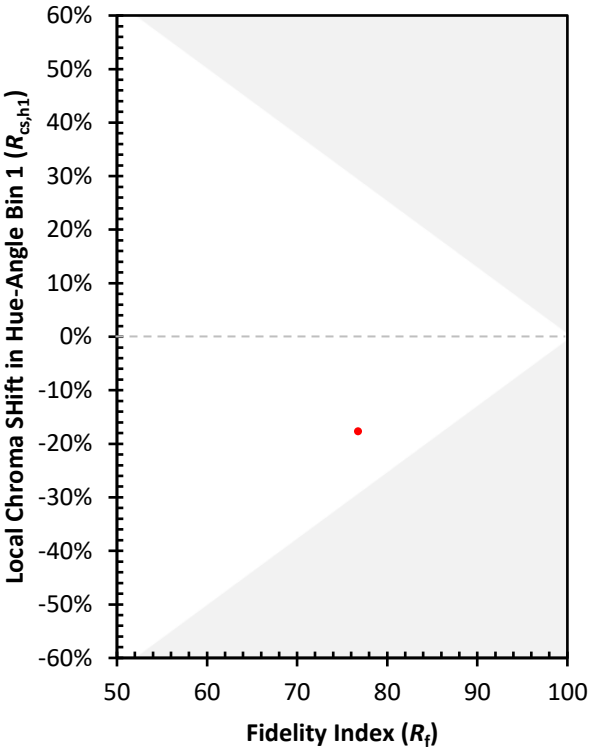


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Measure Comparisons





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