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: P981294

Luminaire Tested: **FFX-CLB-50-730-U-VM9-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:	P981294
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-50-730-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8306.8 lumens
Efficiency:	N/A
Efficacy:	164.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B2 - U5 - G3

Input Watts (W):	50.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

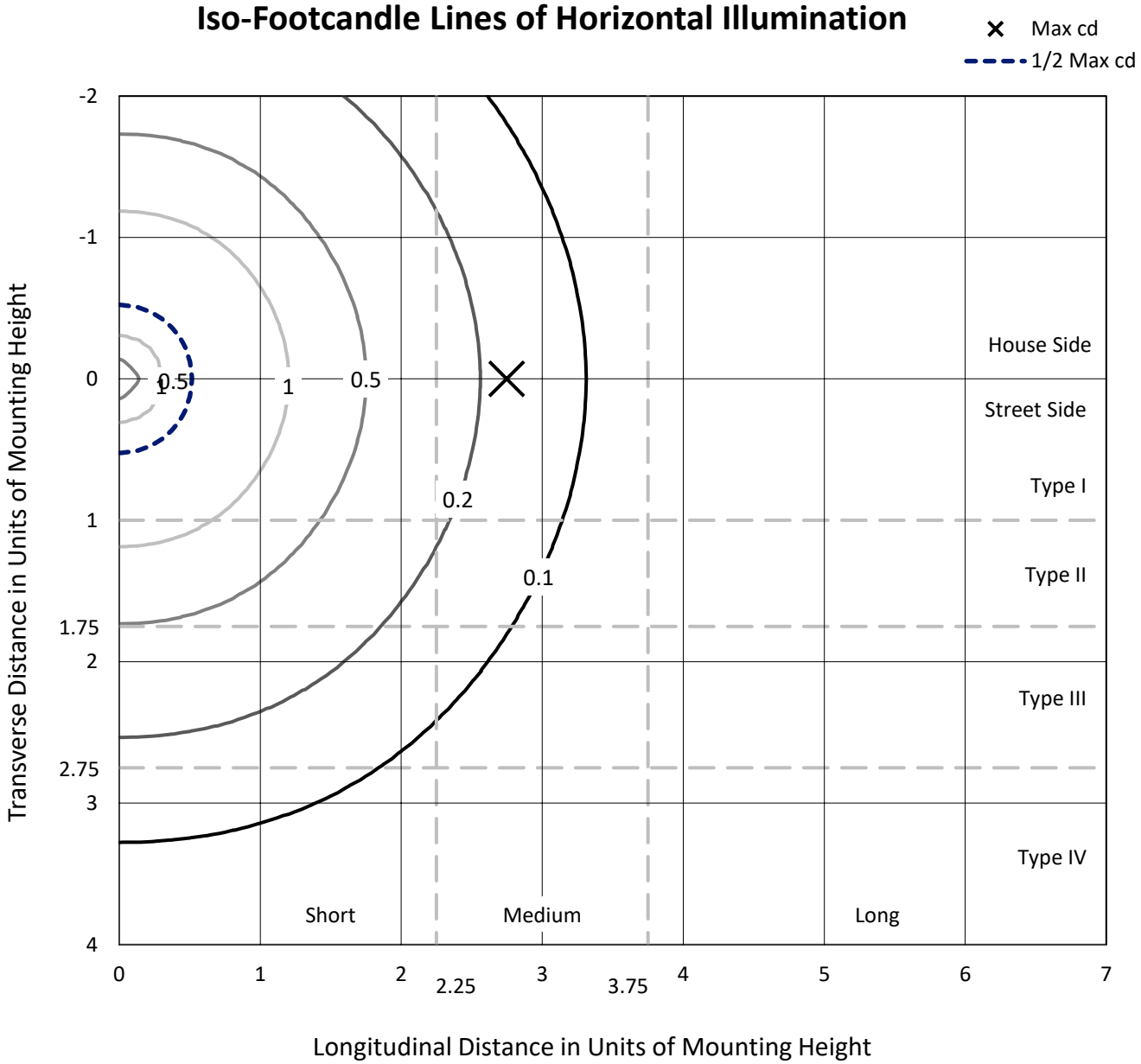


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Scaled Data Report

REPORT NUMBER: P981294
CATALOG NUMBER: FFX-CLB-50-730-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



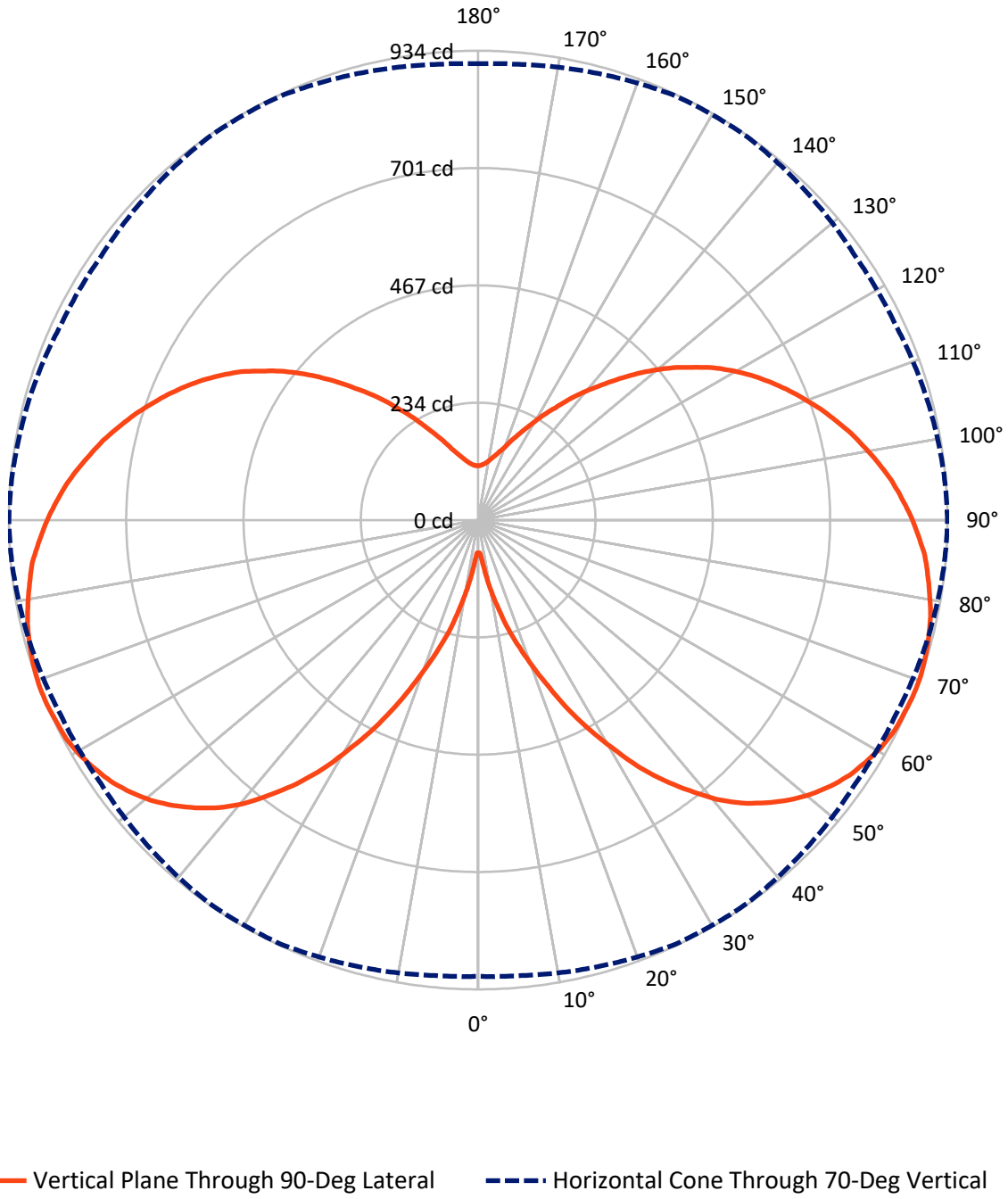
Based on 15 foot mounting height. Maximum calculated value = 1.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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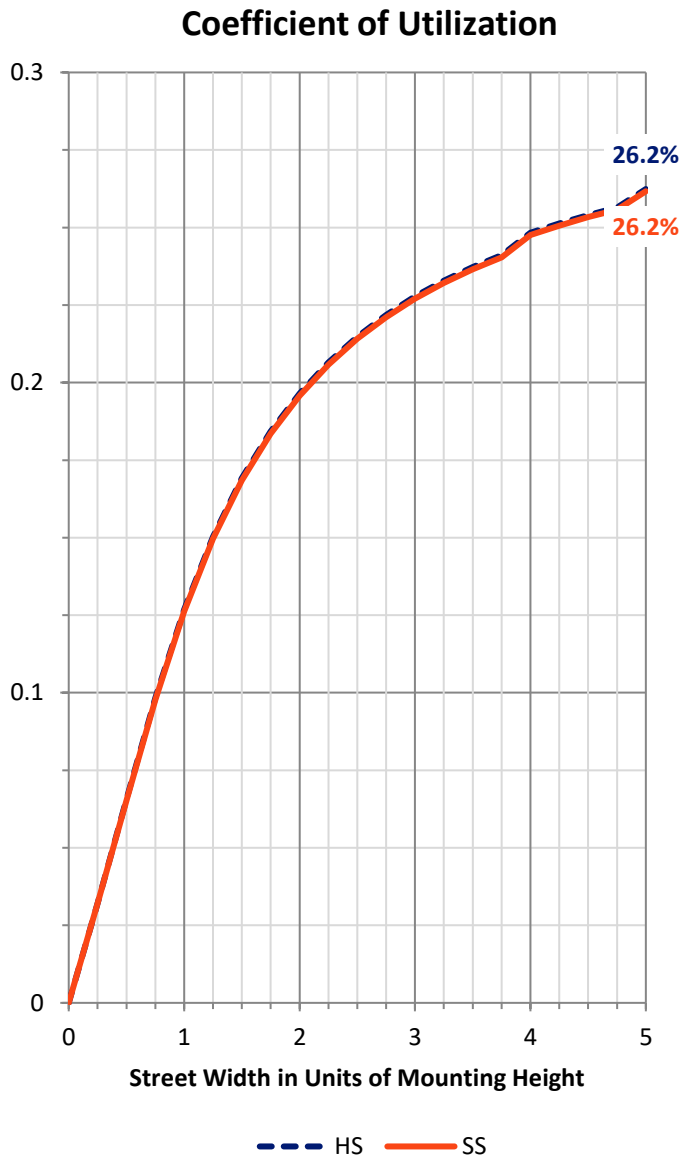
REPORT NUMBER: P981294
CATALOG NUMBER: FFX-CLB-50-730-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2459.0	1694.4	4153.4
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	2459.0	1694.4	4153.4
	% Fixture	29.6	20.4	50.0
Total	Lumens	4918.0	3388.7	8306.8
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	0.1
10°-20°	66.4	0.8
20°-30°	194.9	2.3
30°-40°	396.4	4.8
40°-50°	615.1	7.4
50°-60°	794.4	9.6
60°-70°	913.4	11.0
70°-80°	967.9	11.7
80°-90°	959.8	11.6
90°-100°	892.3	10.7
100°-110°	777.9	9.4
110°-120°	635.3	7.6
120°-130°	471.0	5.7
130°-140°	304.9	3.7
140°-150°	172.4	2.1
150°-160°	86.0	1.0
160°-170°	38.2	0.5
170°-180°	10.8	0.1
0°-90°	4918.0	59.2
0°-180°	8306.8	100.0



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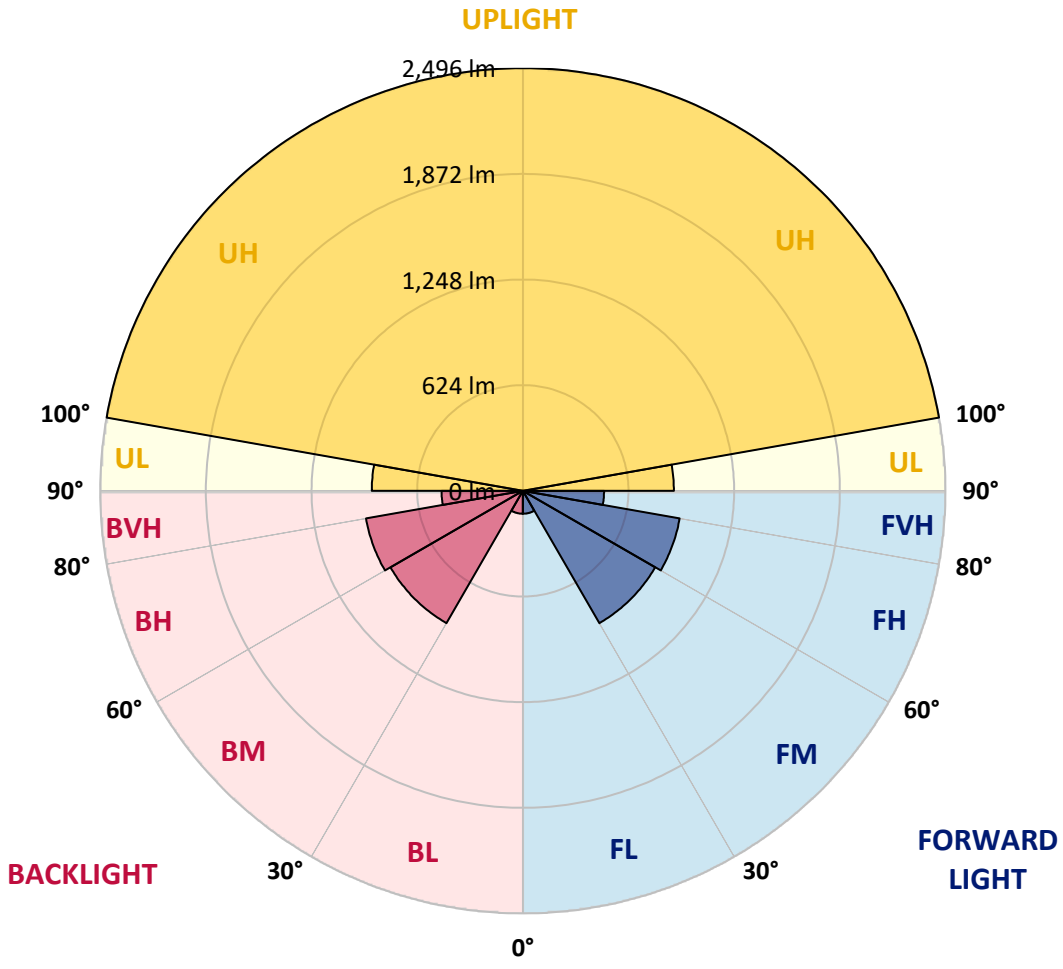
Scaled Data Report

REPORT NUMBER: P981294
CATALOG NUMBER: FFX-CLB-50-730-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	135.5	1.6			
FM	(30°-60°)	902.9	10.9			
FH	(60°-80°)	940.6	11.3			G1/1800
FVH	(80°-90°)	479.9	5.8			G3/500
BL	(0°-30°)	135.5	1.6	B1/500		
BM	(30°-60°)	902.9	10.9	B1/1000		
BH	(60°-80°)	940.6	11.3	B2/1000		G1/1800
BVH	(80°-90°)	479.9	5.8			G3/500
UL	(90°-100°)	892.3	10.7		U4/1000	
UH	(100°-180°)	2496.4	30.1		U5	

BUG Rating: B2-U5-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	*66.1*
2.5°	66.1	66.1	66.1	66.1	65.5	65.5	65.5	65.5	65.5	65.5	*65.5*
5°	81.5	81.0	81.0	81.5	81.5	81.5	81.0	81.5	80.5	80.0	*81.0*
7.5°	109.4	109.4	109.4	109.4	108.4	108.4	109.9	108.9	109.4	108.9	*109.9*
10°	143.0	143.0	142.5	143.5	144.0	143.5	143.0	144.5	143.5	143.5	*144.5*
12.5°	181.2	181.7	181.7	182.2	183.2	181.7	183.2	183.2	183.2	182.2	*181.7*
15°	225.0	224.5	225.6	225.0	223.0	225.0	225.6	224.5	225.0	225.6	*226.1*
17.5°	265.8	265.3	265.8	265.3	267.4	267.9	267.4	267.4	267.4	267.9	*266.8*
20°	310.7	311.2	309.7	311.2	311.2	312.3	314.3	313.8	314.3	312.8	*311.2*
22.5°	359.7	360.3	358.7	358.2	361.3	360.8	360.8	362.3	363.4	363.4	*362.3*
25°	412.4	411.4	411.4	412.9	412.9	412.4	415.0	416.0	415.5	417.0	*418.1*
27.5°	465.0	464.0	464.0	466.1	466.1	466.1	466.1	470.7	471.2	472.3	*472.8*
30°	516.1	519.8	519.8	518.7	520.3	522.8	524.4	524.4	525.9	525.9	*526.5*
32.5°	571.9	571.9	572.9	574.5	574.5	579.1	576.5	580.7	579.6	582.7	*584.8*
35°	624.5	625.6	625.6	628.7	628.7	629.7	630.2	632.8	636.4	635.9	*636.4*
37.5°	673.6	673.0	672.0	676.7	677.7	677.2	677.7	681.8	682.9	684.4	*683.4*
40°	718.5	716.9	719.5	722.1	722.1	723.1	724.1	726.2	728.3	729.3	*730.9*
42.5°	756.1	755.6	758.2	760.3	760.8	761.3	761.3	762.9	768.0	769.6	*770.6*
45°	789.2	788.7	791.8	794.3	795.9	795.9	794.3	796.4	801.0	802.6	*803.1*
47.5°	817.6	818.1	822.2	825.3	826.3	824.8	823.8	825.8	829.4	833.6	*833.0*
50°	841.3	841.8	846.5	851.6	852.1	850.6	848.0	849.6	854.7	857.8	*858.3*
52.5°	861.4	862.0	867.6	872.8	873.3	870.7	867.6	870.2	874.9	878.5	*879.5*
55°	877.4	879.0	884.7	890.3	891.9	888.3	884.1	885.7	890.9	896.5	*897.0*
57.5°	889.3	889.8	897.0	903.2	905.3	900.1	897.0	897.0	903.2	908.4	*909.4*
60°	897.6	899.6	907.9	915.1	916.1	911.5	905.8	906.9	913.6	919.2	*920.8*
62.5°	904.8	906.9	914.6	923.4	924.4	918.2	912.5	913.1	920.8	926.5	*928.5*
65°	908.4	910.0	919.2	928.0	929.1	922.9	916.1	916.7	923.9	930.6	*931.1*
67.5°	909.4	911.0	920.8	931.1	931.6	924.9	917.2	918.7	926.0	932.7	*933.7*
70°	*908.4*	*910.5*	*920.3*	*931.1*	*932.1*	*923.9*	*916.1*	*917.2*	*925.4*	*932.1*	*934.2*
72.5°	904.8	907.4	917.2	928.5	929.1	921.3	913.6	913.6	922.9	930.1	*931.1*
75°	900.1	902.7	913.6	924.9	925.4	917.2	908.9	910.0	918.7	925.4	*926.5*
77.5°	895.0	896.5	907.4	919.2	920.3	911.5	903.2	904.3	912.5	919.8	*920.8*
80°	886.7	888.3	899.6	911.0	912.0	903.2	894.5	896.5	904.8	911.5	*911.5*
82.5°	876.9	878.0	889.3	901.7	902.2	893.4	885.7	886.7	895.0	901.7	*901.7*
85°	865.6	867.1	878.5	890.3	890.3	882.1	873.8	875.9	883.6	889.8	*891.9*
87.5°	853.2	853.7	865.0	875.9	876.4	868.1	860.9	862.5	870.2	875.9	*876.4*
90°	838.7	839.8	850.6	860.9	861.4	853.2	846.5	848.5	854.7	859.9	*861.4*
92.5°	822.7	824.3	834.6	844.4	843.9	836.7	831.0	833.6	838.7	843.9	*843.9*
95°	806.2	808.3	816.5	825.8	824.8	818.6	814.0	816.0	821.2	825.3	*826.3*
97.5°	788.7	789.2	798.0	804.7	804.7	799.0	795.4	796.9	802.1	804.7	*805.7*
100°	769.6	770.1	776.8	783.5	783.5	778.3	775.8	777.3	781.4	783.5	*784.0*
102.5°	750.5	750.0	755.6	761.3	761.3	757.2	755.1	758.2	760.3	761.8	*762.9*
105°	728.8	728.3	733.4	738.6	737.6	735.0	732.9	735.5	738.1	739.1	*739.1*
107.5°	705.0	707.1	710.2	714.3	713.8	711.8	711.8	713.3	714.9	715.4	*715.9*
110°	684.9	684.4	687.5	689.6	690.1	689.0	690.1	690.6	691.1	691.1	*691.1*

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Scaled Data Report

REPORT NUMBER: P981294
CATALOG NUMBER: FFX-CLB-50-730-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	661.7	661.7	662.7	664.3	664.8	665.3	665.8	667.9	666.9	667.4	*666.3*
115°	636.4	636.9	637.9	638.5	639.5	640.0	642.6	642.6	643.1	642.1	*640.5*
117.5°	611.1	612.1	611.6	611.1	613.2	614.7	616.3	617.3	617.3	615.2	*614.2*
120°	583.8	582.7	582.7	582.7	584.3	586.9	588.9	589.4	588.9	586.3	*585.8*
122.5°	553.8	554.8	553.3	553.8	554.3	557.9	559.5	560.5	559.0	555.9	*556.9*
125°	522.8	523.9	521.3	521.3	523.9	525.4	527.0	528.5	525.9	524.4	*523.4*
127.5°	489.8	489.8	489.3	487.8	490.8	492.4	495.5	495.5	493.4	491.4	*492.4*
130°	456.3	455.8	456.8	455.8	456.3	459.4	461.9	460.9	459.9	458.8	*458.8*
132.5°	421.7	422.7	421.7	421.2	423.8	424.8	427.4	428.4	426.3	423.8	*424.8*
135°	389.2	388.7	388.1	388.1	389.7	392.3	393.8	393.3	393.3	392.3	*391.2*
137.5°	355.6	357.2	356.1	356.1	357.2	359.7	362.3	361.8	361.3	359.2	*358.2*
140°	325.7	324.7	325.2	325.2	327.7	327.7	330.3	330.3	329.8	328.3	*329.3*
142.5°	295.7	295.2	297.3	296.3	297.3	299.9	300.9	300.4	299.4	299.9	*300.4*
145°	268.4	268.9	268.4	268.9	270.5	272.0	274.1	273.0	273.0	271.5	*271.0*
147.5°	242.6	242.6	242.1	244.1	244.6	246.7	247.2	247.7	246.7	245.7	*247.2*
150°	219.9	219.4	219.4	219.9	220.9	222.5	223.5	223.5	224.0	223.0	*222.5*
152.5°	198.7	197.7	198.2	199.2	199.7	201.3	201.3	202.3	201.8	201.3	*201.3*
155°	179.6	180.1	180.1	180.6	181.7	182.2	183.2	182.7	183.2	182.7	*182.7*
157.5°	164.1	165.2	165.2	165.7	165.2	165.7	166.2	166.7	166.7	166.7	*166.7*
160°	151.7	151.2	151.2	151.2	151.2	151.7	152.8	152.3	152.8	152.3	*151.7*
162.5°	140.4	140.4	140.4	140.4	140.9	140.9	140.9	141.4	140.9	140.9	*140.9*
165°	131.1	131.6	131.1	131.1	131.1	131.6	131.6	131.6	131.6	131.6	*131.6*
167.5°	123.9	124.4	124.4	124.4	124.4	124.4	124.9	124.4	124.4	124.4	*124.4*
170°	118.2	118.7	118.7	118.2	118.7	118.2	118.2	118.7	118.2	118.2	*118.2*
172.5°	114.1	114.1	114.1	114.1	114.1	114.1	114.1	114.1	114.1	113.6	*113.6*
175°	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	*110.5*
177.5°	108.4	108.4	108.9	108.4	108.4	108.4	108.4	108.4	108.4	108.4	*108.4*
180°	107.9	107.9	107.9	107.9	107.9	107.9	107.9	107.9	107.9	107.9	*107.9*

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

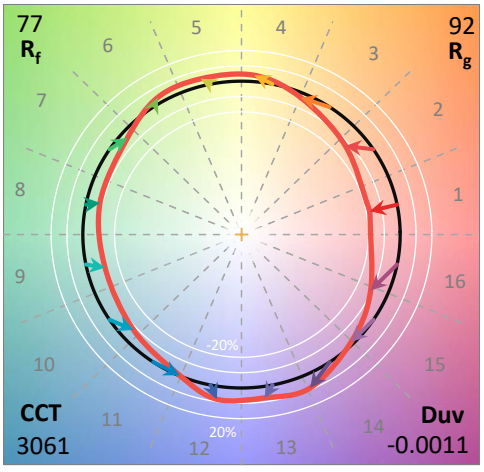
Test Information

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

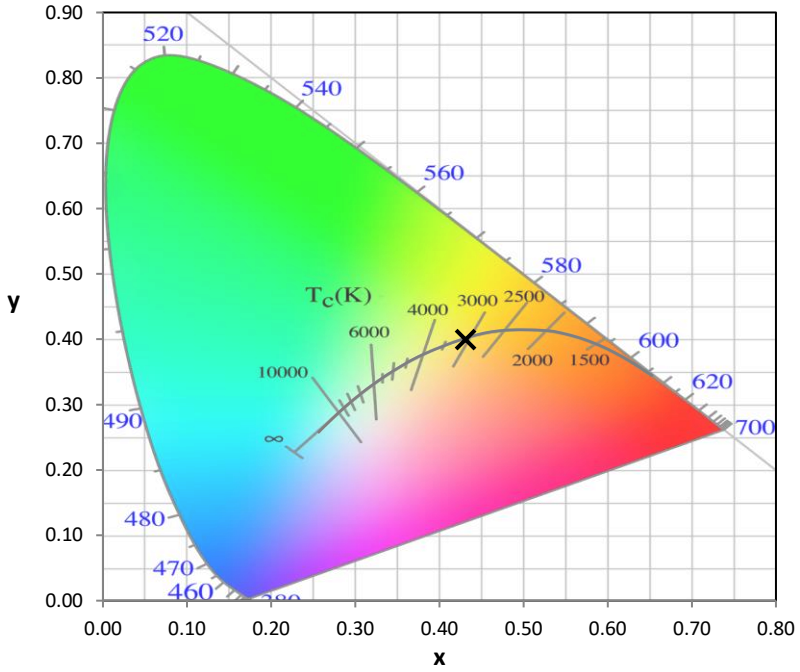
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

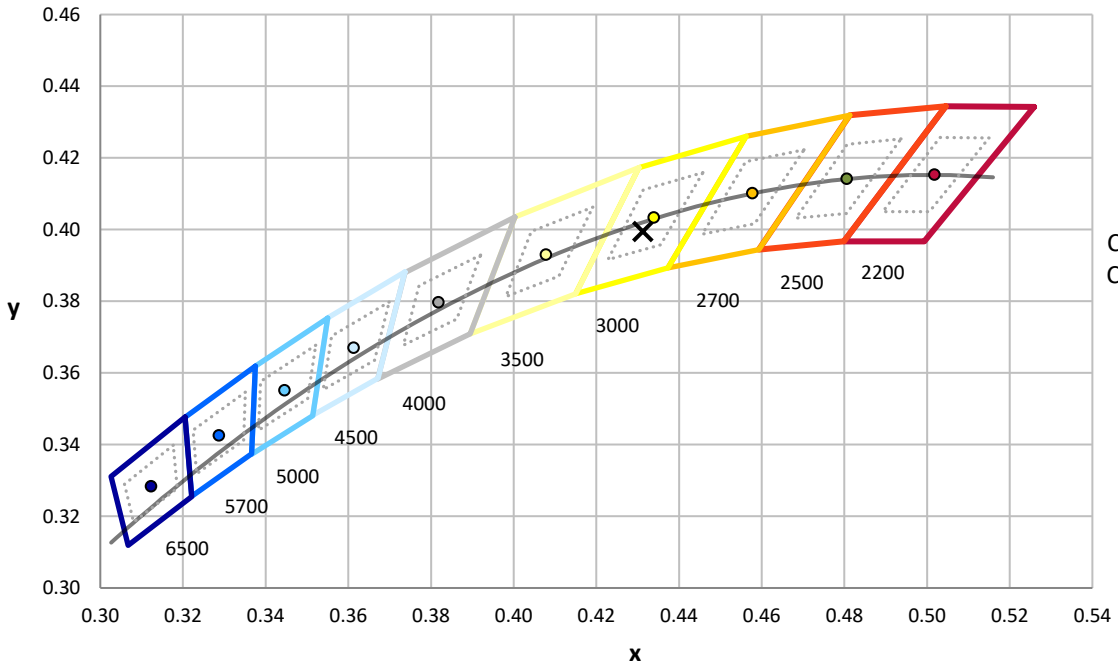
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

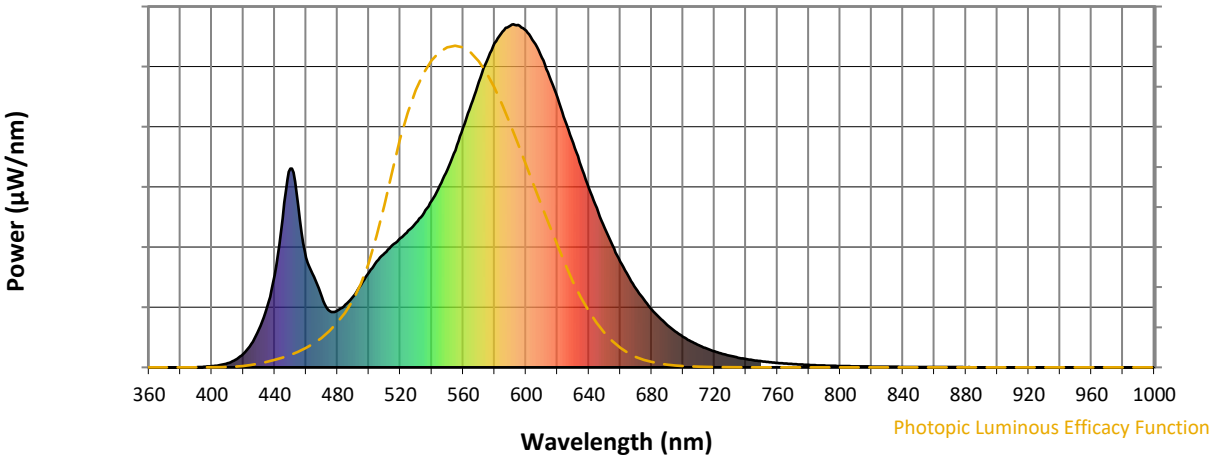


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

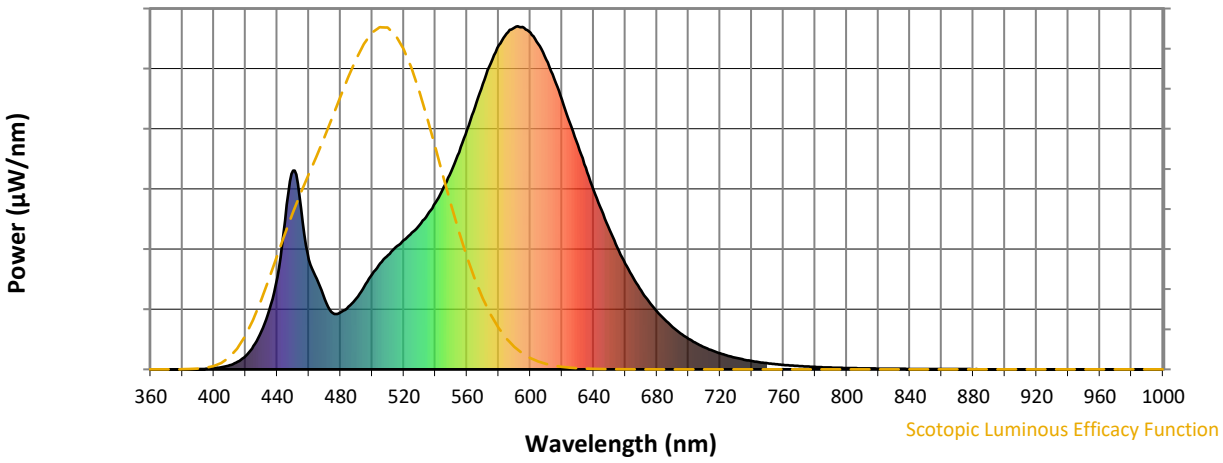


Photopic Lumens: NR

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

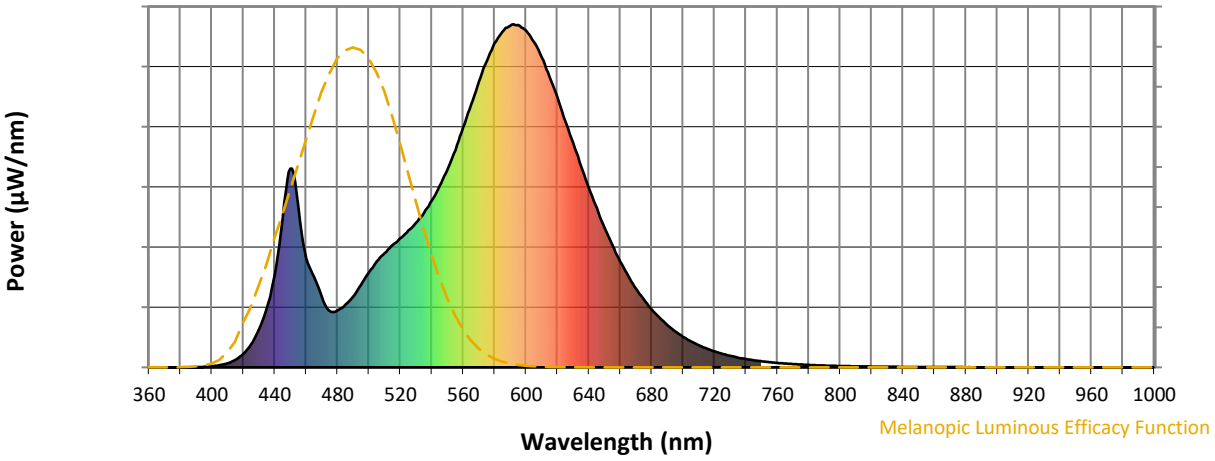


Scotopic Lumens: NR **S/P: 1.29**

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			

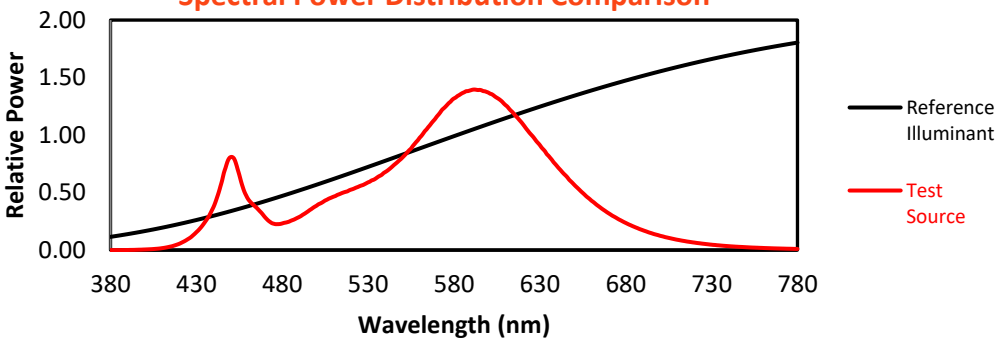
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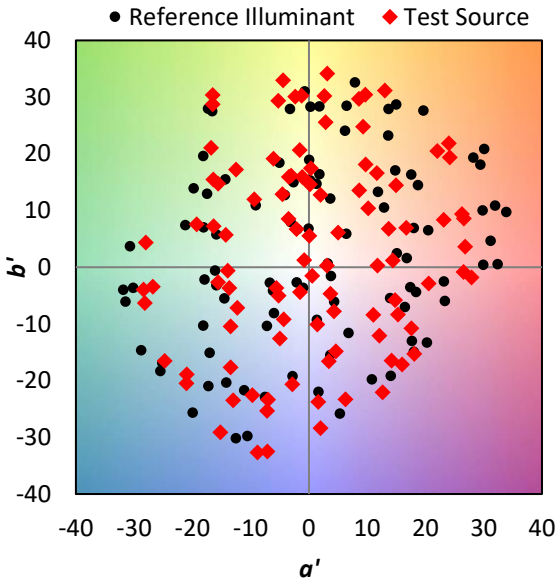
Summary

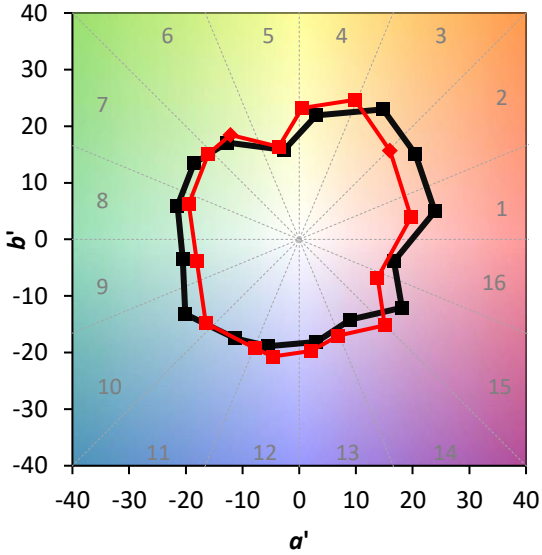
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

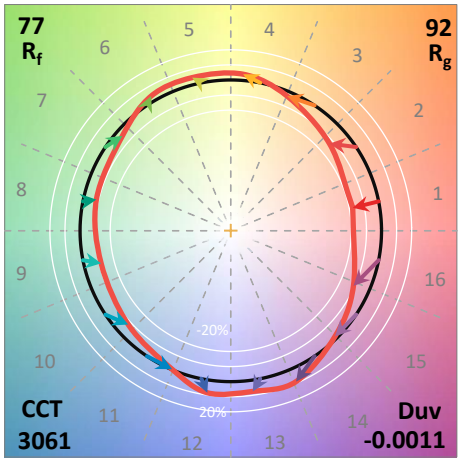
Spectral Power Distribution Comparison

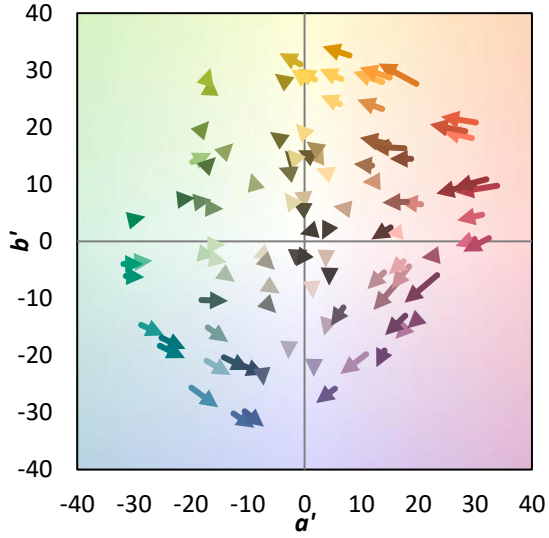


Color Vector Graphics







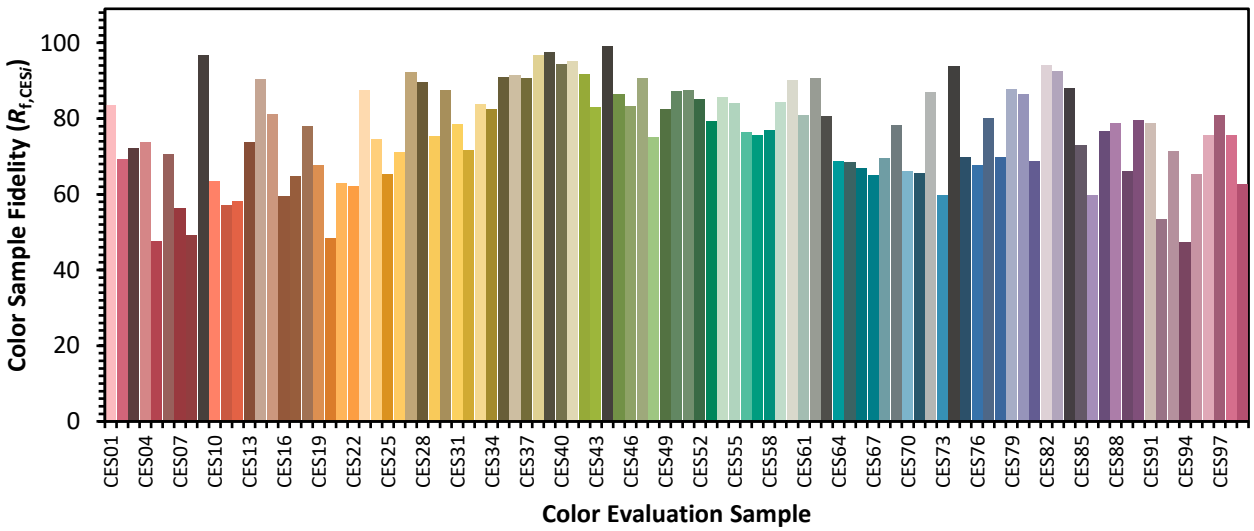


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Individual Sample Fidelity Index ($R_{f,i}$)

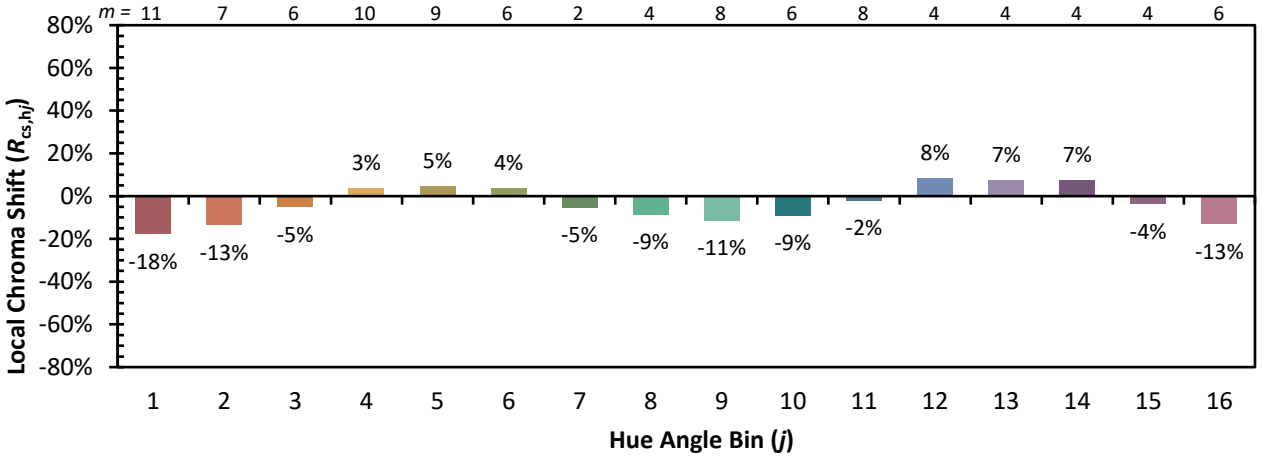
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 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	

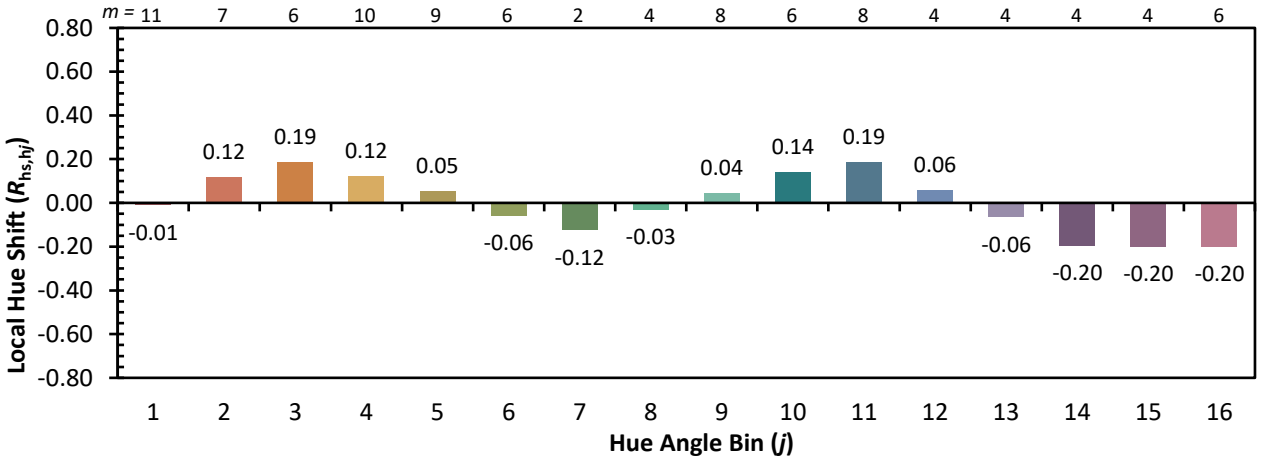


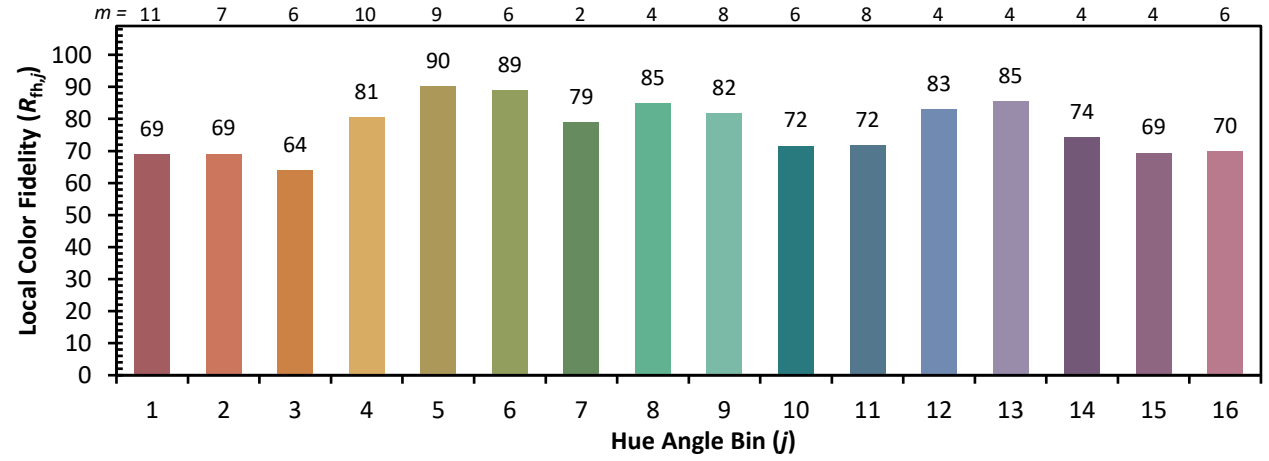
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Color Rendition by Hue-Angle Bin



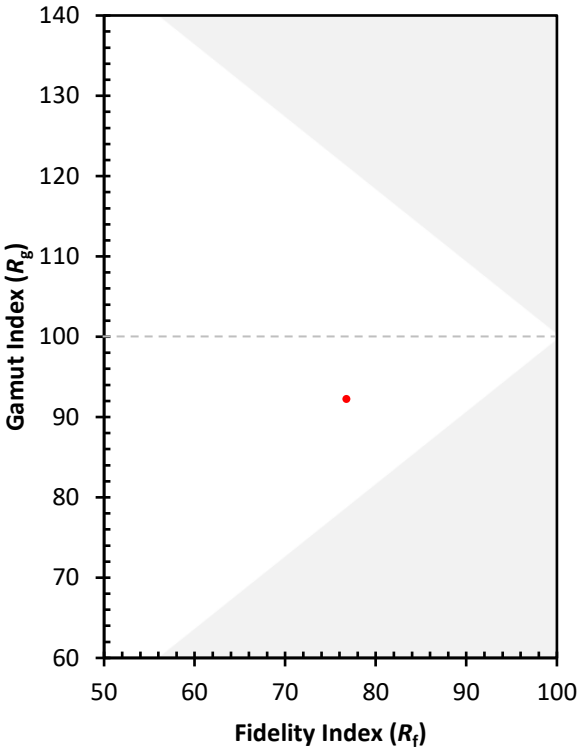


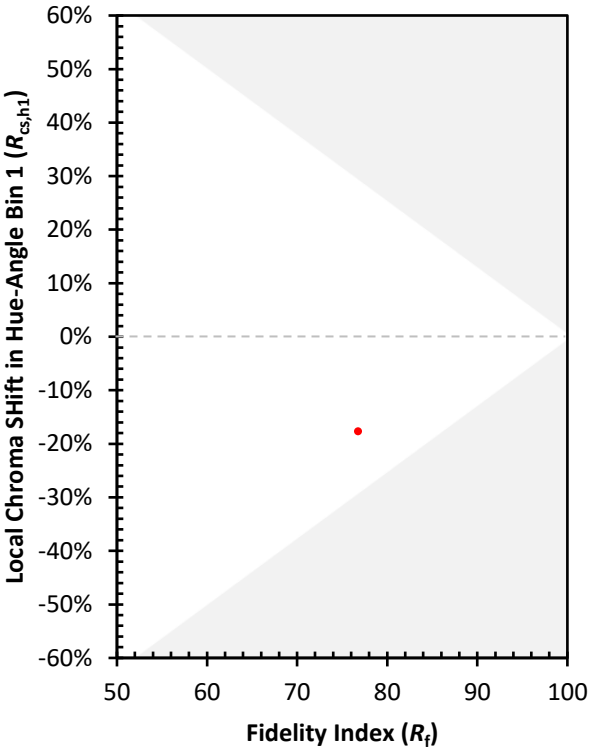


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Measure Comparisons





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