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: P981275

Luminaire Tested: **FFX-CLB-60-722-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:	P981275
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-60-722-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8307.9 lumens
Efficiency:	N/A
Efficacy:	137.1 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):	60.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.53%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

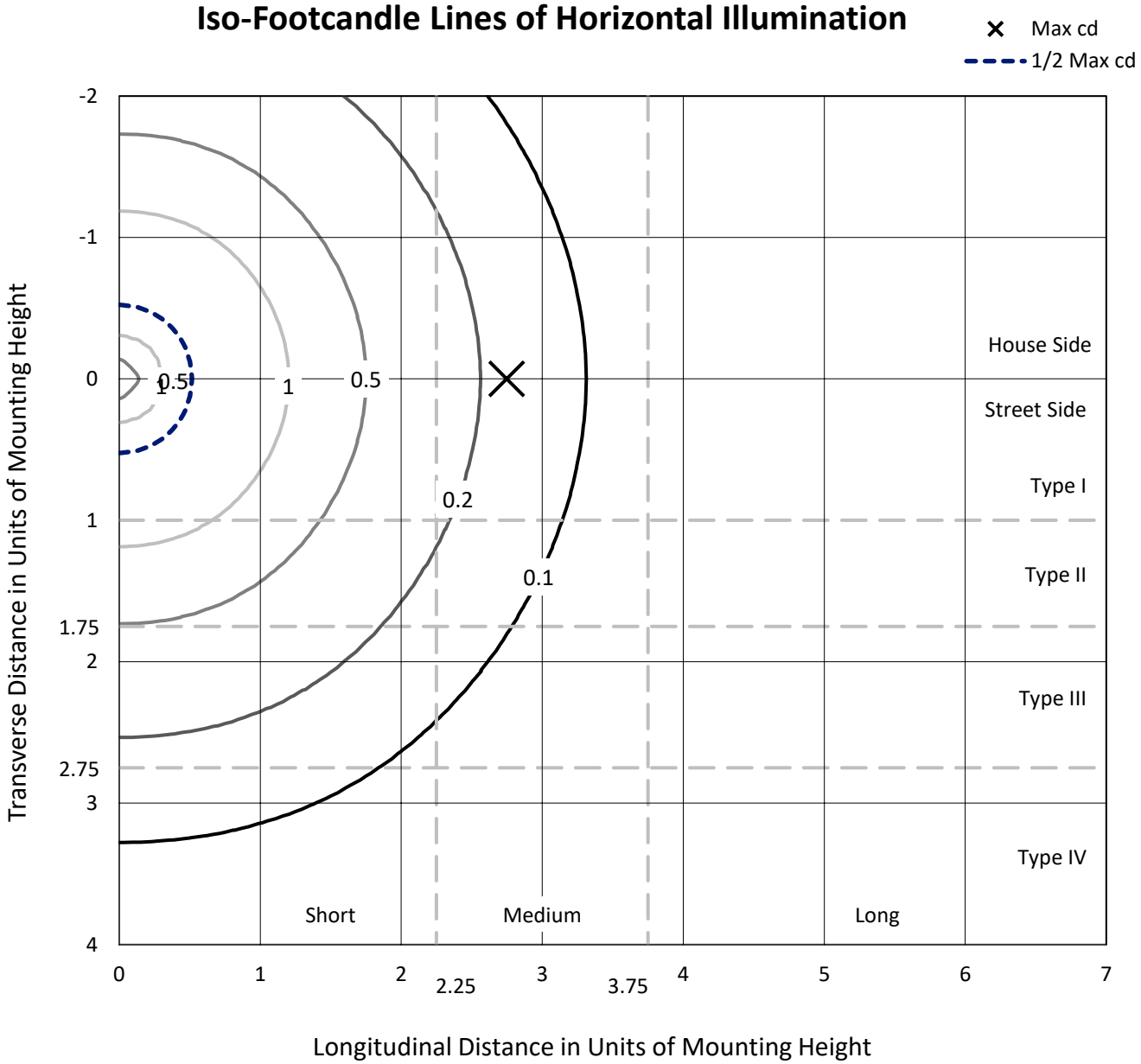


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Scaled Data Report

REPORT NUMBER: P981275
CATALOG NUMBER: FFX-CLB-60-722-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



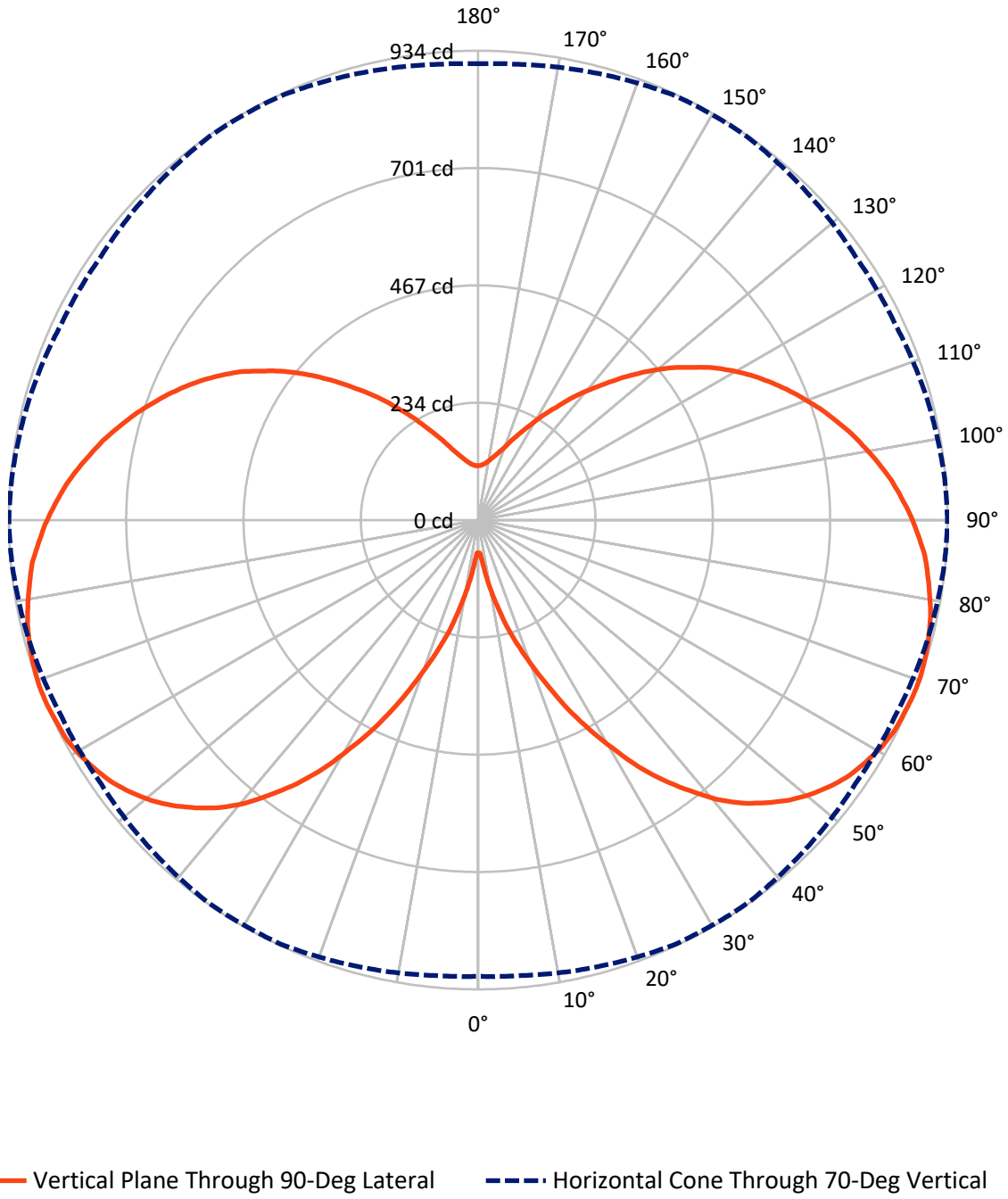
Based on 15 foot mounting height. Maximum calculated value = 1.6 fc
Type V - Short - N/A

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REPORT NUMBER: P981275
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Luminous Intensity Polar Plot



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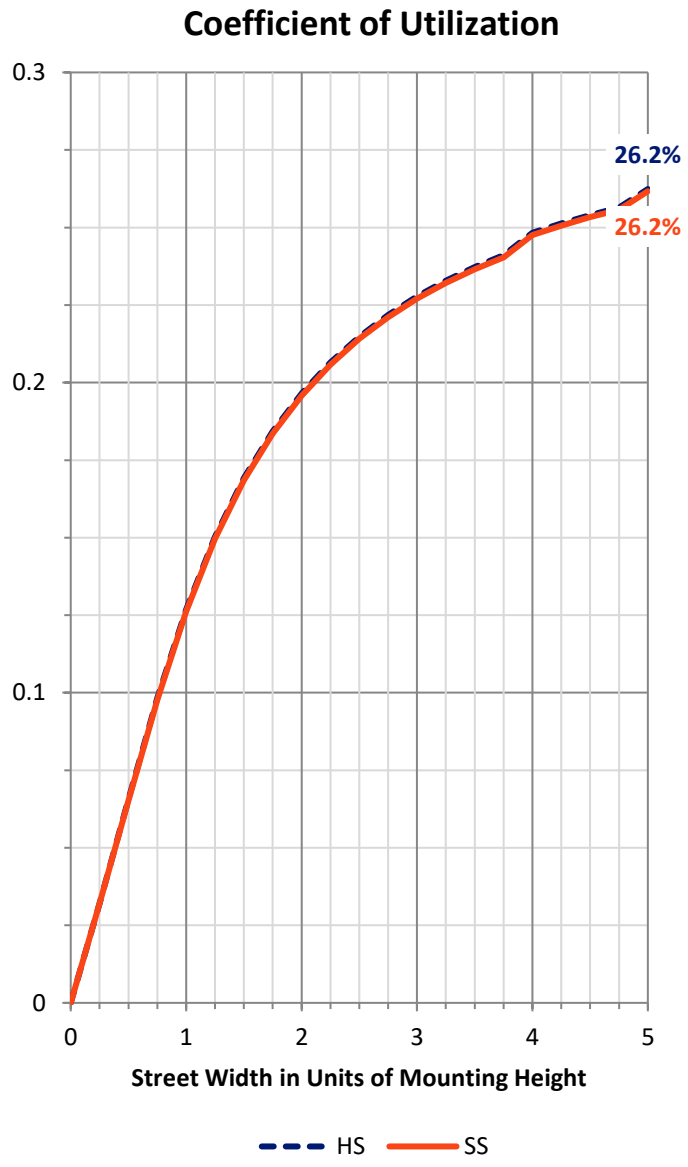
REPORT NUMBER: P981275
CATALOG NUMBER: FFX-CLB-60-722-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2459.4	1694.6	4153.9
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	2459.4	1694.6	4153.9
	% Fixture	29.6	20.4	50.0
Total	Lumens	4918.7	3389.1	8307.9
	% 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°	396.5	4.8
40°-50°	615.2	7.4
50°-60°	794.5	9.6
60°-70°	913.5	11.0
70°-80°	968.0	11.7
80°-90°	960.0	11.6
90°-100°	892.4	10.7
100°-110°	778.0	9.4
110°-120°	635.3	7.6
120°-130°	471.1	5.7
130°-140°	304.9	3.7
140°-150°	172.5	2.1
150°-160°	86.0	1.0
160°-170°	38.2	0.5
170°-180°	10.8	0.1
0°-90°	4918.7	59.2
0°-180°	8307.9	100.0



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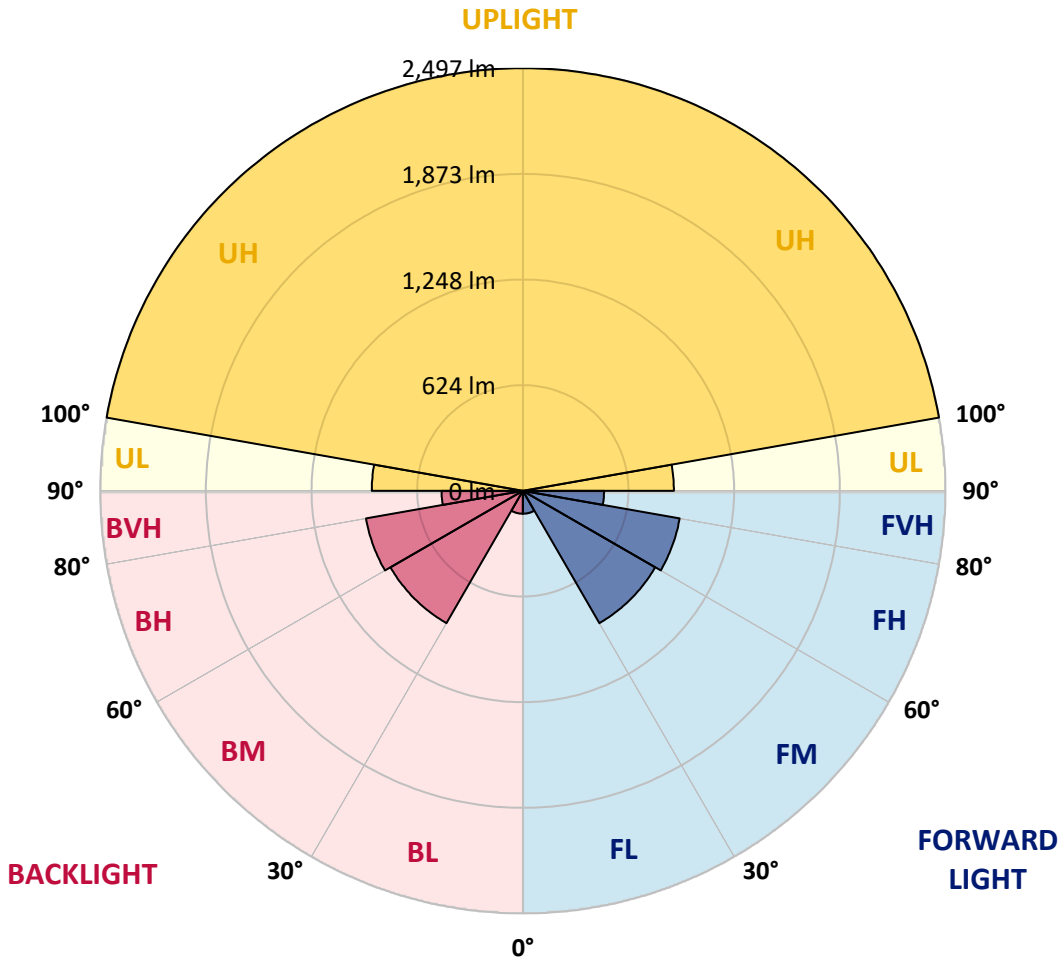
Scaled Data Report

REPORT NUMBER: P981275
CATALOG NUMBER: FFX-CLB-60-722-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	135.6	1.6			
FM	(30°-60°)	903.1	10.9			
FH	(60°-80°)	940.8	11.3			G1/1800
FVH	(80°-90°)	480.0	5.8			G3/500
BL	(0°-30°)	135.6	1.6	B1/500		
BM	(30°-60°)	903.1	10.9	B1/1000		
BH	(60°-80°)	940.8	11.3	B2/1000		G1/1800
BVH	(80°-90°)	480.0	5.8			G3/500
UL	(90°-100°)	892.4	10.7		U4/1000	
UH	(100°-180°)	2496.7	30.1		U5	

BUG Rating: B2-U5-G3
Type V Short



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REPORT NUMBER: P981275
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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	65.6	65.6	65.6	65.6	65.6	65.6	*65.6*
5°	81.6	81.0	81.0	81.6	81.6	81.6	81.0	81.6	80.5	80.0	*81.0*
7.5°	109.4	109.4	109.4	109.4	108.4	108.4	110.0	108.9	109.4	108.9	*110.0*
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	183.3	181.7	183.3	183.3	183.3	182.2	*181.7*
15°	225.1	224.6	225.6	225.1	223.0	225.1	225.6	224.6	225.1	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	*266.9*
20°	310.8	311.3	309.7	311.3	311.3	312.3	314.4	313.9	314.4	312.8	*311.3*
22.5°	359.8	360.3	358.8	358.2	361.3	360.8	360.8	362.4	363.4	363.4	*362.4*
25°	412.5	411.4	411.4	413.0	413.0	412.5	415.0	416.1	415.5	417.1	*418.1*
27.5°	465.1	464.1	464.1	466.1	466.1	466.1	466.1	470.8	471.3	472.3	*472.8*
30°	516.2	519.8	519.8	518.8	520.3	522.9	524.5	524.5	526.0	526.0	*526.5*
32.5°	572.0	572.0	573.0	574.5	574.5	579.2	576.6	580.7	579.7	582.8	*584.9*
35°	624.6	625.6	625.6	628.7	628.7	629.8	630.3	632.9	636.5	636.0	*636.5*
37.5°	673.7	673.1	672.1	676.7	677.8	677.3	677.8	681.9	682.9	684.5	*683.5*
40°	718.6	717.0	719.6	722.2	722.2	723.2	724.2	726.3	728.4	729.4	*731.0*
42.5°	756.2	755.7	758.3	760.4	760.9	761.4	761.4	763.0	768.1	769.7	*770.7*
45°	789.3	788.8	791.9	794.4	796.0	796.0	794.4	796.5	801.2	802.7	*803.2*
47.5°	817.7	818.2	822.3	825.4	826.4	824.9	823.9	825.9	829.5	833.7	*833.2*
50°	841.4	841.9	846.6	851.7	852.3	850.7	848.1	849.7	854.8	857.9	*858.5*
52.5°	861.6	862.1	867.7	872.9	873.4	870.8	867.7	870.3	875.0	878.6	*879.6*
55°	877.6	879.1	884.8	890.5	892.0	888.4	884.3	885.8	891.0	896.7	*897.2*
57.5°	889.4	889.9	897.2	903.4	905.4	900.3	897.2	897.2	903.4	908.5	*909.6*
60°	897.7	899.8	908.0	915.2	916.3	911.6	905.9	907.0	913.7	919.4	*920.9*
62.5°	904.9	907.0	914.7	923.5	924.5	918.3	912.7	913.2	920.9	926.6	*928.7*
65°	908.5	910.1	919.4	928.1	929.2	923.0	916.3	916.8	924.0	930.7	*931.2*
67.5°	909.6	911.1	920.9	931.2	931.8	925.0	917.3	918.9	926.1	932.8	*933.8*
70°	*908.5*	*910.6*	*920.4*	*931.2*	*932.3*	*924.0*	*916.3*	*917.3*	*925.6*	*932.3*	*934.3*
72.5°	904.9	907.5	917.3	928.7	929.2	921.4	913.7	913.7	923.0	930.2	*931.2*
75°	900.3	902.8	913.7	925.0	925.6	917.3	909.0	910.1	918.9	925.6	*926.6*
77.5°	895.1	896.7	907.5	919.4	920.4	911.6	903.4	904.4	912.7	919.9	*920.9*
80°	886.8	888.4	899.8	911.1	912.1	903.4	894.6	896.7	904.9	911.6	*911.6*
82.5°	877.0	878.1	889.4	901.8	902.3	893.6	885.8	886.8	895.1	901.8	*901.8*
85°	865.7	867.2	878.6	890.5	890.5	882.2	873.9	876.0	883.7	889.9	*892.0*
87.5°	853.3	853.8	865.2	876.0	876.5	868.3	861.0	862.6	870.3	876.0	*876.5*
90°	838.8	839.9	850.7	861.0	861.6	853.3	846.6	848.6	854.8	860.0	*861.6*
92.5°	822.8	824.4	834.7	844.5	844.0	836.8	831.1	833.7	838.8	844.0	*844.0*
95°	806.3	808.4	816.6	825.9	824.9	818.7	814.1	816.1	821.3	825.4	*826.4*
97.5°	788.8	789.3	798.1	804.8	804.8	799.1	795.5	797.0	802.2	804.8	*805.8*
100°	769.7	770.2	776.9	783.6	783.6	778.4	775.9	777.4	781.5	783.6	*784.1*
102.5°	750.6	750.1	755.7	761.4	761.4	757.3	755.2	758.3	760.4	761.9	*763.0*
105°	728.9	728.4	733.5	738.7	737.7	735.1	733.0	735.6	738.2	739.2	*739.2*
107.5°	705.1	707.2	710.3	714.4	713.9	711.9	711.9	713.4	714.9	715.5	*716.0*
110°	685.0	684.5	687.6	689.7	690.2	689.1	690.2	690.7	691.2	691.2	*691.2*

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Scaled Data Report

REPORT NUMBER: P981275
CATALOG NUMBER: FFX-CLB-60-722-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	661.8	661.8	662.8	664.4	664.9	665.4	665.9	668.0	666.9	667.5	*666.4*
115°	636.5	637.0	638.0	638.5	639.6	640.1	642.7	642.7	643.2	642.2	*640.6*
117.5°	611.2	612.2	611.7	611.2	613.3	614.8	616.4	617.4	617.4	615.3	*614.3*
120°	583.8	582.8	582.8	582.8	584.3	586.9	589.0	589.5	589.0	586.4	*585.9*
122.5°	553.9	554.9	553.4	553.9	554.4	558.0	559.6	560.6	559.1	556.0	*557.0*
125°	522.9	524.0	521.4	521.4	524.0	525.5	527.0	528.6	526.0	524.5	*523.4*
127.5°	489.9	489.9	489.4	487.8	490.9	492.5	495.6	495.6	493.5	491.4	*492.5*
130°	456.3	455.8	456.8	455.8	456.3	459.4	462.0	461.0	459.9	458.9	*458.9*
132.5°	421.7	422.8	421.7	421.2	423.8	424.8	427.4	428.5	426.4	423.8	*424.8*
135°	389.2	388.7	388.2	388.2	389.7	392.3	393.9	393.4	393.4	392.3	*391.3*
137.5°	355.7	357.2	356.2	356.2	357.2	359.8	362.4	361.9	361.3	359.3	*358.2*
140°	325.7	324.7	325.2	325.2	327.8	327.8	330.4	330.4	329.9	328.3	*329.3*
142.5°	295.8	295.3	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	273.1	273.1	271.5	*271.0*
147.5°	242.6	242.6	242.1	244.2	244.7	246.7	247.3	247.8	246.7	245.7	*247.3*
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	199.3	199.8	201.3	201.3	202.4	201.8	201.3	*201.3*
155°	179.6	180.2	180.2	180.7	181.7	182.2	183.3	182.7	183.3	182.7	*182.7*
157.5°	164.2	165.2	165.2	165.7	165.2	165.7	166.2	166.7	166.7	166.7	*166.7*
160°	151.8	151.2	151.2	151.2	151.2	151.8	152.8	152.3	152.8	152.3	*151.8*
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*

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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: SP1-2501-332-2

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5

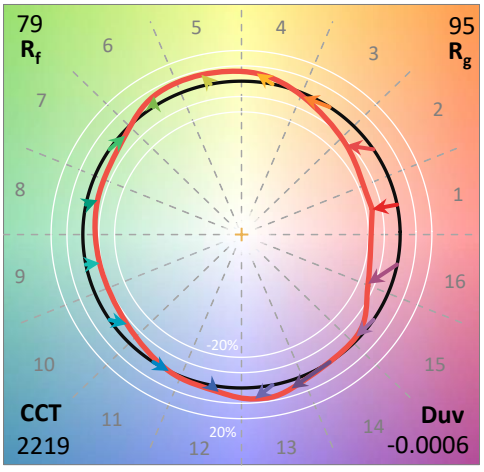
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Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-2
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-100-722-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2219	CRI (Ra):	73.3		
CIE u':	0.2889	R1:	71.2	R9:	-25.6
CIE v':	0.5348	R2:	89.1	R10:	78.7
Duv:	-0.0006	R3:	88.3	R11:	66.6
CIE x:	0.5023	R4:	68.0	R12:	77.1
CIE y:	0.4133	R5:	71.8	R13:	75.0
CIE z:	0.0844	R6:	89.6	R14:	93.9
Peak Wavelength (nm):	606	R7:	71.4	R15:	61.0
Dominant Wavelength (nm):	587	R8:	37.3		
Purity:	74.84521				
Rf:	78.8				
Rg:	94.5				



Test Conditions

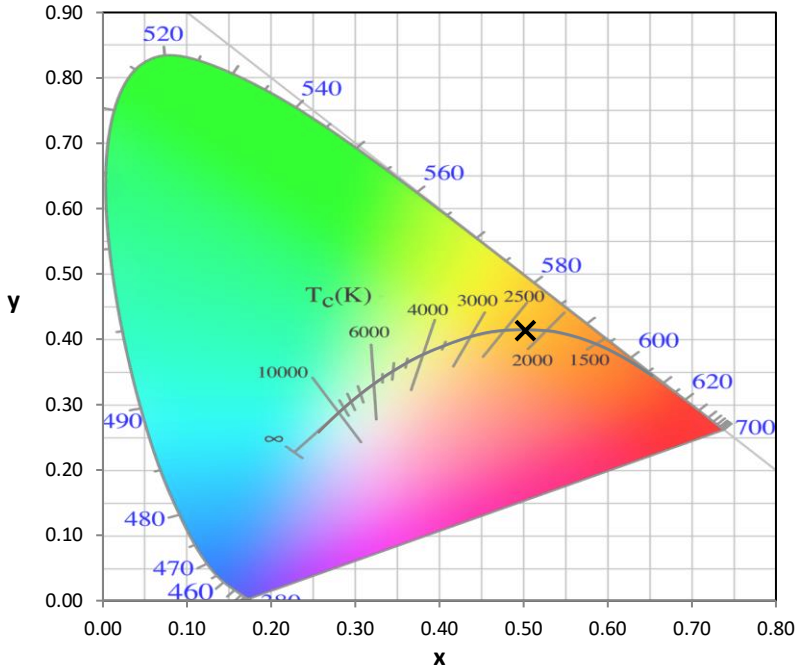
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

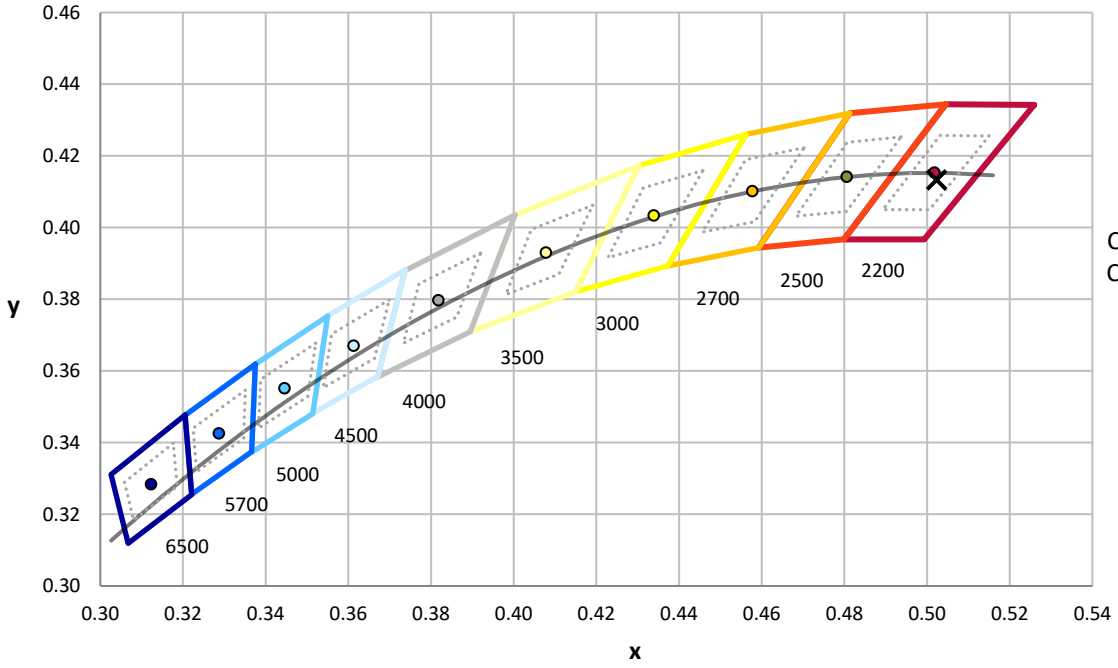
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-2

CIE 1931 Chromaticity Diagram



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

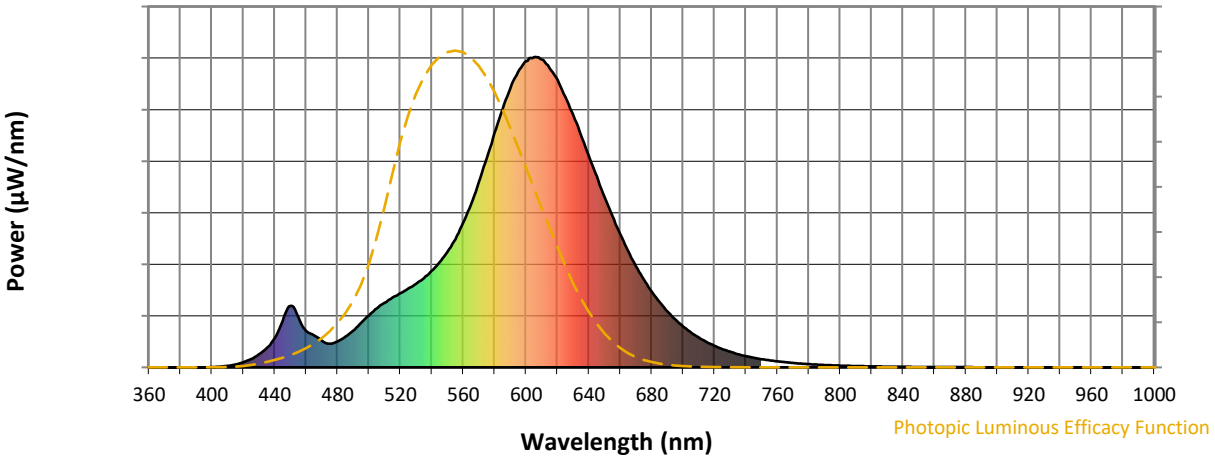


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

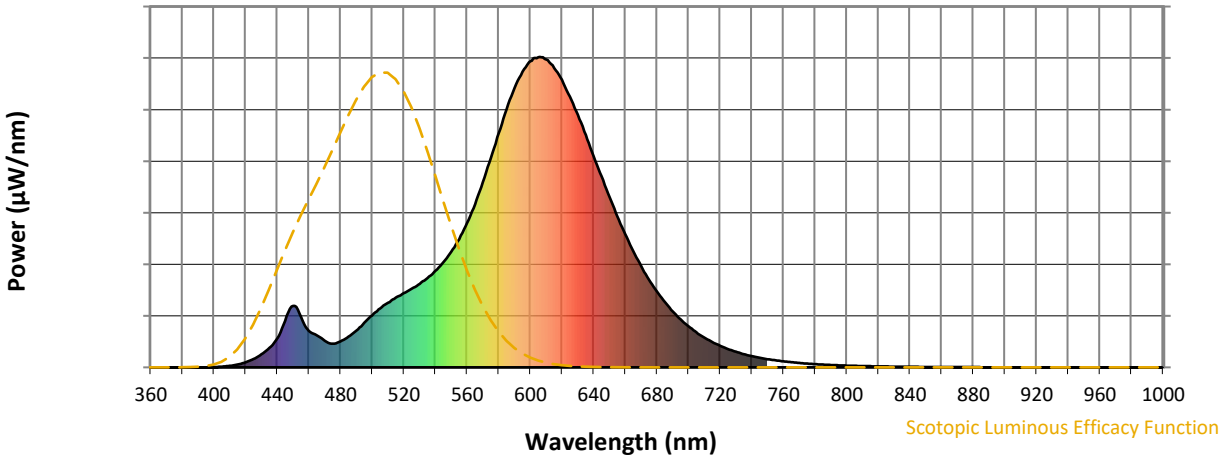


Photopic Lumens: NR

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

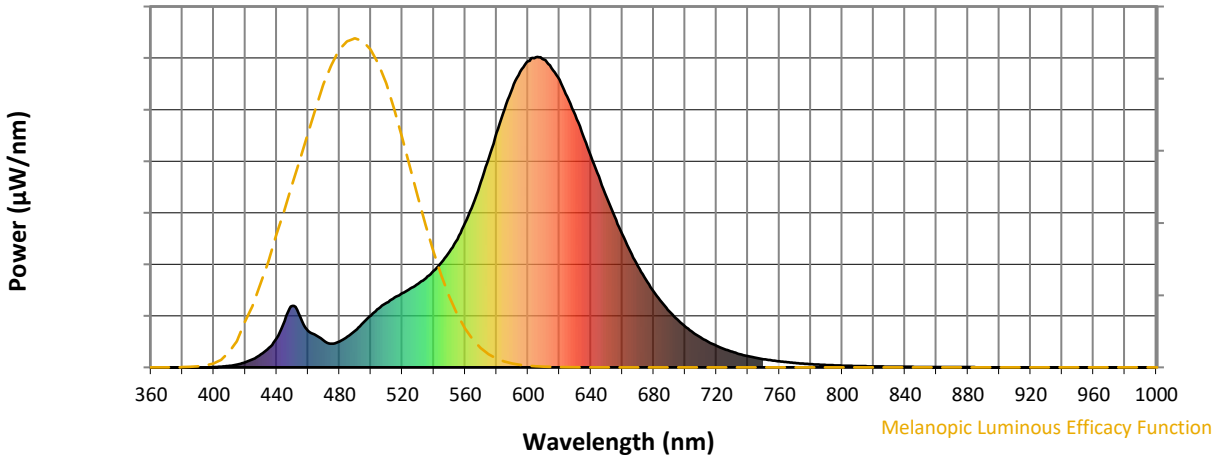


Scotopic Lumens: NR **S/P: 0.94**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.65**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

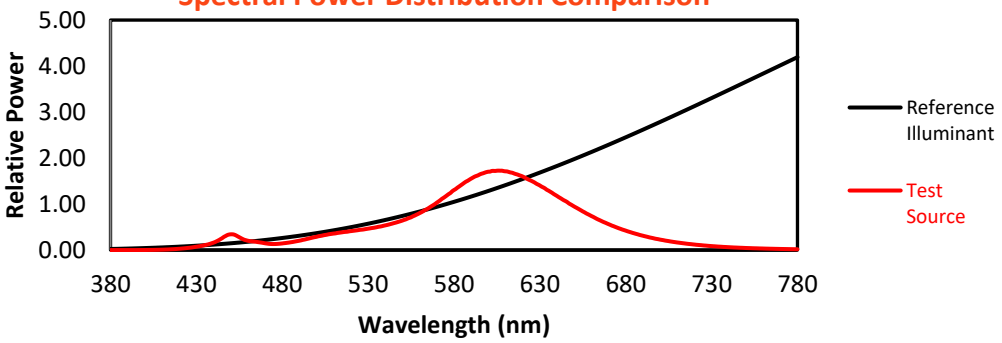
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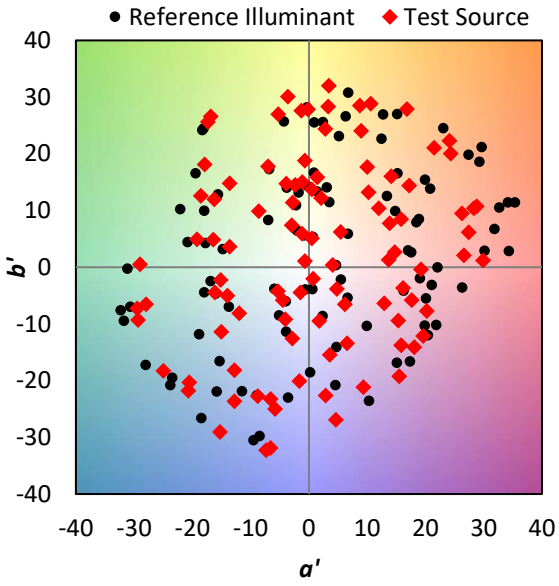
Summary

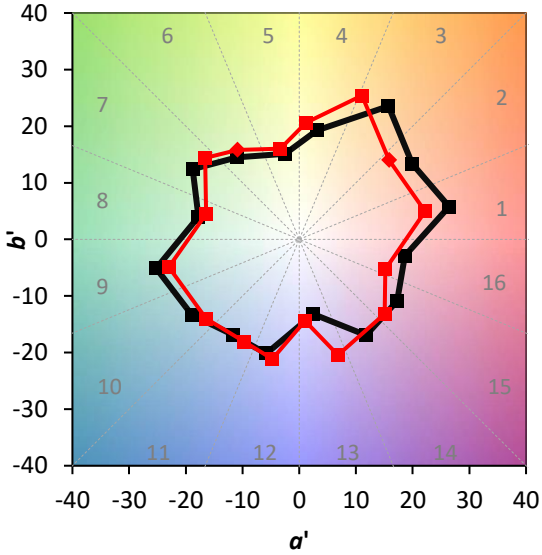
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

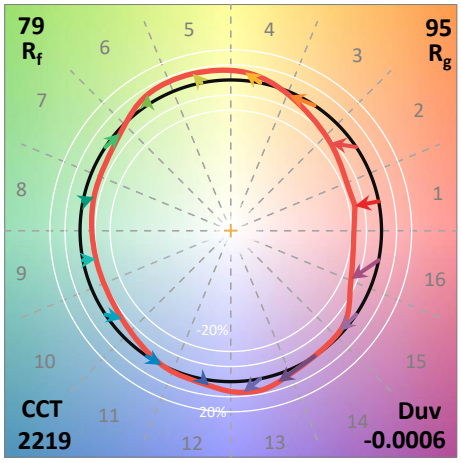
Spectral Power Distribution Comparison

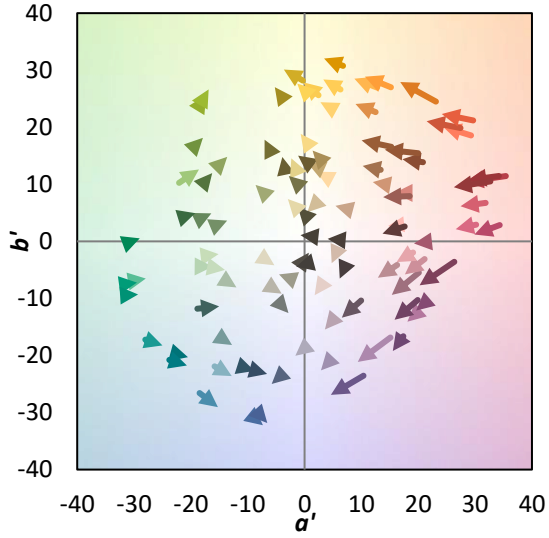


Color Vector Graphics







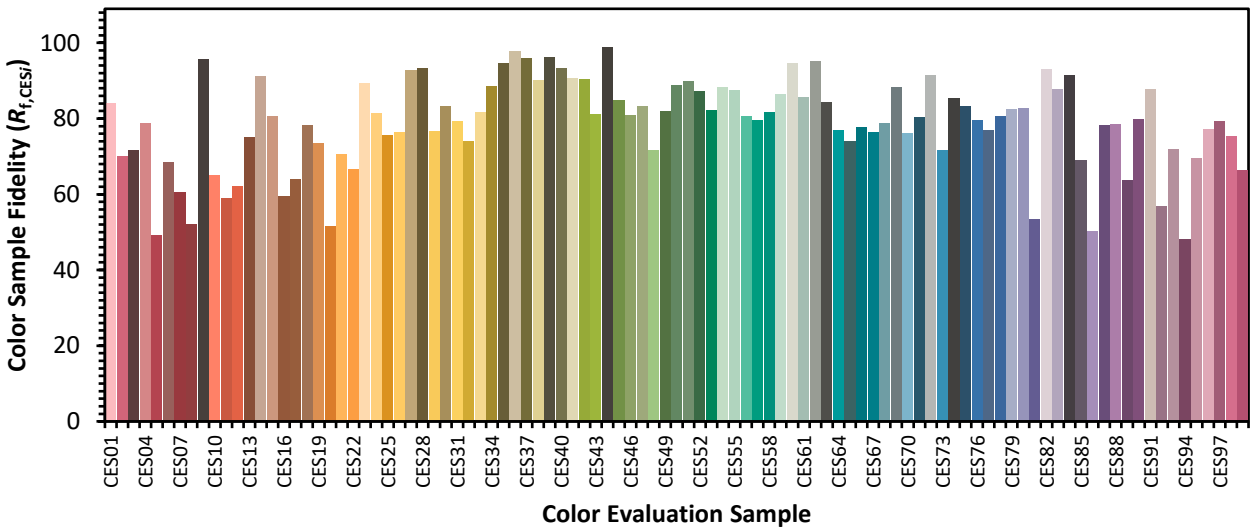


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Individual Sample Fidelity Index ($R_{f,i}$)

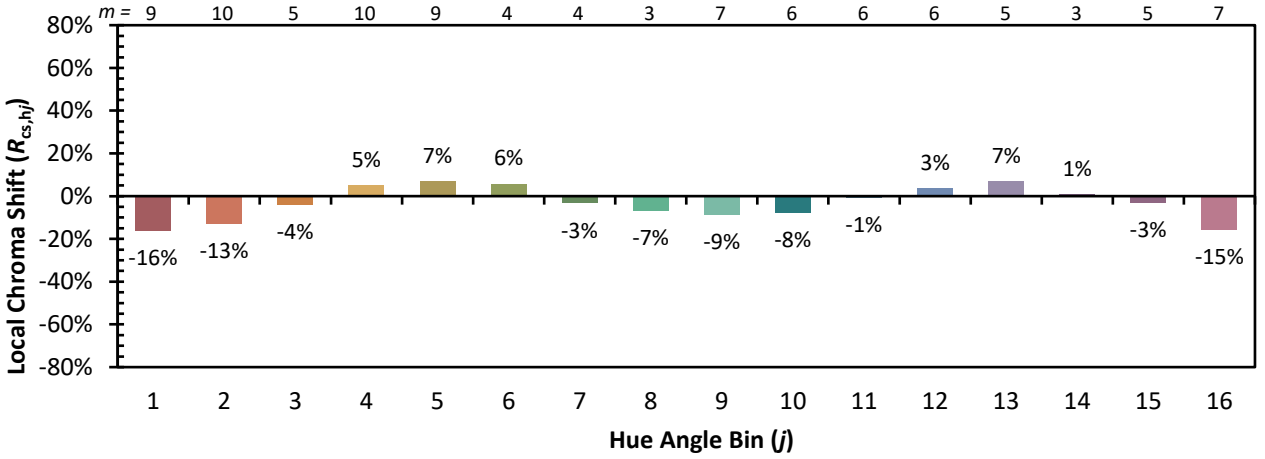
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 93
CES08 = 42	CES33 = 82	CES58 = 82	CES83 = 88
CES09 = 29	CES34 = 89	CES59 = 87	CES84 = 91
CES10 = 79	CES35 = 95	CES60 = 95	CES85 = 69
CES11 = 62	CES36 = 98	CES61 = 86	CES86 = 50
CES12 = 68	CES37 = 96	CES62 = 95	CES87 = 78
CES13 = 45	CES38 = 90	CES63 = 84	CES88 = 79
CES14 = 75	CES39 = 96	CES64 = 77	CES89 = 64
CES15 = 72	CES40 = 93	CES65 = 74	CES90 = 80
CES16 = 49	CES41 = 91	CES66 = 78	CES91 = 88
CES17 = 51	CES42 = 90	CES67 = 77	CES92 = 57
CES18 = 57	CES43 = 81	CES68 = 79	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 88	CES94 = 48
CES20 = 68	CES45 = 85	CES70 = 76	CES95 = 70
CES21 = 88	CES46 = 81	CES71 = 80	CES96 = 77
CES22 = 81	CES47 = 83	CES72 = 91	CES97 = 79
CES23 = 92	CES48 = 72	CES73 = 72	CES98 = 75
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 66
CES25 = 73	CES50 = 89	CES75 = 83	

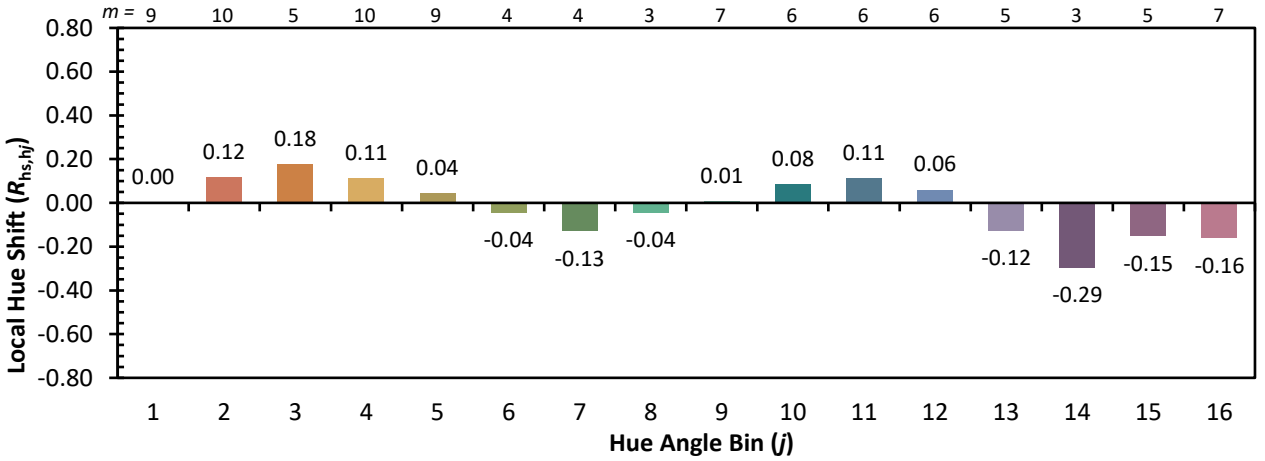


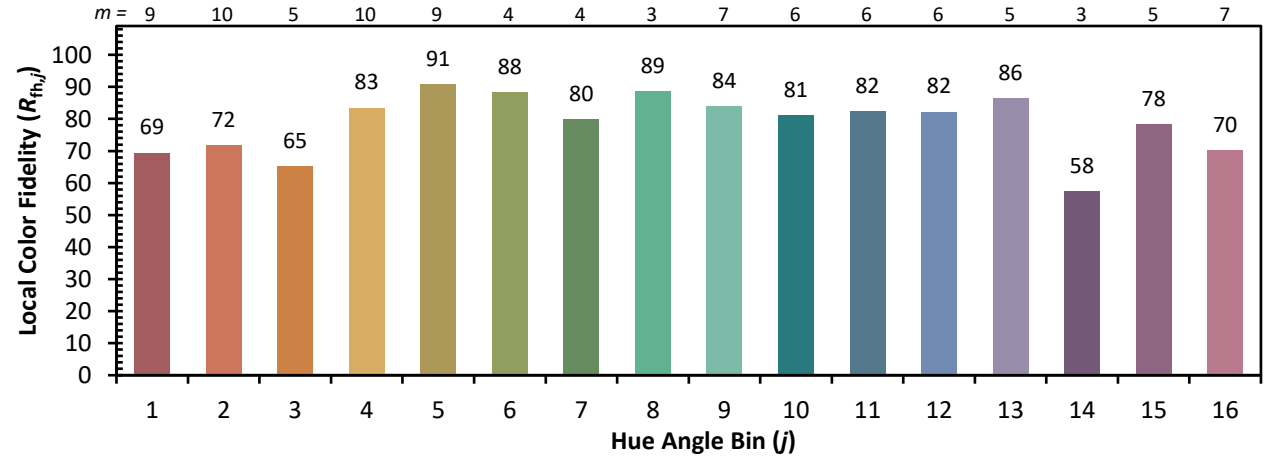
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Color Rendition by Hue-Angle Bin



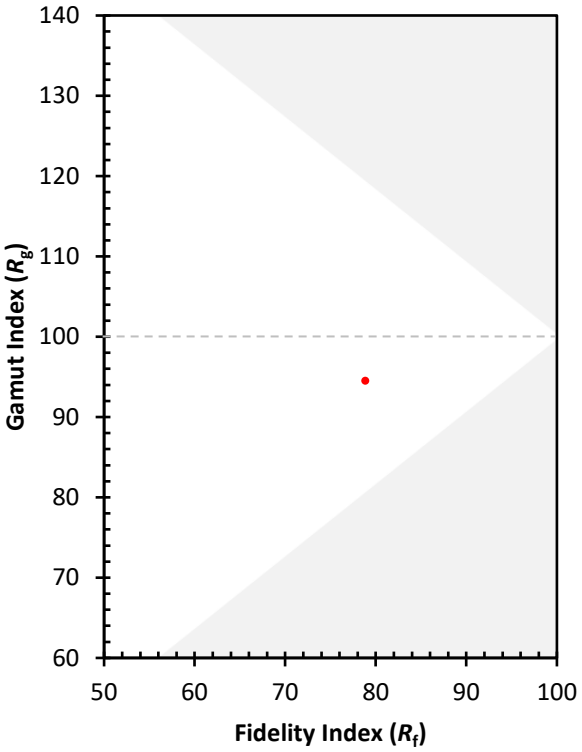


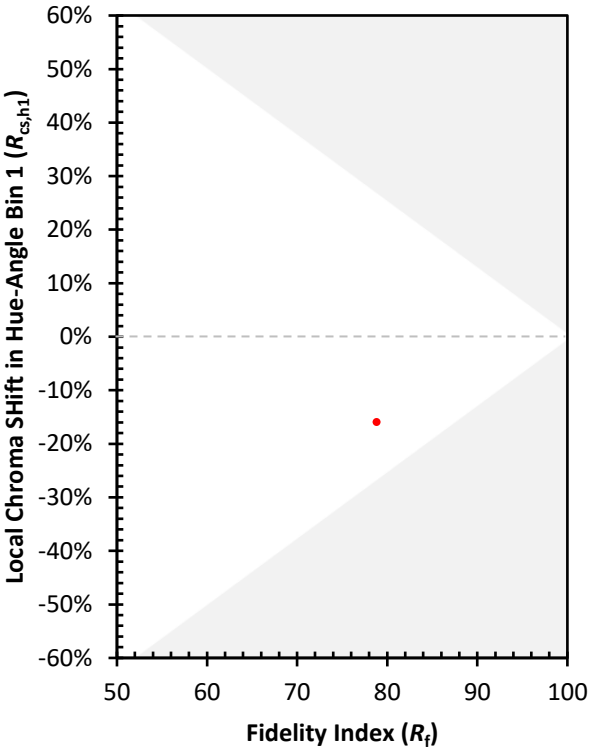


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Measure Comparisons





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