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: P981233

Luminaire Tested: **FFX-CLB-30-722-U-VM8-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:	P981233
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-722-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4251.8 lumens
Efficiency:	N/A
Efficacy:	138.9 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B1 - U5 - G3

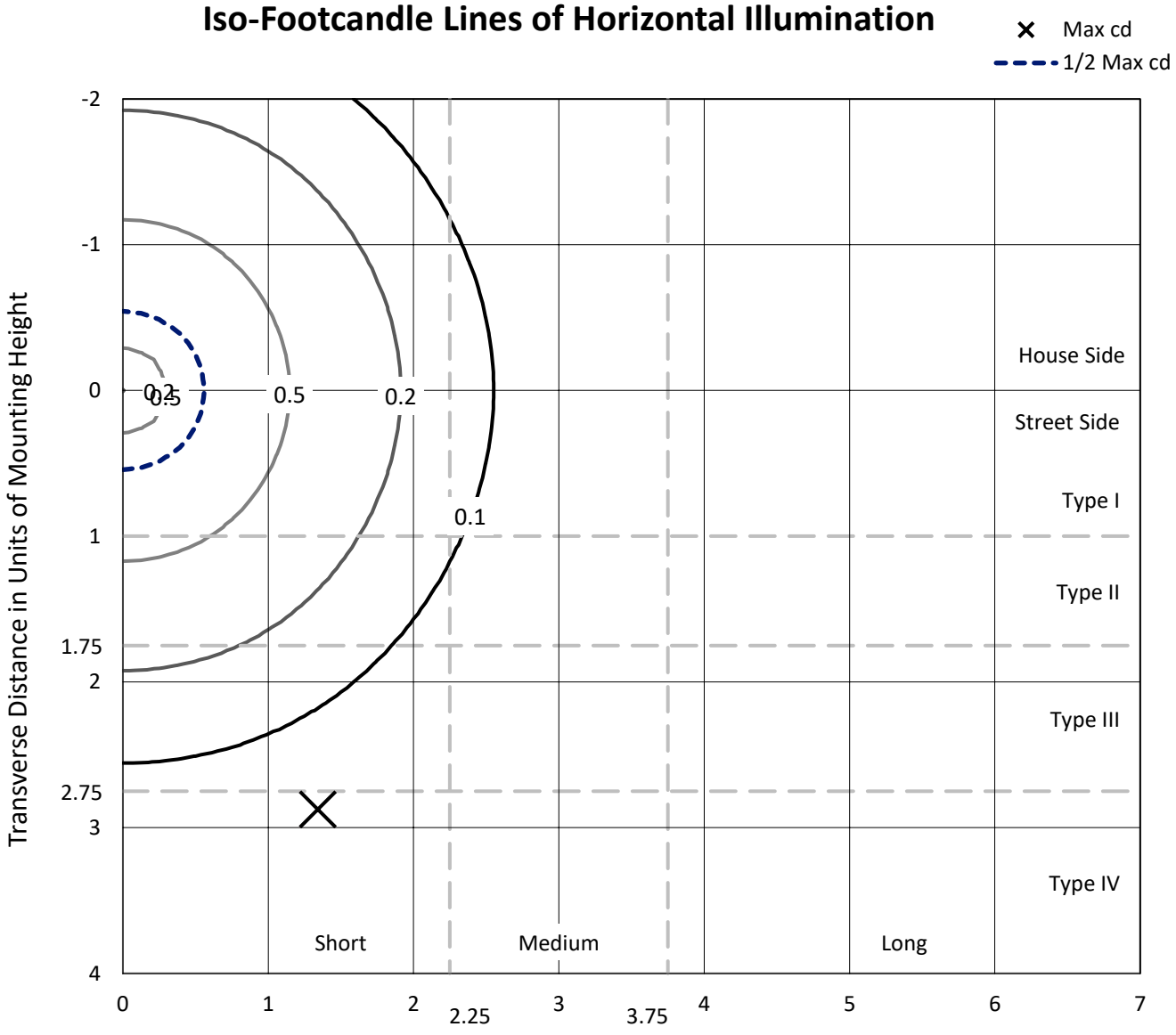
Input Watts (W):	30.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	10.8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981233
CATALOG NUMBER: FFX-CLB-30-722-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



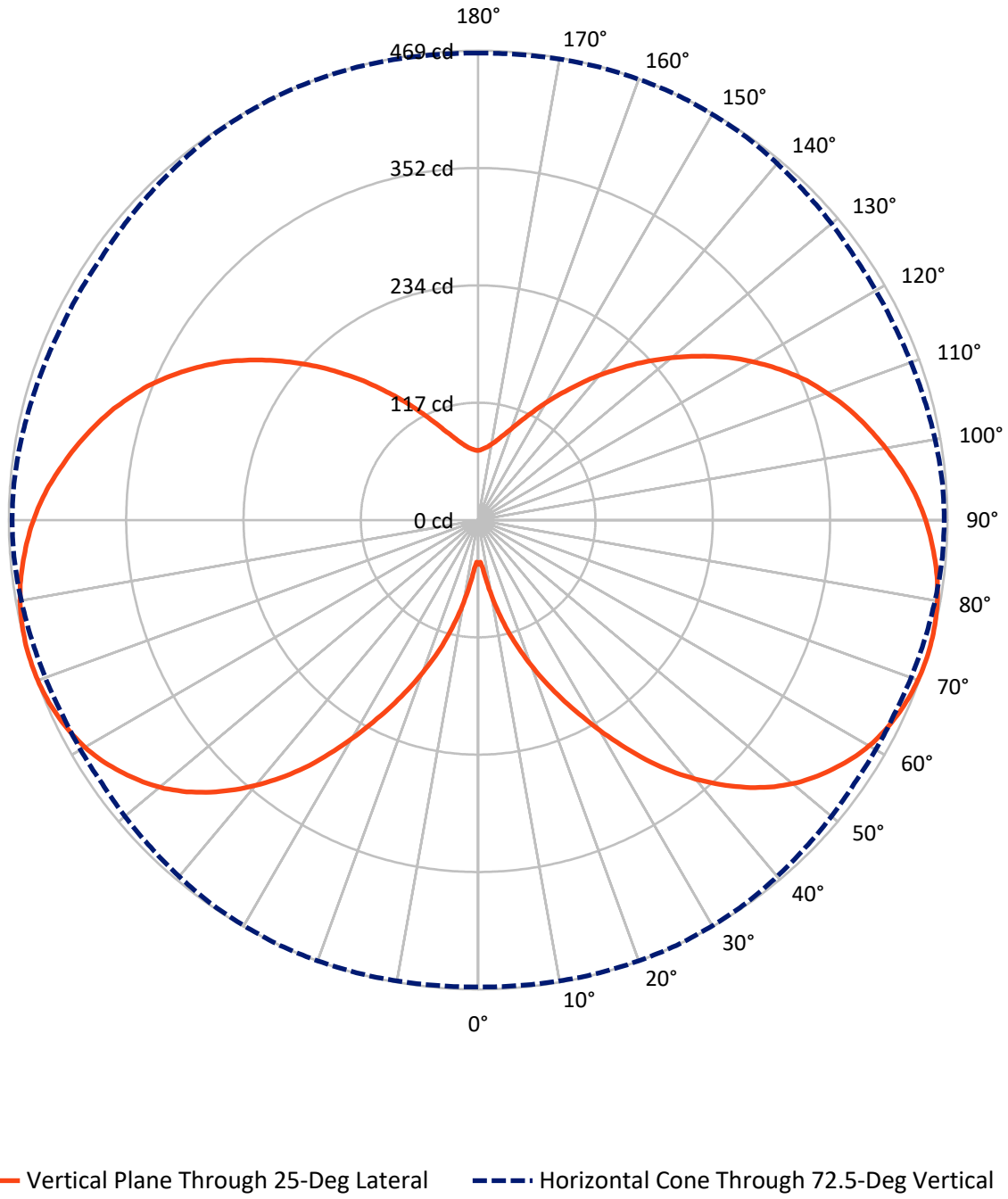
Based on 15 foot mounting height. Maximum calculated value = 0.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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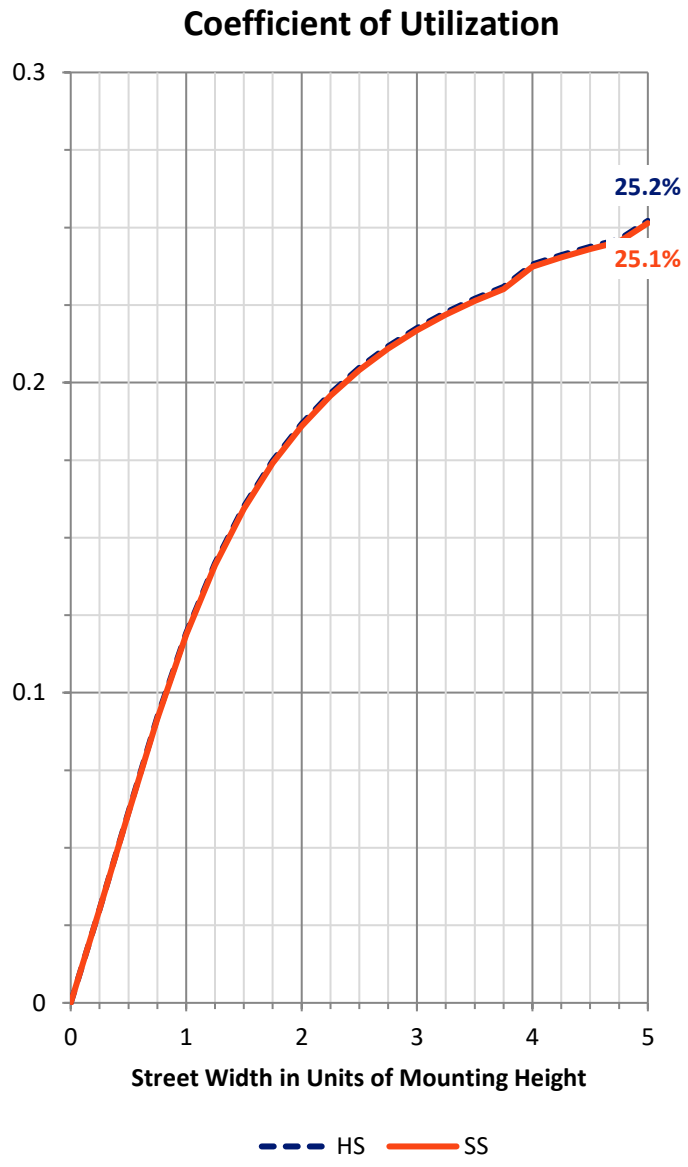
REPORT NUMBER: P981233
CATALOG NUMBER: FFX-CLB-30-722-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1216.3	909.6	2125.9
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	1216.3	909.6	2125.9
	% Fixture	28.6	21.4	50.0
Total	Lumens	2432.5	1819.2	4251.8
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.7	0.1
10°-20°	34.6	0.8
20°-30°	93.6	2.2
30°-40°	184.8	4.3
40°-50°	291.2	6.8
50°-60°	385.8	9.1
60°-70°	453.6	10.7
70°-80°	490.1	11.5
80°-90°	493.1	11.6
90°-100°	464.3	10.9
100°-110°	410.4	9.7
110°-120°	338.3	8.0
120°-130°	252.9	5.9
130°-140°	168.9	4.0
140°-150°	100.3	2.4
150°-160°	52.8	1.2
160°-170°	24.3	0.6
170°-180°	7.0	0.2
0°-90°	2432.5	57.2
0°-180°	4251.8	100.0



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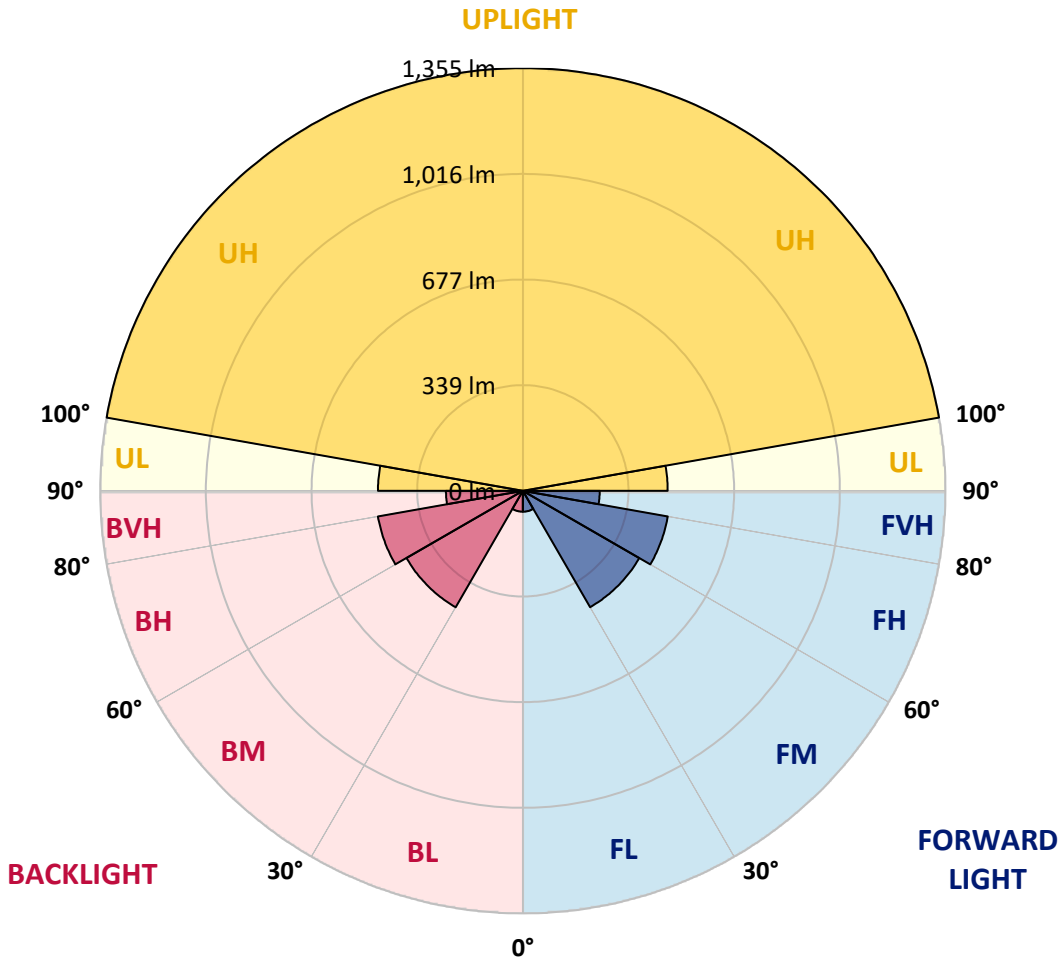
Scaled Data Report

REPORT NUMBER: P981233
CATALOG NUMBER: FFX-CLB-30-722-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	66.9	1.6			
FM	(30°-60°)	430.9	10.1			
FH	(60°-80°)	471.9	11.1			G0/660
FVH	(80°-90°)	246.6	5.8			G3/500
BL	(0°-30°)	66.9	1.6	B0/110		
BM	(30°-60°)	430.9	10.1	B1/1000		
BH	(60°-80°)	471.9	11.1	B1/500		G0/660
BVH	(80°-90°)	246.6	5.8			G3/500
UL	(90°-100°)	464.3	10.9		U3/500	
UH	(100°-180°)	1354.9	31.9		U5	

BUG Rating: B1-U5-G3
Type V Short



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REPORT NUMBER: P981233
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
2.5°	41.5	41.5	41.8	42.0	42.3	42.6	42.8	43.1	43.4	43.1	43.1
5°	47.9	48.4	48.4	48.4	48.2	48.4	49.0	49.0	49.5	49.2	49.0
7.5°	61.5	62.8	62.8	62.5	62.3	62.5	62.3	62.3	62.3	62.0	62.5
10°	80.1	79.6	79.8	79.6	79.0	79.3	79.6	79.0	79.0	79.0	79.0
12.5°	98.2	97.9	98.7	98.5	98.7	97.9	98.5	97.9	97.9	97.1	97.4
15°	119.5	119.5	119.2	118.4	118.7	117.6	118.1	117.9	117.1	117.1	116.8
17.5°	139.2	138.9	139.2	138.1	138.1	137.8	137.3	137.0	137.0	136.2	136.0
20°	158.9	158.3	158.1	158.1	157.3	157.3	156.7	155.7	155.1	155.4	154.9
22.5°	180.1	179.1	179.1	179.1	177.5	176.9	176.7	175.6	175.6	174.8	174.8
25°	201.4	201.7	201.7	200.6	199.8	198.8	198.2	197.4	196.6	196.4	196.6
27.5°	224.8	225.4	224.6	222.7	222.4	221.4	220.1	219.0	219.3	217.9	219.0
30°	250.4	249.3	247.7	247.2	246.1	245.1	244.0	241.9	242.1	241.6	241.9
32.5°	273.8	273.8	273.3	271.7	270.9	268.5	267.4	264.8	265.0	264.8	263.7
35°	299.3	298.5	297.5	297.2	294.6	293.0	291.1	288.2	288.7	288.4	288.7
37.5°	320.9	321.2	321.7	320.4	318.0	315.8	313.7	311.6	311.1	311.3	310.8
40°	344.3	344.0	343.5	341.9	340.1	337.7	335.0	333.7	332.1	333.1	332.9
42.5°	363.5	364.3	364.0	362.4	360.0	357.6	355.5	353.4	352.6	352.3	352.3
45°	382.1	382.4	381.6	381.3	378.1	376.0	373.3	371.5	370.9	370.9	371.7
47.5°	399.4	399.1	398.6	398.1	395.7	392.5	389.3	388.0	387.7	388.2	388.5
50°	413.2	413.8	413.5	412.7	410.3	407.4	403.9	402.6	402.9	403.4	403.7
52.5°	425.7	425.7	426.0	424.9	422.8	419.6	416.4	415.4	415.4	416.2	415.6
55°	435.3	435.8	436.1	435.3	434.0	430.3	427.1	425.2	426.0	426.8	427.1
57.5°	444.4	444.9	444.9	444.9	442.8	439.3	436.1	434.5	435.6	436.9	437.2
60°	451.5	451.8	452.6	452.6	450.7	446.8	443.3	442.0	443.3	445.2	444.9
62.5°	456.9	456.9	457.9	458.2	456.3	452.3	448.9	447.8	449.4	451.5	452.3
65°	461.4	461.7	462.5	462.7	461.1	456.6	452.9	452.6	454.7	456.9	457.1
67.5°	463.8	464.1	465.4	465.9	464.1	459.5	456.1	455.3	458.2	460.9	461.1
70°	465.4	465.9	467.5	468.0	466.2	461.4	457.7	457.4	460.6	463.5	463.8
72.5°	466.4	466.7	468.3	468.8	467.0	462.5	458.7	458.7	461.7	465.1	465.6
75°	466.4	466.7	468.0	468.8	467.0	462.2	458.2	458.2	462.2	465.6	466.4
77.5°	464.3	465.1	466.7	467.5	465.6	460.9	457.1	457.1	461.1	464.8	465.6
80°	462.2	462.5	464.3	465.4	463.3	458.7	454.7	454.7	459.0	463.0	463.5
82.5°	458.7	459.0	460.9	461.9	460.1	455.3	451.3	451.5	455.5	459.5	460.1
85°	453.9	454.5	456.3	457.1	455.5	450.5	446.8	447.0	451.3	455.0	455.5
87.5°	448.9	448.9	451.0	451.8	450.2	445.2	441.4	441.4	445.7	449.7	449.9
90°	442.0	442.5	444.4	445.7	443.6	439.3	435.3	435.3	439.3	443.0	444.1
92.5°	435.6	435.8	437.7	438.5	436.6	432.1	428.7	428.7	432.7	436.4	436.9
95°	427.9	427.9	429.2	430.3	428.1	424.4	421.2	421.2	424.4	427.6	428.1
97.5°	419.6	419.6	421.2	420.9	419.3	415.4	412.7	412.4	415.6	418.3	419.1
100°	410.3	410.8	411.9	411.6	410.3	406.3	403.9	403.9	406.3	408.7	409.2
102.5°	401.3	401.3	401.8	401.5	399.7	396.2	394.9	394.6	396.7	398.3	398.6
105°	391.9	391.9	391.4	391.4	389.0	386.4	384.8	384.8	386.6	387.7	387.7
107.5°	381.3	380.8	381.3	380.5	378.1	375.4	374.6	374.4	375.2	376.2	375.7
110°	370.4	370.1	369.9	368.3	366.4	364.8	363.5	363.5	364.3	364.5	364.5

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CATALOG NUMBER: FFX-CLB-30-722-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	358.9	358.7	357.9	*356.6*	354.4	352.8	351.8	351.8	352.0	351.8	351.2
115°	346.4	345.9	345.1	*342.7*	340.6	339.5	339.0	339.5	339.3	338.5	338.5
117.5°	332.9	332.3	331.0	*328.3*	326.5	325.7	326.0	325.7	325.2	324.4	324.6
120°	317.7	317.7	315.6	*313.4*	311.9	311.9	311.6	311.6	310.8	309.7	309.2
122.5°	302.0	302.0	300.1	*298.3*	296.4	296.4	296.7	296.4	295.9	294.8	294.3
125°	286.8	285.5	283.9	*281.8*	280.5	280.2	281.0	281.3	280.2	278.9	279.1
127.5°	270.1	269.3	267.7	*265.3*	264.2	264.0	264.8	265.3	264.0	263.2	262.9
130°	252.5	252.0	250.7	*248.8*	247.7	248.0	248.8	249.6	248.3	247.5	246.9
132.5°	235.2	235.2	234.4	*232.6*	231.2	232.3	232.8	233.4	232.0	231.8	231.5
135°	219.5	219.3	217.7	*216.6*	215.5	215.8	216.9	216.6	216.3	215.8	215.3
137.5°	203.3	203.3	202.5	*200.6*	200.6	200.9	201.4	201.4	201.7	200.6	200.9
140°	188.1	187.9	187.3	*186.0*	185.2	185.7	186.3	186.5	186.5	185.5	185.7
142.5°	173.8	173.5	171.9	*171.1*	171.1	171.4	171.6	171.9	171.9	171.4	171.6
145°	158.3	158.9	158.1	*157.3*	157.3	157.3	158.1	158.3	158.6	158.1	158.1
147.5°	145.5	146.1	145.3	*144.7*	144.7	144.7	145.3	145.5	145.0	145.3	145.3
150°	133.6	133.6	133.0	*132.8*	132.5	132.8	133.3	133.6	133.6	133.0	133.0
152.5°	122.1	121.9	121.6	*121.6*	121.6	121.6	122.1	122.1	122.4	122.4	121.9
155°	112.3	112.0	112.0	*111.8*	112.0	112.0	112.0	112.3	112.3	112.6	112.8
157.5°	103.2	103.0	103.2	*103.2*	103.2	103.5	103.5	103.8	103.2	103.5	103.8
160°	95.8	96.1	95.8	*95.5*	95.5	95.8	95.8	96.1	96.1	95.8	96.1
162.5°	89.4	89.4	89.1	*89.4*	89.7	89.4	89.4	89.7	89.7	89.7	89.7
165°	84.3	84.1	84.1	*84.1*	84.1	84.1	84.3	84.3	84.3	84.3	84.6
167.5°	79.8	79.6	79.6	*79.6*	79.8	79.8	79.8	80.1	80.1	80.1	79.8
170°	76.4	76.1	76.1	*76.1*	76.4	76.4	76.4	76.4	76.4	76.4	76.4
172.5°	73.4	73.4	73.4	*73.4*	73.4	73.4	73.4	73.4	73.4	73.7	73.4
175°	71.6	71.6	71.6	*71.6*	71.3	71.3	71.6	71.6	71.6	71.6	71.6
177.5°	70.0	70.0	70.2	*70.0*	70.0	70.0	70.2	70.2	70.2	70.0	70.0
180°	69.4	69.4	69.4	*69.4*	69.4	69.4	69.4	69.4	69.4	69.4	69.4

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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: SP1-2501-332-2

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

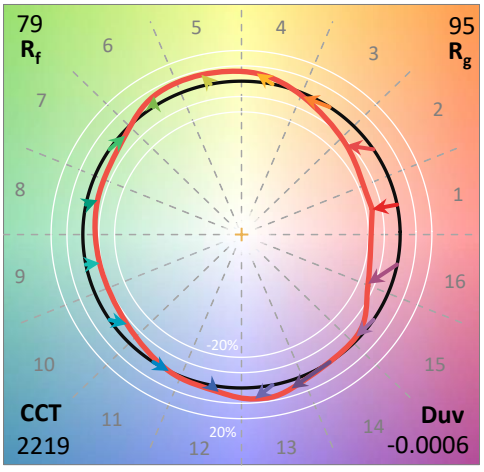
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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

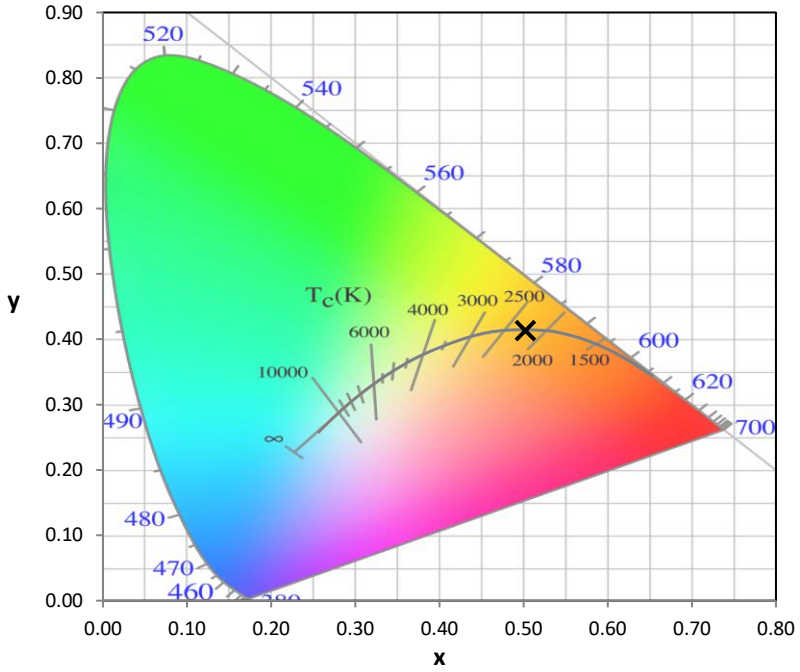
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

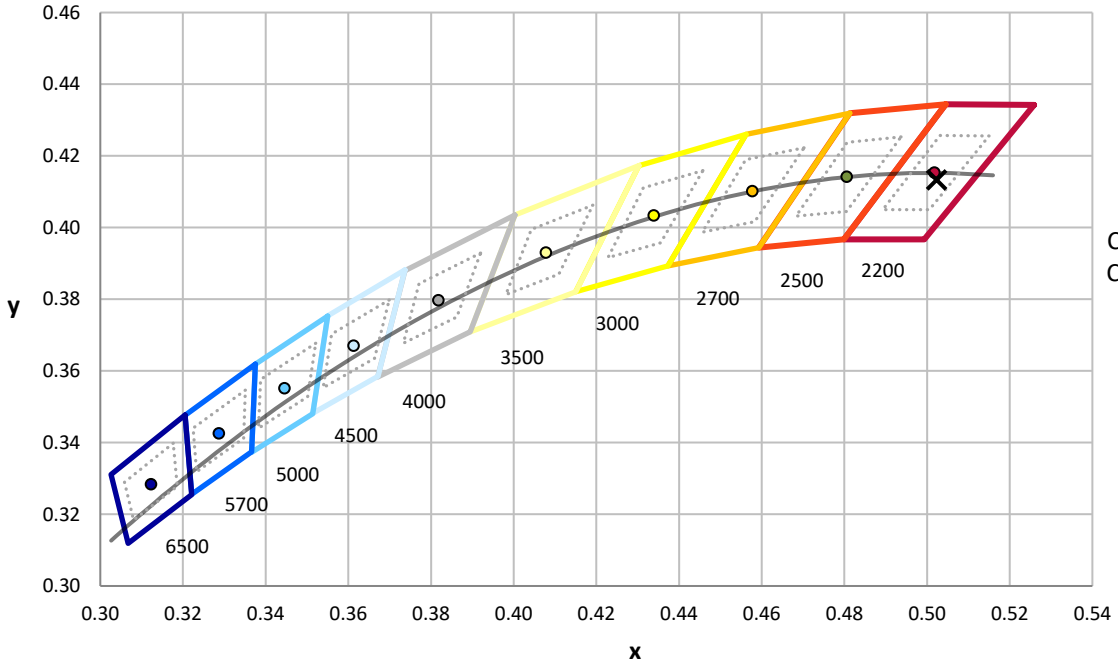
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

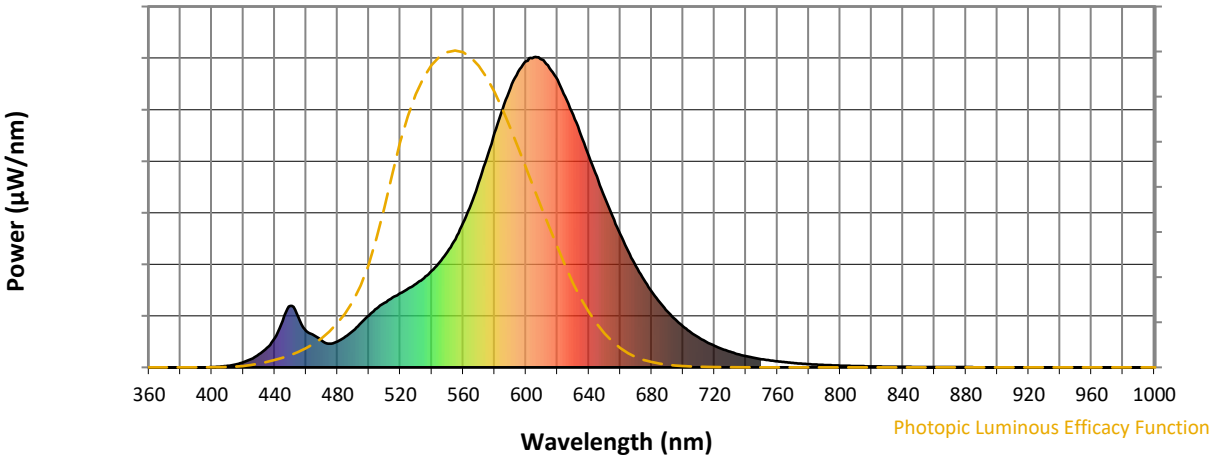


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

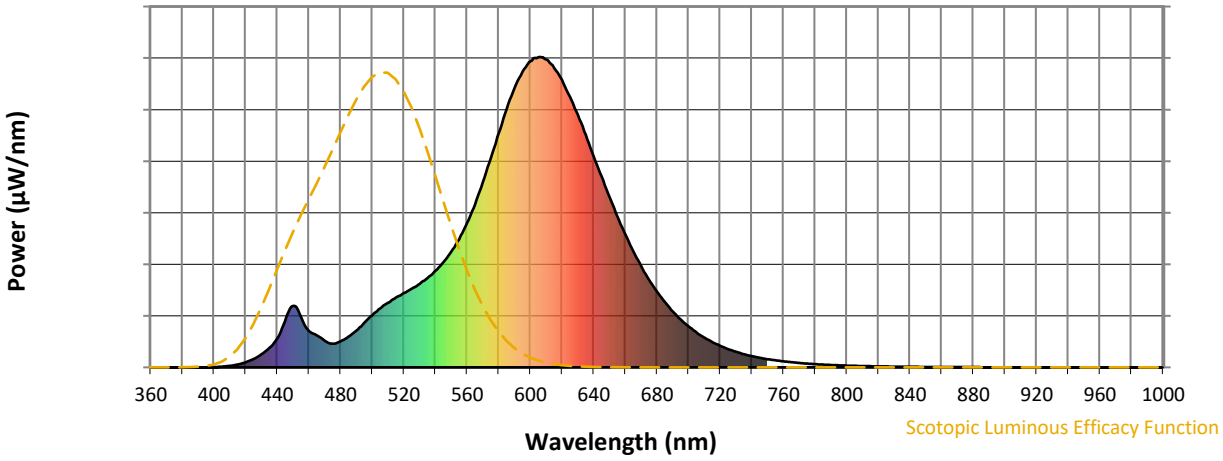


Photopic Lumens: NR

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

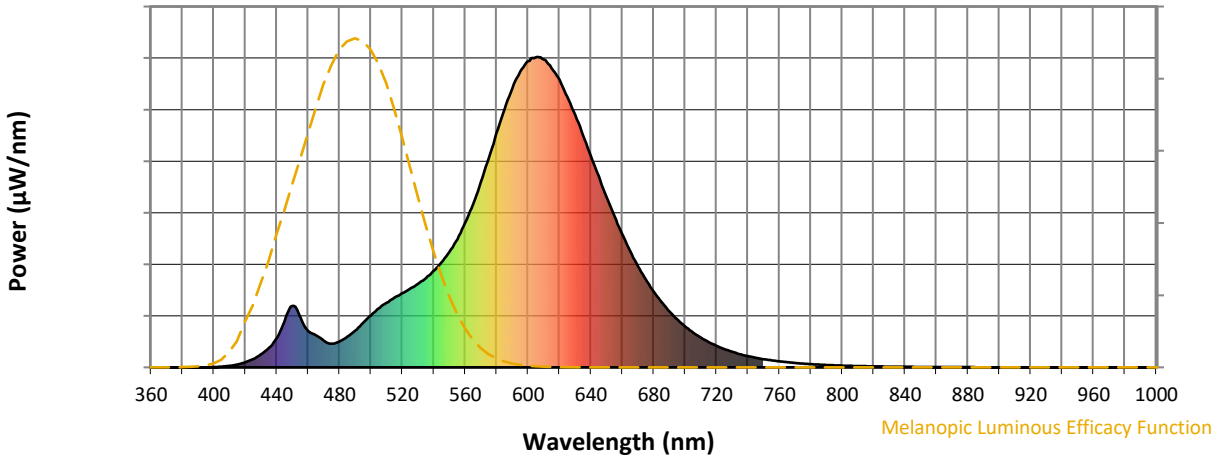


Scotopic Lumens: NR **S/P: 0.94**

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			

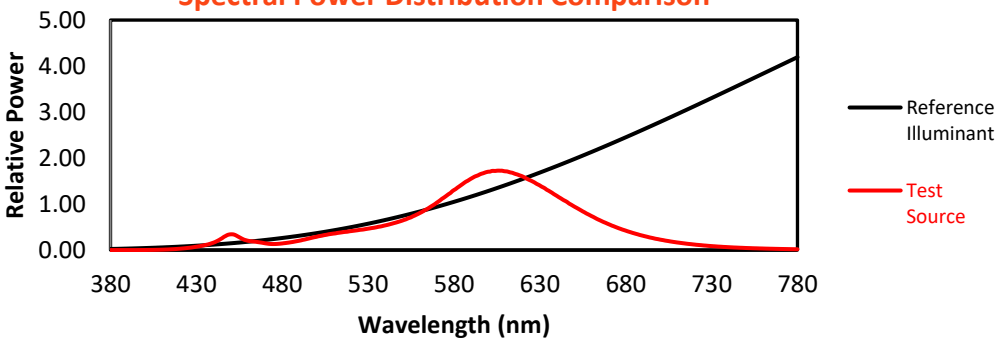
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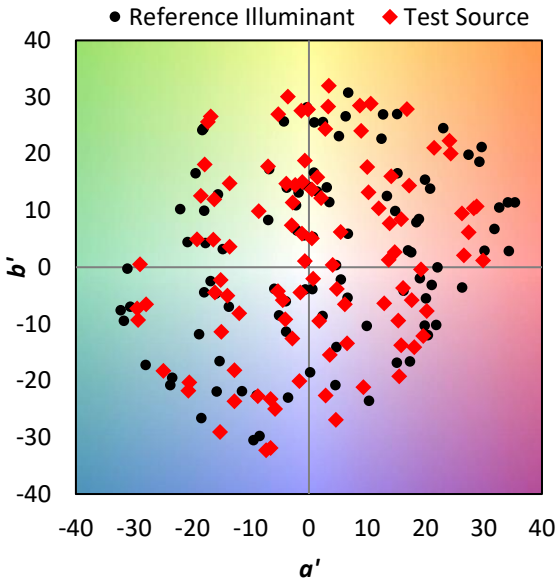
Summary

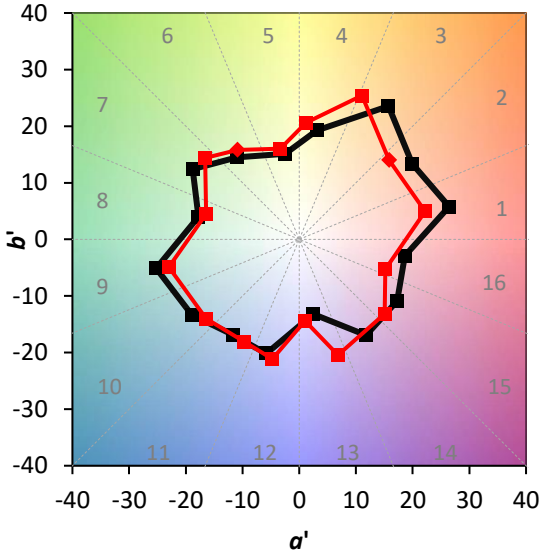
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

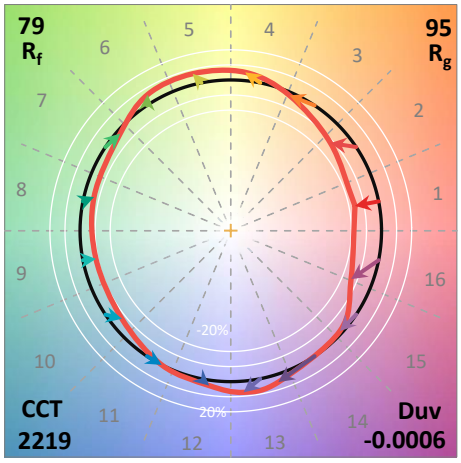
Spectral Power Distribution Comparison

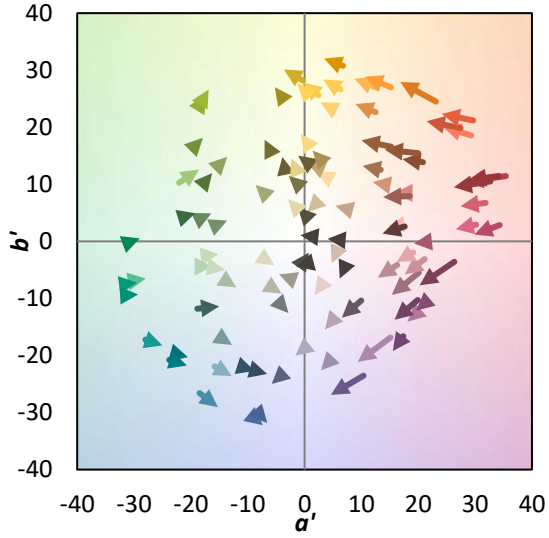


Color Vector Graphics







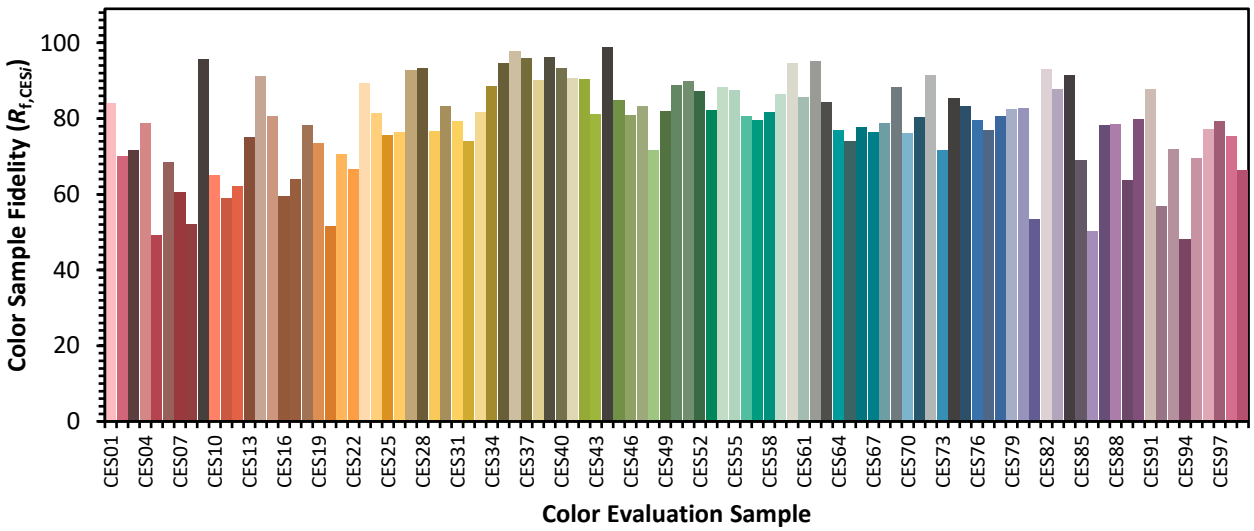


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Individual Sample Fidelity Index ($R_{f,i}$)

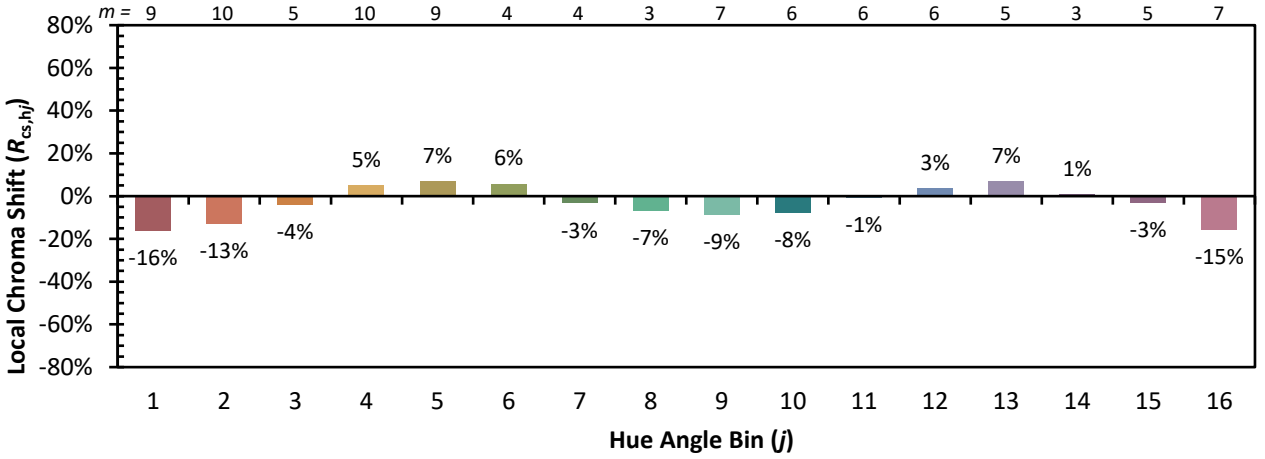
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 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	

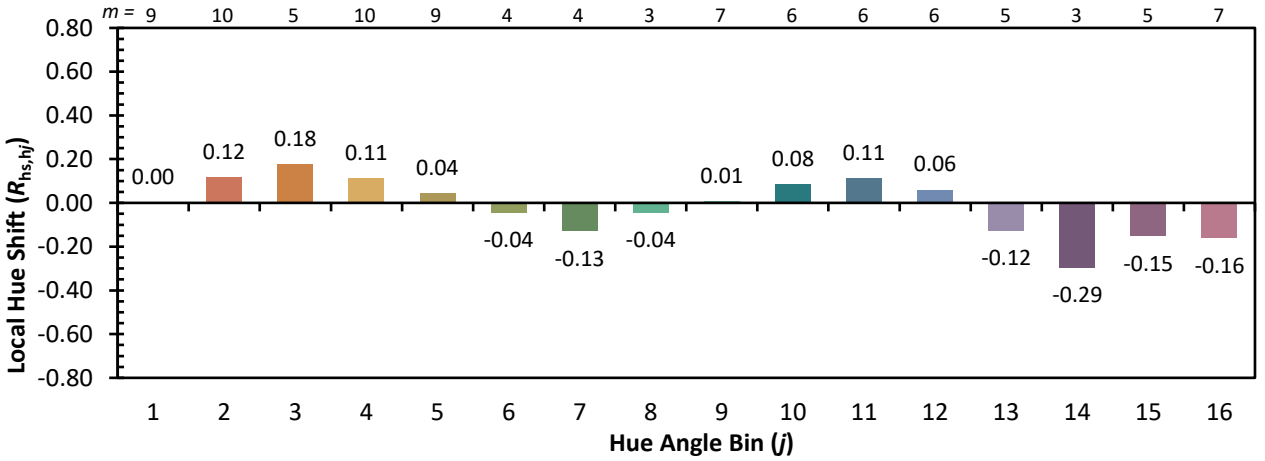


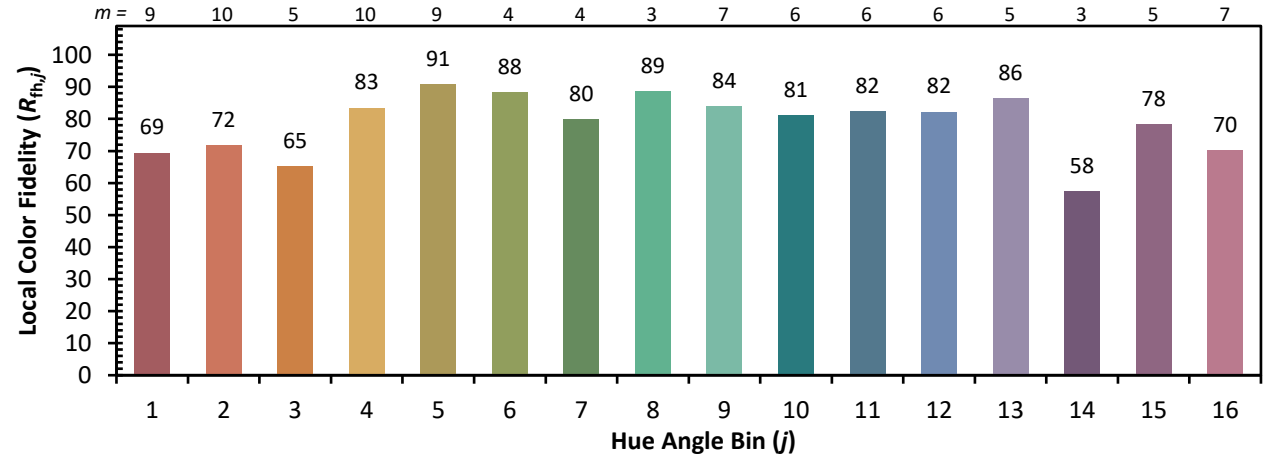
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Color Rendition by Hue-Angle Bin



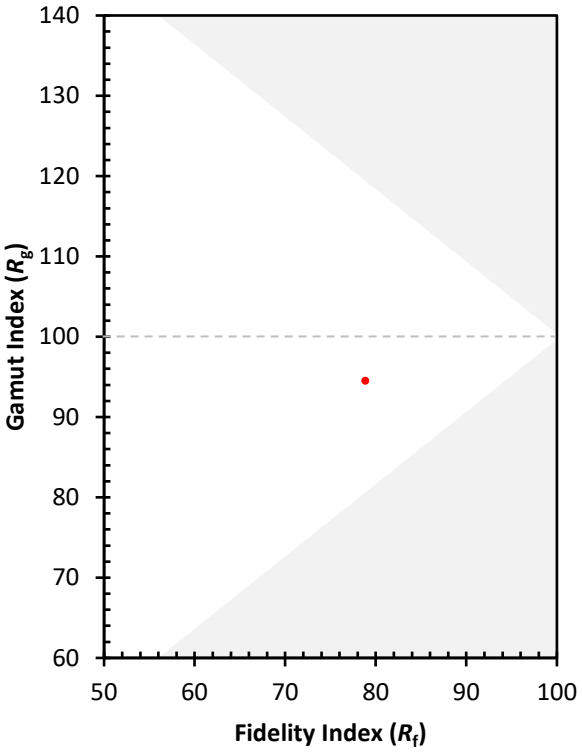


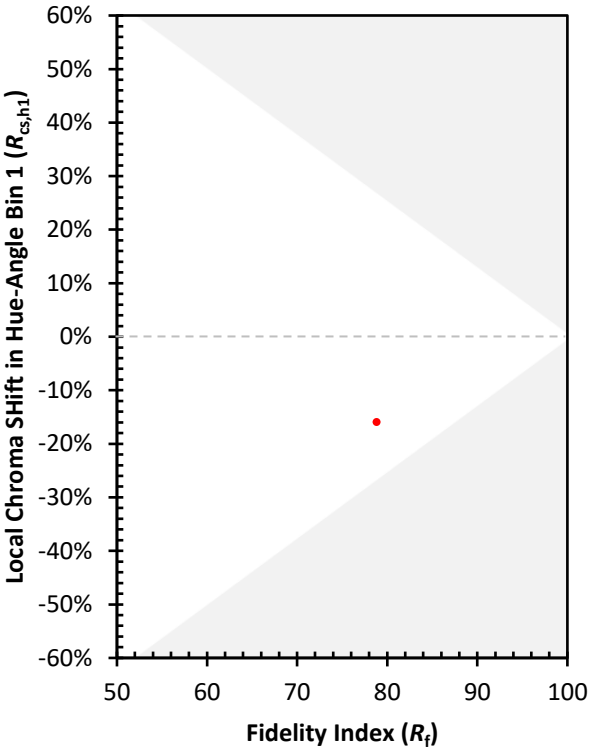


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Measure Comparisons





(END OF REPORT)