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: P981232

Luminaire Tested: **FFX-CLB-40-722-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:	P981232
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-40-722-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:	5475.4 lumens
Efficiency:	N/A
Efficacy:	139.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B2 - U5 - G3

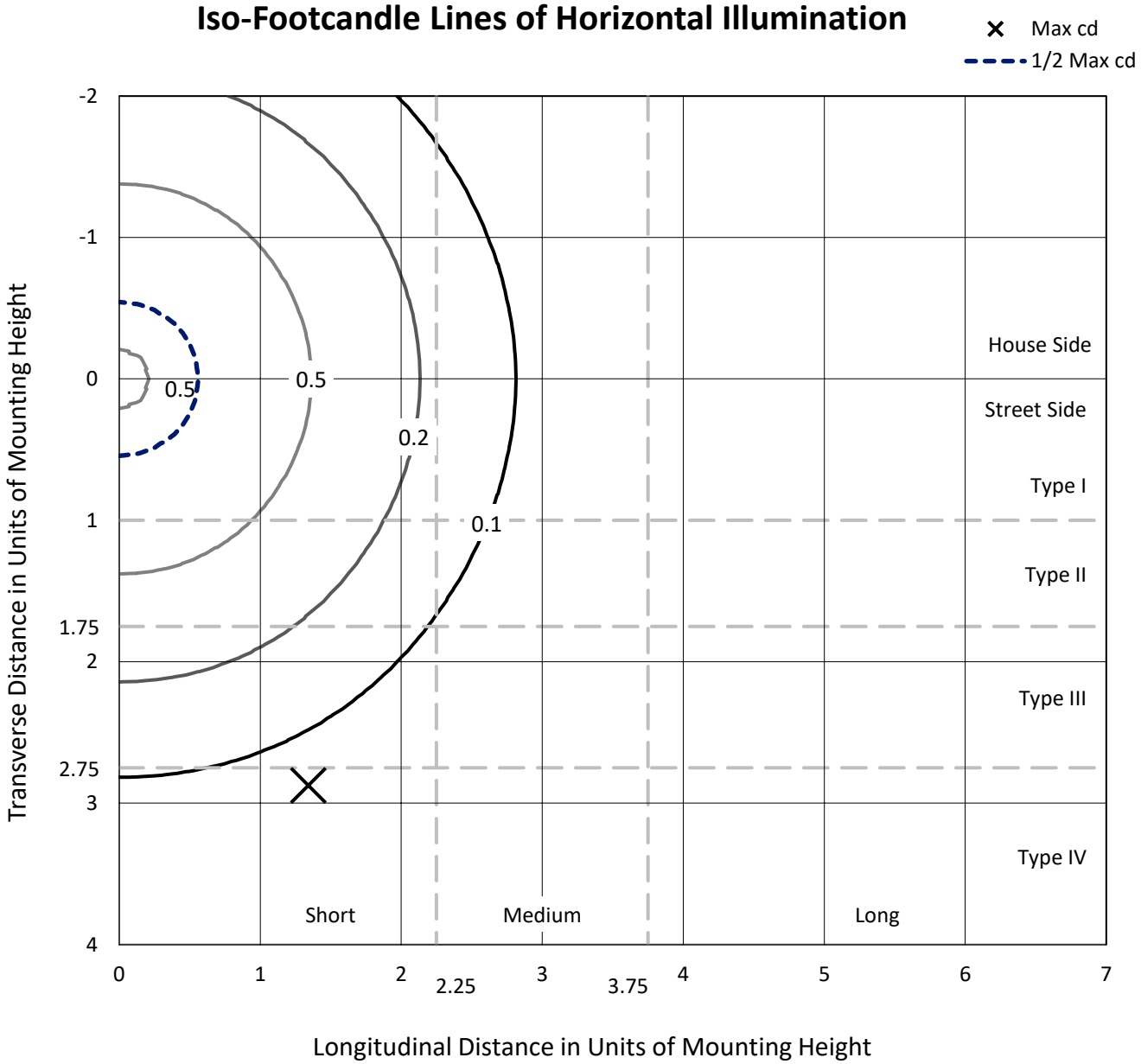
Input Watts (W):	39.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981232
CATALOG NUMBER: FFX-CLB-40-722-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



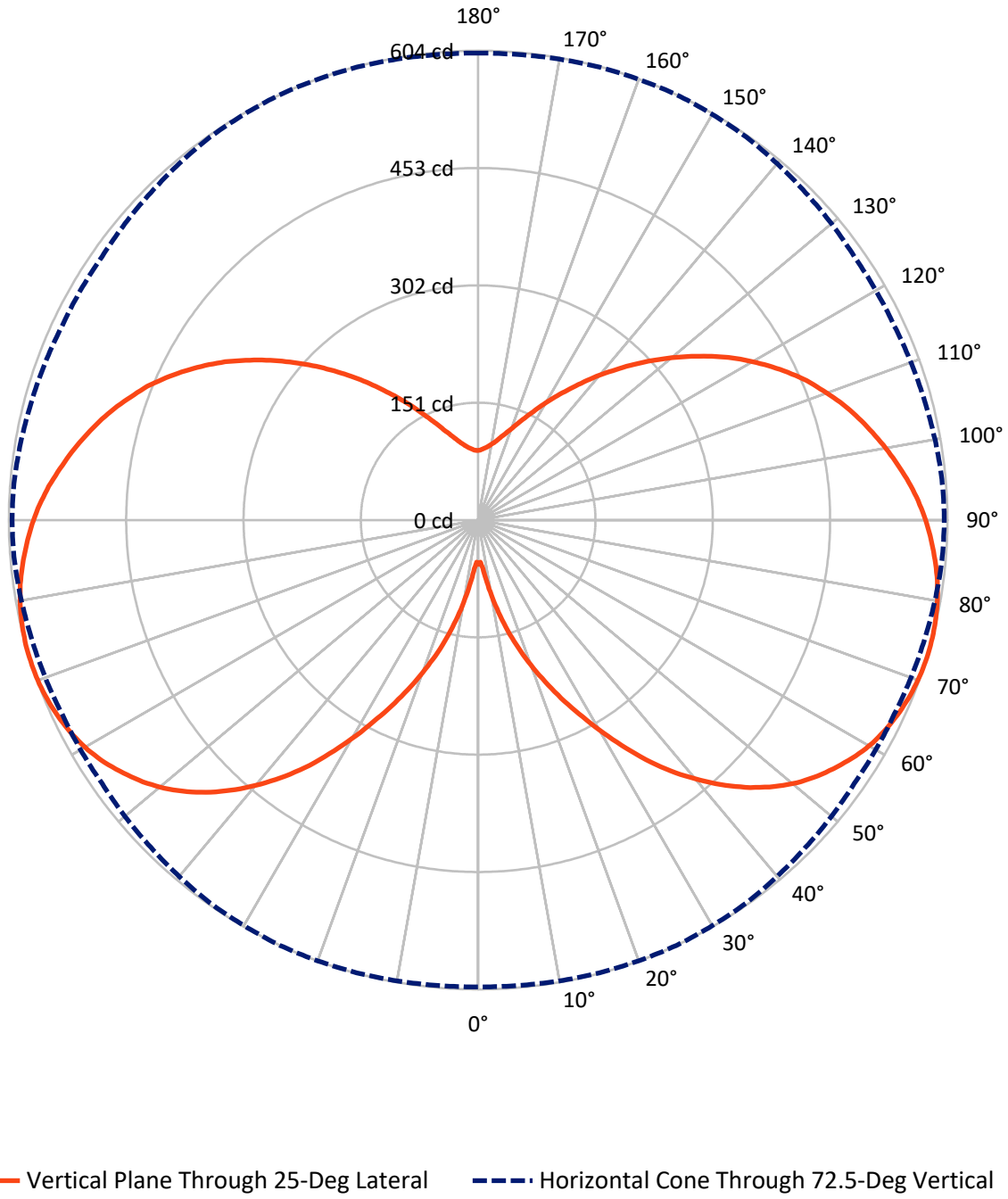
Based on 15 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

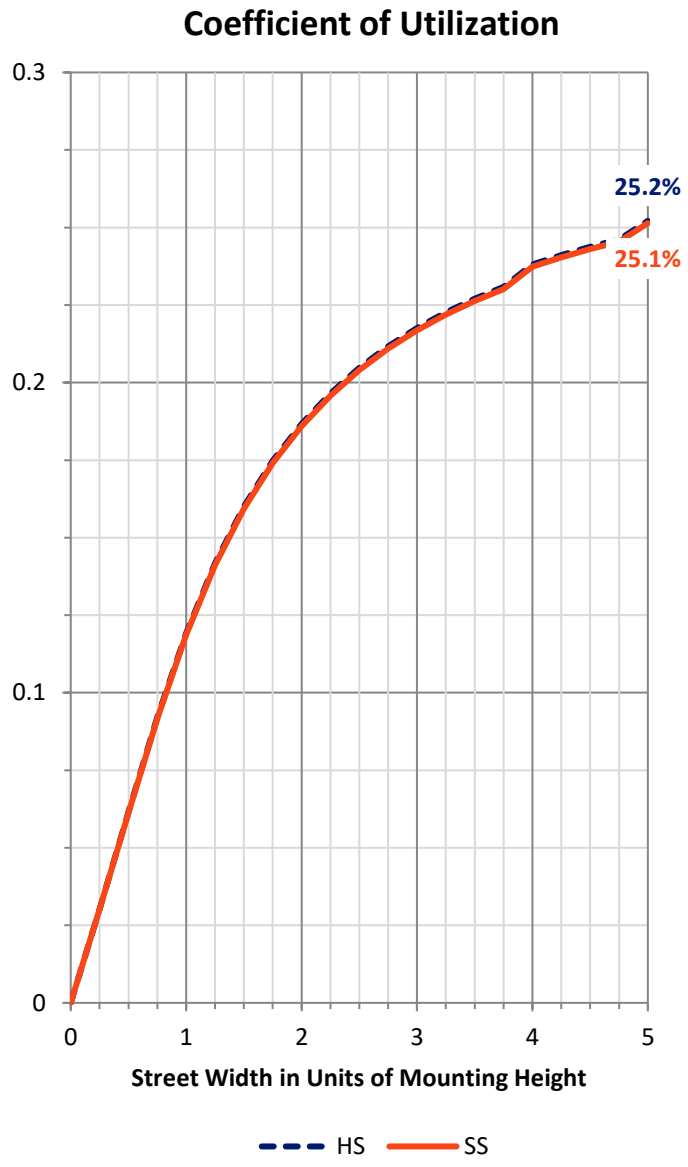
REPORT NUMBER: P981232
CATALOG NUMBER: FFX-CLB-40-722-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1566.3	1171.4	2737.7
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	1566.3	1171.4	2737.7
	% Fixture	28.6	21.4	50.0
Total	Lumens	3132.6	2342.8	5475.4
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.3	0.1
10°-20°	44.5	0.8
20°-30°	120.5	2.2
30°-40°	238.0	4.3
40°-50°	375.0	6.8
50°-60°	496.9	9.1
60°-70°	584.2	10.7
70°-80°	631.1	11.5
80°-90°	635.1	11.6
90°-100°	597.9	10.9
100°-110°	528.5	9.7
110°-120°	435.7	8.0
120°-130°	325.7	5.9
130°-140°	217.4	4.0
140°-150°	129.2	2.4
150°-160°	68.0	1.2
160°-170°	31.4	0.6
170°-180°	9.0	0.2
0°-90°	3132.6	57.2
0°-180°	5475.4	100.0



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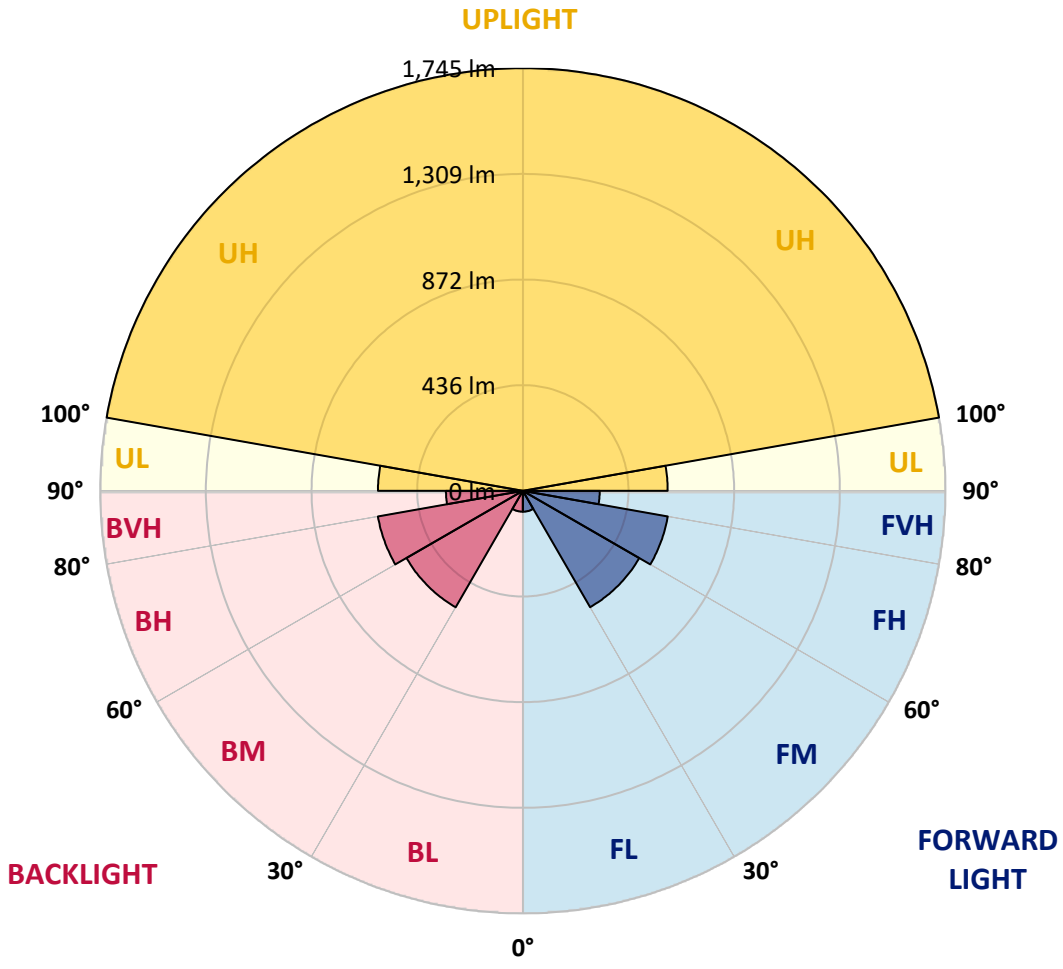
Scaled Data Report

REPORT NUMBER: P981232
CATALOG NUMBER: FFX-CLB-40-722-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	86.2	1.6			
FM	(30°-60°)	554.9	10.1			
FH	(60°-80°)	607.7	11.1			G0/660
FVH	(80°-90°)	317.5	5.8			G3/500
BL	(0°-30°)	86.2	1.6	B0/110		
BM	(30°-60°)	554.9	10.1	B1/1000		
BH	(60°-80°)	607.7	11.1	B2/1000		G0/660
BVH	(80°-90°)	317.5	5.8			G3/500
UL	(90°-100°)	597.9	10.9		U4/1000	
UH	(100°-180°)	1744.8	31.9		U5	

BUG Rating: B2-U5-G3
Type V Short



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REPORT NUMBER: P981232
CATALOG NUMBER: FFX-CLB-40-722-U-VM8-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	56.9	56.9	56.9	*56.9*	56.9	56.9	56.9	56.9	56.9	56.9	56.9
2.5°	53.5	53.5	53.8	*54.1*	54.5	54.8	55.2	55.5	55.9	55.5	55.5
5°	61.7	62.4	62.4	*62.4*	62.0	62.4	63.1	63.1	63.7	63.4	63.1
7.5°	79.2	80.9	80.9	*80.5*	80.2	80.5	80.2	80.2	80.2	79.8	80.5
10°	103.1	102.5	102.8	*102.5*	101.8	102.1	102.5	101.8	101.8	101.8	101.8
12.5°	126.4	126.1	127.1	*126.8*	127.1	126.1	126.8	126.1	126.1	125.1	125.4
15°	153.9	153.9	153.5	*152.5*	152.8	151.5	152.1	151.8	150.8	150.8	150.4
17.5°	179.2	178.9	179.2	*177.8*	177.8	177.5	176.8	176.5	176.5	175.4	175.1
20°	204.6	203.9	203.5	*203.5*	202.5	202.5	201.8	200.5	199.8	200.1	199.4
22.5°	232.0	230.6	230.6	*230.6*	228.6	227.9	227.5	226.2	226.2	225.1	225.1
25°	259.4	259.7	259.7	*258.4*	257.3	256.0	255.3	254.3	253.2	252.9	253.2
27.5°	289.6	290.2	289.2	*286.8*	286.5	285.1	283.4	282.0	282.4	280.6	282.0
30°	322.4	321.1	319.0	*318.3*	317.0	315.6	314.2	311.5	311.8	311.1	311.5
32.5°	352.6	352.6	351.9	*349.9*	348.8	345.7	344.4	341.0	341.3	341.0	339.6
35°	385.5	384.5	383.1	*382.8*	379.3	377.3	374.9	371.1	371.8	371.4	371.8
37.5°	413.3	413.6	414.3	*412.6*	409.5	406.7	404.0	401.3	400.6	400.9	400.2
40°	443.4	443.1	442.4	*440.3*	437.9	434.8	431.4	429.7	427.6	429.0	428.7
42.5°	468.1	469.1	468.8	*466.7*	463.6	460.5	457.8	455.1	454.0	453.7	453.7
45°	492.1	492.4	491.4	*491.0*	486.9	484.2	480.8	478.4	477.7	477.7	478.7
47.5°	514.3	514.0	513.3	*512.6*	509.5	505.4	501.3	499.6	499.3	499.9	500.3
50°	532.2	532.8	532.5	*531.5*	528.4	524.6	520.2	518.5	518.8	519.5	519.8
52.5°	548.3	548.3	548.6	*547.2*	544.5	540.4	536.3	534.9	534.9	535.9	535.2
55°	560.6	561.3	561.6	*560.6*	558.9	554.1	550.0	547.6	548.6	549.6	550.0
57.5°	572.3	572.9	572.9	*572.9*	570.2	565.7	561.6	559.6	560.9	562.7	563.0
60°	581.5	581.8	582.9	*582.9*	580.5	575.3	570.9	569.2	570.9	573.3	572.9
62.5°	588.4	588.4	589.7	*590.1*	587.7	582.5	578.1	576.7	578.8	581.5	582.5
65°	594.2	594.5	595.6	*595.9*	593.8	588.0	583.2	582.9	585.6	588.4	588.7
67.5°	597.3	597.6	599.3	*600.0*	597.6	591.8	587.3	586.3	590.1	593.5	593.8
70°	599.3	600.0	602.1	*602.7*	600.3	594.2	589.4	589.0	593.2	596.9	597.3
72.5°	*600.7*	*601.0*	*603.1*	*603.8*	*601.4*	*595.6*	*590.8*	*590.8*	*594.5*	*599.0*	*599.7*
75°	600.7	601.0	602.7	*603.8*	601.4	595.2	590.1	590.1	595.2	599.7	600.7
77.5°	598.0	599.0	601.0	*602.1*	599.7	593.5	588.7	588.7	593.8	598.6	599.7
80°	595.2	595.6	598.0	*599.3*	596.6	590.8	585.6	585.6	591.1	596.2	596.9
82.5°	590.8	591.1	593.5	*594.9*	592.5	586.3	581.2	581.5	586.6	591.8	592.5
85°	584.6	585.3	587.7	*588.7*	586.6	580.1	575.3	575.7	581.2	586.0	586.6
87.5°	578.1	578.1	580.8	*581.8*	579.8	573.3	568.5	568.5	574.0	579.1	579.4
90°	569.2	569.9	572.3	*574.0*	571.2	565.7	560.6	560.6	565.7	570.5	571.9
92.5°	560.9	561.3	563.7	*564.7*	562.3	556.5	552.0	552.0	557.2	562.0	562.7
95°	551.0	551.0	552.7	*554.1*	551.3	546.6	542.4	542.4	546.6	550.7	551.3
97.5°	540.4	540.4	542.4	*542.1*	540.0	534.9	531.5	531.1	535.2	538.7	539.7
100°	528.4	529.1	530.4	*530.1*	528.4	523.2	520.2	520.2	523.2	526.3	527.0
102.5°	516.7	516.7	517.4	*517.1*	514.7	510.2	508.5	508.2	510.9	513.0	513.3
105°	504.7	504.7	504.1	*504.1*	501.0	497.6	495.5	495.5	497.9	499.3	499.3
107.5°	491.0	490.4	491.0	*490.0*	486.9	483.5	482.5	482.1	483.2	484.5	483.8
110°	477.0	476.6	476.3	*474.2*	471.9	469.8	468.1	468.1	469.1	469.5	469.5

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CATALOG NUMBER: FFX-CLB-40-722-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	462.3	461.9	460.9	*459.2*	456.4	454.4	453.0	453.0	453.3	453.0	452.3
115°	446.2	445.5	444.4	*441.4*	438.6	437.2	436.6	437.2	436.9	435.9	435.9
117.5°	428.7	428.0	426.3	*422.8*	420.5	419.4	419.8	419.4	418.7	417.7	418.1
120°	409.1	409.1	406.4	*403.7*	401.6	401.6	401.3	401.3	400.2	398.9	398.2
122.5°	388.9	388.9	386.5	*384.1*	381.7	381.7	382.1	381.7	381.0	379.7	379.0
125°	369.4	367.7	365.6	*362.9*	361.2	360.8	361.9	362.2	360.8	359.1	359.5
127.5°	347.8	346.8	344.7	*341.6*	340.3	339.9	341.0	341.6	339.9	338.9	338.6
130°	325.2	324.5	322.8	*320.4*	319.0	319.4	320.4	321.4	319.7	318.7	318.0
132.5°	302.9	302.9	301.9	*299.5*	297.8	299.1	299.8	300.5	298.8	298.5	298.1
135°	282.7	282.4	280.3	*278.9*	277.6	277.9	279.3	278.9	278.6	277.9	277.2
137.5°	261.8	261.8	260.8	*258.4*	258.4	258.7	259.4	259.4	259.7	258.4	258.7
140°	242.3	241.9	241.2	*239.5*	238.5	239.2	239.9	240.2	240.2	238.8	239.2
142.5°	223.8	223.4	221.4	*220.3*	220.3	220.7	221.0	221.4	221.4	220.7	221.0
145°	203.9	204.6	203.5	*202.5*	202.5	202.5	203.5	203.9	204.2	203.5	203.5
147.5°	187.4	188.1	187.1	*186.4*	186.4	186.4	187.1	187.4	186.8	187.1	187.1
150°	172.0	172.0	171.3	*171.0*	170.6	171.0	171.7	172.0	172.0	171.3	171.3
152.5°	157.3	156.9	156.6	*156.6*	156.6	156.6	157.3	157.3	157.6	157.6	156.9
155°	144.6	144.3	144.3	*143.9*	144.3	144.3	144.3	144.6	144.6	144.9	145.3
157.5°	133.0	132.6	133.0	*133.0*	133.0	133.3	133.3	133.6	133.0	133.3	133.6
160°	123.4	123.7	123.4	*123.0*	123.0	123.4	123.4	123.7	123.7	123.4	123.7
162.5°	115.1	115.1	114.8	*115.1*	115.5	115.1	115.1	115.5	115.5	115.5	115.5
165°	108.6	108.3	108.3	*108.3*	108.3	108.3	108.6	108.6	108.6	108.6	109.0
167.5°	102.8	102.5	102.5	*102.5*	102.8	102.8	102.8	103.1	103.1	103.1	102.8
170°	98.3	98.0	98.0	*98.0*	98.3	98.3	98.3	98.3	98.3	98.3	98.3
172.5°	94.6	94.6	94.6	*94.6*	94.6	94.6	94.6	94.6	94.6	94.9	94.6
175°	92.2	92.2	92.2	*92.2*	91.8	91.8	92.2	92.2	92.2	92.2	92.2
177.5°	90.1	90.1	90.5	*90.1*	90.1	90.1	90.5	90.5	90.5	90.1	90.1
180°	89.4	89.4	89.4	*89.4*	89.4	89.4	89.4	89.4	89.4	89.4	89.4

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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

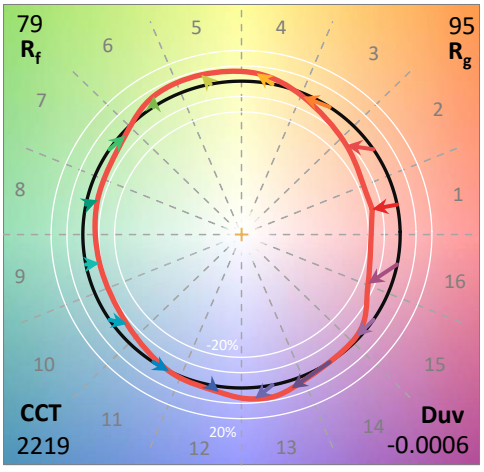
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Version: v7.04

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

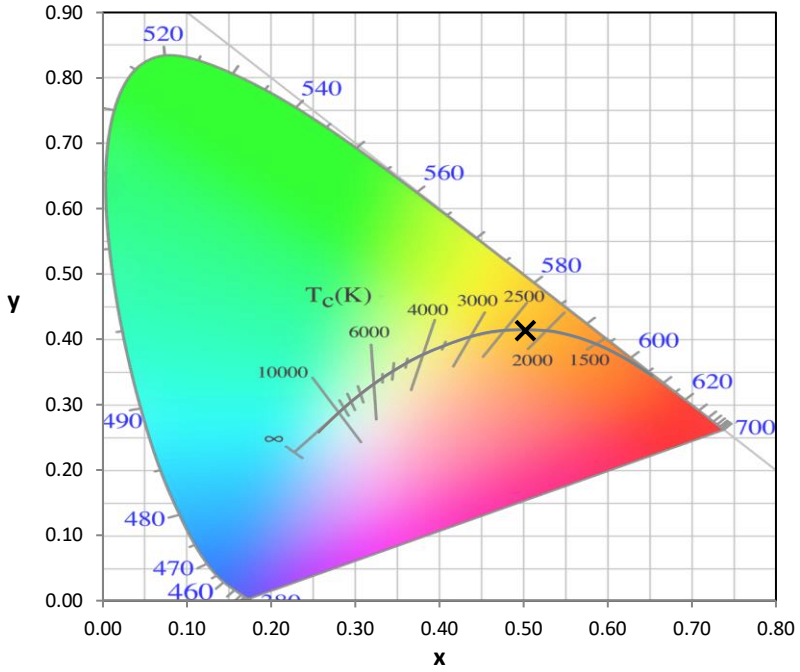
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

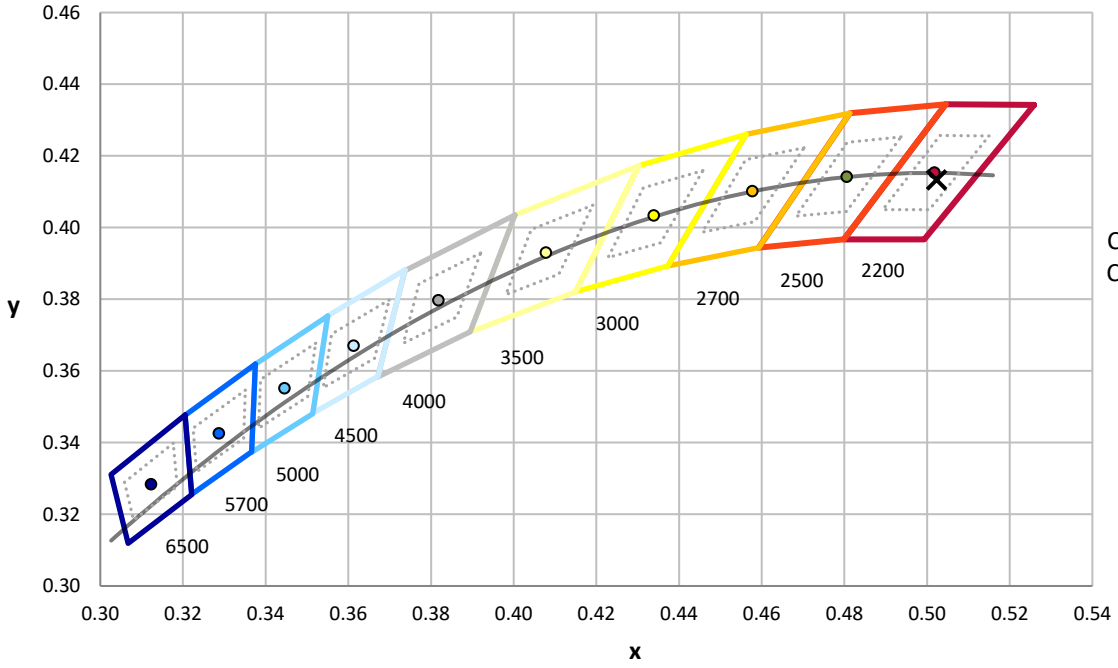
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

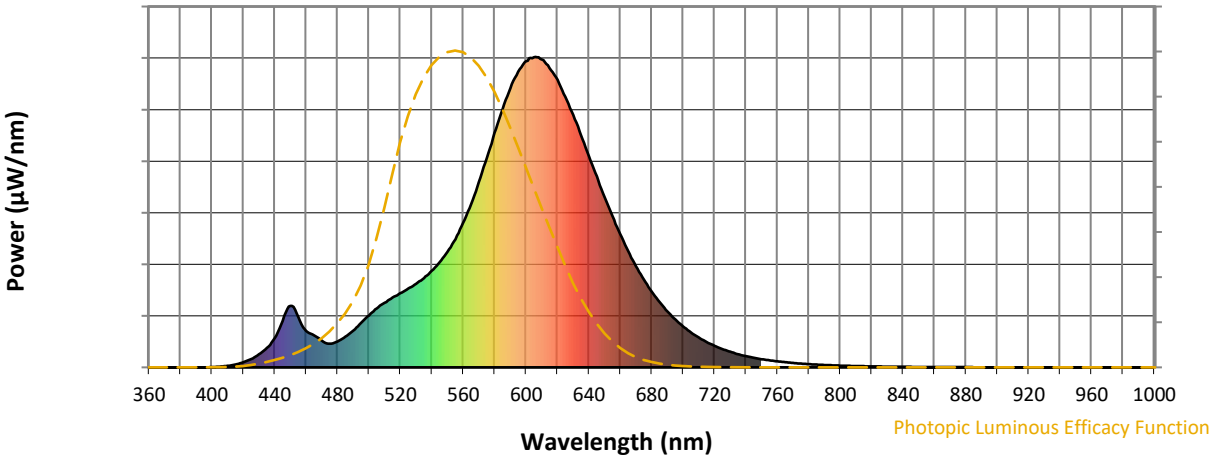


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

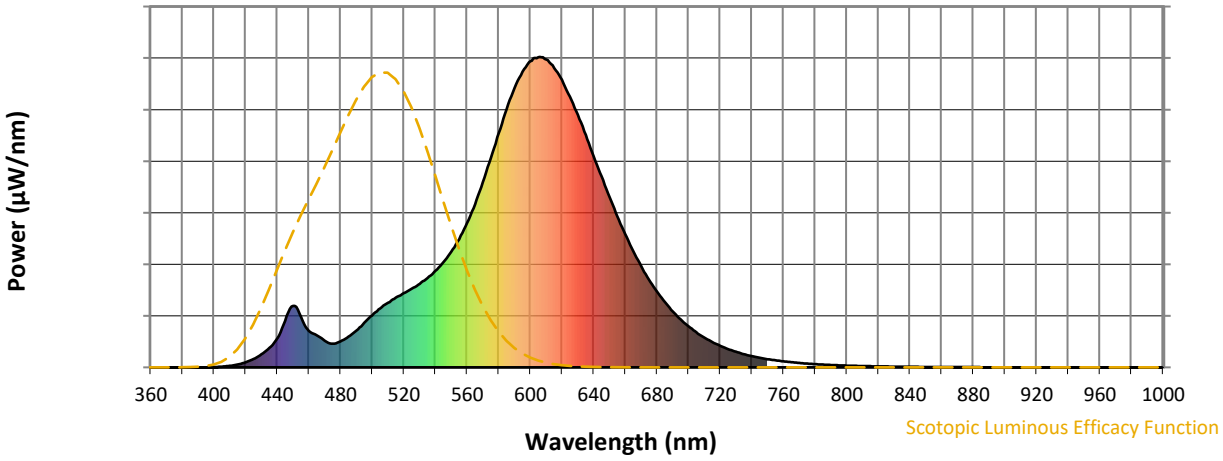


Photopic Lumens: NR

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

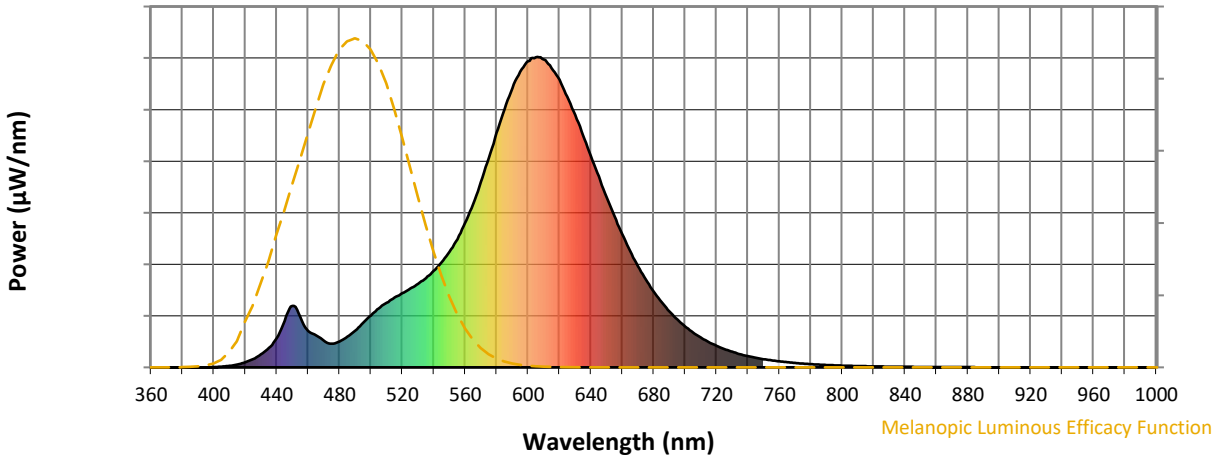


Scotopic Lumens: NR **S/P: 0.94**

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			

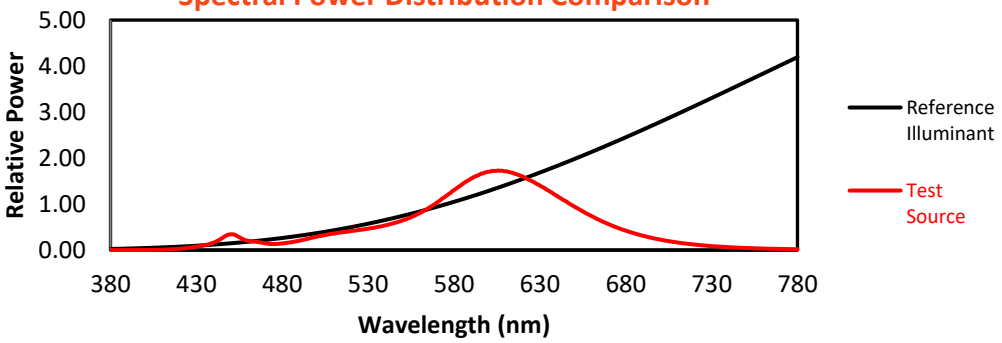
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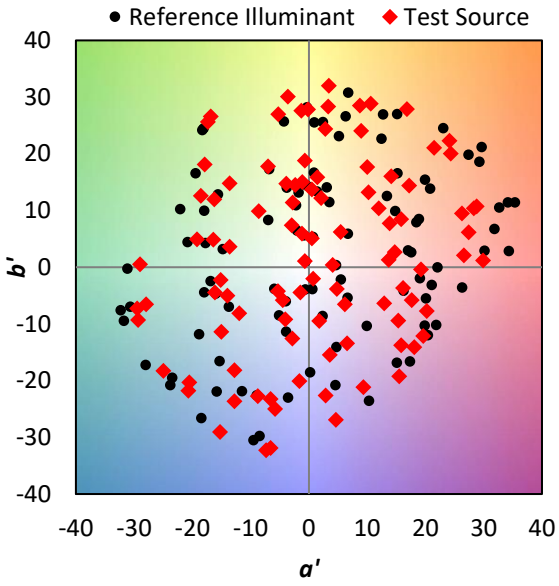
Summary

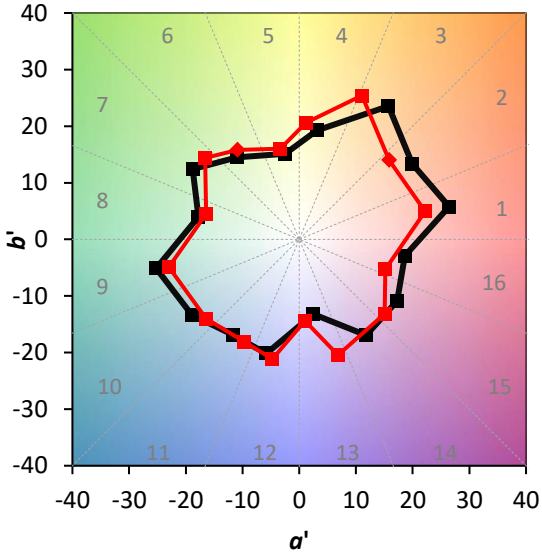
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

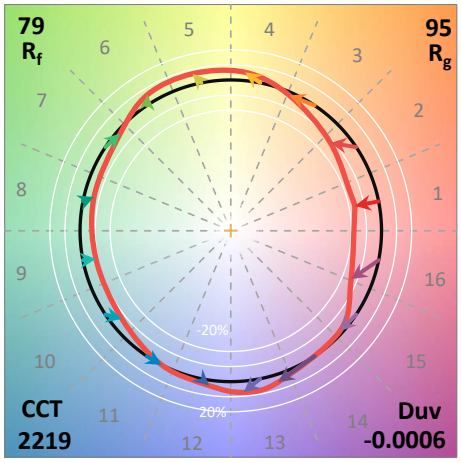
Spectral Power Distribution Comparison

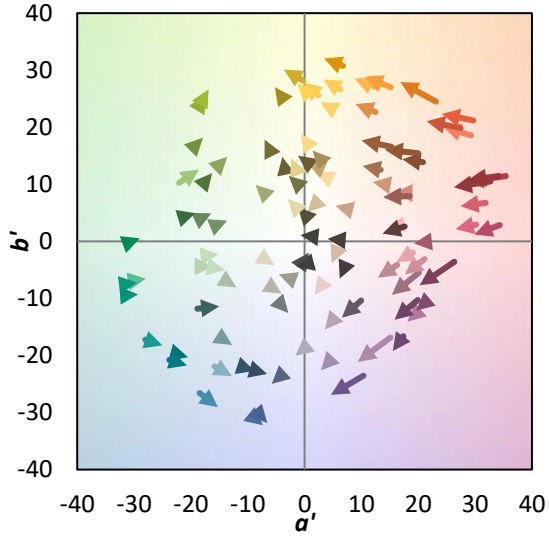


Color Vector Graphics







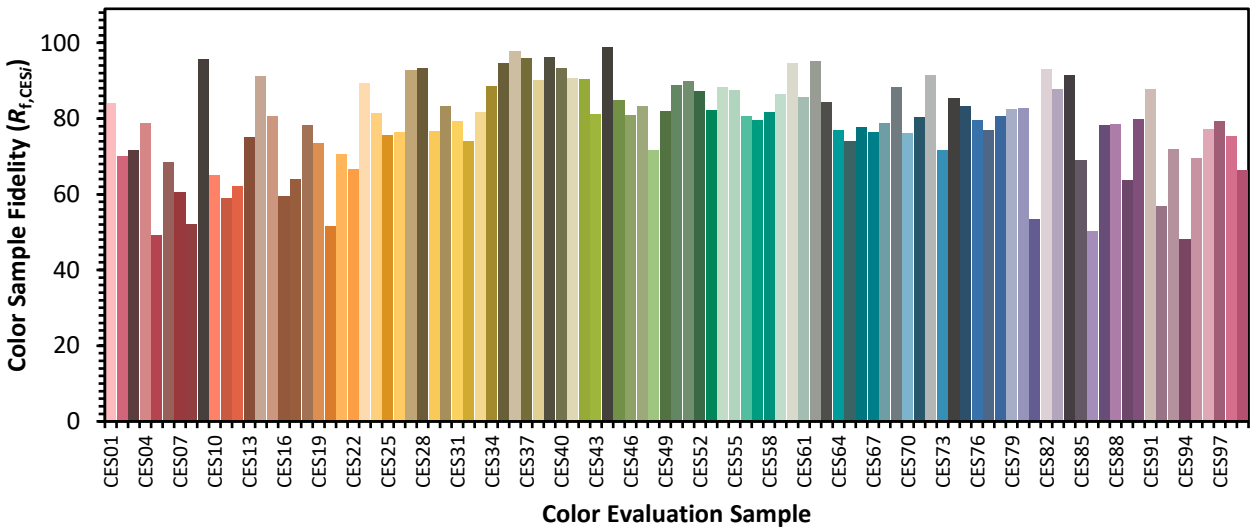


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Individual Sample Fidelity Index ($R_{f,i}$)

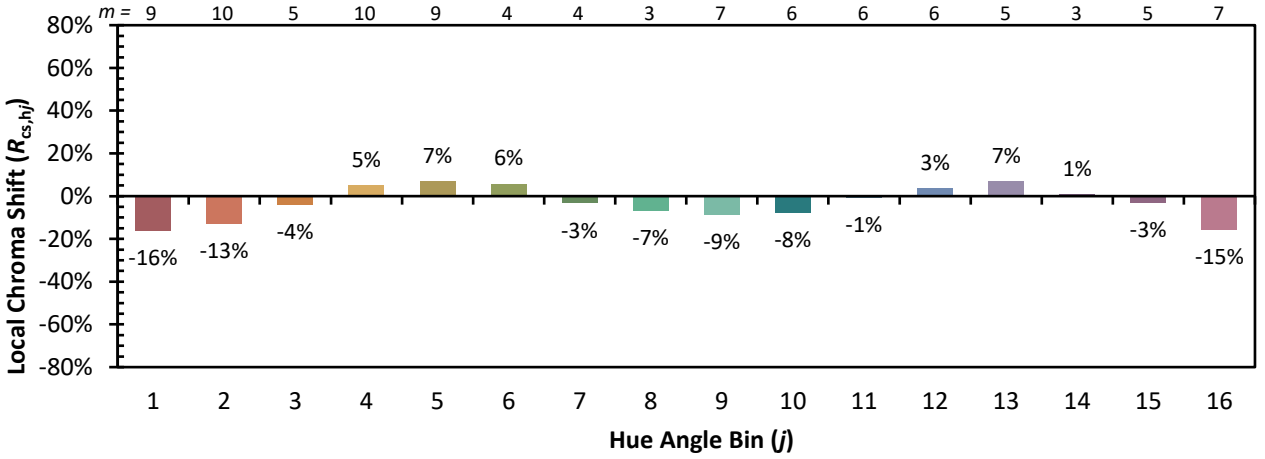
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

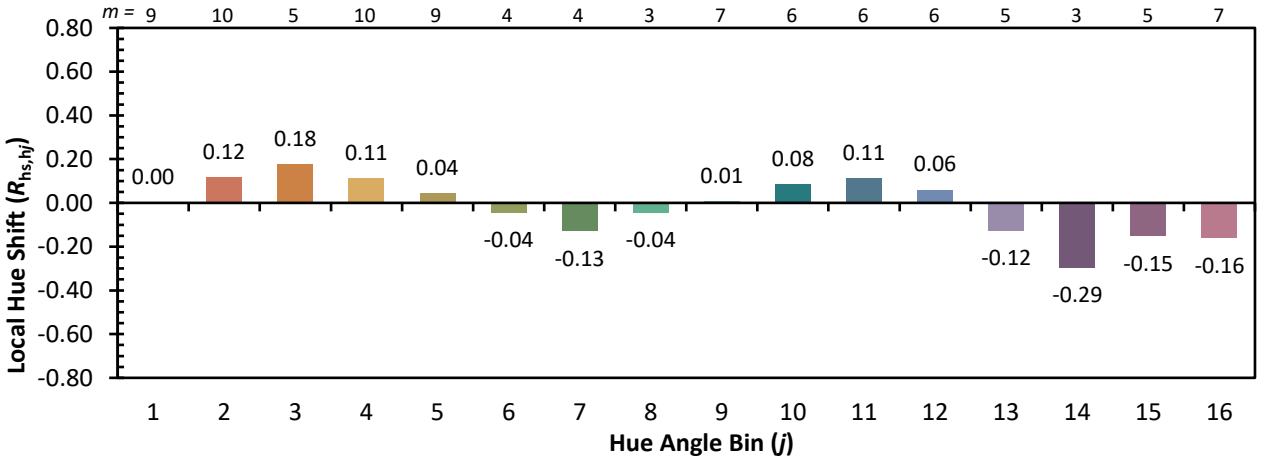


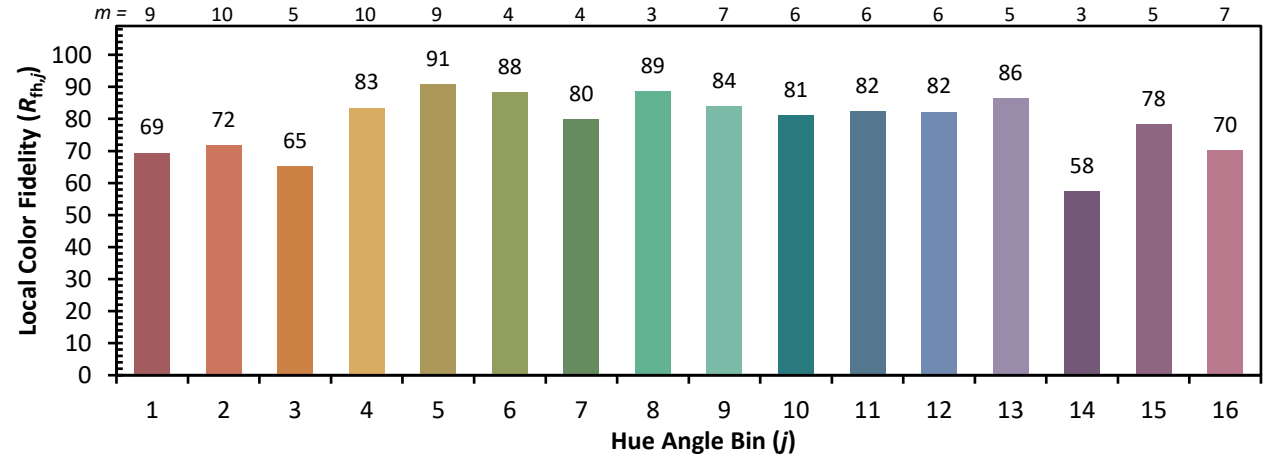
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Color Rendition by Hue-Angle Bin



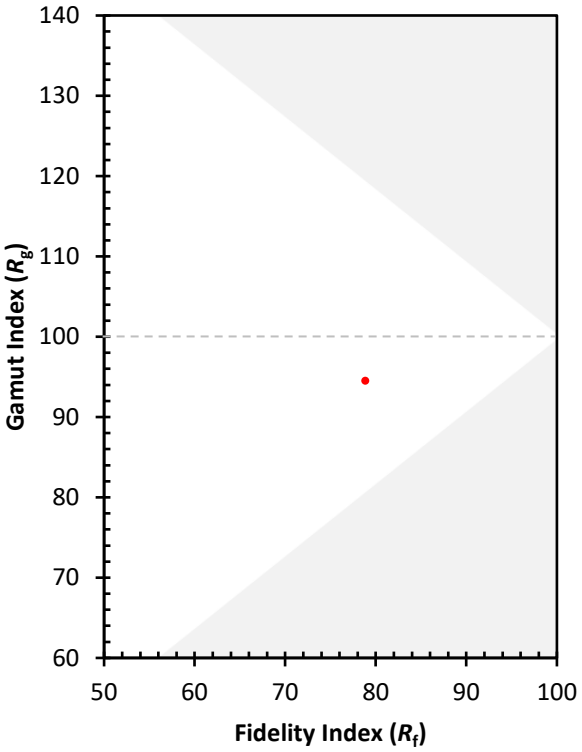


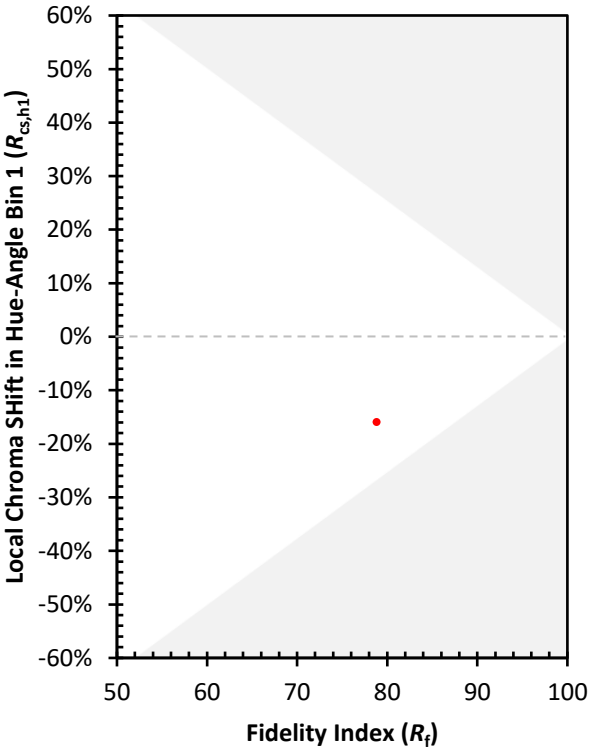


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Measure Comparisons





(END OF REPORT)