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: P981098

Luminaire Tested: **FFX-CLB-30-722-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:	P981098
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-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3944.6 lumens
Efficiency:	N/A
Efficacy:	128.9 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B2 - U3 - G2

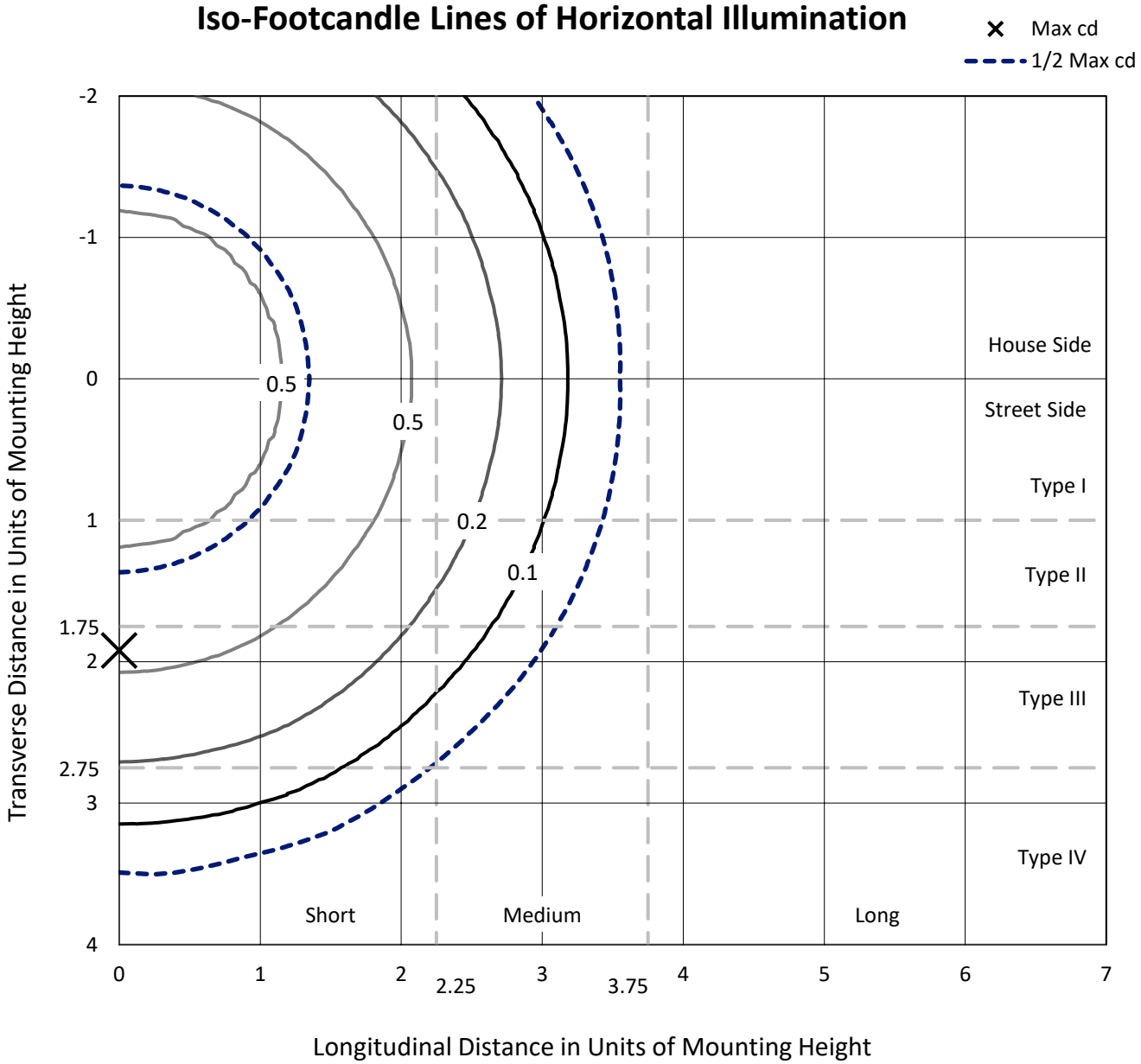
Input Watts (W):	30.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	10.8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981098
CATALOG NUMBER: FFX-CLB-30-722-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



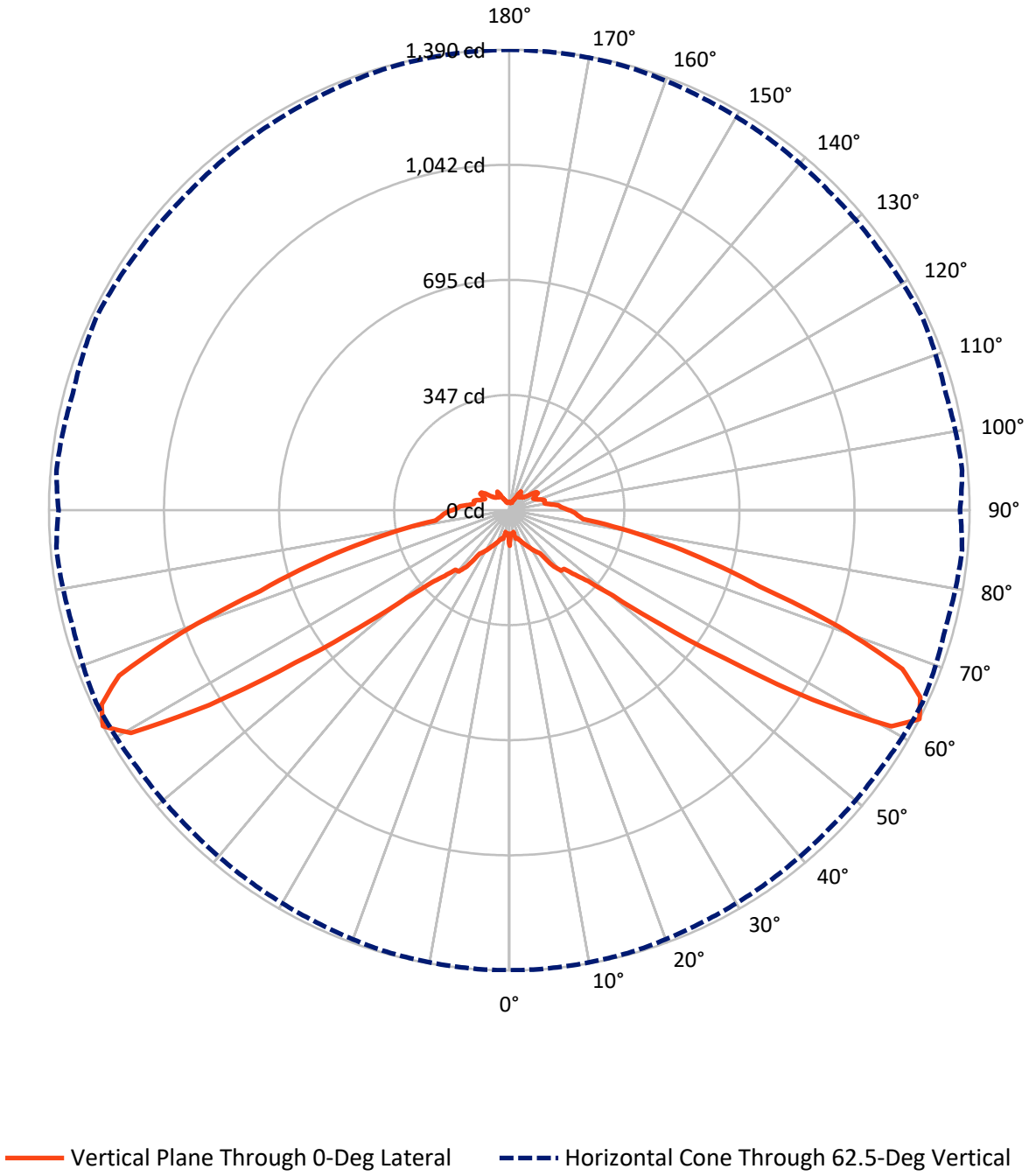
Based on 15 foot mounting height. Maximum calculated value = 0.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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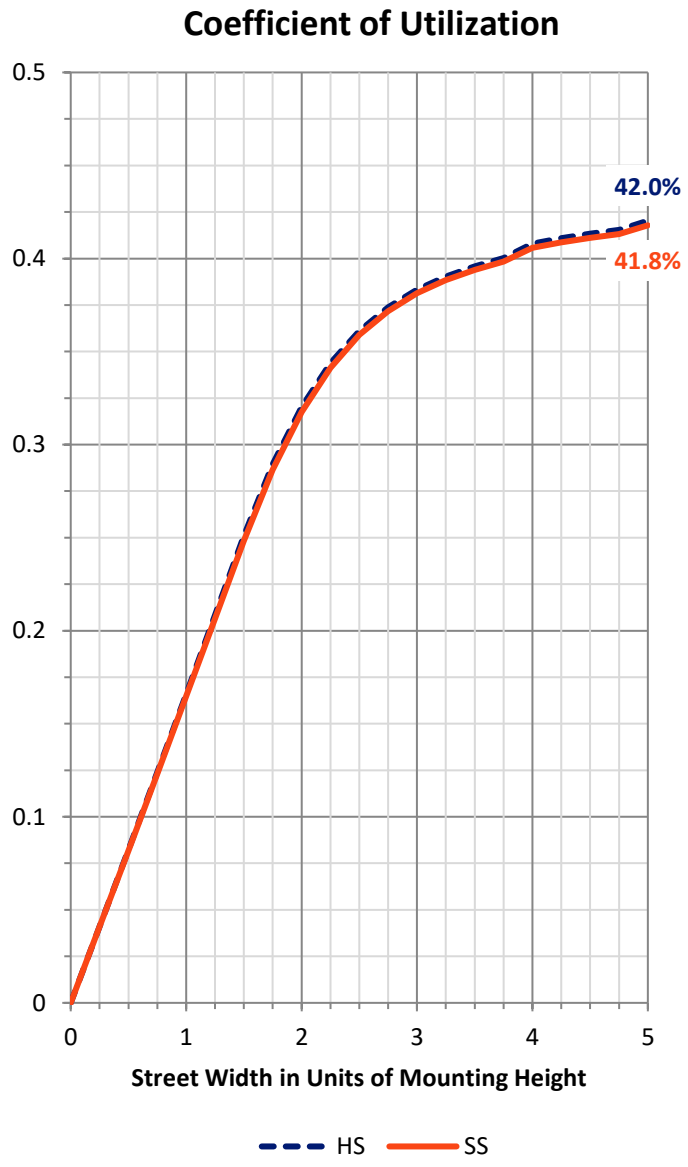
REPORT NUMBER: P981098
CATALOG NUMBER: FFX-CLB-30-722-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1716.9	255.4	1972.3
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	1716.9	255.4	1972.3
	% Fixture	43.5	6.5	50.0
Total	Lumens	3433.8	510.9	3944.6
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.7	0.2
10°-20°	25.0	0.6
20°-30°	54.8	1.4
30°-40°	112.7	2.9
40°-50°	232.6	5.9
50°-60°	759.8	19.3
60°-70°	1281.1	32.5
70°-80°	697.3	17.7
80°-90°	263.7	6.7
90°-100°	160.3	4.1
100°-110°	101.1	2.6
110°-120°	76.9	1.9
120°-130°	65.7	1.7
130°-140°	44.2	1.1
140°-150°	36.4	0.9
150°-160°	17.2	0.4
160°-170°	6.8	0.2
170°-180°	2.2	0.1
0°-90°	3433.8	87.0
0°-180°	3944.6	100.0



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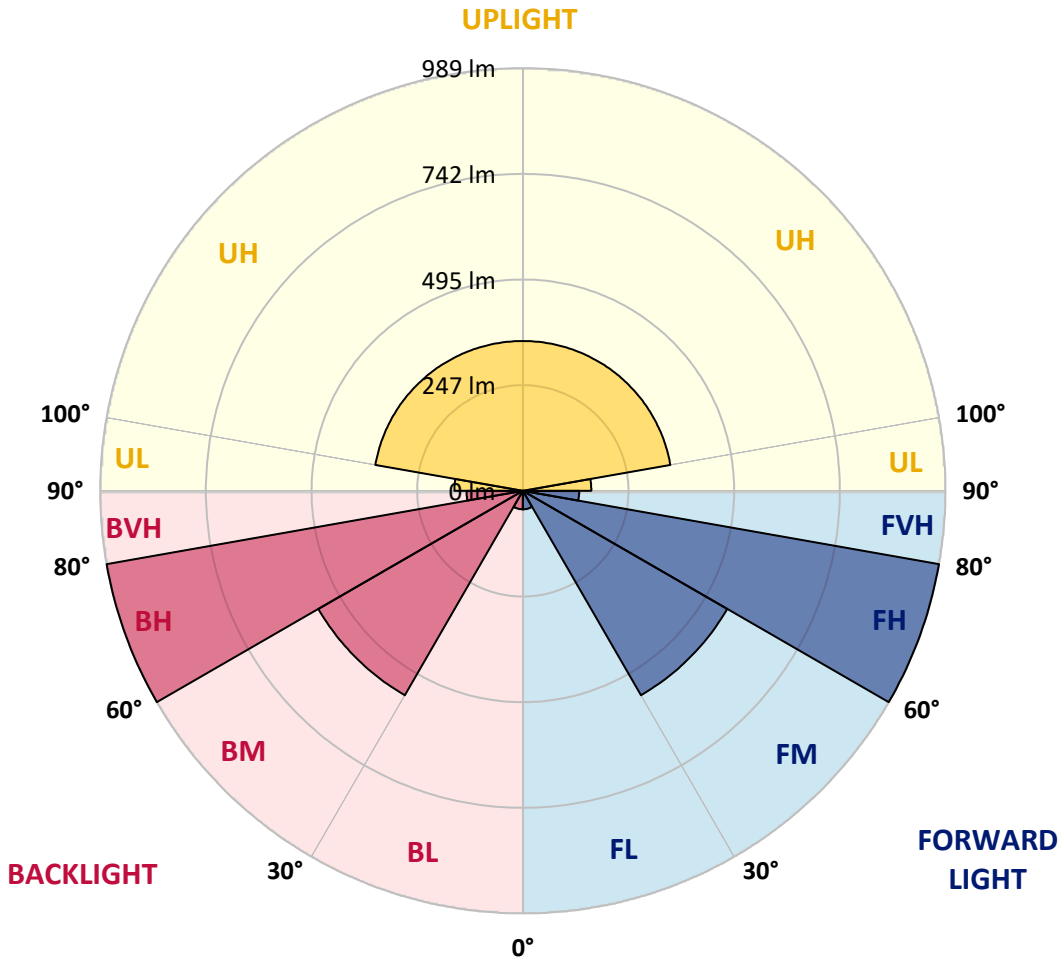
Scaled Data Report

REPORT NUMBER: P981098
CATALOG NUMBER: FFX-CLB-30-722-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°)	43.3	1.1			
FM	(30°-60°)	552.5	14.0			
FH	(60°-80°)	989.2	25.1			G1/1800
FVH	(80°-90°)	131.9	3.3			G2/225
BL	(0°-30°)	43.3	1.1	B0/110		
BM	(30°-60°)	552.5	14.0	B1/1000		
BH	(60°-80°)	989.2	25.1	B2/1000		G1/1800
BVH	(80°-90°)	131.9	3.3			G2/225
UL	(90°-100°)	160.3	4.1		U3/500	
UH	(100°-180°)	350.6	8.9		U3/500	

BUG Rating: B2-U3-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	*107.4*	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
2.5°	*71.5*	74.4	90.2	103.3	103.0	93.9	82.2	83.2	90.2	96.5	98.0
5°	*72.0*	71.0	70.2	67.1	66.1	67.6	66.6	63.5	62.2	62.4	67.4
7.5°	*74.9*	73.6	66.1	60.3	59.6	62.9	70.2	70.2	62.4	56.4	56.2
10°	*67.4*	67.1	69.7	72.3	73.1	70.0	66.8	65.3	64.8	64.2	63.7
12.5°	*88.9*	87.9	82.4	79.1	78.5	80.1	82.4	81.7	77.8	75.7	75.7
15°	*88.4*	88.9	89.7	88.4	88.2	88.4	89.7	88.9	87.6	86.1	86.1
17.5°	*93.4*	93.6	93.9	94.4	93.9	93.1	93.1	92.8	93.1	93.6	93.6
20°	*100.9*	101.2	101.2	101.2	100.9	99.3	99.3	99.6	99.3	99.9	99.6
22.5°	*109.2*	109.0	109.0	109.0	108.2	106.9	106.6	106.9	106.1	106.1	106.1
25°	*117.3*	117.8	118.6	118.3	117.0	116.0	115.2	115.5	115.0	115.0	115.0
27.5°	*127.4*	126.9	128.5	128.0	126.7	126.7	125.9	125.9	125.1	124.8	124.6
30°	*138.9*	138.6	138.6	138.9	138.4	137.8	137.8	137.3	136.0	136.3	136.8
32.5°	*150.1*	149.8	149.3	149.5	149.3	148.5	149.8	149.8	149.3	149.5	151.1
35°	*161.0*	162.5	166.2	168.8	169.6	169.3	170.4	172.2	170.9	170.1	170.9
37.5°	*213.0*	212.0	208.1	205.7	206.2	207.5	204.7	202.6	201.3	201.0	202.3
40°	*240.3*	239.3	233.5	234.1	230.2	231.5	232.8	234.6	233.3	230.4	230.4
42.5°	*242.7*	242.9	251.0	263.2	259.6	251.8	244.5	248.1	253.6	257.0	258.3
45°	*278.5*	281.9	281.9	282.7	283.0	283.2	278.0	280.4	284.8	290.2	290.0
47.5°	*319.9*	322.0	323.3	324.8	324.1	324.8	331.6	329.8	334.7	334.2	333.7
50°	*406.5*	415.3	416.9	422.9	419.2	420.0	432.5	433.5	433.5	432.8	433.8
52.5°	*576.9*	584.7	583.4	570.1	576.6	588.3	601.8	592.2	606.0	599.2	596.1
55°	*793.2*	793.5	802.1	820.5	829.1	820.0	827.3	809.4	839.5	843.2	834.1
57.5°	*1080.4*	1085.8	1087.6	1092.3	1085.6	1084.5	1089.7	1078.5	1092.6	1078.8	1084.3
60°	*1325.9*	1318.9	1298.8	1270.5	1273.6	1284.8	1305.1	1298.0	1288.2	1268.9	1264.5
62.5°	*1389.9*	*1388.8*	*1384.7*	*1374.3*	*1368.0*	*1363.1*	*1365.7*	*1376.3*	*1363.8*	*1372.4*	*1361.0*
65°	*1363.6*	1362.8	1366.7	1375.8	1369.1	1352.4	1337.8	1355.3	1347.5	1376.1	1367.7
67.5°	*1279.6*	1276.2	1272.3	1289.2	1278.5	1254.6	1244.0	1245.5	1240.8	1269.4	1261.1
70°	*1055.4*	1049.9	1057.2	1084.0	1068.7	1047.3	1035.1	1040.3	1041.6	1059.8	1062.7
72.5°	*790.9*	797.7	804.9	822.9	819.2	807.5	814.3	822.1	829.6	836.4	833.5
75°	*626.0*	634.1	619.5	628.3	625.2	634.3	640.6	644.2	643.4	636.4	633.3
77.5°	*475.9*	482.4	479.1	476.5	478.8	487.9	507.7	505.3	494.1	482.2	484.5
80°	*342.3*	353.7	355.0	354.0	358.9	360.2	376.9	372.4	363.3	363.1	365.7
82.5°	*224.2*	229.4	245.8	260.3	264.2	257.7	268.7	272.8	275.2	275.4	274.6
85°	*207.5*	213.3	209.4	217.2	219.0	220.8	222.6	224.2	226.8	229.1	230.2
87.5°	*196.1*	205.5	204.9	210.1	209.6	213.3	216.6	217.7	214.6	211.2	210.1
90°	*175.3*	182.8	185.7	188.8	190.4	189.9	192.7	192.7	190.6	189.1	188.6
92.5°	*157.3*	161.5	164.1	168.0	169.1	168.5	171.4	170.1	170.4	170.9	171.4
95°	*148.8*	150.6	149.8	151.4	149.3	147.5	148.5	146.9	146.2	144.9	144.9
97.5°	*124.3*	124.1	124.1	124.6	123.5	122.0	122.8	122.5	122.8	122.8	121.7
100°	*109.0*	108.7	107.2	106.9	106.6	106.1	105.3	105.6	105.6	105.3	105.6
102.5°	*108.7*	106.4	103.0	99.3	99.3	98.6	98.8	98.6	98.3	96.7	96.0
105°	*110.8*	107.2	101.4	94.1	93.1	93.4	94.1	93.9	92.8	91.3	90.2
107.5°	*102.5*	98.3	94.9	90.2	88.9	88.7	89.2	89.5	88.4	86.3	84.8
110°	*90.8*	89.2	87.6	85.8	84.5	84.3	84.3	84.3	83.2	82.4	80.6

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REPORT NUMBER: P981098
CATALOG NUMBER: FFX-CLB-30-722-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*85.6*	83.7	81.9	80.4	79.6	79.3	78.8	78.3	77.5	76.7	75.7
115°	*80.6*	80.6	79.3	73.6	72.3	72.0	71.8	71.8	71.8	71.8	71.5
117.5°	*87.4*	86.6	81.7	74.4	72.0	70.7	69.7	70.2	70.0	71.8	71.3
120°	*100.1*	94.4	83.7	78.5	76.5	75.4	75.7	75.9	75.7	75.2	74.1
122.5°	*99.1*	92.8	86.3	82.4	80.1	79.8	80.9	80.6	78.3	74.6	71.8
125°	*87.1*	83.7	79.8	76.2	74.9	74.4	74.9	74.1	72.6	70.7	67.9
127.5°	*67.6*	67.1	65.0	63.5	63.7	64.5	65.8	65.8	65.0	64.0	62.4
130°	*60.6*	60.1	60.3	60.9	60.6	60.6	59.3	58.3	60.1	61.6	60.9
132.5°	*55.9*	56.2	58.8	62.7	61.9	59.8	56.7	56.2	59.0	62.2	61.9
135°	*53.8*	54.1	56.2	60.1	59.0	56.4	55.1	55.4	57.0	58.5	58.3
137.5°	*53.8*	53.8	53.3	54.6	54.6	54.6	54.4	55.1	56.2	56.2	55.4
140°	*53.1*	53.6	52.0	52.3	53.1	53.8	54.1	55.1	55.4	55.1	54.1
142.5°	*48.6*	49.2	50.7	52.8	53.3	53.8	55.4	55.1	55.1	55.1	54.6
145°	*59.8*	59.8	61.1	62.9	62.2	61.1	61.6	61.9	62.4	62.9	62.4
147.5°	*66.1*	66.1	64.5	64.0	62.7	62.7	64.2	64.0	63.7	63.2	63.5
150°	*54.6*	54.4	53.1	52.5	52.5	52.0	52.8	52.8	52.0	51.5	51.8
152.5°	*39.0*	39.3	38.8	39.3	40.1	40.8	41.6	42.1	42.1	42.1	41.6
155°	*35.4*	34.9	34.6	35.1	35.4	35.1	34.6	34.6	34.6	34.1	33.8
157.5°	*30.7*	30.4	30.2	30.4	30.4	30.7	30.9	31.2	31.2	30.7	30.4
160°	*26.5*	26.5	26.5	26.8	26.8	26.5	26.3	26.5	27.0	27.0	27.0
162.5°	*23.9*	24.2	24.4	25.0	25.0	24.4	23.9	23.9	24.4	25.0	25.0
165°	*22.1*	22.1	22.6	23.7	23.9	23.1	22.4	22.4	23.1	24.2	24.4
167.5°	*22.1*	22.4	23.1	23.9	23.7	22.9	22.1	22.1	22.9	23.7	23.7
170°	*23.7*	23.7	23.4	23.1	22.9	22.9	22.9	23.1	23.4	23.1	23.1
172.5°	*25.0*	24.7	23.9	23.1	22.9	23.7	24.2	23.9	23.7	23.1	23.1
175°	*25.5*	25.2	24.7	24.2	24.2	24.7	25.0	24.4	23.9	23.7	23.4
177.5°	*22.9*	22.9	22.6	22.6	22.9	22.6	22.6	22.6	22.4	22.1	21.8
180°	*19.8*	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8

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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

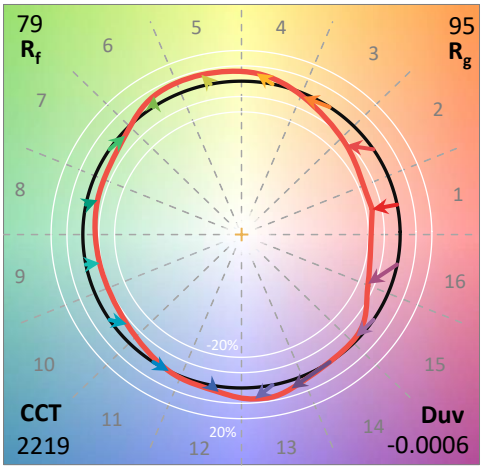
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Version: v7.04

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

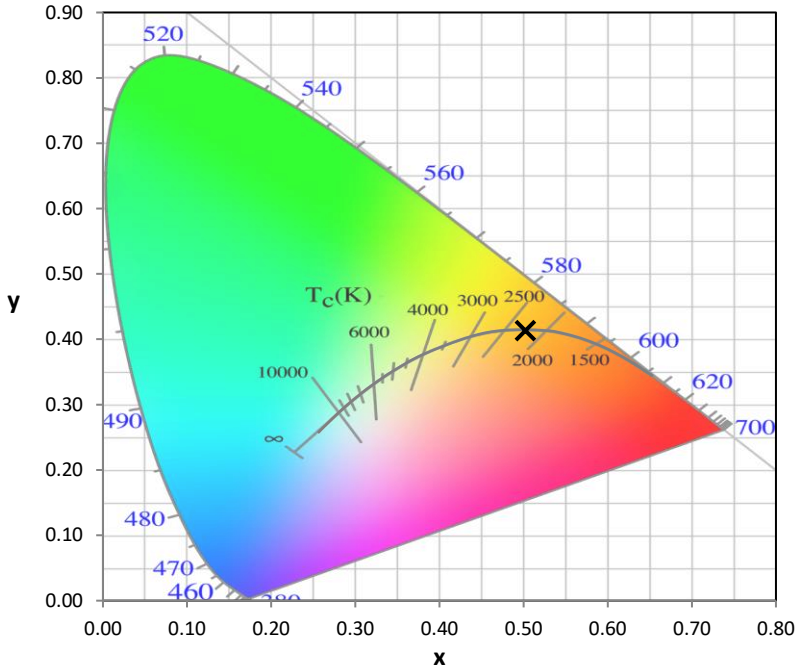
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

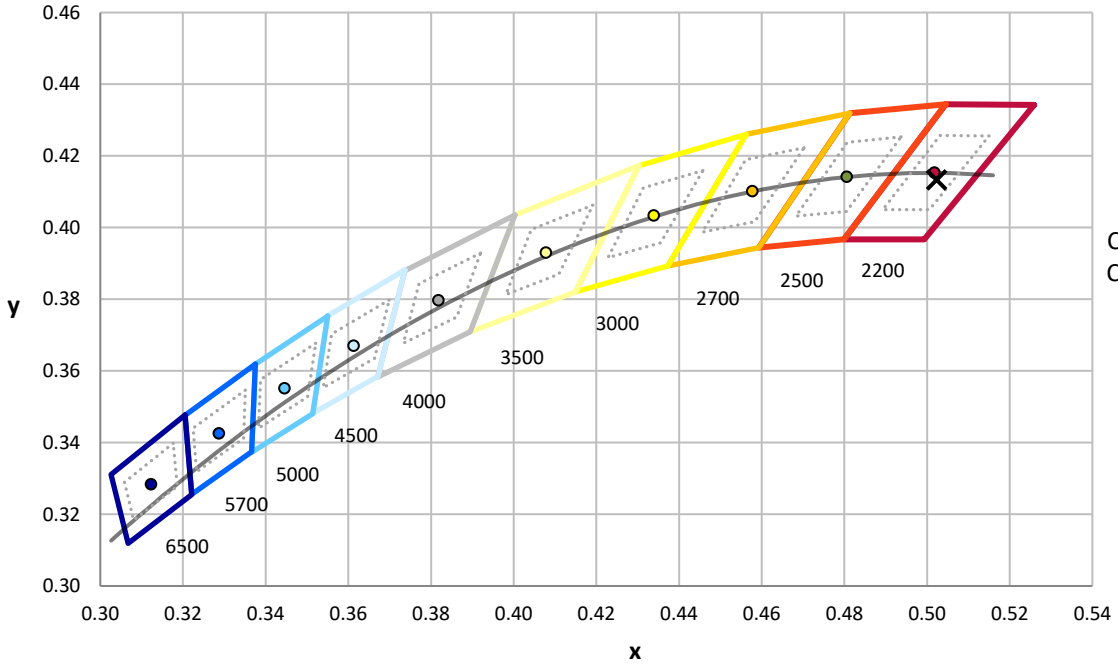
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

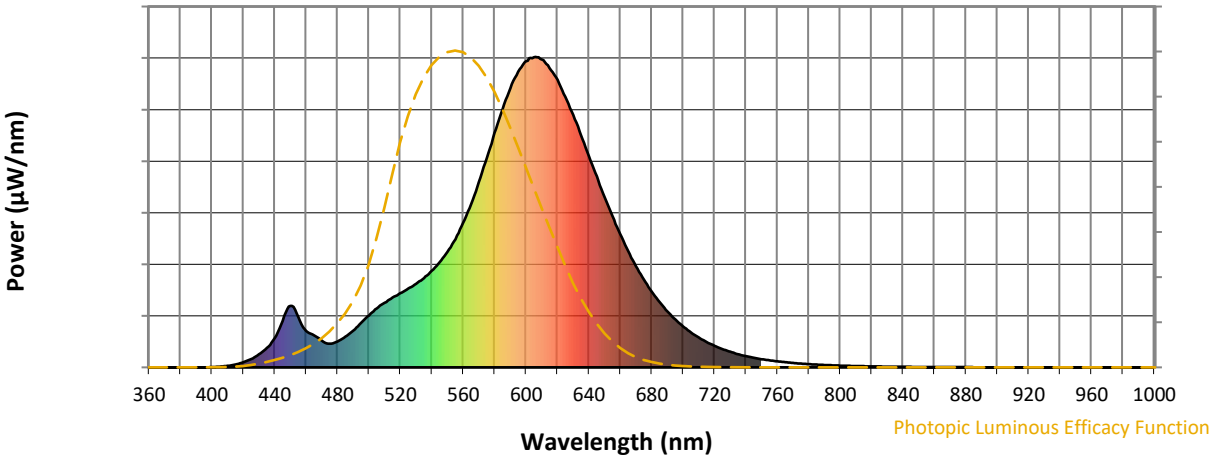


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

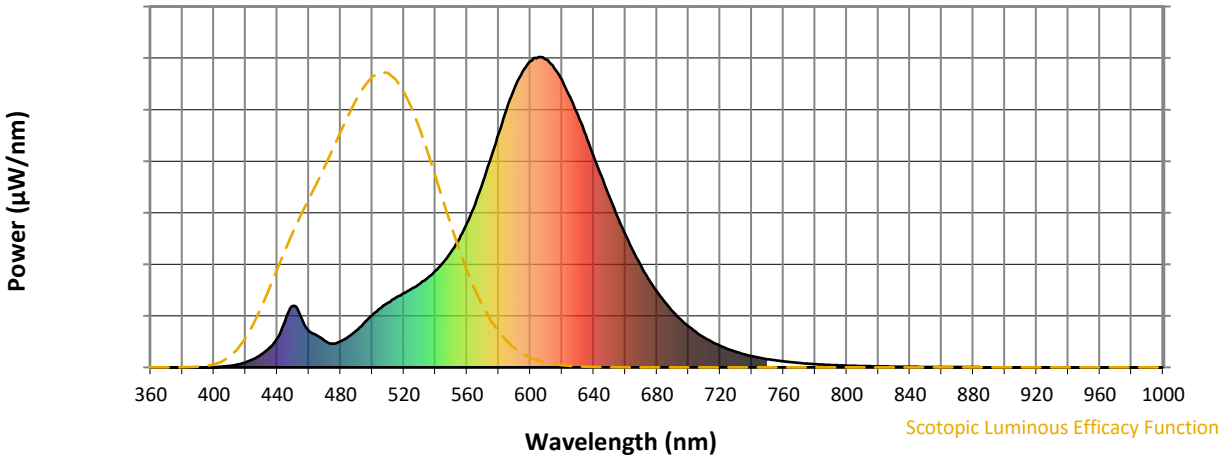


Photopic Lumens: NR

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

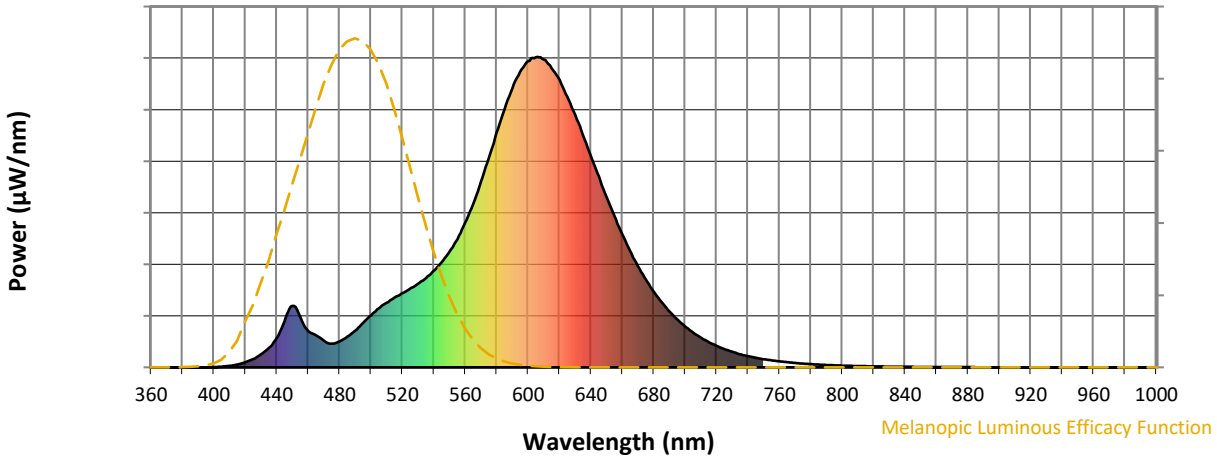


Scotopic Lumens: NR **S/P: 0.94**

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			

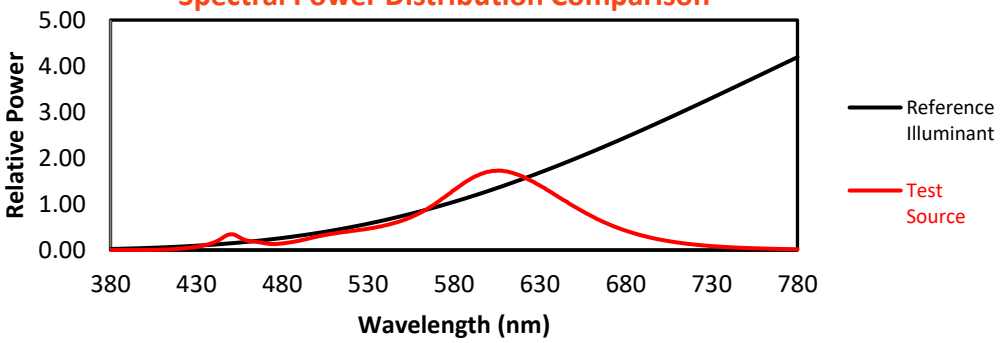
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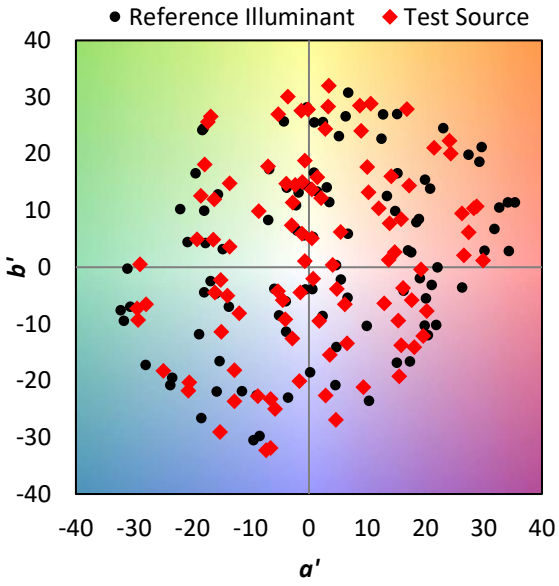
Summary

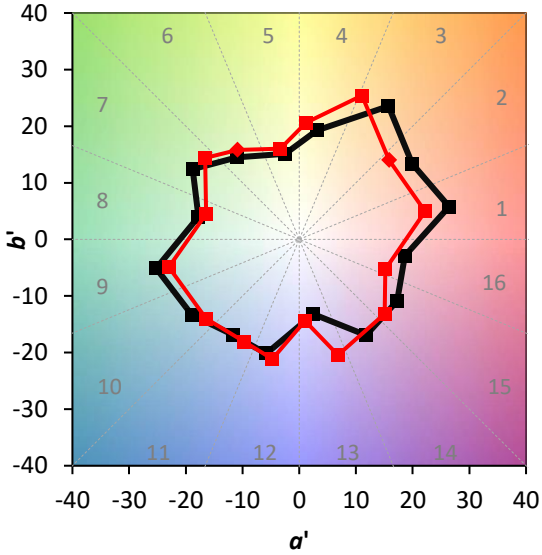
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

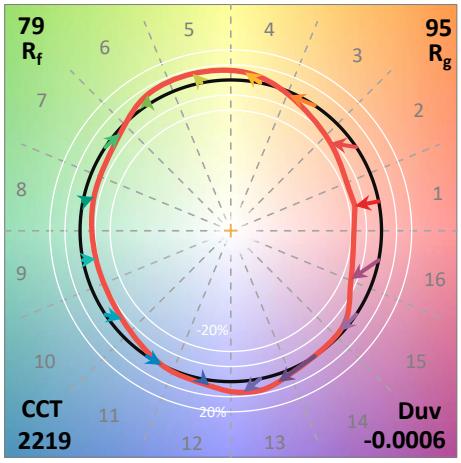
Spectral Power Distribution Comparison

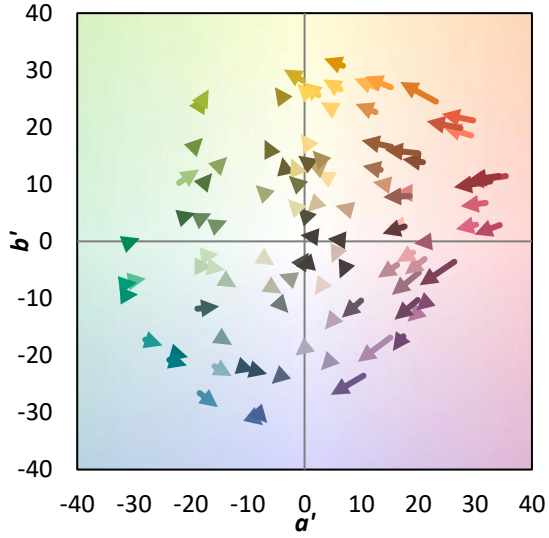


Color Vector Graphics







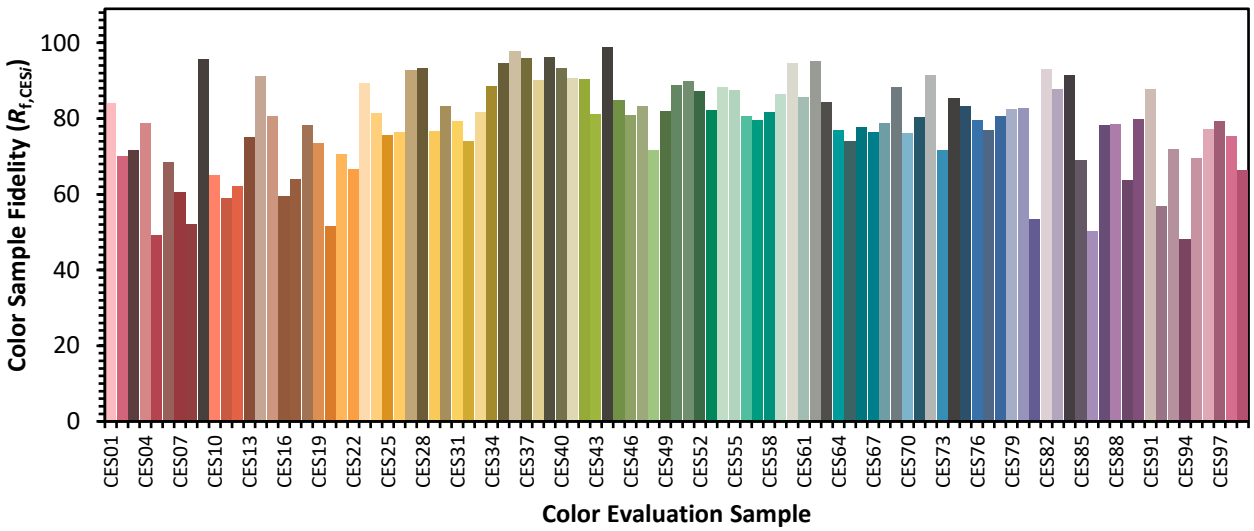


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Individual Sample Fidelity Index ($R_{f,i}$)

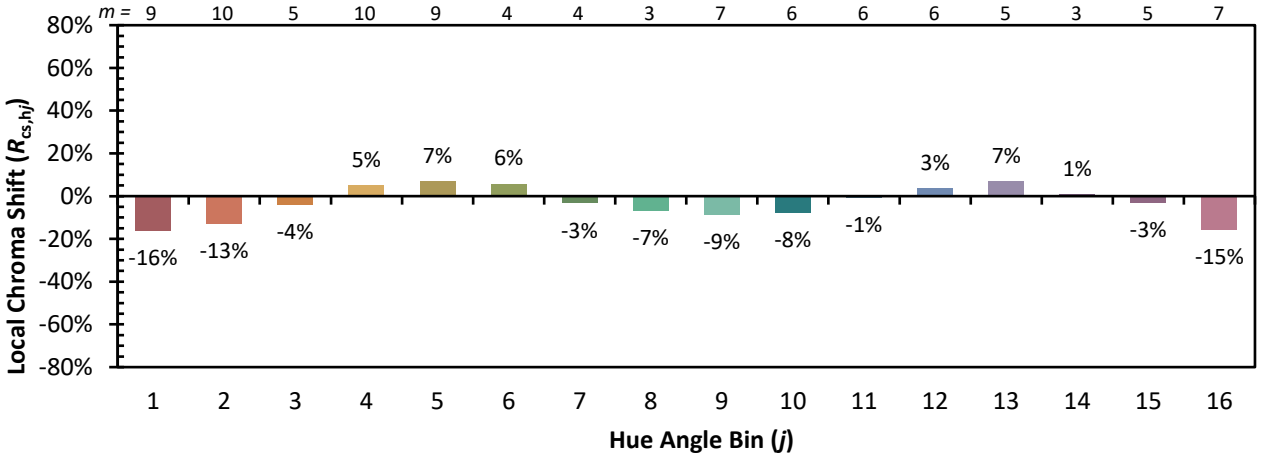
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

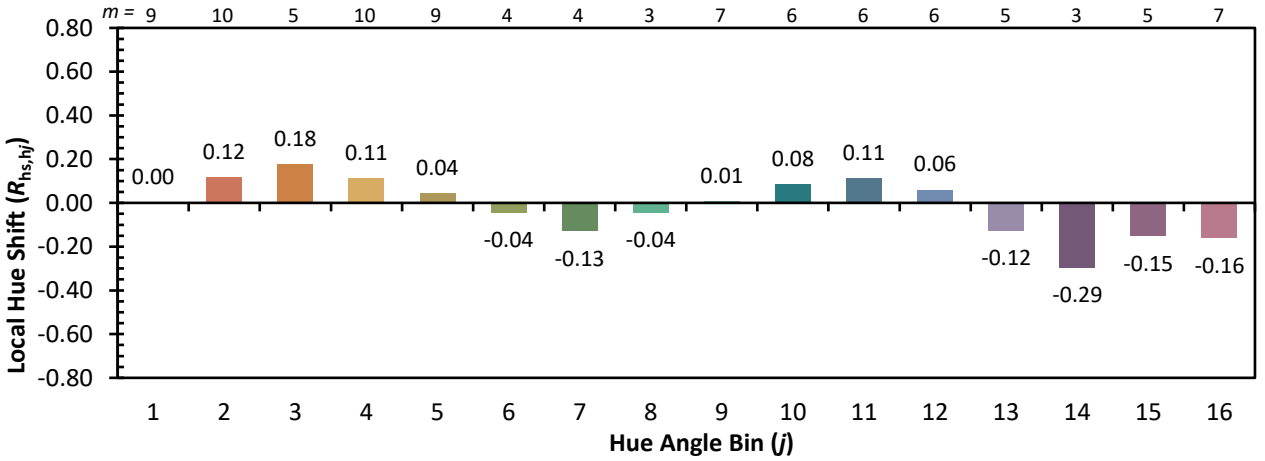


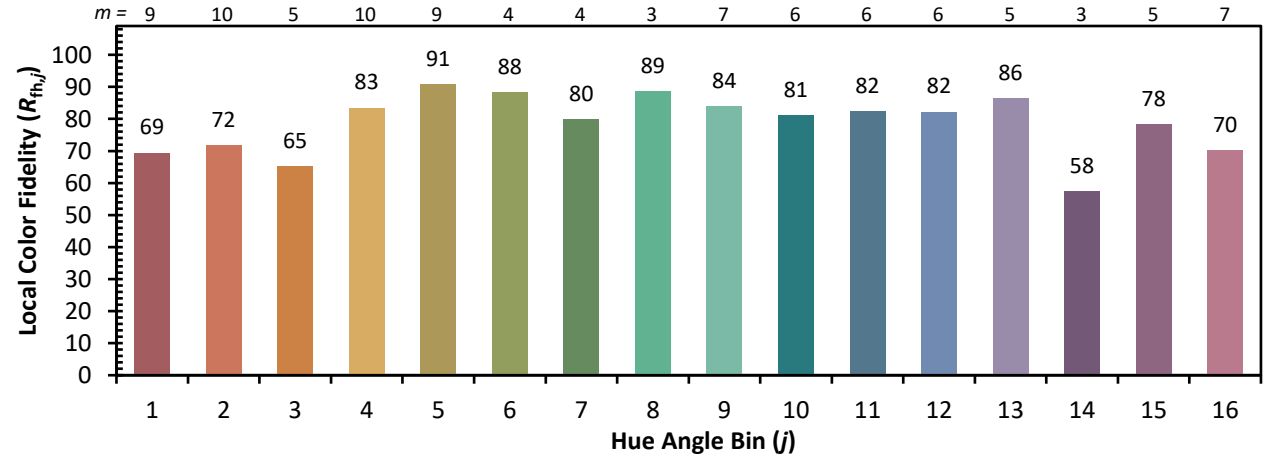
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Color Rendition by Hue-Angle Bin



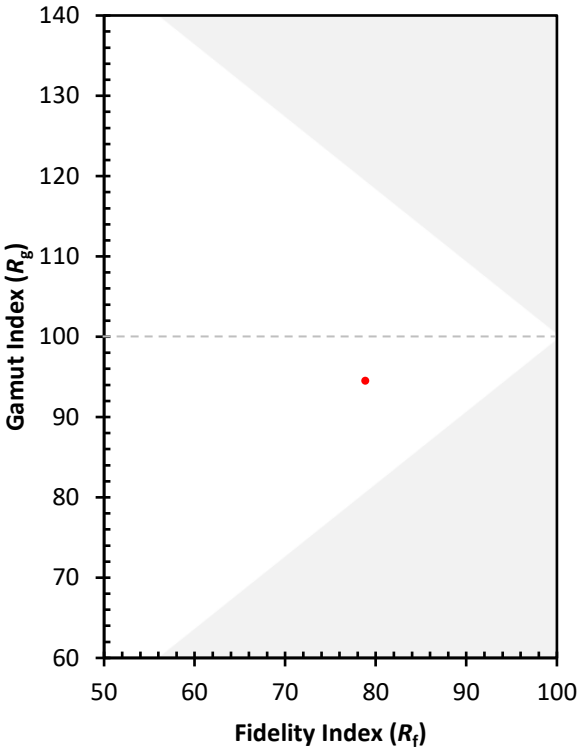


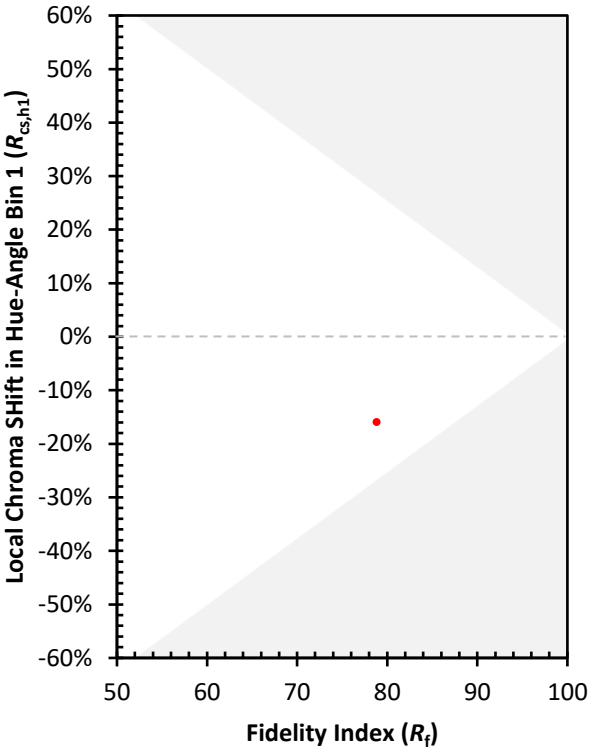


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Measure Comparisons





(END OF REPORT)