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: P981099

Luminaire Tested: **FFX-CLB-20-722-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:	P981099
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-722-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:	2618.1 lumens
Efficiency:	N/A
Efficacy:	132.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B2 - U3 - G1

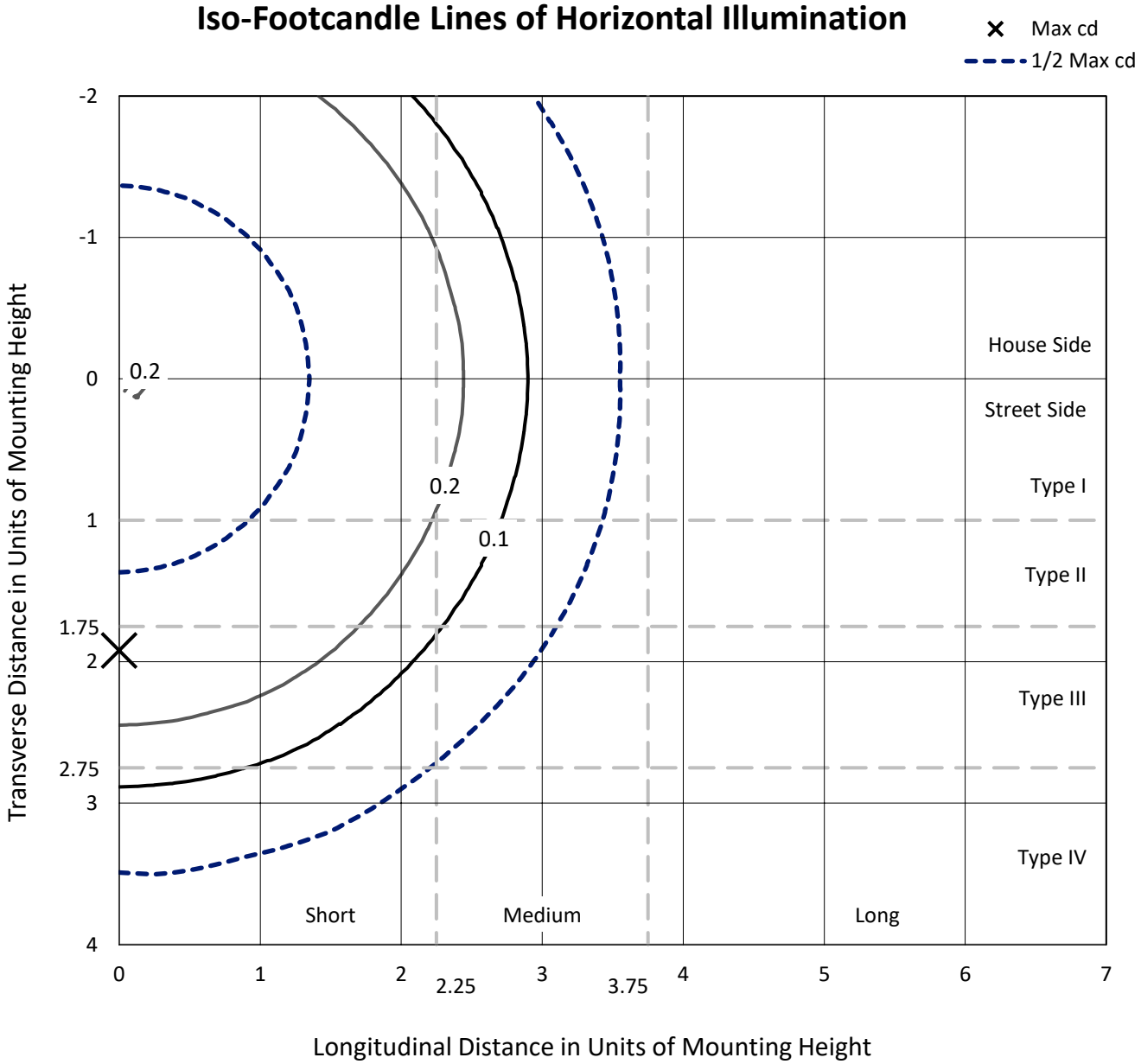
Input Watts (W):	19.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	9.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981099
CATALOG NUMBER: FFX-CLB-20-722-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



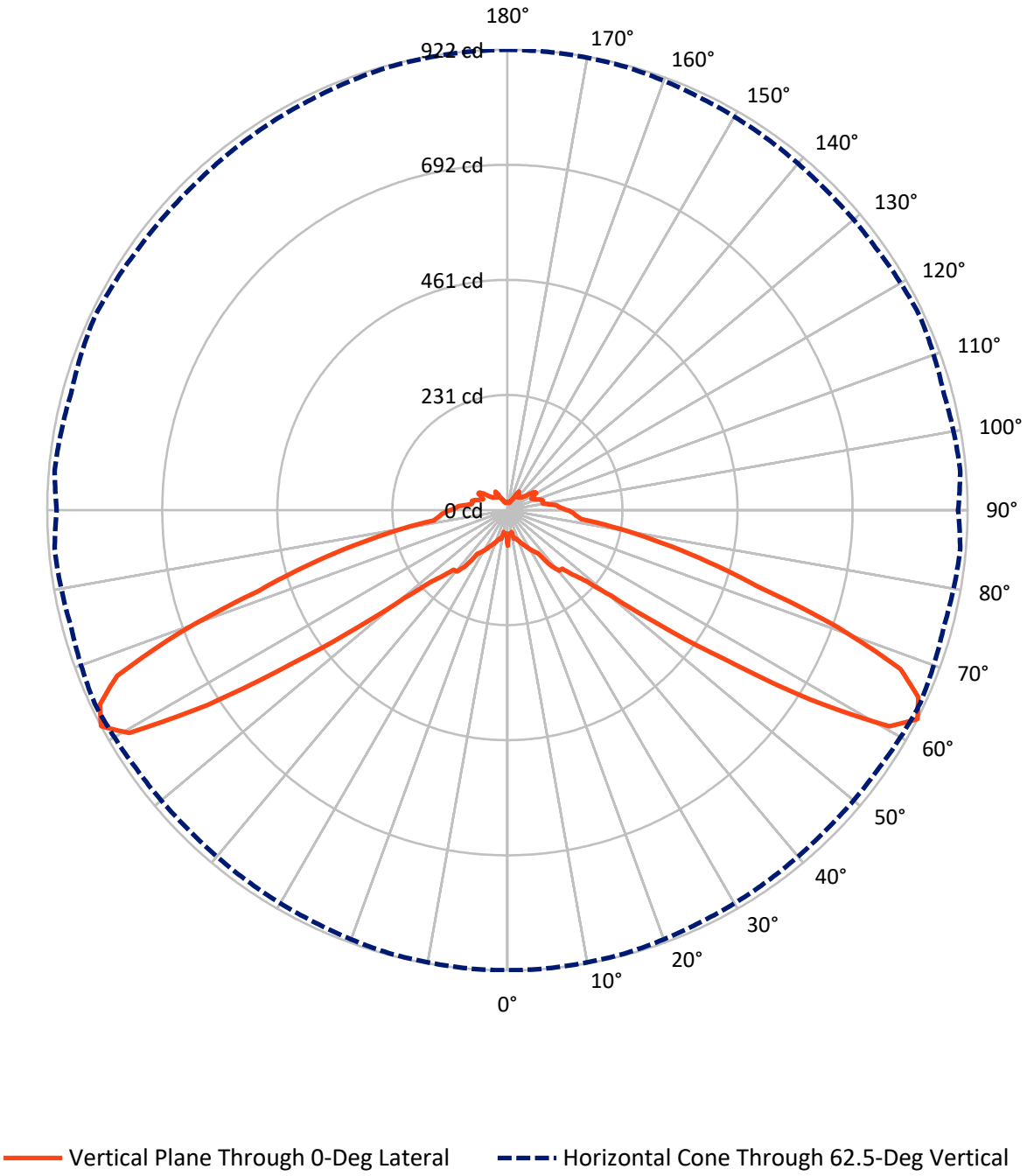
Based on 15 foot mounting height. Maximum calculated value = 0.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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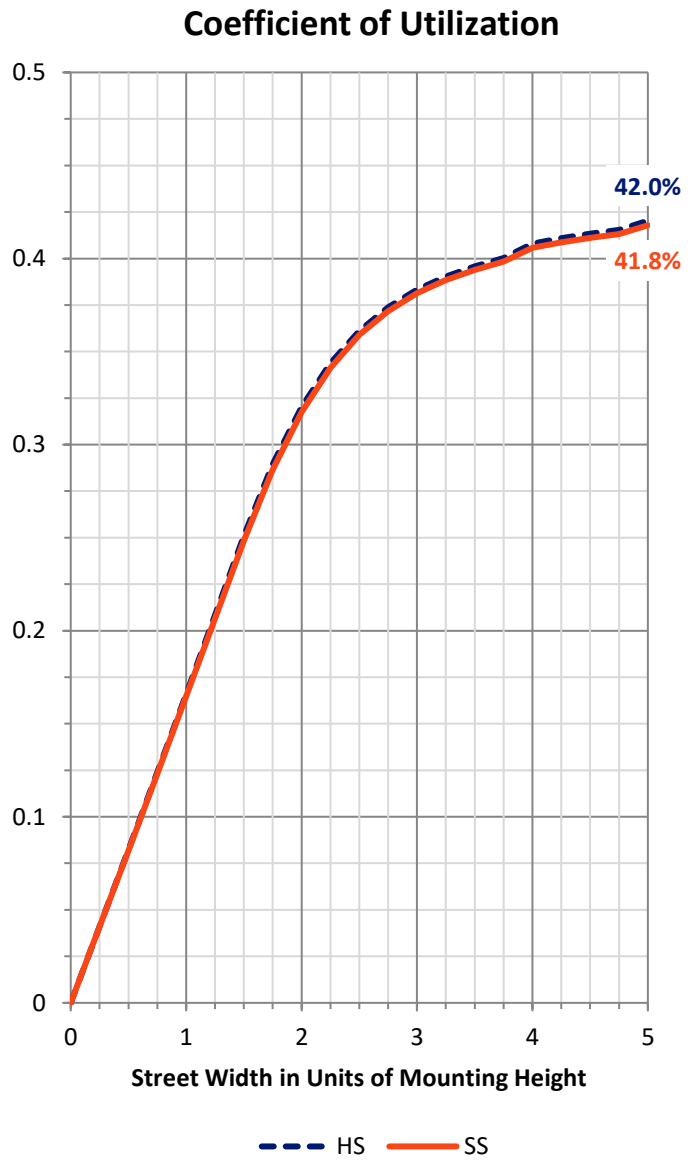
REPORT NUMBER: P981099
CATALOG NUMBER: FFX-CLB-20-722-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1139.5	169.5	1309.0
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	1139.5	169.5	1309.0
	% Fixture	43.5	6.5	50.0
Total	Lumens	2279.0	339.1	2618.1
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.5	0.2
10°-20°	16.6	0.6
20°-30°	36.4	1.4
30°-40°	74.8	2.9
40°-50°	154.4	5.9
50°-60°	504.3	19.3
60°-70°	850.2	32.5
70°-80°	462.8	17.7
80°-90°	175.0	6.7
90°-100°	106.4	4.1
100°-110°	67.1	2.6
110°-120°	51.0	1.9
120°-130°	43.6	1.7
130°-140°	29.3	1.1
140°-150°	24.1	0.9
150°-160°	11.4	0.4
160°-170°	4.5	0.2
170°-180°	1.5	0.1
0°-90°	2279.0	87.0
0°-180°	2618.1	100.0



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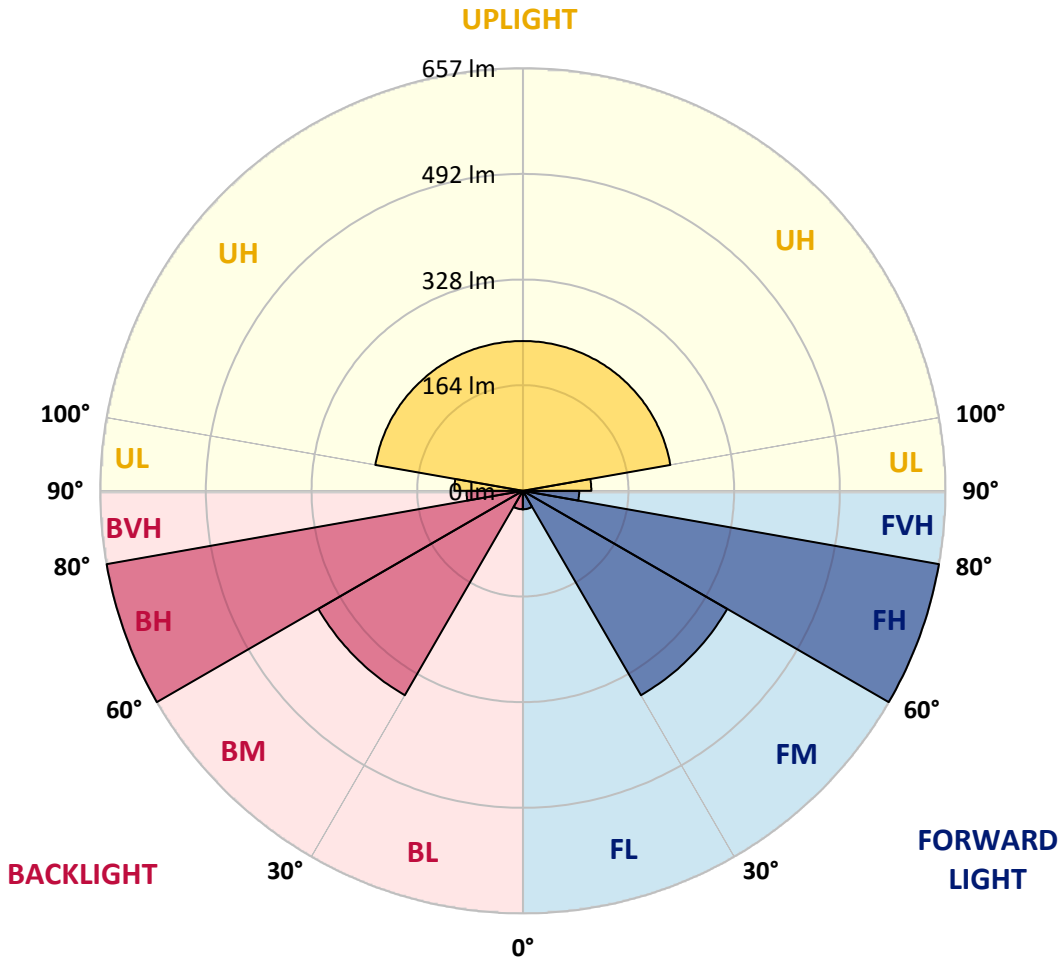
Scaled Data Report

REPORT NUMBER: P981099
CATALOG NUMBER: FFX-CLB-20-722-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°)	28.7	1.1			
FM	(30°-60°)	366.7	14.0			
FH	(60°-80°)	656.5	25.1			G0/660
FVH	(80°-90°)	87.5	3.3			G1/100
BL	(0°-30°)	28.7	1.1	B0/110		
BM	(30°-60°)	366.7	14.0	B1/1000		
BH	(60°-80°)	656.5	25.1	B2/1000		G0/660
BVH	(80°-90°)	87.5	3.3			G1/100
UL	(90°-100°)	106.4	4.1		U3/500	
UH	(100°-180°)	232.7	8.9		U3/500	

BUG Rating: B2-U3-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
2.5°	47.5	49.4	59.9	68.5	68.4	62.3	54.5	55.2	59.9	64.0	65.1
5°	47.8	47.1	46.6	44.5	43.8	44.9	44.2	42.1	41.3	41.4	44.7
7.5°	49.7	48.8	43.8	40.0	39.5	41.8	46.6	46.6	41.4	37.5	37.3
10°	44.7	44.5	46.3	48.0	48.5	46.4	44.4	43.3	43.0	42.6	42.3
12.5°	59.0	58.3	54.7	52.5	52.1	53.2	54.7	54.2	51.6	50.2	50.2
15°	58.7	59.0	59.6	58.7	58.5	58.7	59.6	59.0	58.2	57.1	57.1
17.5°	62.0	62.1	62.3	62.7	62.3	61.8	61.8	61.6	61.8	62.1	62.1
20°	67.0	67.1	67.1	67.1	67.0	65.9	65.9	66.1	65.9	66.3	66.1
22.5°	72.5	72.3	72.3	72.3	71.8	70.9	70.8	70.9	70.4	70.4	70.4
25°	77.8	78.2	78.7	78.5	77.7	77.0	76.5	76.6	76.3	76.3	76.3
27.5°	84.6	84.2	85.3	84.9	84.1	84.1	83.5	83.5	83.0	82.9	82.7
30°	92.2	92.0	92.0	92.2	91.8	91.5	91.5	91.1	90.3	90.4	90.8
32.5°	99.6	99.4	99.1	99.3	99.1	98.6	99.4	99.4	99.1	99.3	100.3
35°	106.8	107.9	110.3	112.0	112.5	112.4	113.1	114.3	113.4	112.9	113.4
37.5°	141.4	140.7	138.1	136.5	136.9	137.7	135.8	134.5	133.6	133.4	134.3
40°	159.5	158.8	155.0	155.4	152.8	153.6	154.5	155.7	154.8	152.9	152.9
42.5°	161.0	161.2	166.6	174.7	172.3	167.1	162.3	164.7	168.3	170.5	171.4
45°	184.9	187.1	187.1	187.6	187.8	188.0	184.5	186.1	189.0	192.6	192.5
47.5°	212.3	213.7	214.6	215.6	215.1	215.6	220.1	218.9	222.2	221.8	221.5
50°	269.8	275.7	276.7	280.7	278.3	278.8	287.1	287.7	287.7	287.2	287.9
52.5°	382.9	388.0	387.2	378.4	382.7	390.5	399.4	393.0	402.2	397.7	395.6
55°	526.5	526.6	532.3	544.6	550.3	544.2	549.1	537.2	557.2	559.6	553.6
57.5°	717.0	720.7	721.9	725.0	720.5	719.8	723.2	715.8	725.1	716.0	719.6
60°	880.0	875.3	862.0	843.2	845.3	852.7	866.2	861.5	855.0	842.2	839.2
62.5°	922.4	921.8	919.0	912.1	907.9	904.7	906.4	913.5	905.2	910.9	903.3
65°	905.0	904.5	907.1	913.1	908.6	897.6	887.9	899.5	894.3	913.3	907.8
67.5°	849.3	847.0	844.4	855.6	848.6	832.7	825.6	826.6	823.5	842.5	837.0
70°	700.5	696.8	701.7	719.5	709.3	695.1	687.0	690.5	691.3	703.4	705.3
72.5°	524.9	529.4	534.2	546.1	543.7	536.0	540.5	545.6	550.6	555.1	553.2
75°	415.5	420.8	411.2	417.0	415.0	421.0	425.1	427.6	427.0	422.4	420.3
77.5°	315.9	320.2	318.0	316.2	317.8	323.8	336.9	335.4	328.0	320.0	321.6
80°	227.2	234.8	235.6	234.9	238.2	239.1	250.1	247.2	241.1	241.0	242.7
82.5°	148.8	152.2	163.1	172.8	175.4	171.1	178.3	181.1	182.6	182.8	182.3
85°	137.7	141.5	139.0	144.1	145.3	146.5	147.8	148.8	150.5	152.1	152.8
87.5°	130.2	136.4	136.0	139.5	139.1	141.5	143.8	144.5	142.4	140.2	139.5
90°	116.3	121.3	123.2	125.3	126.4	126.0	127.9	127.9	126.5	125.5	125.1
92.5°	104.4	107.2	108.9	111.5	112.2	111.9	113.8	112.9	113.1	113.4	113.8
95°	98.7	99.9	99.4	100.5	99.1	97.9	98.6	97.5	97.0	96.1	96.1
97.5°	82.5	82.3	82.3	82.7	82.0	81.0	81.5	81.3	81.5	81.5	80.8
100°	72.3	72.2	71.1	70.9	70.8	70.4	69.9	70.1	70.1	69.9	70.1
102.5°	72.2	70.6	68.4	65.9	65.9	65.4	65.6	65.4	65.2	64.2	63.7
105°	73.5	71.1	67.3	62.5	61.8	62.0	62.5	62.3	61.6	60.6	59.9
107.5°	68.0	65.2	63.0	59.9	59.0	58.9	59.2	59.4	58.7	57.3	56.3
110°	60.2	59.2	58.2	57.0	56.1	55.9	55.9	55.9	55.2	54.7	53.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*56.8*	55.6	54.4	53.3	52.8	52.6	52.3	52.0	51.4	50.9	50.2
115°	*53.5*	53.5	52.6	48.8	48.0	47.8	47.6	47.6	47.6	47.6	47.5
117.5°	*58.0*	57.5	54.2	49.4	47.8	47.0	46.3	46.6	46.4	47.6	47.3
120°	*66.5*	62.7	55.6	52.1	50.7	50.1	50.2	50.4	50.2	49.9	49.2
122.5°	*65.8*	61.6	57.3	54.7	53.2	53.0	53.7	53.5	52.0	49.5	47.6
125°	*57.8*	55.6	53.0	50.6	49.7	49.4	49.7	49.2	48.2	47.0	45.1
127.5°	*44.9*	44.5	43.2	42.1	42.3	42.8	43.7	43.7	43.2	42.5	41.4
130°	*40.2*	39.9	40.0	40.4	40.2	40.2	39.4	38.7	39.9	40.9	40.4
132.5°	*37.1*	37.3	39.0	41.6	41.1	39.7	37.6	37.3	39.2	41.3	41.1
135°	*35.7*	35.9	37.3	39.9	39.2	37.5	36.6	36.8	37.8	38.8	38.7
137.5°	*35.7*	35.7	35.4	36.2	36.2	36.2	36.1	36.6	37.3	37.3	36.8
140°	*35.2*	35.6	34.5	34.7	35.2	35.7	35.9	36.6	36.8	36.6	35.9
142.5°	*32.3*	32.6	33.7	35.0	35.4	35.7	36.8	36.6	36.6	36.6	36.2
145°	*39.7*	39.7	40.6	41.8	41.3	40.6	40.9	41.1	41.4	41.8	41.4
147.5°	*43.8*	43.8	42.8	42.5	41.6	41.6	42.6	42.5	42.3	41.9	42.1
150°	*36.2*	36.1	35.2	34.9	34.9	34.5	35.0	35.0	34.5	34.2	34.4
152.5°	*25.9*	26.1	25.7	26.1	26.6	27.1	27.6	28.0	28.0	28.0	27.6
155°	*23.5*	23.1	23.0	23.3	23.5	23.3	23.0	23.0	23.0	22.6	22.4
157.5°	*20.4*	20.2	20.0	20.2	20.2	20.4	20.5	20.7	20.7	20.4	20.2
160°	*17.6*	17.6	17.6	17.8	17.8	17.6	17.4	17.6	18.0	18.0	18.0
162.5°	*15.9*	16.1	16.2	16.6	16.6	16.2	15.9	15.9	16.2	16.6	16.6
165°	*14.7*	14.7	15.0	15.7	15.9	15.4	14.8	14.8	15.4	16.1	16.2
167.5°	*14.7*	14.8	15.4	15.9	15.7	15.2	14.7	14.7	15.2	15.7	15.7
170°	*15.7*	15.7	15.5	15.4	15.2	15.2	15.2	15.4	15.5	15.4	15.4
172.5°	*16.6*	16.4	15.9	15.4	15.2	15.7	16.1	15.9	15.7	15.4	15.4
175°	*16.9*	16.7	16.4	16.1	16.1	16.4	16.6	16.2	15.9	15.7	15.5
177.5°	*15.2*	15.2	15.0	15.0	15.2	15.0	15.0	15.0	14.8	14.7	14.5
180°	*13.1*	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1

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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

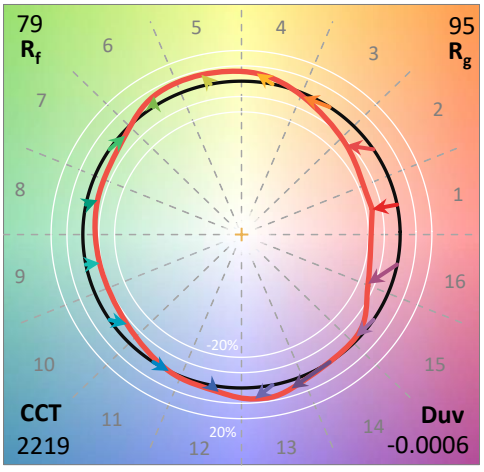
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Version: v7.04

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

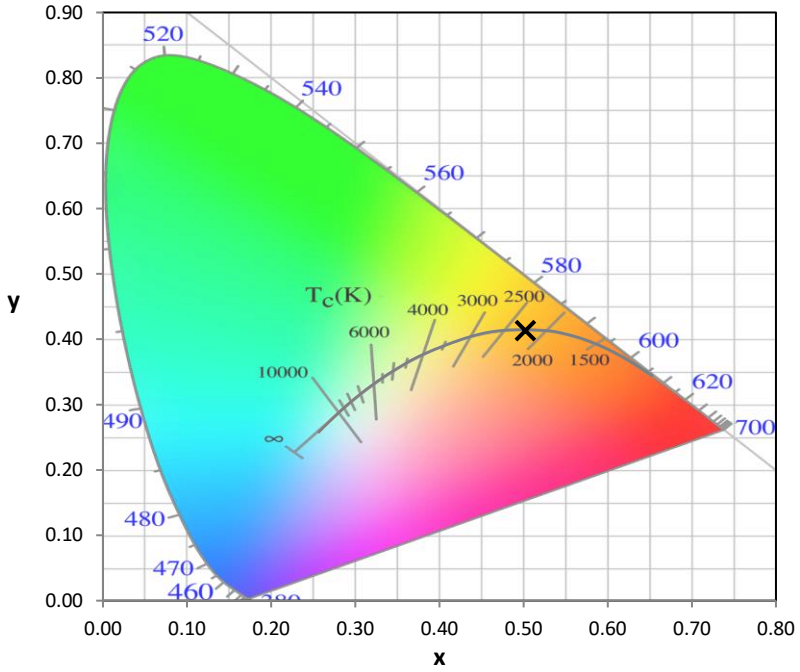
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

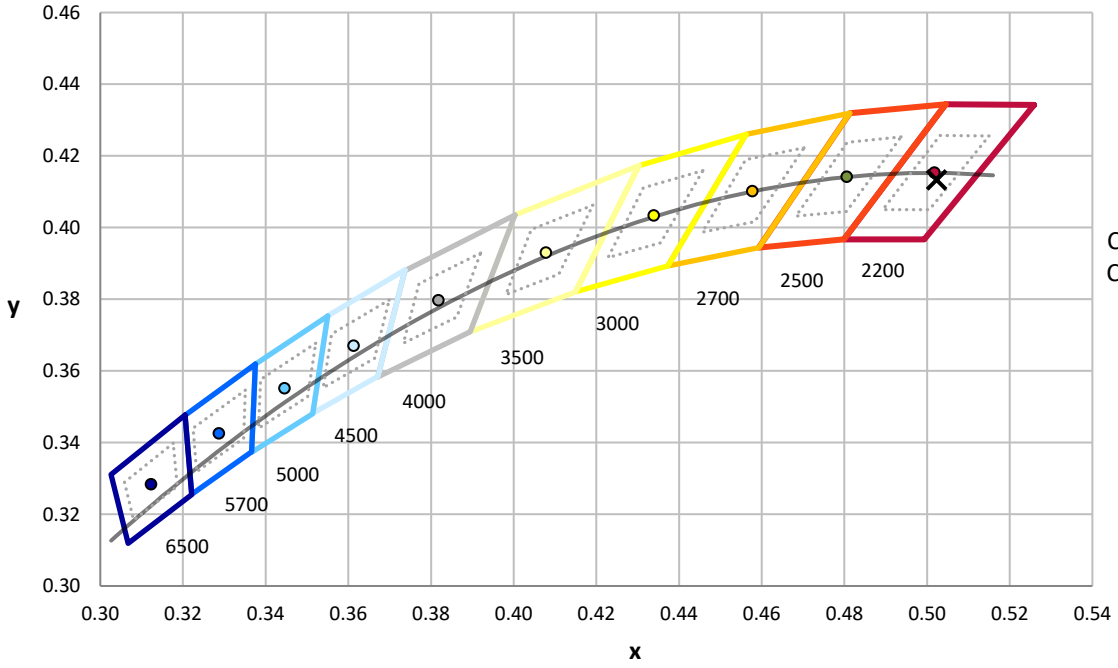
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

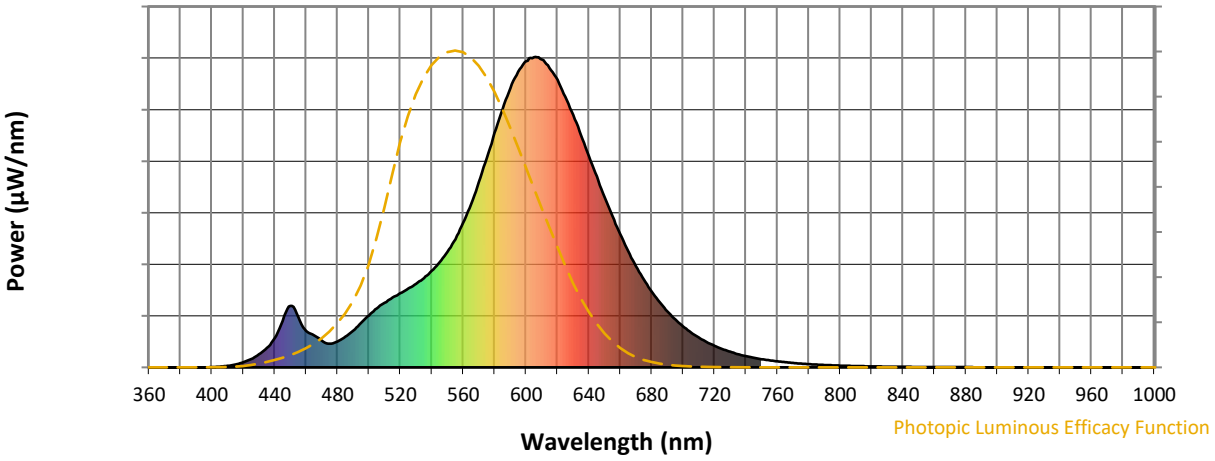


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

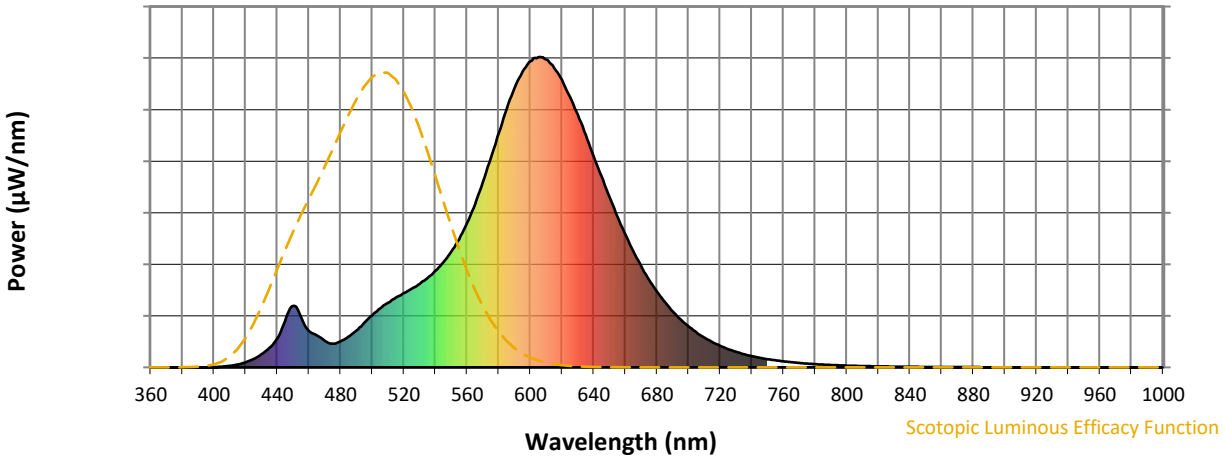


Photopic Lumens: NR

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

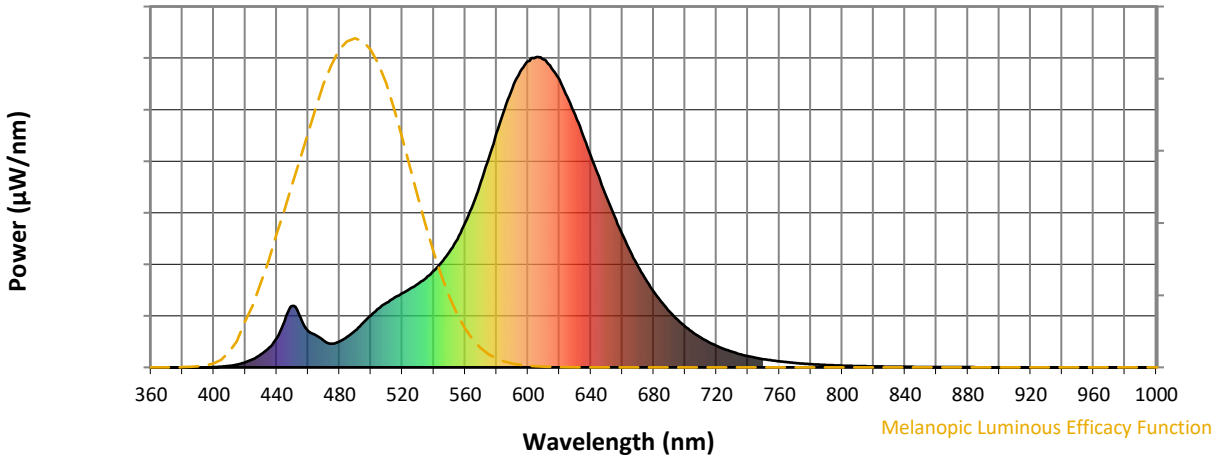


Scotopic Lumens: NR **S/P: 0.94**

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			

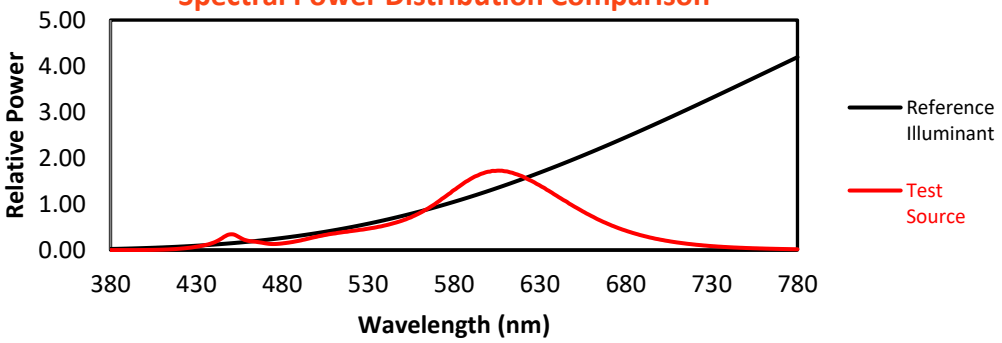
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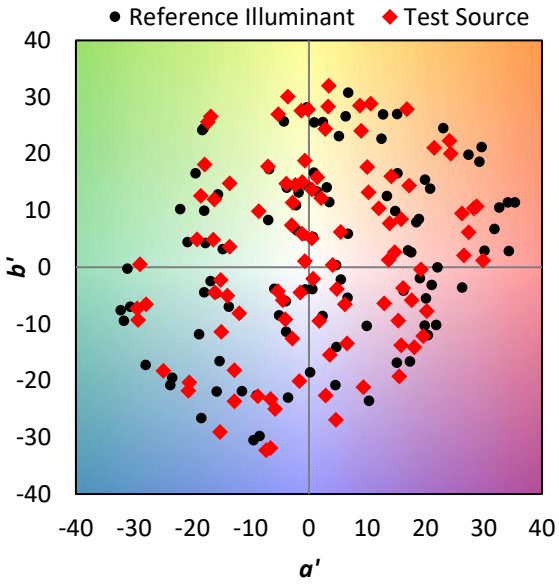
Summary

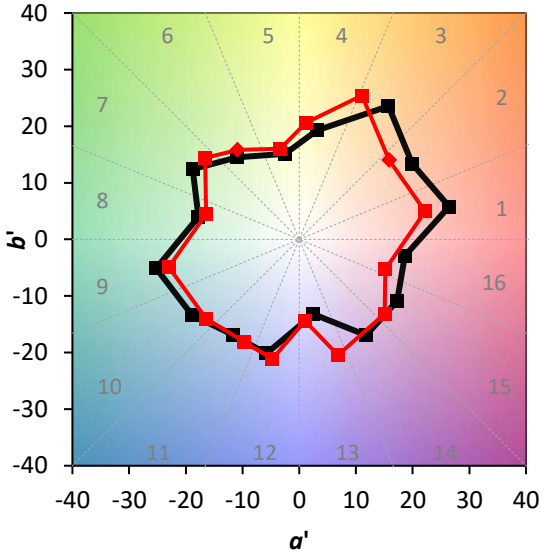
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

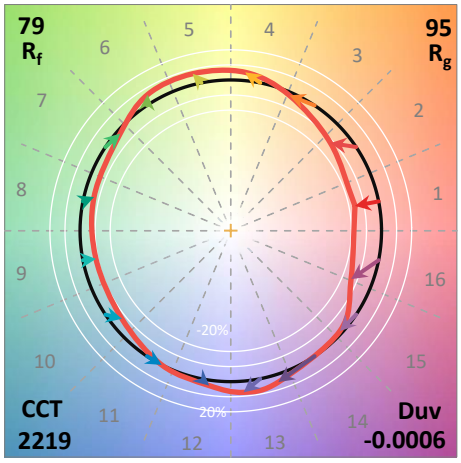
Spectral Power Distribution Comparison

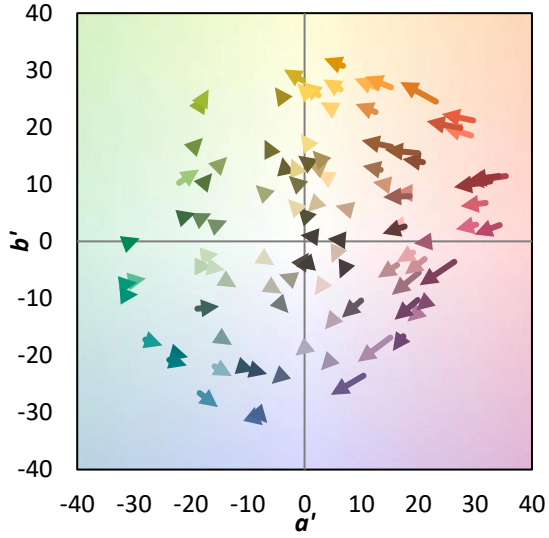


Color Vector Graphics







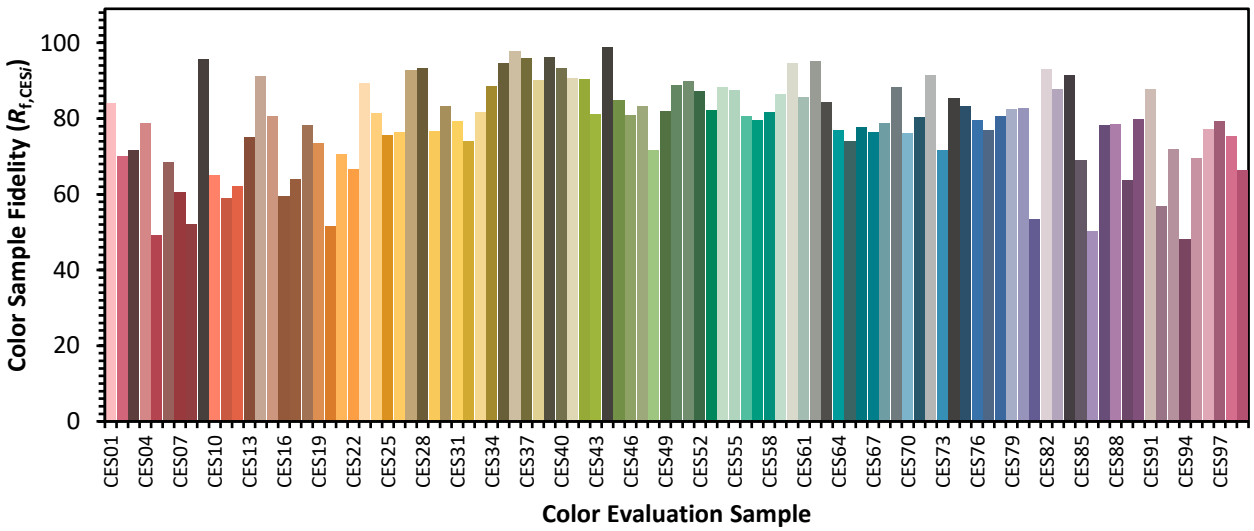


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Individual Sample Fidelity Index ($R_{f,i}$)

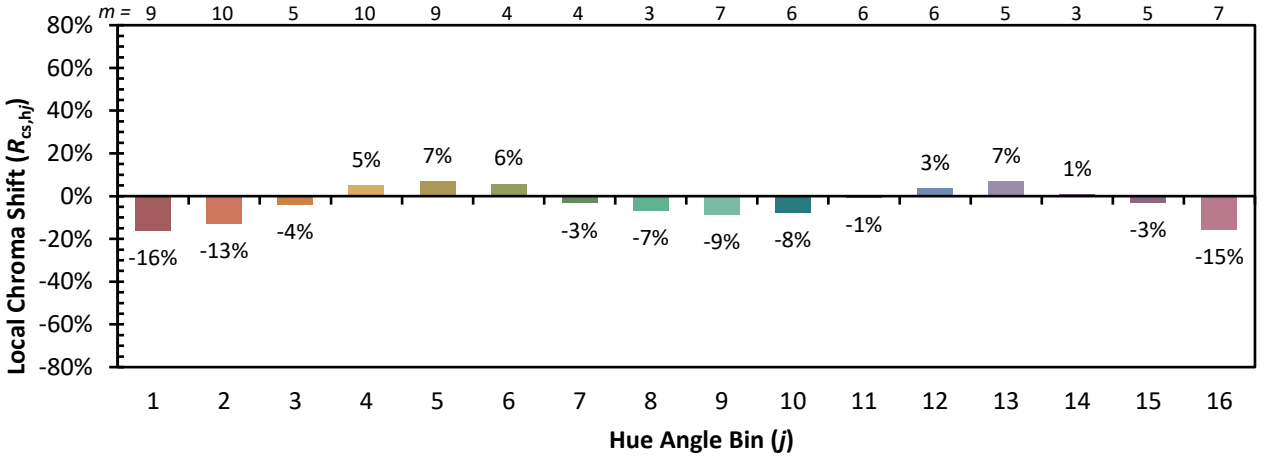
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

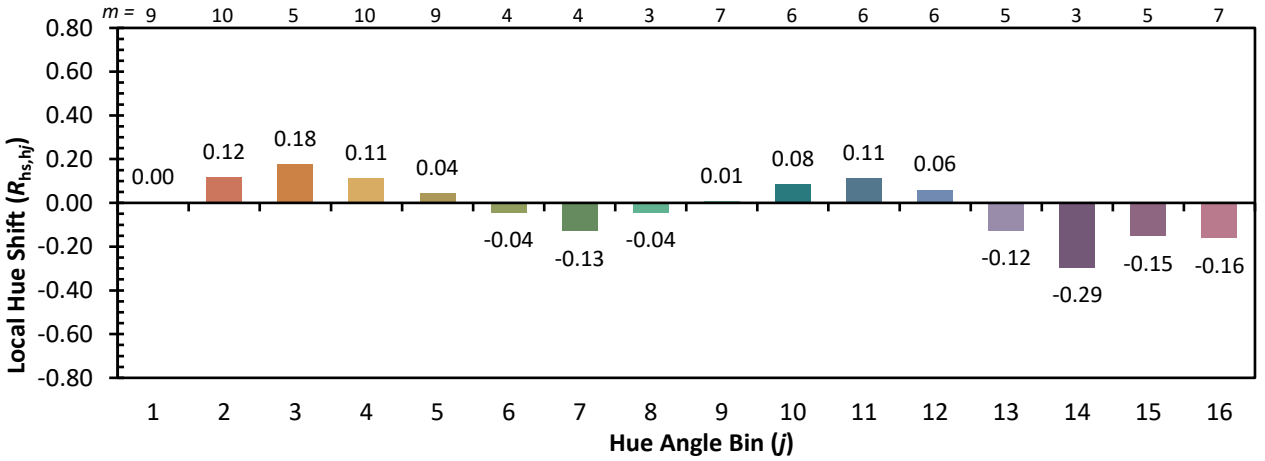


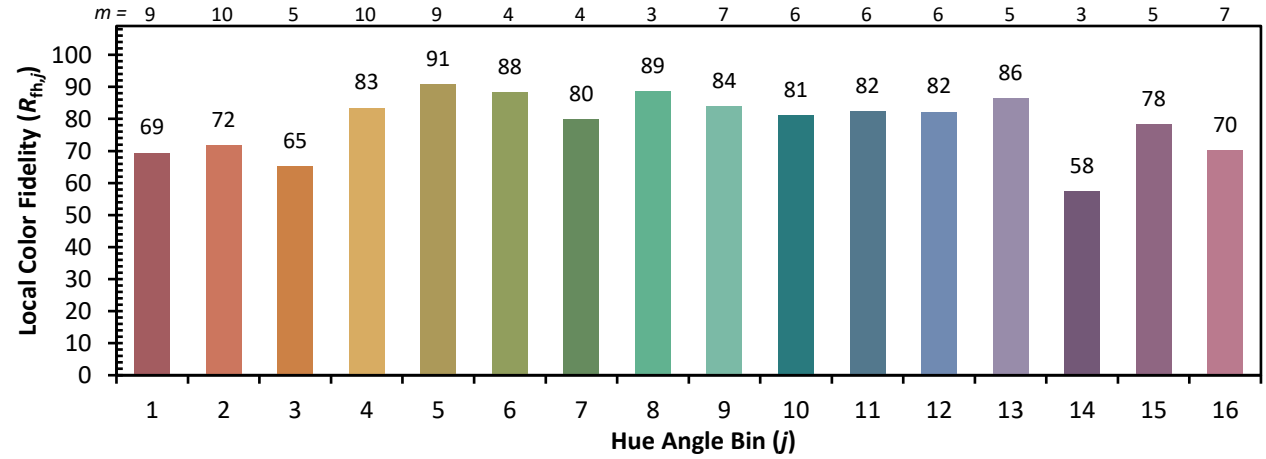
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Color Rendition by Hue-Angle Bin



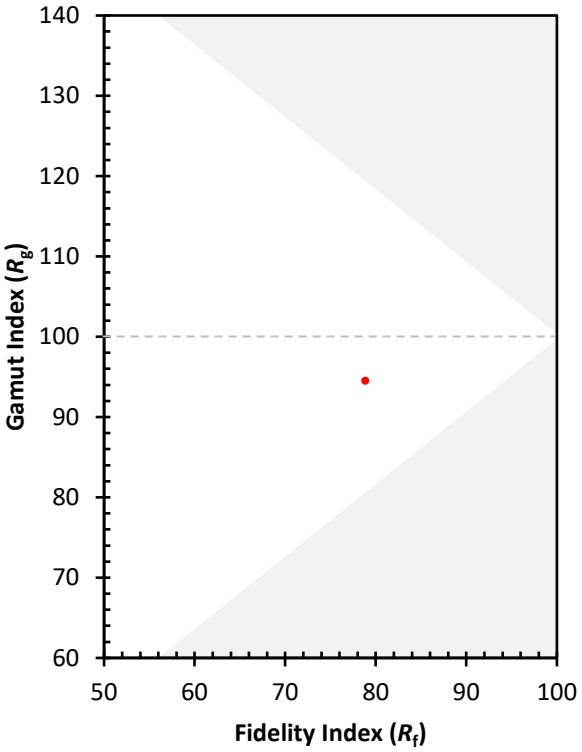


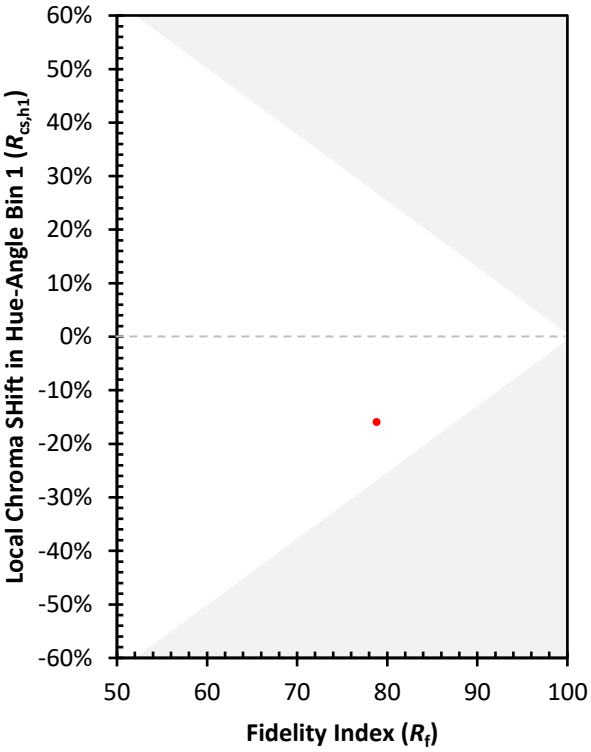


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Measure Comparisons





(END OF REPORT)