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: P981229

Luminaire Tested: **FFX-CLB-70-722-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:	P981229
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-70-722-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:	9640.4 lumens
Efficiency:	N/A
Efficacy:	135.4 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G4

Input Watts (W):	71.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.93%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

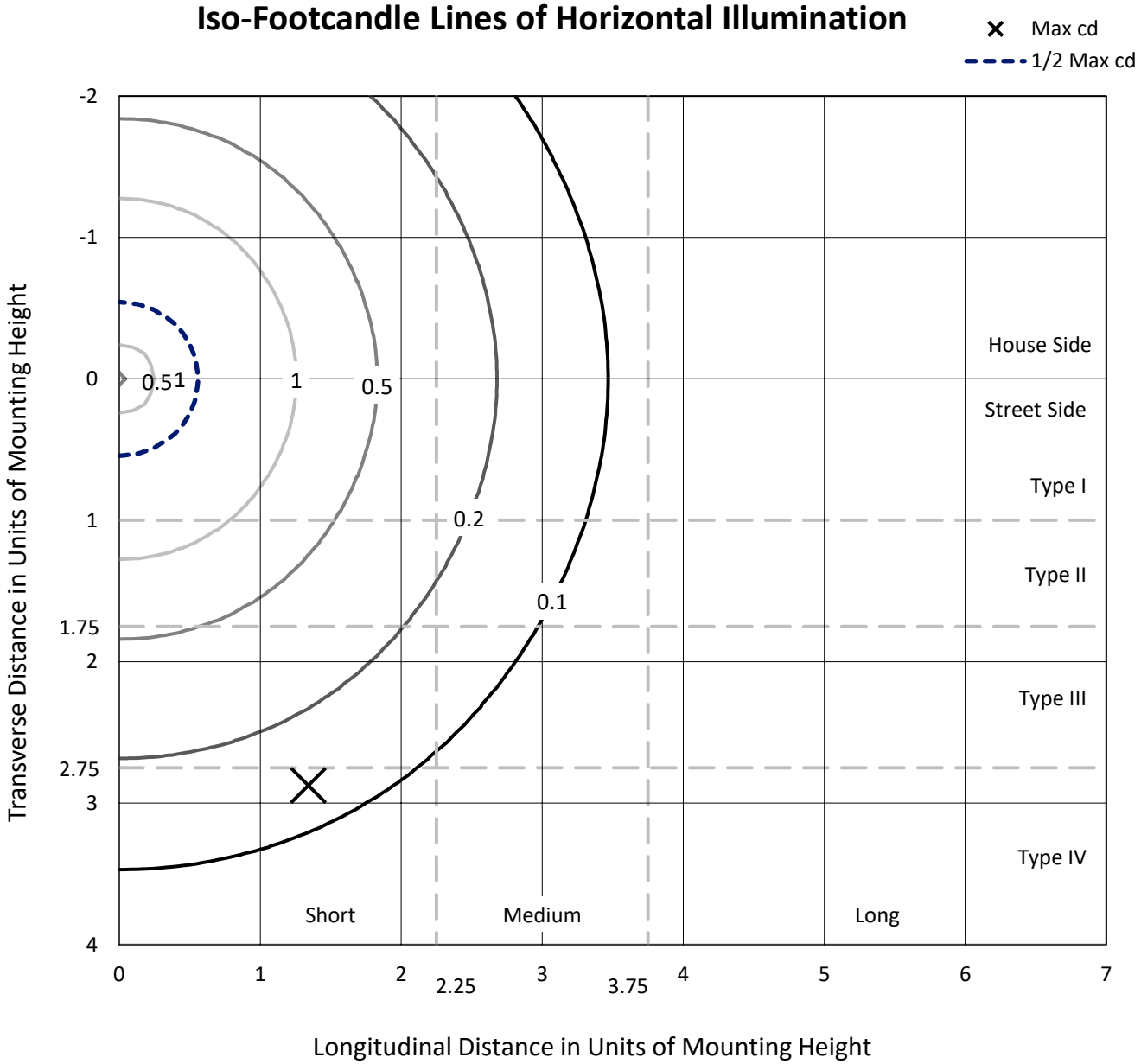


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REPORT NUMBER: P981229
CATALOG NUMBER: FFX-CLB-70-722-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



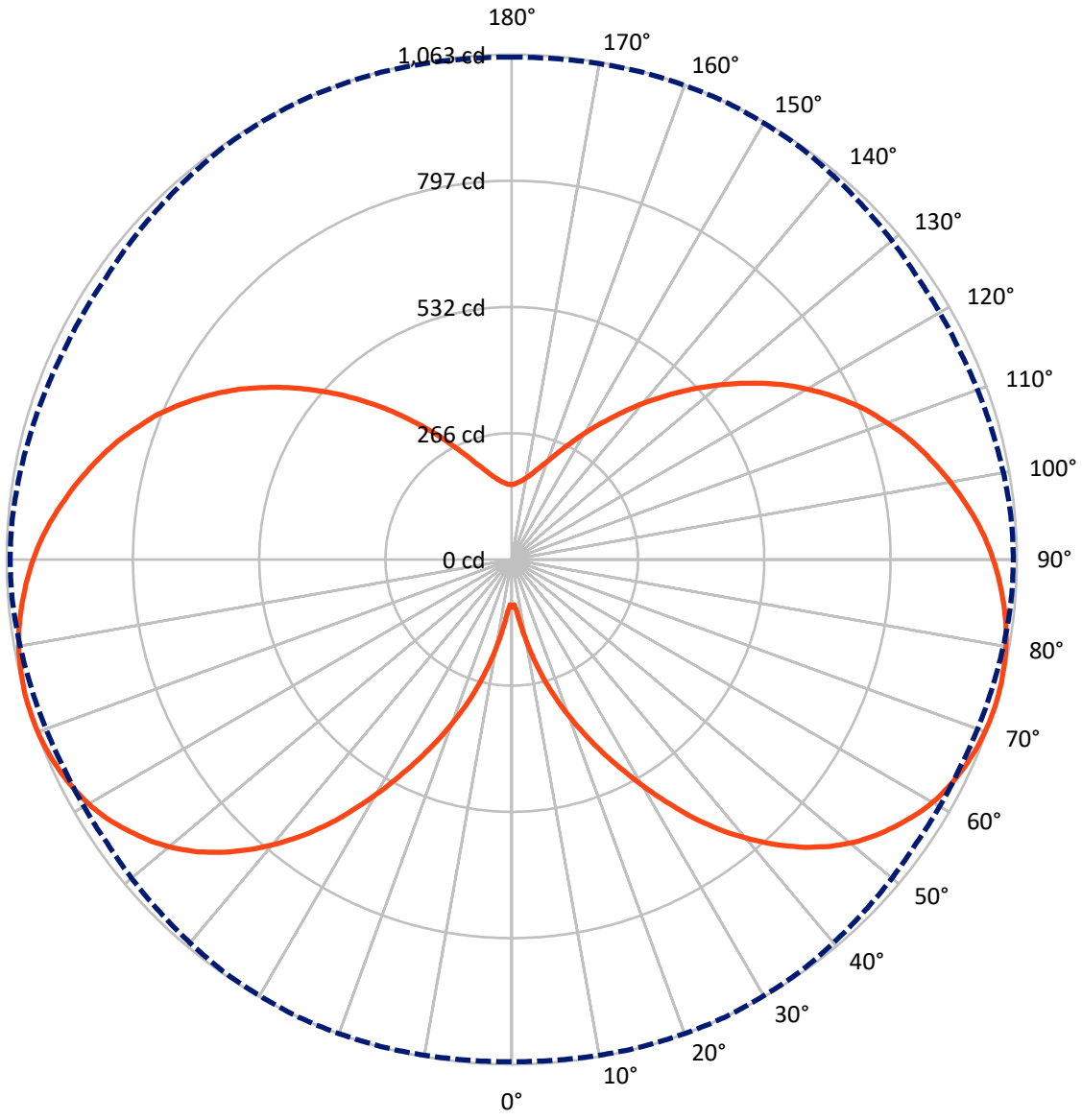
Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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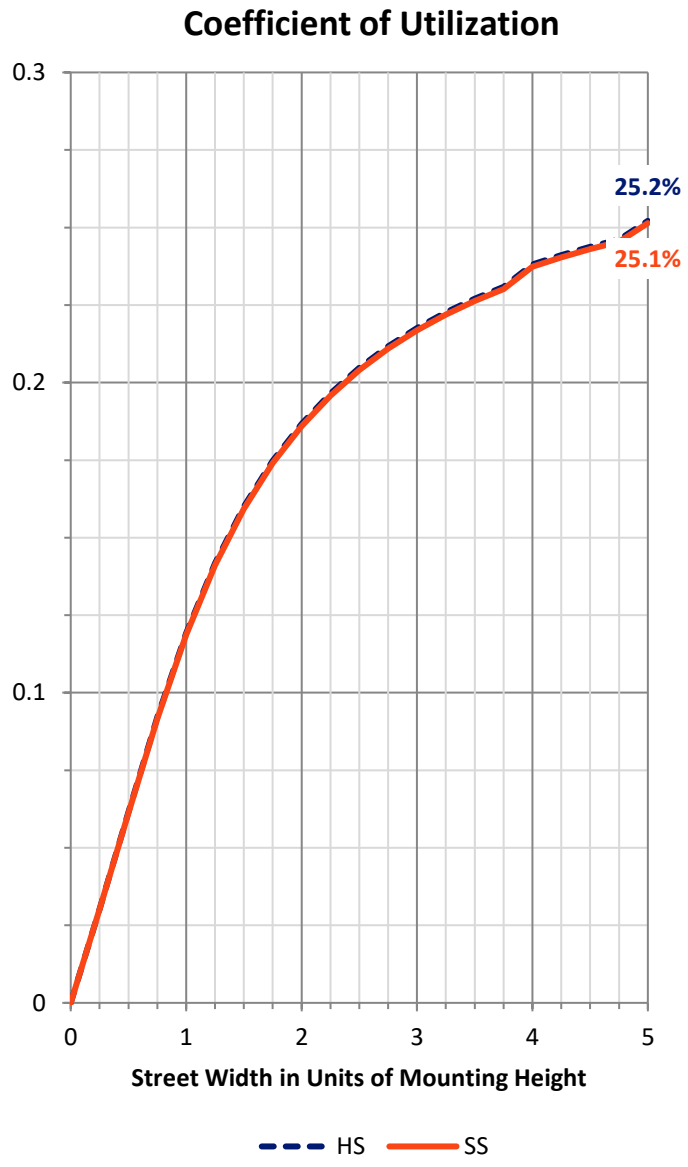
REPORT NUMBER: P981229
CATALOG NUMBER: FFX-CLB-70-722-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2757.8	2062.4	4820.2
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	2757.8	2062.4	4820.2
	% Fixture	28.6	21.4	50.0
Total	Lumens	5515.5	4124.9	9640.4
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.9	0.1
10°-20°	78.4	0.8
20°-30°	212.2	2.2
30°-40°	419.0	4.3
40°-50°	660.2	6.8
50°-60°	874.8	9.1
60°-70°	1028.6	10.7
70°-80°	1111.2	11.5
80°-90°	1118.1	11.6
90°-100°	1052.8	10.9
100°-110°	930.5	9.7
110°-120°	767.1	8.0
120°-130°	573.4	5.9
130°-140°	382.8	4.0
140°-150°	227.5	2.4
150°-160°	119.7	1.2
160°-170°	55.2	0.6
170°-180°	15.8	0.2
0°-90°	5515.5	57.2
0°-180°	9640.4	100.0



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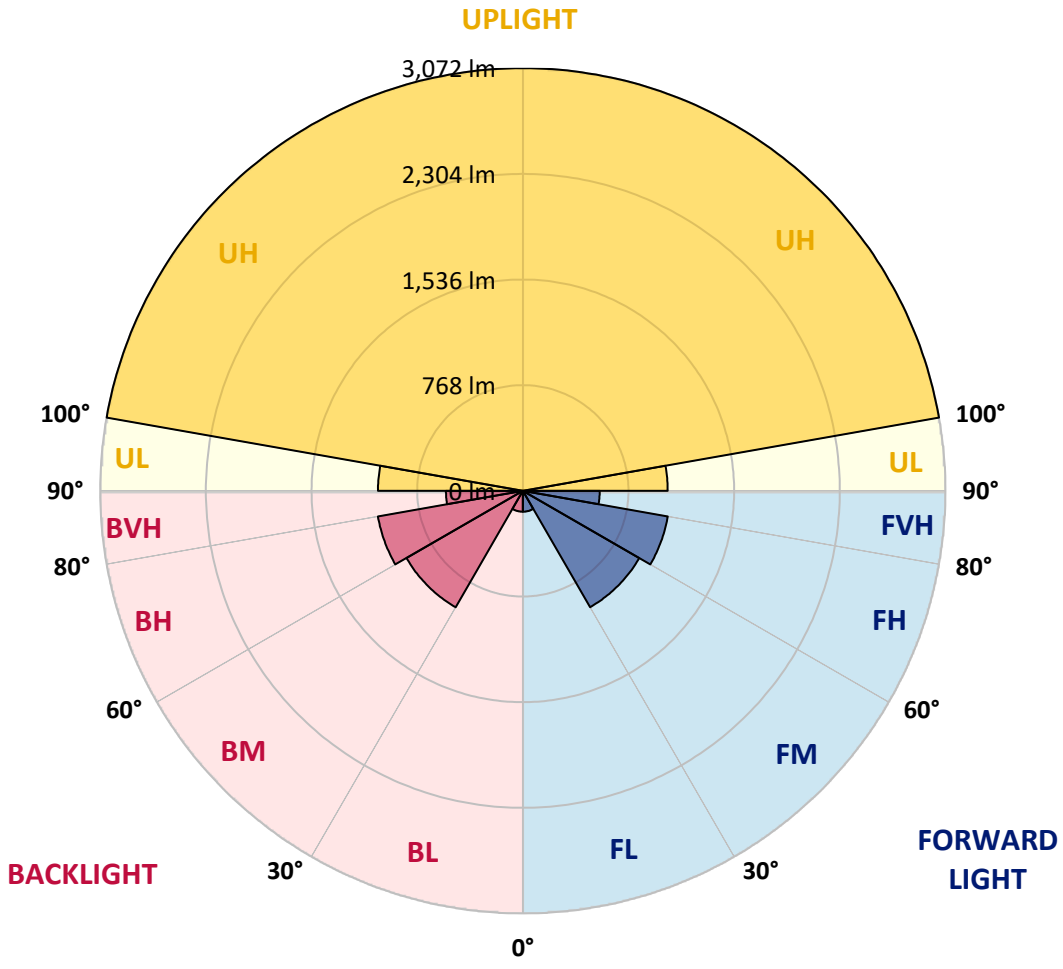
Scaled Data Report

REPORT NUMBER: P981229
CATALOG NUMBER: FFX-CLB-70-722-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	151.8	1.6			
FM	(30°-60°)	977.0	10.1			
FH	(60°-80°)	1069.9	11.1			G1/1800
FVH	(80°-90°)	559.1	5.8			G4/750
BL	(0°-30°)	151.8	1.6	B1/500		
BM	(30°-60°)	977.0	10.1	B1/1000		
BH	(60°-80°)	1069.9	11.1	B3/2500		G1/1800
BVH	(80°-90°)	559.1	5.8			G4/750
UL	(90°-100°)	1052.8	10.9		U5	
UH	(100°-180°)	3072.1	31.9		U5	

BUG Rating: B3-U5-G4
Type V Short



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REPORT NUMBER: P981229
CATALOG NUMBER: FFX-CLB-70-722-U-VM8-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2	100.2
2.5°	94.1	94.1	94.7	95.3	95.9	96.5	97.1	97.7	98.3	97.7	97.7
5°	108.6	109.8	109.8	109.8	109.2	109.8	111.0	111.0	112.2	111.6	111.0
7.5°	139.4	142.4	142.4	141.8	141.2	141.8	141.2	141.2	141.2	140.6	141.8
10°	181.6	180.4	181.0	180.4	179.2	179.8	180.4	179.2	179.2	179.2	179.2
12.5°	222.6	222.0	223.8	223.2	223.8	222.0	223.2	222.0	222.0	220.2	220.8
15°	270.9	270.9	270.3	268.5	269.1	266.7	267.9	267.3	265.5	265.5	264.9
17.5°	315.5	314.9	315.5	313.1	313.1	312.5	311.3	310.7	310.7	308.9	308.3
20°	360.2	359.0	358.4	358.4	356.6	356.6	355.4	352.9	351.7	352.3	351.1
22.5°	408.5	406.0	406.0	406.0	402.4	401.2	400.6	398.2	398.2	396.4	396.4
25°	456.7	457.3	457.3	454.9	453.1	450.7	449.5	447.7	445.9	445.3	445.9
27.5°	509.8	511.0	509.2	505.0	504.4	502.0	498.9	496.5	497.1	494.1	496.5
30°	567.7	565.3	561.7	560.5	558.1	555.7	553.2	548.4	549.0	547.8	548.4
32.5°	620.8	620.8	619.6	616.0	614.2	608.8	606.3	600.3	600.9	600.3	597.9
35°	678.7	676.9	674.5	673.9	667.9	664.3	660.0	653.4	654.6	654.0	654.6
37.5°	727.6	728.2	729.4	726.4	721.0	716.1	711.3	706.5	705.3	705.9	704.7
40°	780.7	780.1	778.9	775.3	771.0	765.6	759.6	756.6	752.9	755.4	754.8
42.5°	824.1	826.0	825.3	821.7	816.3	810.9	806.0	801.2	799.4	798.8	798.8
45°	866.4	867.0	865.2	864.6	857.3	852.5	846.5	842.2	841.0	841.0	842.8
47.5°	905.6	905.0	903.8	902.6	897.1	889.9	882.7	879.6	879.0	880.3	880.9
50°	937.0	938.2	937.6	935.8	930.3	923.7	915.8	912.8	913.4	914.6	915.2
52.5°	965.3	965.3	965.9	963.5	958.7	951.4	944.2	941.8	941.8	943.6	942.4
55°	987.0	988.2	988.8	987.0	984.0	975.6	968.3	964.1	965.9	967.7	968.3
57.5°	1007.6	1008.8	1008.8	1008.8	1003.9	996.1	988.8	985.2	987.6	990.7	991.3
60°	1023.8	1024.4	1026.3	1026.3	1022.0	1013.0	1005.1	1002.1	1005.1	1009.4	1008.8
62.5°	1035.9	1035.9	1038.3	1038.9	1034.7	1025.7	1017.8	1015.4	1019.0	1023.8	1025.7
65°	1046.2	1046.8	1048.6	1049.2	1045.6	1035.3	1026.9	1026.3	1031.1	1035.9	1036.5
67.5°	1051.6	1052.2	1055.2	1056.4	1052.2	1041.9	1034.1	1032.3	1038.9	1045.0	1045.6
70°	1055.2	1056.4	1060.0	1061.2	1057.0	1046.2	1037.7	1037.1	1044.4	1051.0	1051.6
72.5°	1057.6	1058.2	1061.9	1063.1	1058.8	1048.6	1040.1	1040.1	1046.8	1054.6	1055.8
75°	1057.6	1058.2	1061.2	1063.1	1058.8	1048.0	1038.9	1038.9	1048.0	1055.8	1057.6
77.5°	1052.8	1054.6	1058.2	1060.0	1055.8	1045.0	1036.5	1036.5	1045.6	1054.0	1055.8
80°	1048.0	1048.6	1052.8	1055.2	1050.4	1040.1	1031.1	1031.1	1040.7	1049.8	1051.0
82.5°	1040.1	1040.7	1045.0	1047.4	1043.1	1032.3	1023.2	1023.8	1032.9	1041.9	1043.1
85°	1029.3	1030.5	1034.7	1036.5	1032.9	1021.4	1013.0	1013.6	1023.2	1031.7	1032.9
87.5°	1017.8	1017.8	1022.6	1024.4	1020.8	1009.4	1000.9	1000.9	1010.6	1019.6	1020.2
90°	1002.1	1003.3	1007.6	1010.6	1005.7	996.1	987.0	987.0	996.1	1004.5	1006.9
92.5°	987.6	988.2	992.5	994.3	990.1	979.8	972.0	972.0	981.0	989.5	990.7
95°	970.1	970.1	973.2	975.6	970.7	962.3	955.1	955.1	962.3	969.5	970.7
97.5°	951.4	951.4	955.1	954.5	950.8	941.8	935.8	935.2	942.4	948.4	950.2
100°	930.3	931.5	933.9	933.3	930.3	921.3	915.8	915.8	921.3	926.7	927.9
102.5°	909.8	909.8	911.0	910.4	906.2	898.4	895.3	894.7	899.6	903.2	903.8
105°	888.7	888.7	887.5	887.5	882.1	876.0	872.4	872.4	876.6	879.0	879.0
107.5°	864.6	863.4	864.6	862.8	857.3	851.3	849.5	848.9	850.7	853.1	851.9
110°	839.8	839.2	838.6	835.0	830.8	827.2	824.1	824.1	826.0	826.6	826.6

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REPORT NUMBER: P981229
CATALOG NUMBER: FFX-CLB-70-722-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	813.9	813.3	811.5	*808.5*	803.6	800.0	797.6	797.6	798.2	797.6	796.4
115°	785.5	784.3	782.5	*777.1*	772.3	769.8	768.6	769.8	769.2	767.4	767.4
117.5°	754.8	753.6	750.5	*744.5*	740.3	738.5	739.1	738.5	737.3	735.5	736.1
120°	720.4	720.4	715.5	*710.7*	707.1	707.1	706.5	706.5	704.7	702.3	701.1
122.5°	684.8	684.8	680.6	*676.3*	672.1	672.1	672.7	672.1	670.9	668.5	667.3
125°	650.4	647.4	643.7	*638.9*	635.9	635.3	637.1	637.7	635.3	632.3	632.9
127.5°	612.4	610.6	606.9	*601.5*	599.1	598.5	600.3	601.5	598.5	596.7	596.1
130°	572.6	571.3	568.3	*564.1*	561.7	562.3	564.1	565.9	562.9	561.1	559.9
132.5°	533.3	533.3	531.5	*527.3*	524.3	526.7	527.9	529.1	526.1	525.5	524.9
135°	497.7	497.1	493.5	*491.1*	488.7	489.3	491.7	491.1	490.5	489.3	488.1
137.5°	460.9	460.9	459.1	*454.9*	454.9	455.5	456.7	456.7	457.3	454.9	455.5
140°	426.6	425.9	424.7	*421.7*	419.9	421.1	422.3	422.9	422.9	420.5	421.1
142.5°	394.0	393.4	389.7	*387.9*	387.9	388.5	389.1	389.7	389.7	388.5	389.1
145°	359.0	360.2	358.4	*356.6*	356.6	356.6	358.4	359.0	359.6	358.4	358.4
147.5°	330.0	331.2	329.4	*328.2*	328.2	328.2	329.4	330.0	328.8	329.4	329.4
150°	302.9	302.9	301.7	*301.1*	300.5	301.1	302.3	302.9	302.9	301.7	301.7
152.5°	276.9	276.3	275.7	*275.7*	275.7	275.7	276.9	276.9	277.5	277.5	276.3
155°	254.6	254.0	254.0	*253.4*	254.0	254.0	254.0	254.6	254.6	255.2	255.8
157.5°	234.1	233.5	234.1	*234.1*	234.1	234.7	234.7	235.3	234.1	234.7	235.3
160°	217.2	217.8	217.2	*216.6*	216.6	217.2	217.2	217.8	217.8	217.2	217.8
162.5°	202.7	202.7	202.1	*202.7*	203.3	202.7	202.7	203.3	203.3	203.3	203.3
165°	191.3	190.7	190.7	*190.7*	190.7	190.7	191.3	191.3	191.3	191.3	191.9
167.5°	181.0	180.4	180.4	*180.4*	181.0	181.0	181.0	181.6	181.6	181.6	181.0
170°	173.2	172.6	172.6	*172.6*	173.2	173.2	173.2	173.2	173.2	173.2	173.2
172.5°	166.5	166.5	166.5	*166.5*	166.5	166.5	166.5	166.5	166.5	167.1	166.5
175°	162.3	162.3	162.3	*162.3*	161.7	161.7	162.3	162.3	162.3	162.3	162.3
177.5°	158.7	158.7	159.3	*158.7*	158.7	158.7	159.3	159.3	159.3	158.7	158.7
180°	157.5	157.5	157.5	*157.5*	157.5	157.5	157.5	157.5	157.5	157.5	157.5

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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

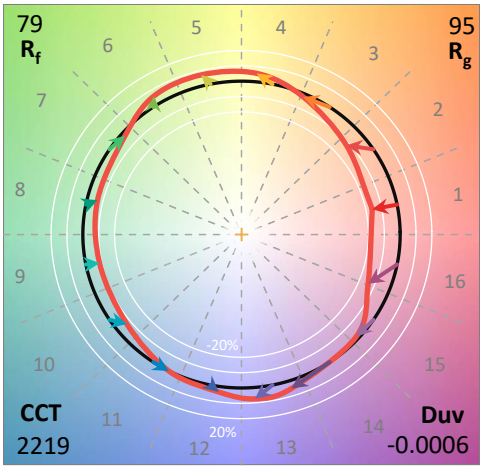
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Version: v7.04

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

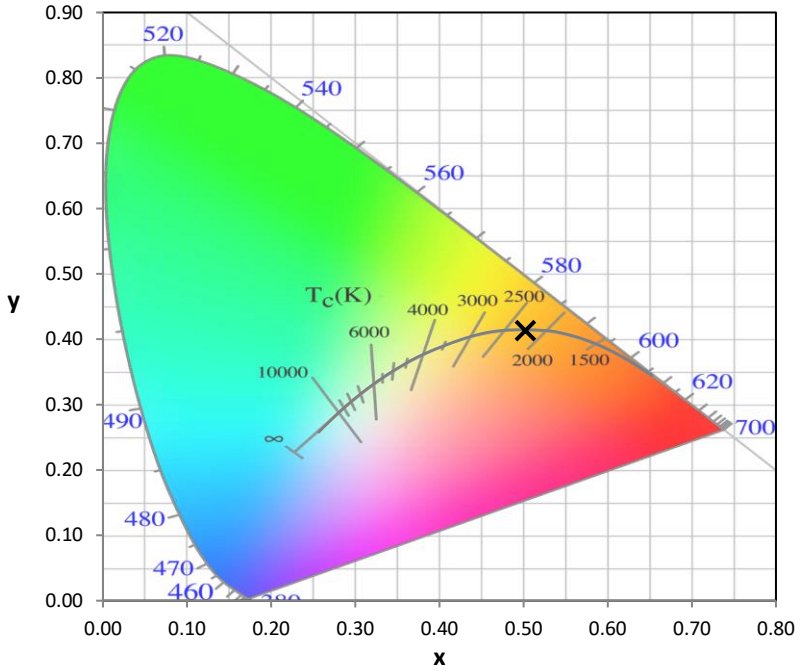
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

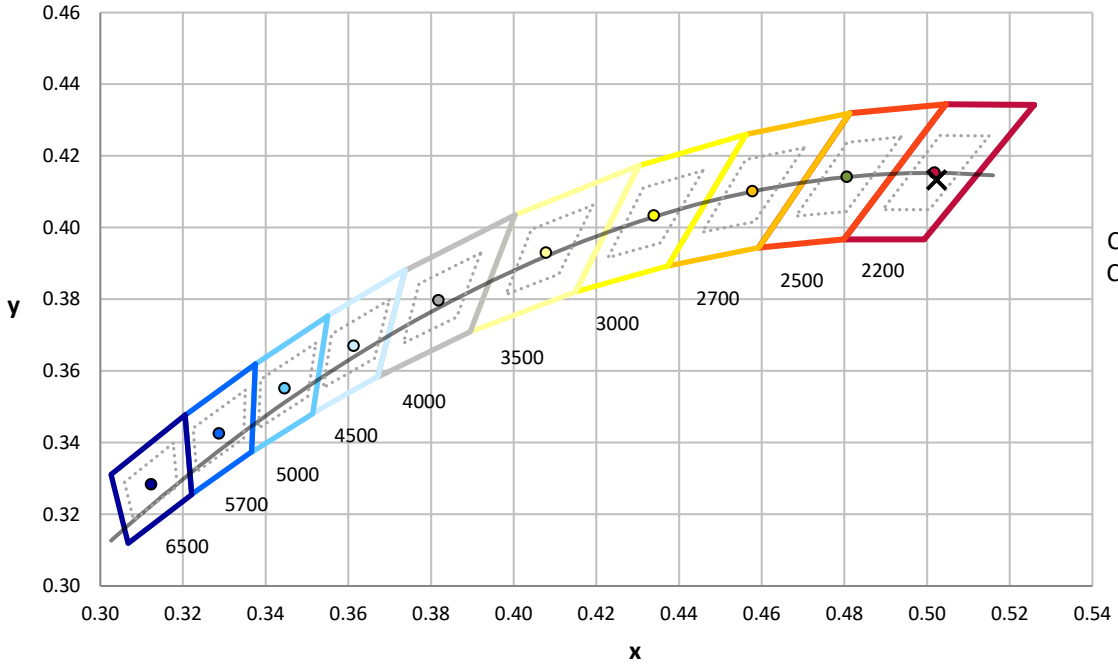
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

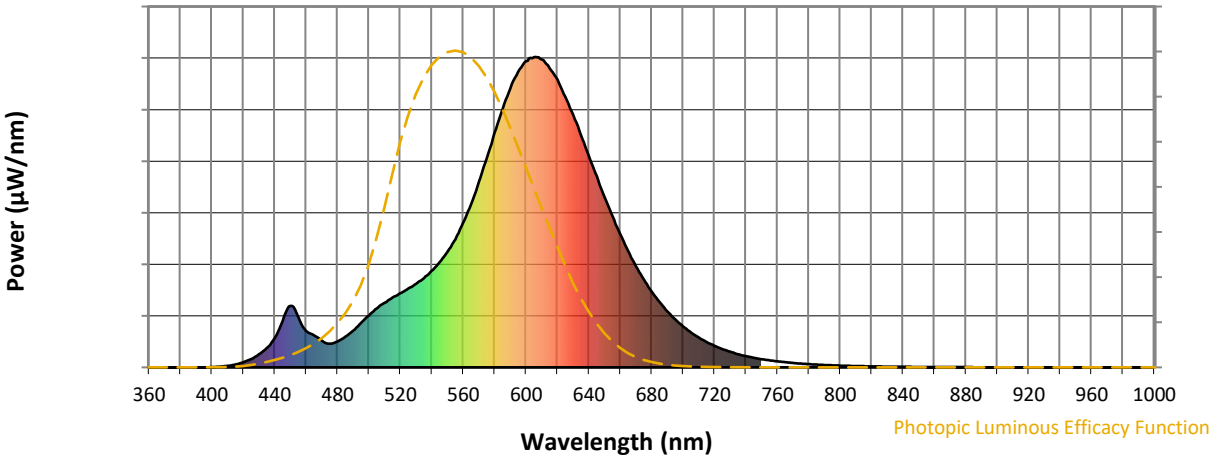


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

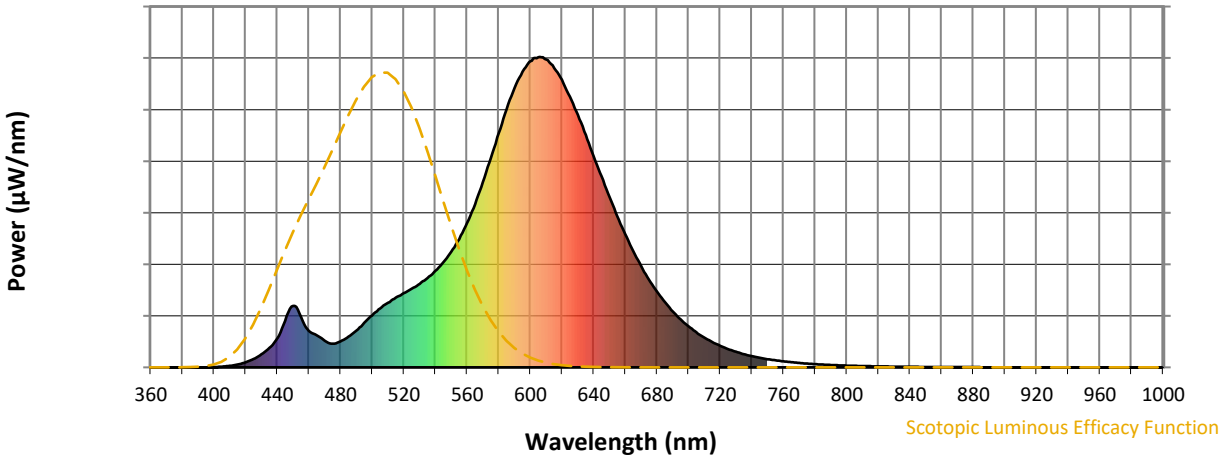


Photopic Lumens: NR

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

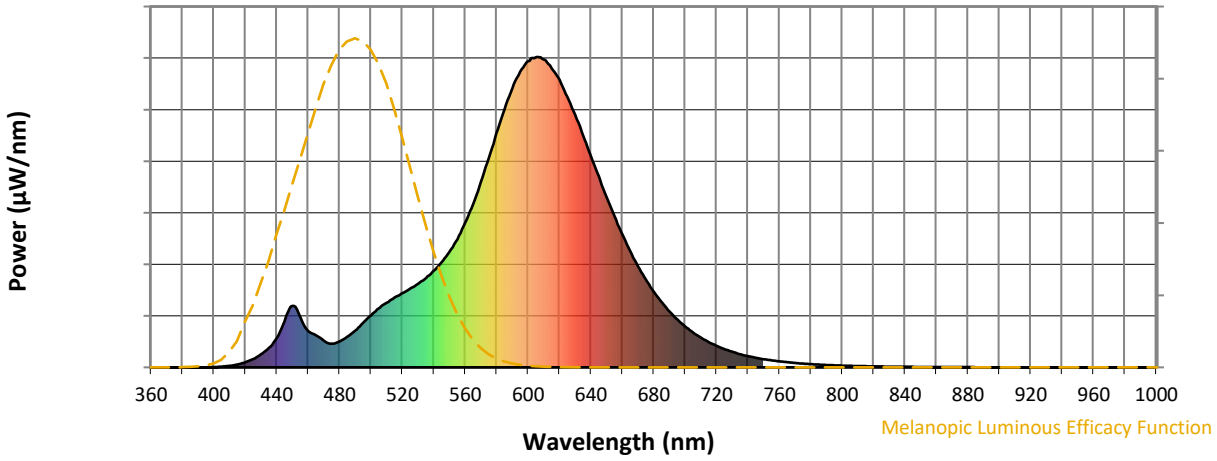


Scotopic Lumens: NR **S/P: 0.94**

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			

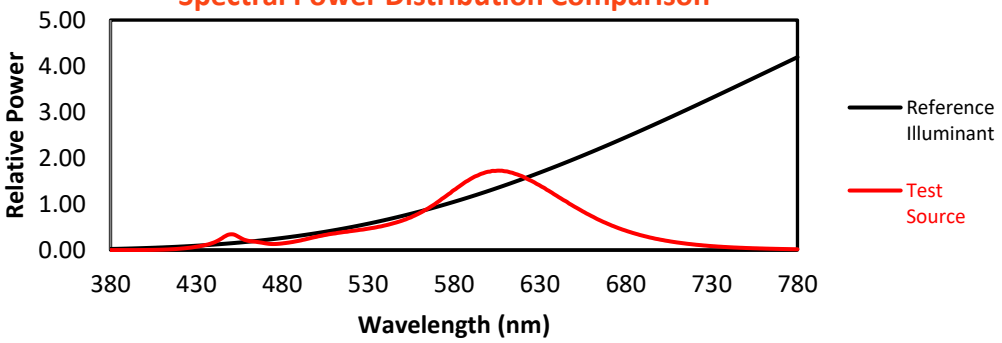
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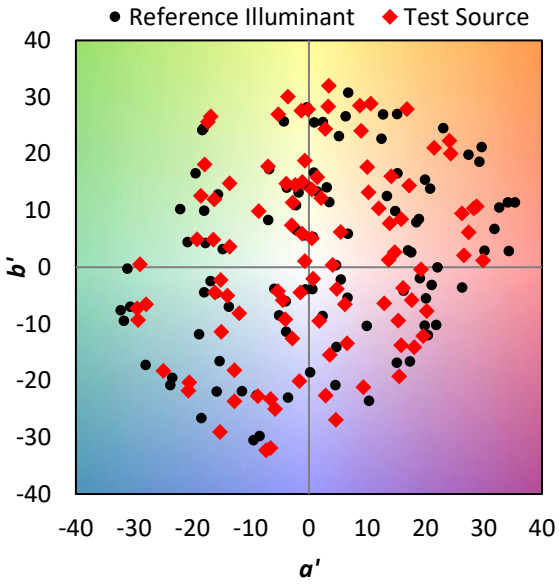
Summary

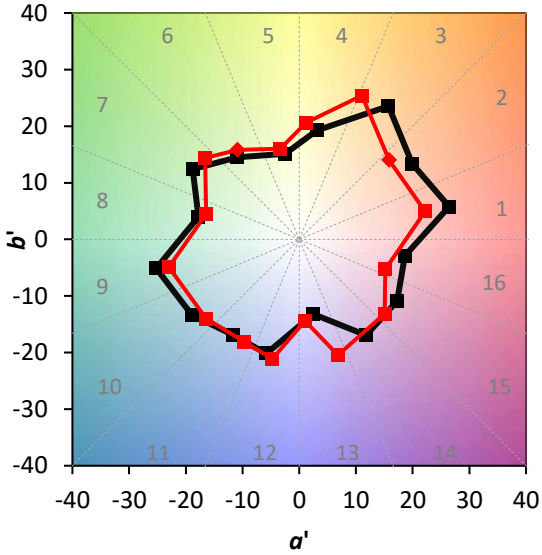
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

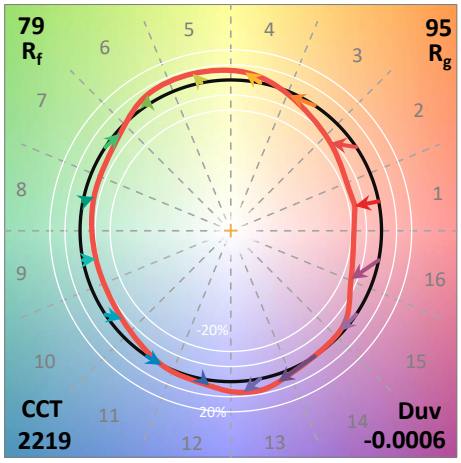
Spectral Power Distribution Comparison

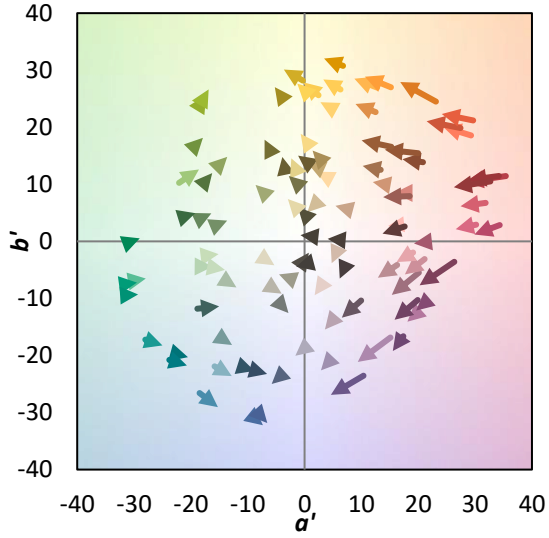


Color Vector Graphics







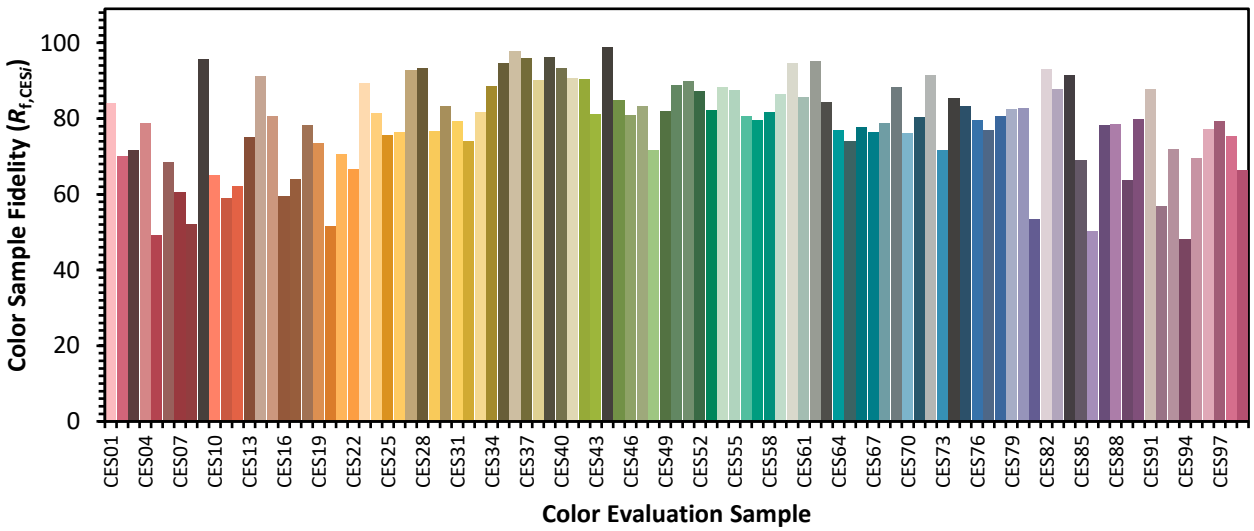


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Individual Sample Fidelity Index ($R_{f,i}$)

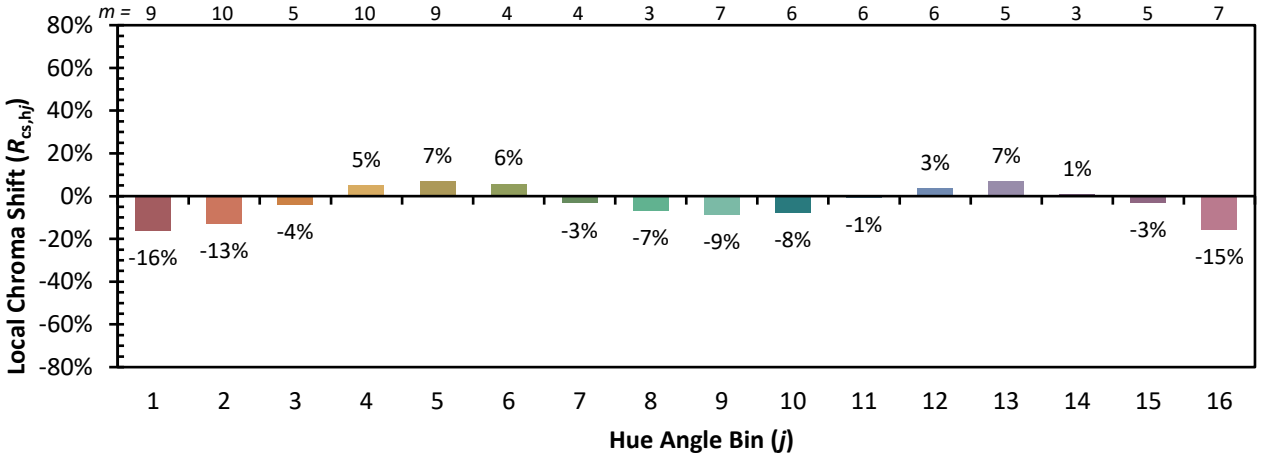
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

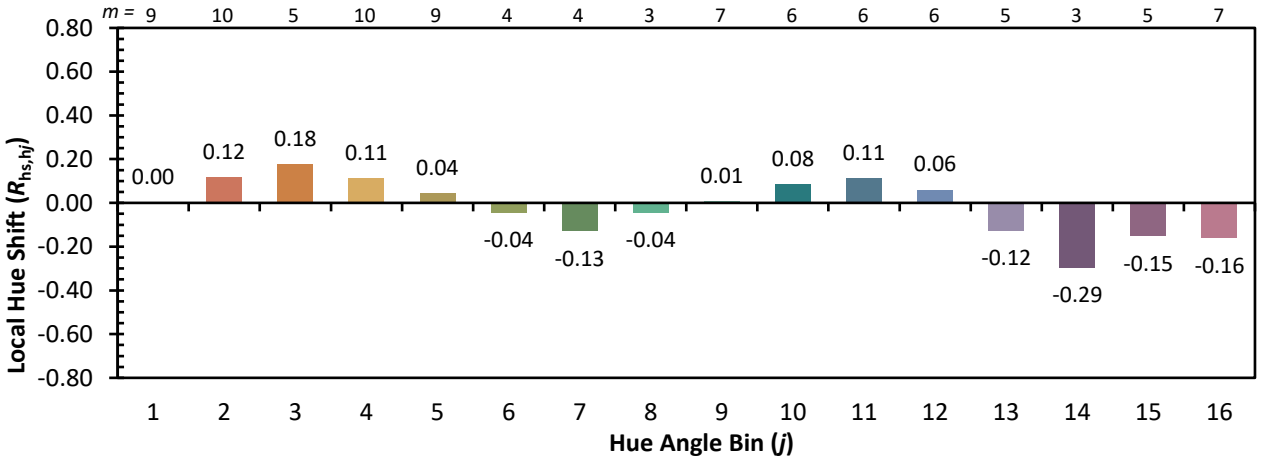


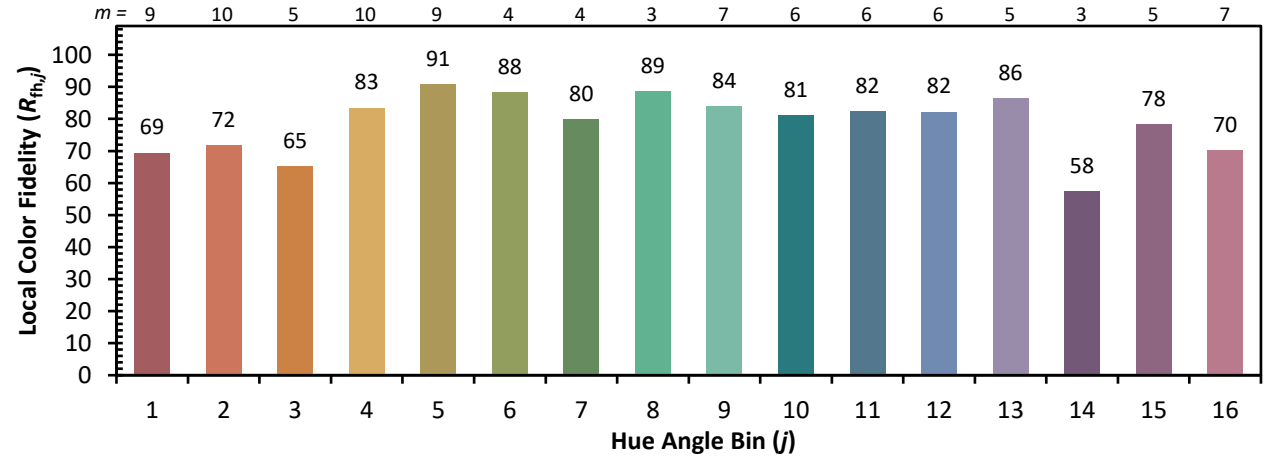
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Color Rendition by Hue-Angle Bin



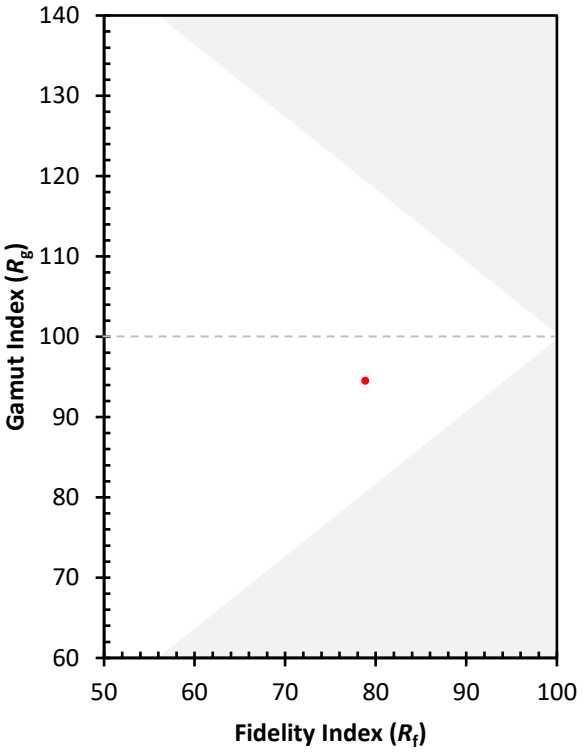


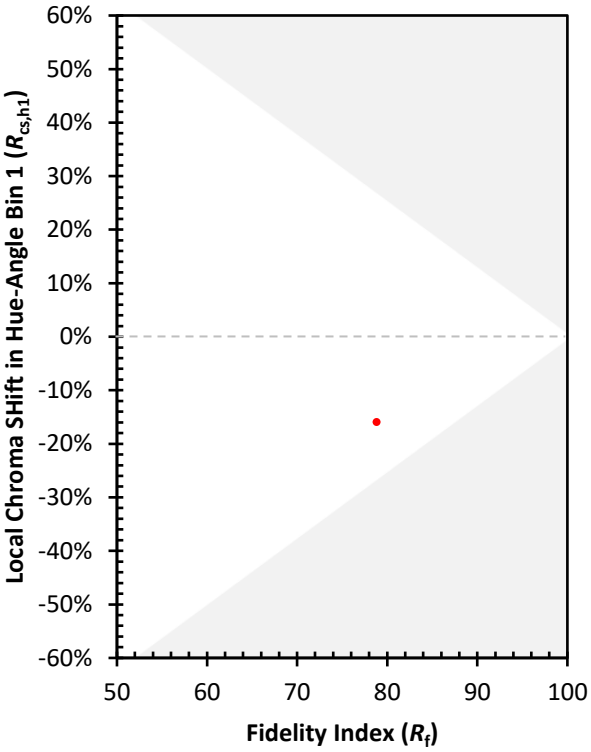


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Measure Comparisons





(END OF REPORT)