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: P856288

Luminaire Tested: **FFX-CLB-30-722-U-FG**

Issue Date: 07/16/2024

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:	P856288
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-722-U-FG
Description:	FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4406.4 lumens
Efficiency:	N/A
Efficacy:	144.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification:	Type V - Short
BUG Rating:	B1 - U5 - G3

Input Watts (W):	30.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	10.6%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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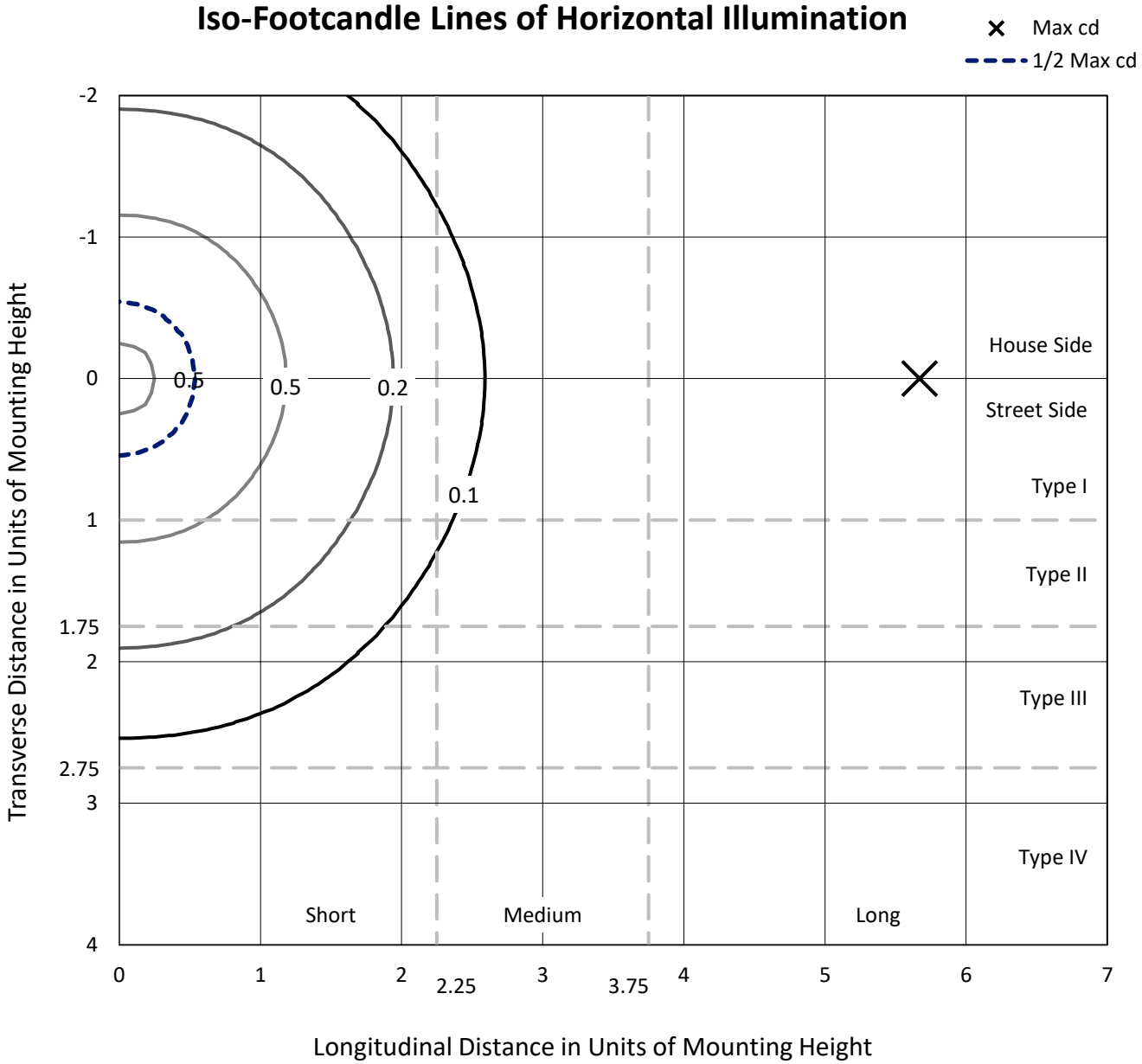
Iso-Footcandle Lines of Horizontal Illumination



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

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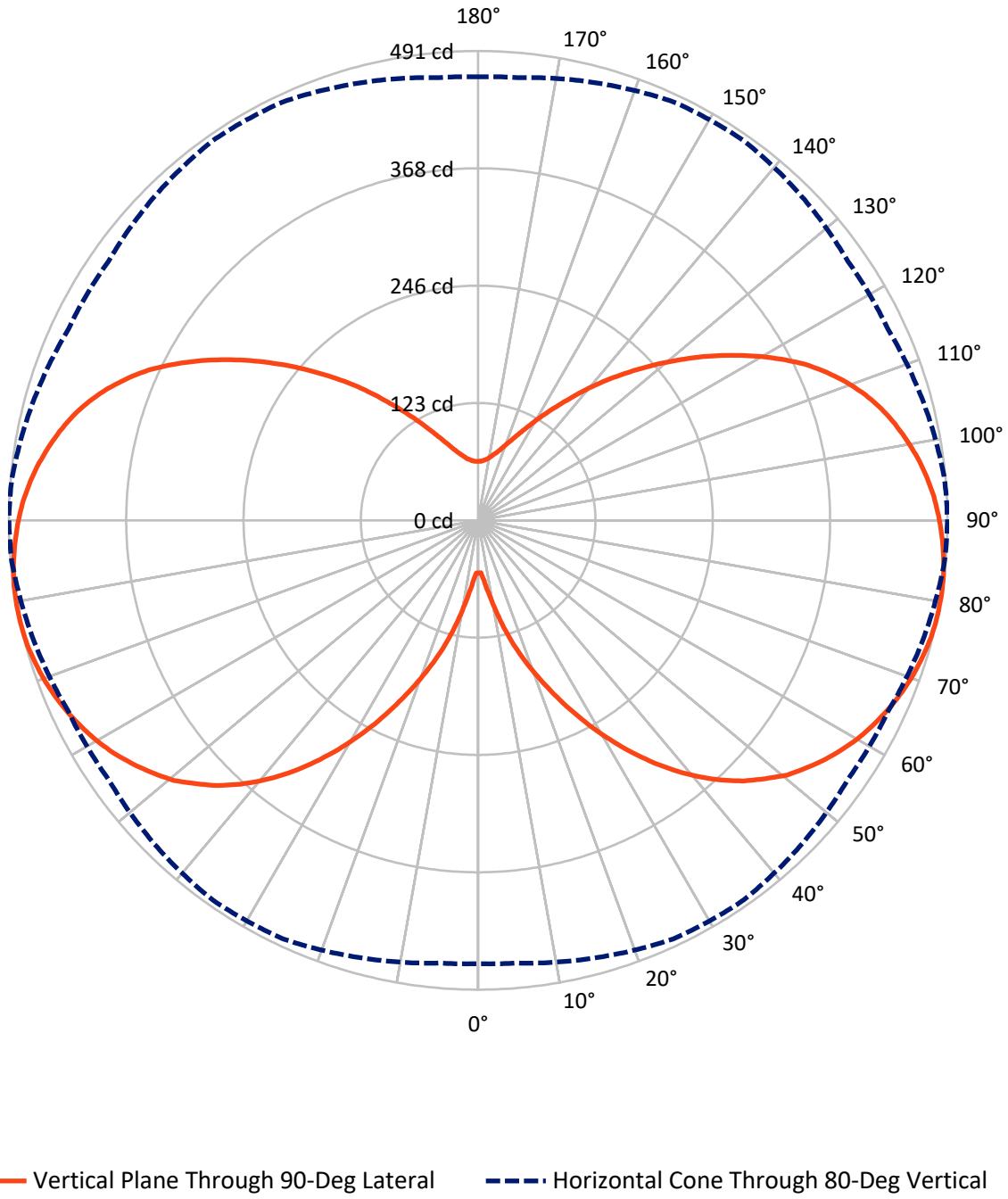
Luminous Intensity Polar Plot



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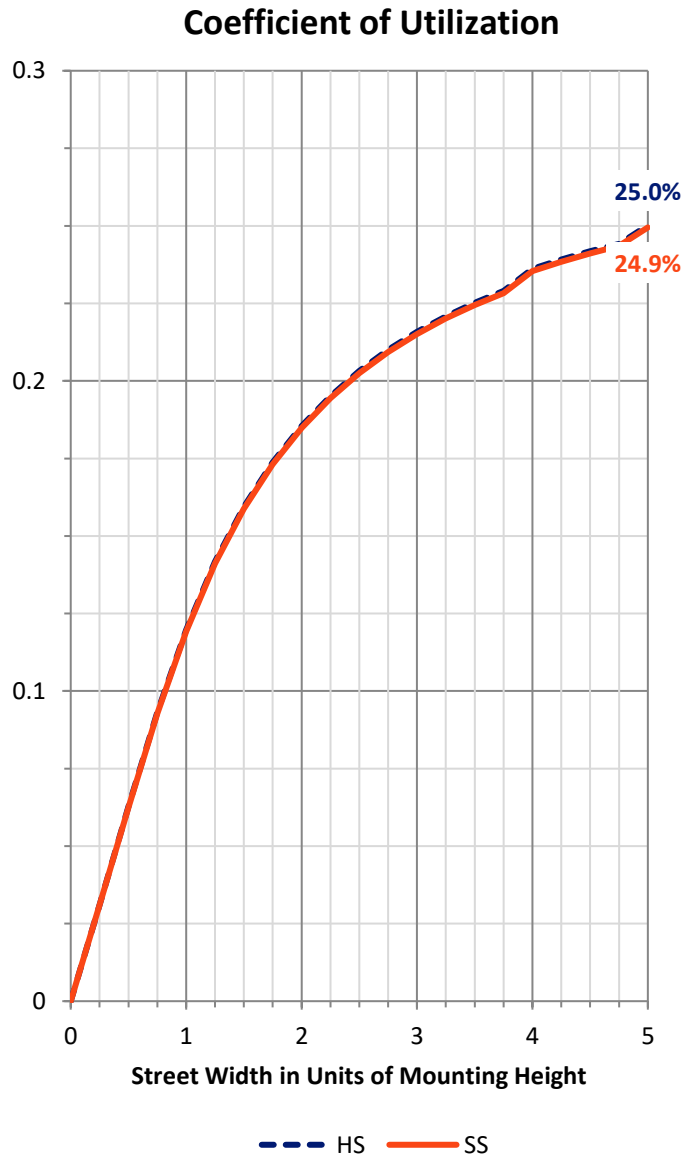
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1253.7	949.5	2203.2
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	1253.7	949.5	2203.2
	% Fixture	28.5	21.5	50.0
Total	Lumens	2507.3	1899.1	4406.4
	% Fixture	56.9	43.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.0	0.2
10°-20°	38.4	0.9
20°-30°	101.1	2.3
30°-40°	193.3	4.4
40°-50°	297.1	6.7
50°-60°	389.2	8.8
60°-70°	459.4	10.4
70°-80°	504.0	11.4
80°-90°	517.8	11.8
90°-100°	498.9	11.3
100°-110°	447.3	10.2
110°-120°	363.5	8.2
120°-130°	259.7	5.9
130°-140°	164.3	3.7
140°-150°	92.0	2.1
150°-160°	46.3	1.1
160°-170°	21.0	0.5
170°-180°	6.1	0.1
0°-90°	2507.3	56.9
0°-180°	4406.4	100.0



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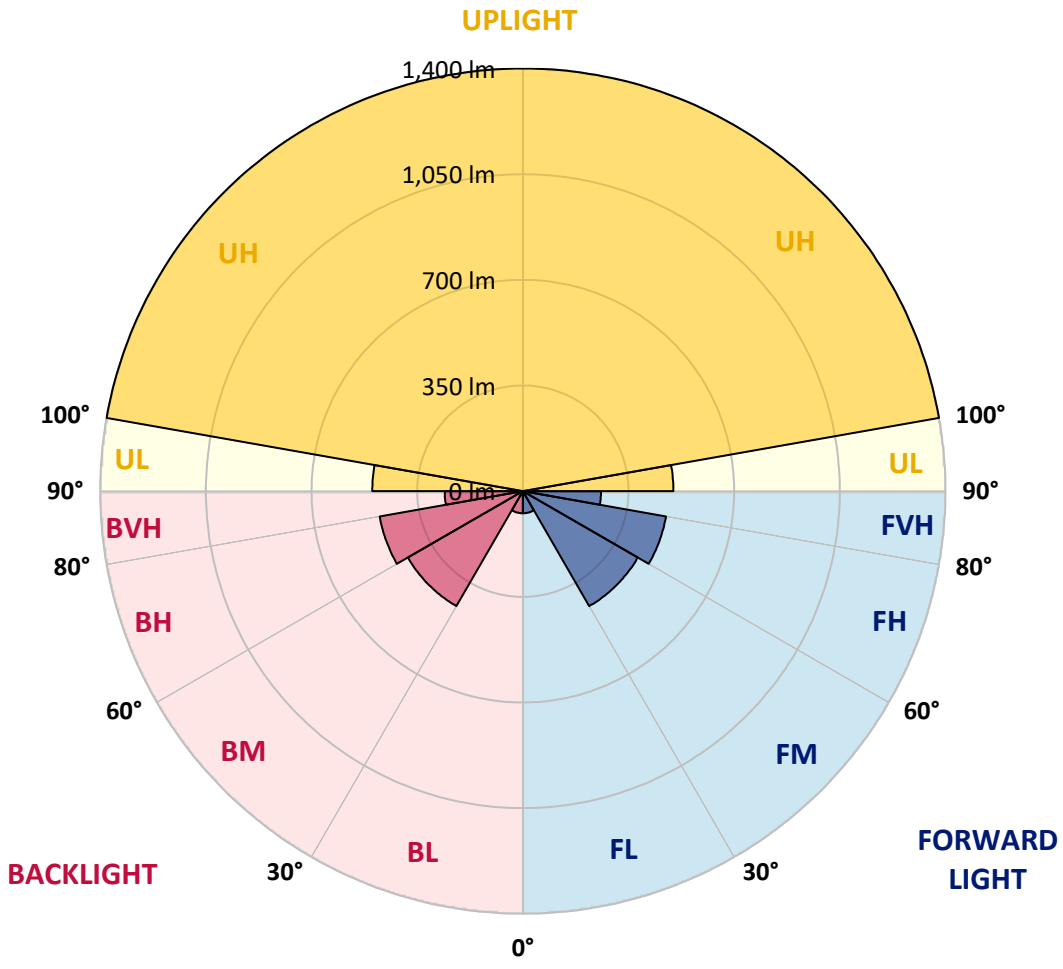
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	73.3	1.7			
FM	(30°-60°)	439.8	10.0			
FH	(60°-80°)	481.7	10.9			G0/660
FVH	(80°-90°)	258.9	5.9			G3/500
BL	(0°-30°)	73.3	1.7	B0/110		
BM	(30°-60°)	439.8	10.0	B1/1000		
BH	(60°-80°)	481.7	10.9	B1/500		G0/660
BVH	(80°-90°)	258.9	5.9			G3/500
UL	(90°-100°)	498.9	11.3		U3/500	
UH	(100°-180°)	1400.2	31.8		U5	

BUG Rating: B1-U5-G3
Type V Short



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REPORT NUMBER: P856288
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	*55.3*
2.5°	58.0	58.0	57.8	57.2	56.9	56.7	56.1	55.3	55.0	55.0	*55.0*
5°	63.2	63.5	63.5	63.2	63.5	62.9	62.9	62.4	62.6	62.6	*62.9*
7.5°	75.9	75.9	76.2	76.2	76.5	75.9	76.2	75.9	76.2	76.2	*75.9*
10°	92.5	92.5	93.0	92.5	92.7	92.2	91.9	91.9	92.7	92.5	*92.2*
12.5°	111.2	111.7	111.4	111.2	111.7	111.2	110.6	110.9	112.0	111.4	*111.2*
15°	131.0	131.5	132.1	131.2	131.5	131.2	131.0	131.2	132.3	131.8	*131.5*
17.5°	151.0	151.3	151.9	150.8	151.0	151.3	151.0	151.3	152.1	151.9	*151.6*
20°	171.1	171.6	172.2	171.1	171.4	171.6	171.4	171.6	172.7	172.2	*171.9*
22.5°	192.3	192.5	193.6	192.3	192.8	193.1	192.5	193.1	194.2	193.6	*193.3*
25°	214.2	213.9	215.6	214.5	214.8	215.3	214.8	215.3	216.7	216.7	*215.8*
27.5°	236.7	236.7	238.1	237.3	237.8	237.5	238.1	238.6	240.0	240.3	*239.4*
30°	259.2	259.2	261.4	260.0	260.9	261.1	261.1	261.7	263.3	263.8	*262.8*
32.5°	281.7	281.7	282.8	283.1	283.6	283.9	284.5	284.5	286.6	286.9	*286.4*
35°	303.7	303.7	304.8	305.3	306.7	306.1	307.0	307.0	309.4	309.7	*309.4*
37.5°	324.6	324.9	326.2	326.8	327.8	327.8	328.4	328.9	331.1	331.9	*331.6*
40°	344.4	344.9	346.0	347.1	348.2	348.2	348.4	349.3	351.7	352.5	*352.2*
42.5°	362.3	362.5	364.2	365.8	366.9	366.9	367.2	367.7	370.4	371.5	*371.5*
45°	378.0	378.8	381.0	383.2	384.2	384.0	384.0	384.8	387.8	389.1	*389.1*
47.5°	392.6	393.7	396.2	398.3	399.4	399.4	399.2	400.0	403.2	404.9	*404.0*
50°	405.7	406.5	409.2	412.4	413.3	413.3	412.4	413.3	416.8	419.0	*419.0*
52.5°	416.5	417.3	420.6	424.1	425.2	424.9	423.8	424.6	428.2	430.6	*430.3*
55°	425.7	426.8	430.3	434.7	435.8	434.9	433.6	434.4	438.2	441.5	*441.2*
57.5°	434.1	434.9	439.0	443.6	445.3	443.9	442.0	442.8	447.2	450.7	*450.9*
60°	441.2	442.0	446.6	452.0	453.4	451.8	449.3	450.1	455.0	459.1	*459.6*
62.5°	447.2	448.0	453.1	459.1	461.0	458.5	455.6	456.4	461.8	466.4	*466.7*
65°	452.0	452.8	458.8	465.0	466.9	464.2	460.7	461.5	467.5	472.6	*473.2*
67.5°	455.8	456.9	463.7	470.5	472.1	468.8	464.8	465.6	472.1	478.1	*478.6*
70°	459.1	460.4	467.5	474.8	476.7	472.9	468.0	469.1	476.4	482.4	*483.2*
72.5°	461.5	462.9	470.5	478.3	480.5	475.9	470.5	471.6	479.4	485.9	*486.7*
75°	463.2	464.5	472.6	481.0	482.9	478.1	472.1	473.2	481.3	488.4	*489.5*
77.5°	464.0	465.3	474.0	482.7	484.6	478.9	472.6	473.7	482.1	489.7	*490.8*
80°	*464.0*	*465.0*	*474.0*	*483.2*	*484.8*	*479.1*	*472.4*	*473.2*	*481.9*	*490.0*	*491.1*
82.5°	463.2	464.2	473.5	482.7	484.3	478.1	471.0	472.1	481.0	489.2	*490.5*
85°	461.3	462.3	471.6	481.0	482.7	475.9	468.6	469.7	478.6	487.3	*488.6*
87.5°	458.5	459.9	468.8	478.3	479.7	472.6	465.6	466.1	475.6	484.6	*485.7*
90°	455.3	456.6	465.0	474.5	475.9	468.8	461.5	462.3	471.6	480.8	*481.9*
92.5°	451.5	452.6	460.7	469.4	471.0	463.7	456.6	457.7	466.9	476.2	*477.5*
95°	446.6	447.4	455.0	463.2	464.5	458.0	450.9	452.0	461.3	470.2	*471.6*
97.5°	440.6	441.2	448.0	455.3	456.9	450.7	444.2	445.3	454.2	463.2	*464.8*
100°	433.9	434.1	440.1	446.3	447.7	442.5	436.6	437.9	446.3	455.6	*456.6*
102.5°	426.0	426.0	430.9	436.0	437.7	433.3	428.2	429.5	437.7	446.3	*447.7*
105°	417.3	416.5	420.0	424.1	426.0	422.7	419.0	420.0	427.6	436.0	*437.7*
107.5°	406.5	405.7	408.1	411.6	413.5	411.1	408.1	409.7	416.2	424.1	*425.7*
110°	394.3	393.2	394.3	397.0	399.2	397.5	395.9	397.3	403.5	410.8	*411.9*

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Scaled Data Report

REPORT NUMBER: P856288
CATALOG NUMBER: FFX-CLB-30-722-U-FG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	380.2	378.8	379.1	381.0	382.9	382.6	381.5	383.7	388.9	394.8	*396.2*
115°	363.9	362.5	361.7	362.8	364.4	365.5	366.6	368.0	372.0	376.9	*379.1*
117.5°	346.8	344.7	343.3	343.3	345.2	347.1	349.0	350.9	353.6	358.2	*359.0*
120°	327.0	325.7	323.8	323.8	325.4	327.3	330.3	332.4	334.1	337.3	*338.4*
122.5°	307.5	305.6	303.7	303.7	304.8	307.5	311.6	313.5	314.3	316.2	*317.0*
125°	287.7	285.5	283.4	283.4	284.5	287.2	291.8	293.4	293.9	294.8	*295.6*
127.5°	267.6	265.5	263.6	262.8	264.4	266.6	271.2	273.3	273.6	273.6	*274.1*
130°	247.6	245.9	244.0	243.2	244.9	246.8	251.9	254.1	253.0	253.0	*253.3*
132.5°	228.6	227.0	225.1	224.5	225.6	228.1	232.7	234.6	233.7	232.7	*232.9*
135°	210.2	208.8	206.4	206.1	207.7	208.8	213.1	215.0	214.2	213.1	*213.4*
137.5°	192.5	191.2	189.0	188.7	190.4	191.7	195.0	196.9	195.8	194.7	*195.0*
140°	175.7	174.1	172.5	172.2	173.3	174.6	177.6	178.7	177.6	176.8	*177.1*
142.5°	160.0	158.9	157.0	157.0	157.5	158.6	161.1	162.2	161.1	160.0	*159.4*
145°	145.1	143.7	142.6	142.4	142.9	144.0	145.6	146.7	145.6	144.8	*144.3*
147.5°	131.8	130.7	129.6	129.6	129.9	130.7	132.1	132.3	131.5	131.0	*130.4*
150°	119.6	118.5	118.0	117.7	118.0	118.2	119.3	119.9	119.0	118.5	*118.0*
152.5°	108.5	107.7	107.1	107.4	107.4	107.7	107.9	108.2	107.4	107.4	*106.8*
155°	98.7	98.2	97.6	97.9	97.9	97.9	98.2	98.2	97.6	97.6	*97.3*
157.5°	90.6	90.0	89.8	90.0	90.0	89.8	90.0	90.0	89.5	89.5	*89.2*
160°	83.5	83.0	83.0	83.0	83.0	82.7	83.2	83.0	82.7	82.4	*82.4*
162.5°	77.8	77.3	77.3	77.6	77.3	77.3	77.3	77.3	77.0	77.0	*76.7*
165°	73.2	72.7	72.7	72.9	72.7	72.7	72.7	72.7	72.4	72.4	*72.4*
167.5°	69.4	69.1	69.1	69.1	69.1	68.9	69.1	69.1	68.9	68.9	*68.9*
170°	66.4	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	65.9	*65.9*
172.5°	64.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.0	64.0	*64.0*
175°	63.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.6	*62.6*
177.5°	62.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	61.8	*61.8*
180°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	*61.8*

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1121 Highway 74 South
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: SP1-2406-133-2

Test Date: 07/11/2024

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: v7.03

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

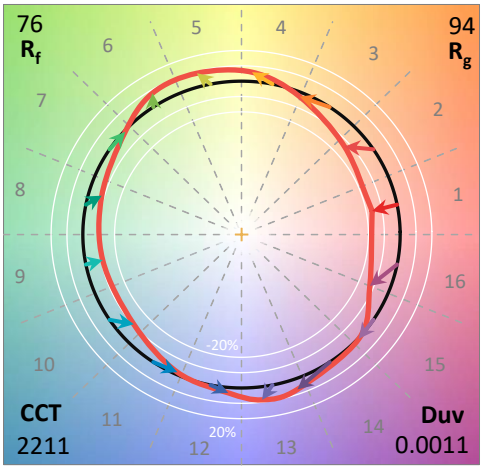
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	07/12/2024
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):	2211
CIE u':	0.2892
CIE v':	0.5376
Duv:	0.0011
CIE x:	0.5069
CIE y:	0.4188
CIE z:	0.0743
Peak Wavelength (nm):	606
Dominant Wavelength (nm):	586
Purity:	77.8805
Rf:	76.1
Rg:	94.3

CRI (Ra):	71.4				
R1:	68.2	R9:	-29.2		
R2:	85.0	R10:	67.8		
R3:	94.0	R11:	60.7		
R4:	65.1	R12:	59.0		
R5:	66.6	R13:	71.3		
R6:	81.8	R14:	97.6		
R7:	73.4	R15:	58.9		
R8:	37.3				



Test Conditions

Stabilization Time:	0.813563M
Operation Time:	1H
Sphere Temperature (°C):	24.7

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: SP1-2406-133-2

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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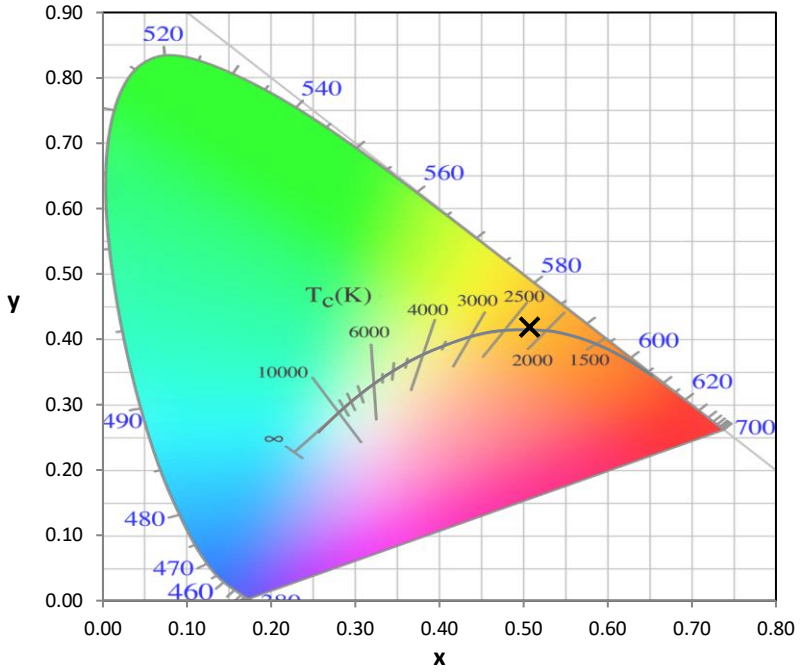
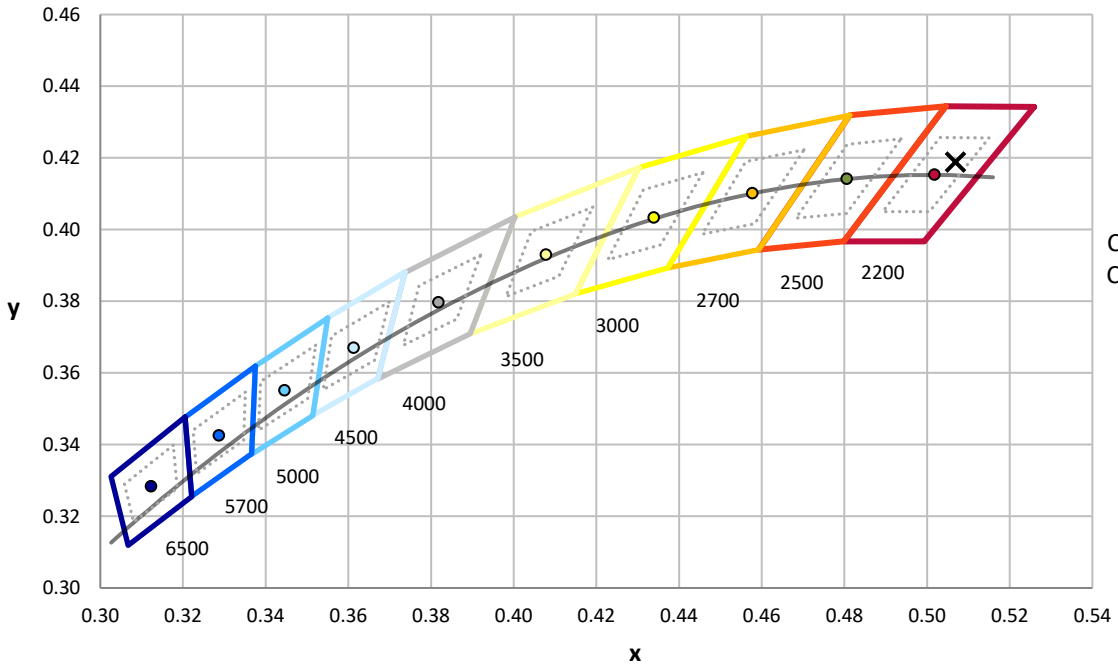
CIE 1931 Chromaticity Diagram



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



CCT = 2211K
CIE x = 0.5069
CIE y = 0.4188
Duv = 0.0011

Point lies inside the ANSI 2200K 4-step quadrangle

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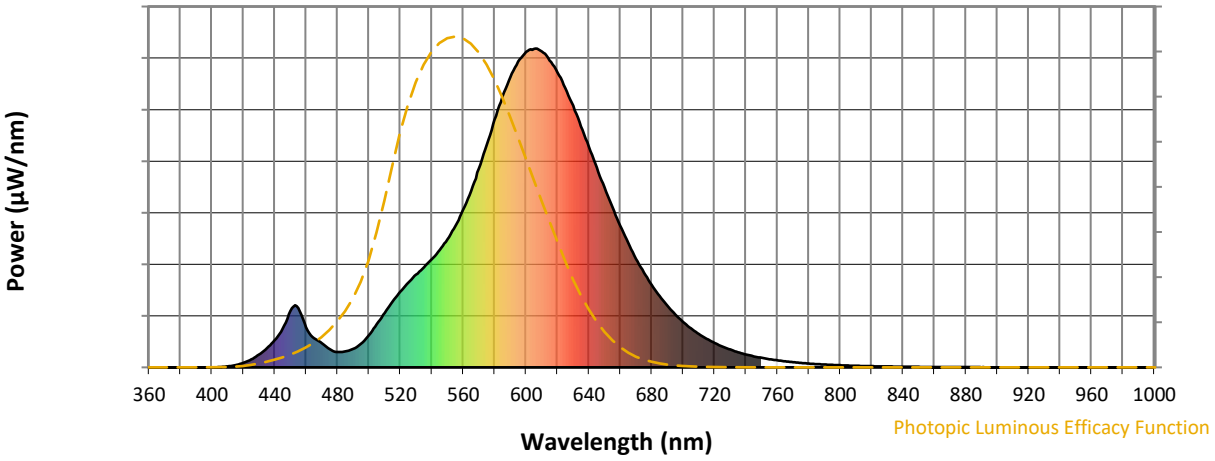
Photopic Flux vs. Wavelength



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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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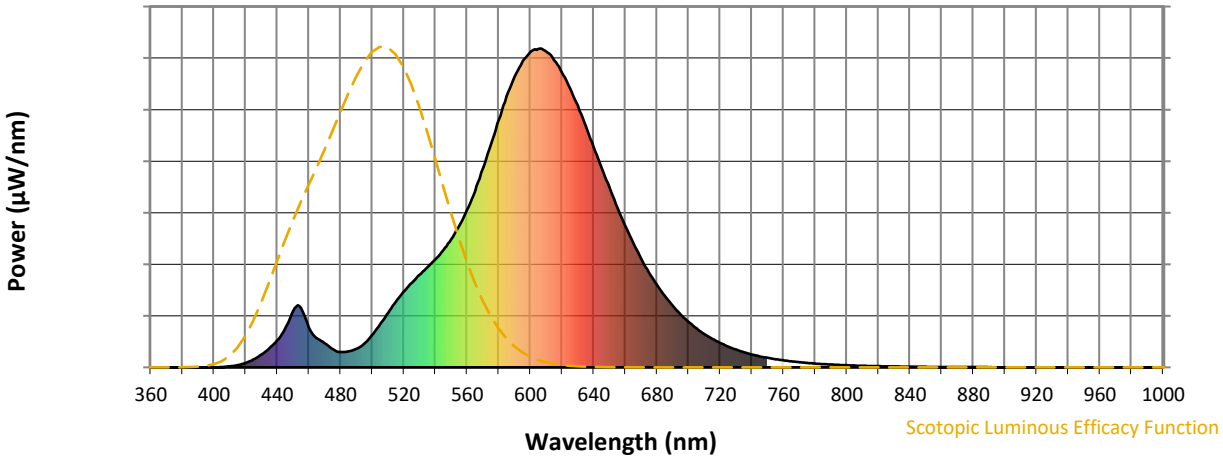
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 0.87**

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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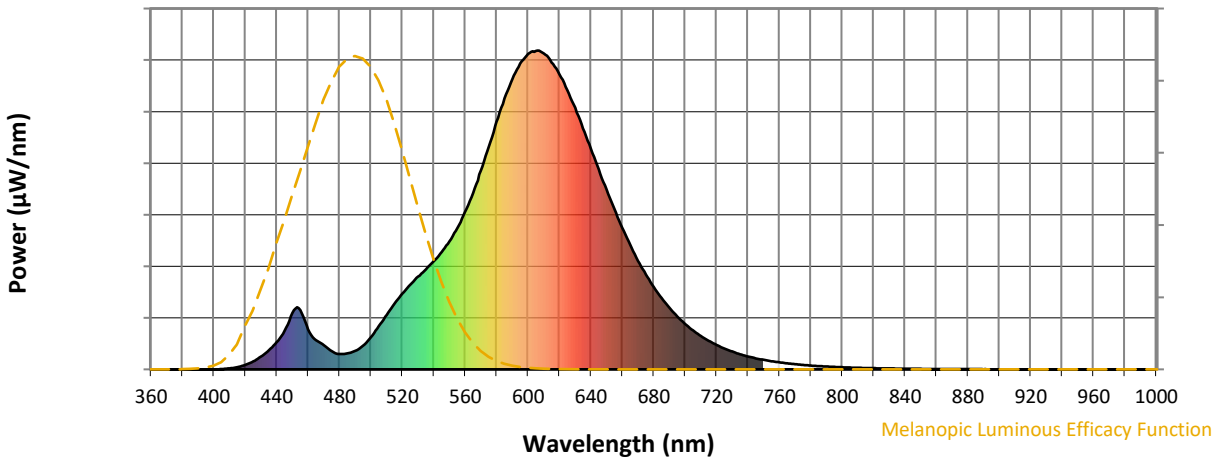
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.42**

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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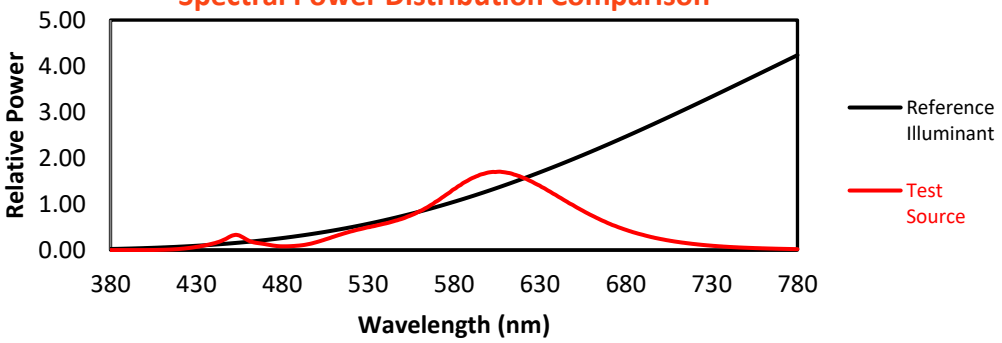
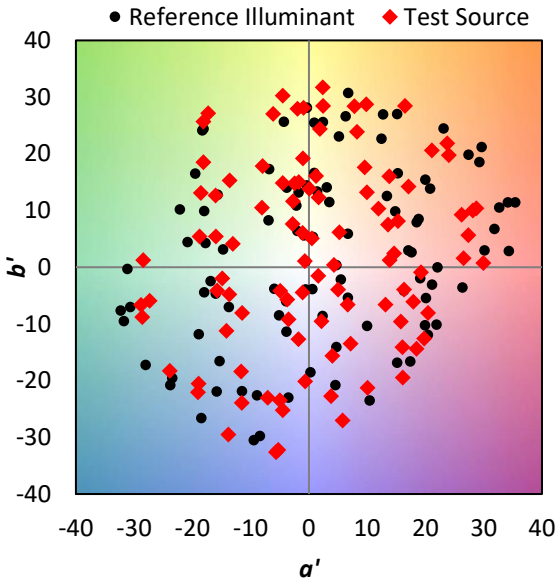
Summary

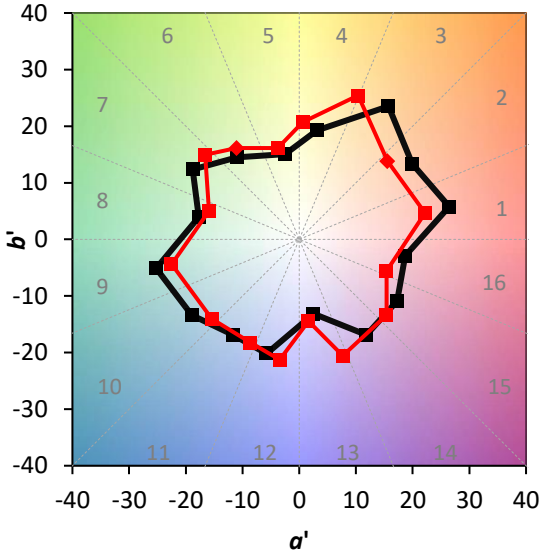
R_f = 76.1
R_g = 94.3
CIE R_a = 71.4
R_9 = -29.2

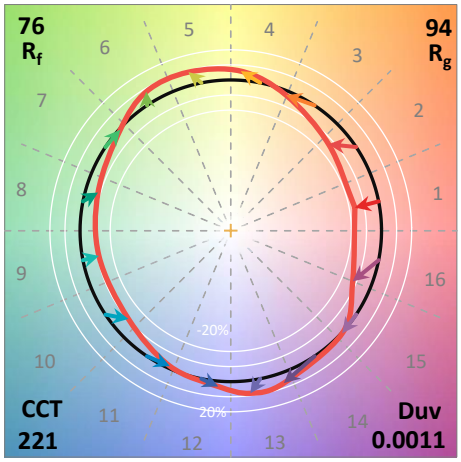
Spectral Power Distribution Comparison

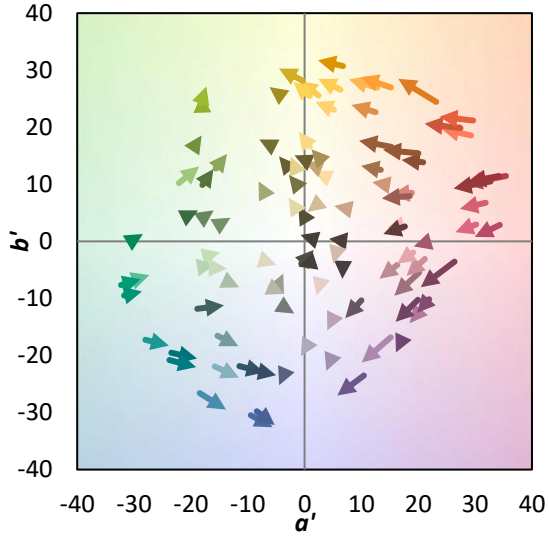


Color Vector Graphics









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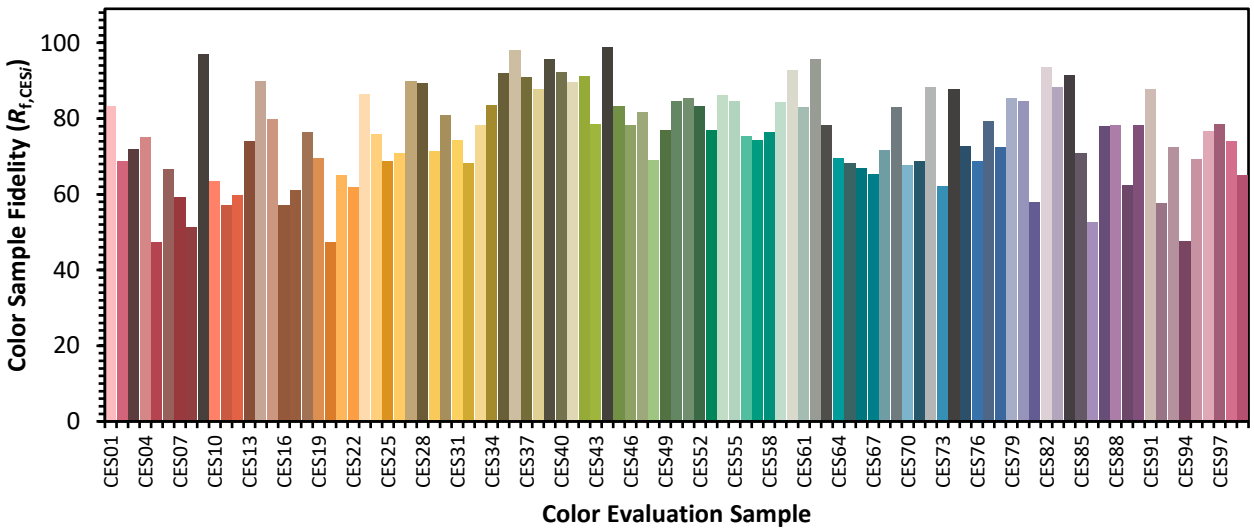
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 87	CES26 = 71	CES51 = 85	CES76 = 69
CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82 = 93
CES08 = 42	CES33 = 78	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 84	CES59 = 84	CES84 = 92
CES10 = 79	CES35 = 92	CES60 = 93	CES85 = 71
CES11 = 62	CES36 = 98	CES61 = 83	CES86 = 53
CES12 = 68	CES37 = 91	CES62 = 96	CES87 = 78
CES13 = 45	CES38 = 88	CES63 = 78	CES88 = 78
CES14 = 75	CES39 = 96	CES64 = 69	CES89 = 63
CES15 = 72	CES40 = 92	CES65 = 68	CES90 = 78
CES16 = 49	CES41 = 90	CES66 = 67	CES91 = 88
CES17 = 51	CES42 = 91	CES67 = 65	CES92 = 58
CES18 = 57	CES43 = 79	CES68 = 72	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 68	CES45 = 83	CES70 = 68	CES95 = 69
CES21 = 88	CES46 = 78	CES71 = 69	CES96 = 77
CES22 = 81	CES47 = 82	CES72 = 88	CES97 = 79
CES23 = 92	CES48 = 69	CES73 = 62	CES98 = 74
CES24 = 92	CES49 = 77	CES74 = 88	CES99 = 65
CES25 = 74	CES50 = 85	CES75 = 73	



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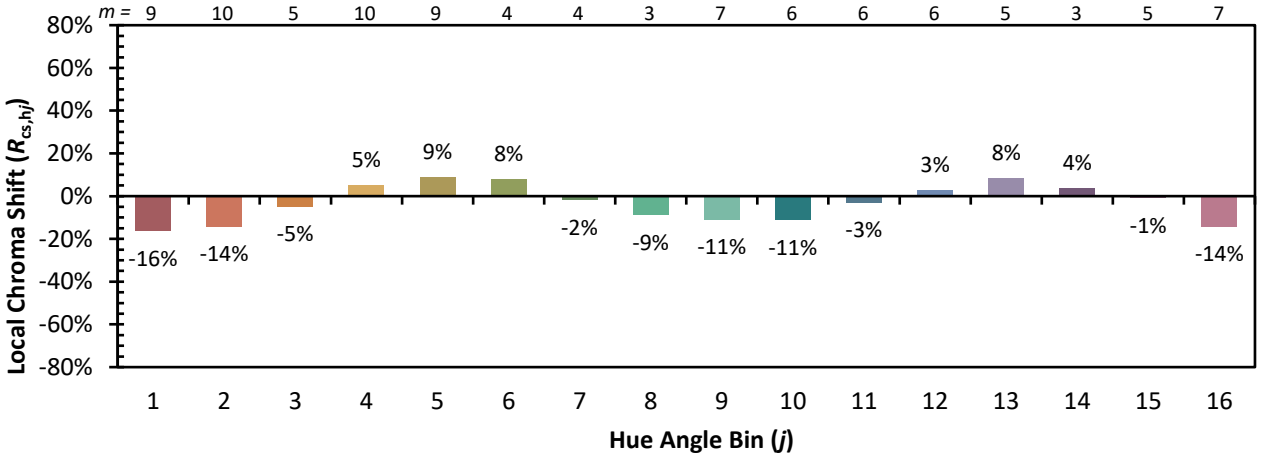
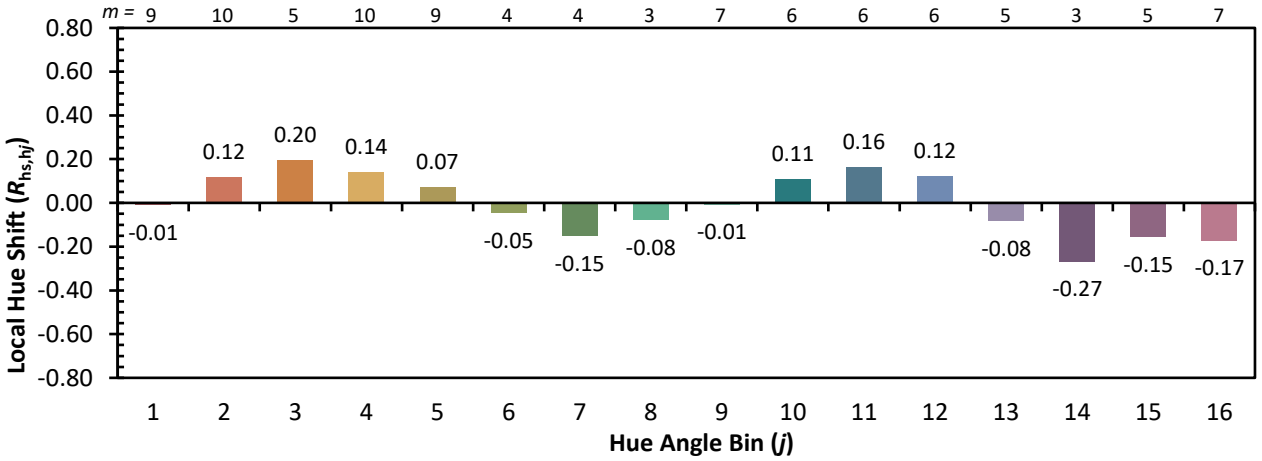
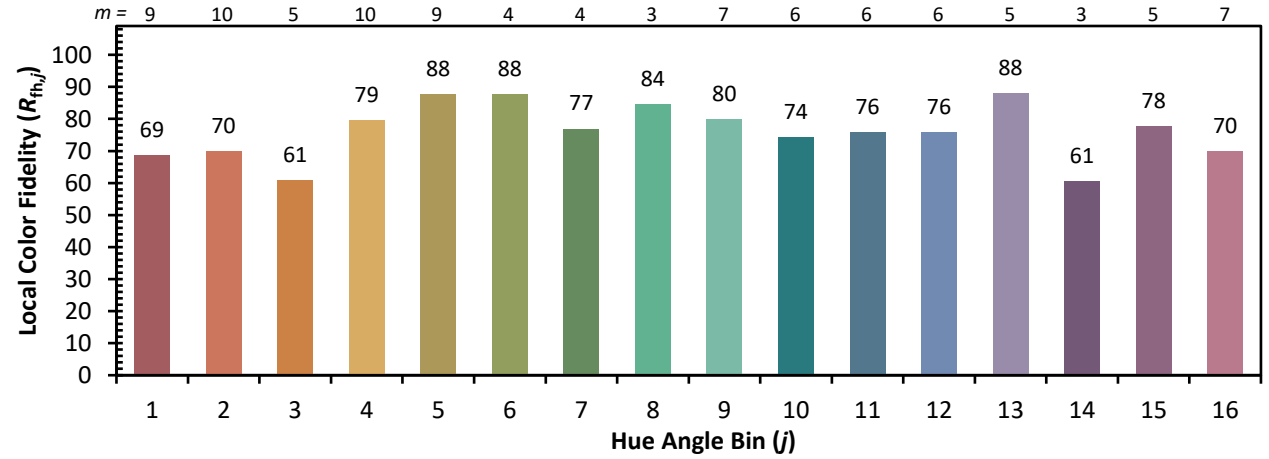
Color Rendition by Hue-Angle Bin







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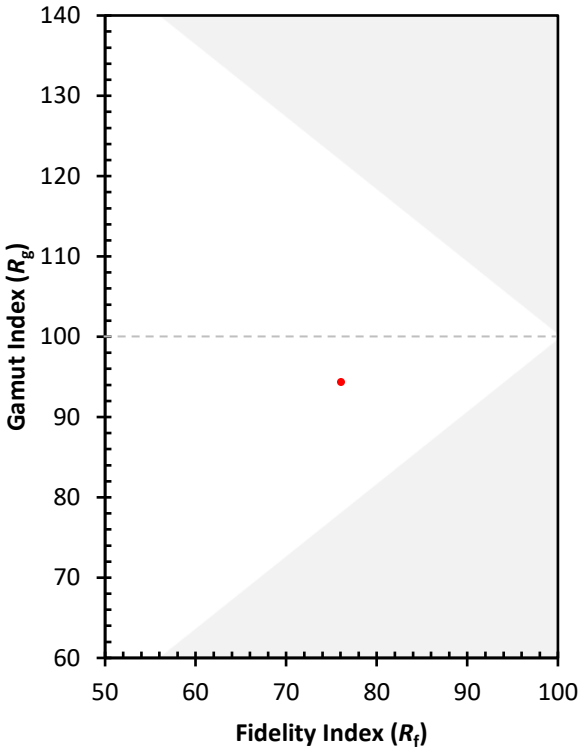
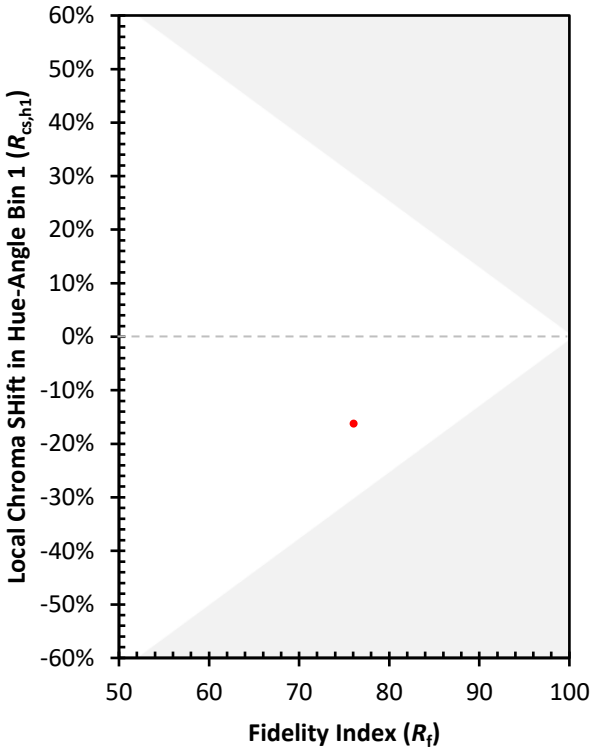
Measure Comparisons





(END OF REPORT)