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: P856314

Luminaire Tested: **FFX-CLB-40-740-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:	P856314
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-40-740-U-FG
Description:	FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6797 lumens
Efficiency:	N/A
Efficacy:	173.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification:	Type V - Short
BUG Rating:	B2 - U5 - G3

Input Watts (W):	39.3
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:	24 FT

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REPORT NUMBER: P856314
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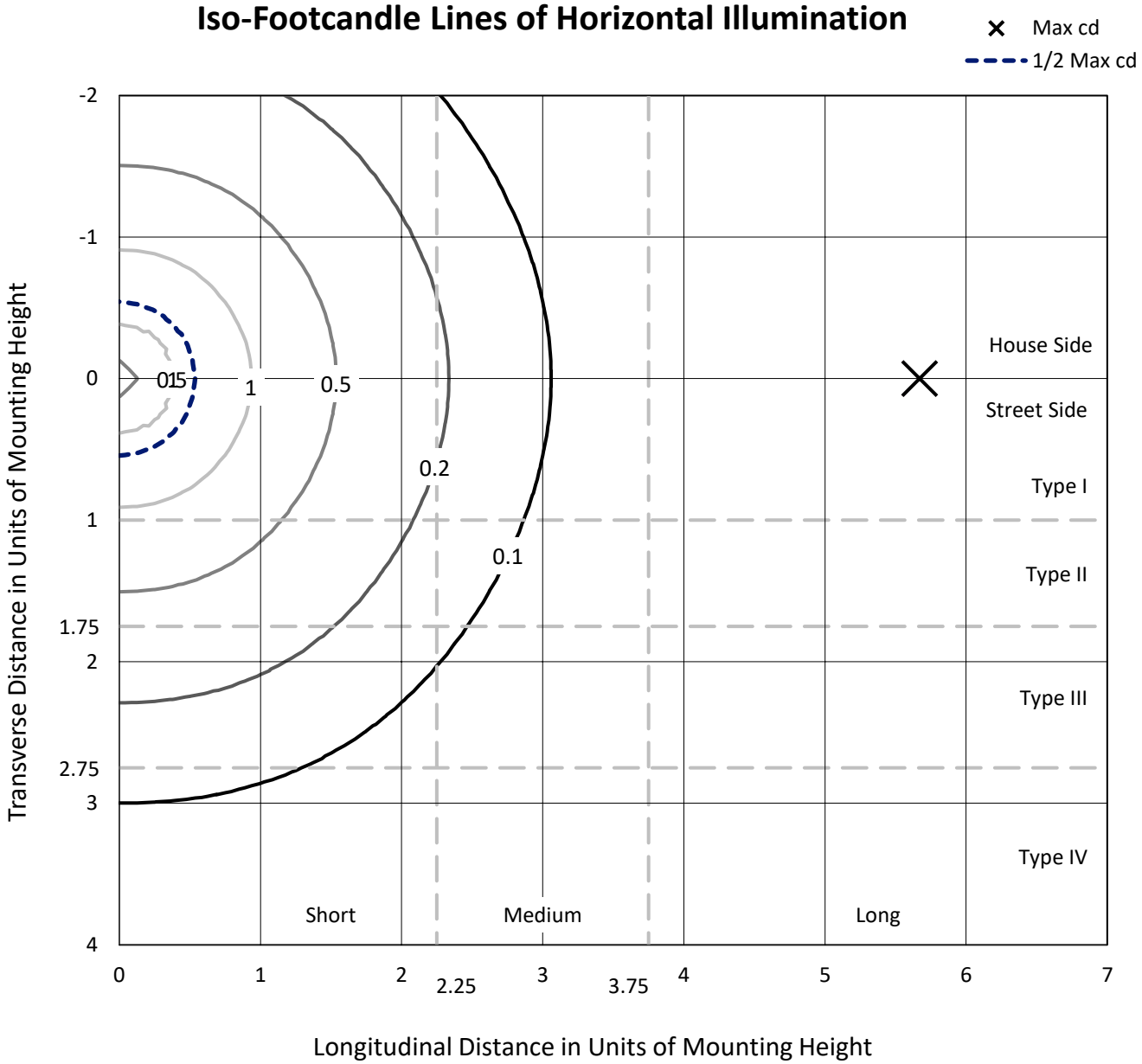
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
Type V - Short - N/A

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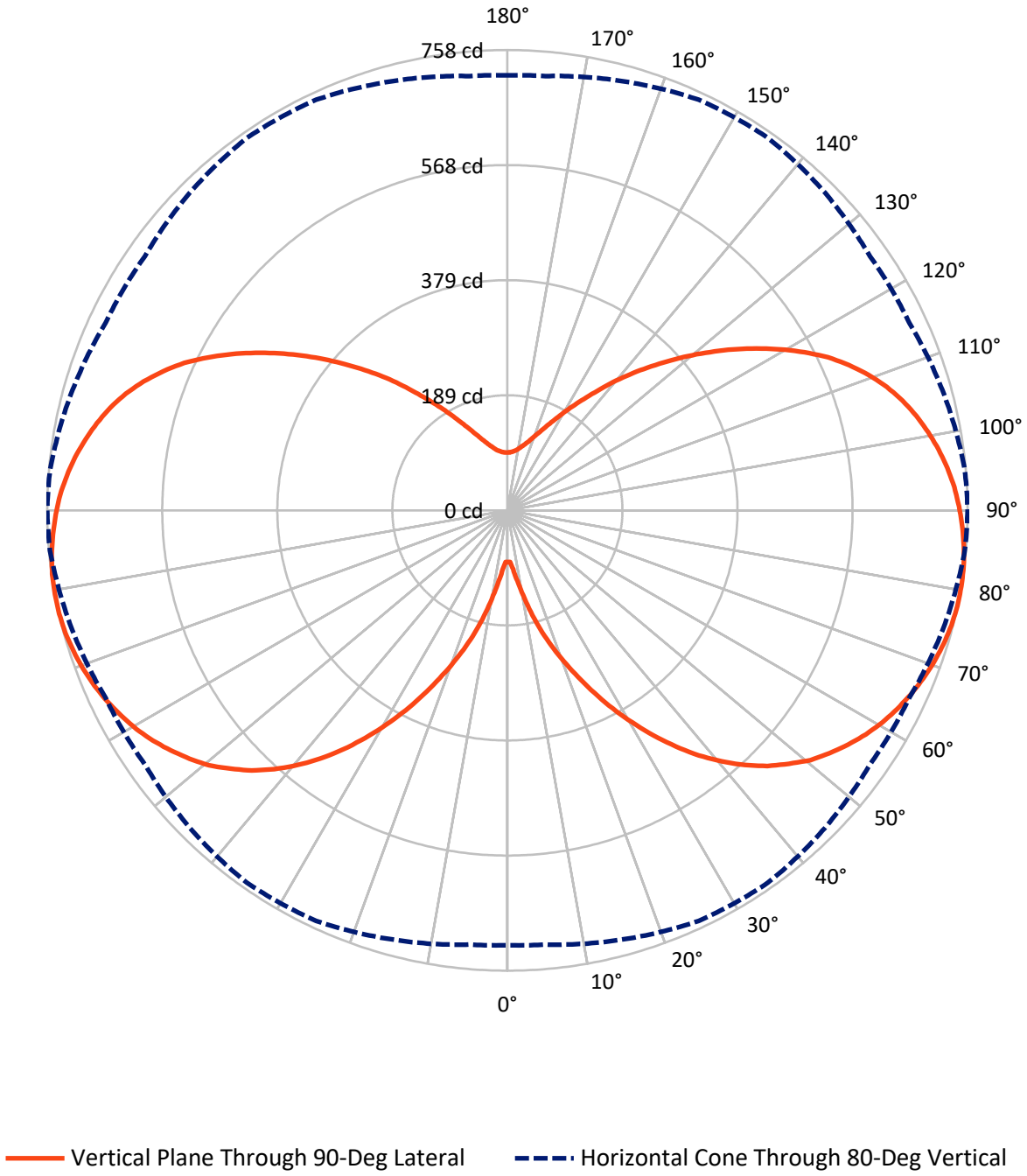
Luminous Intensity Polar Plot



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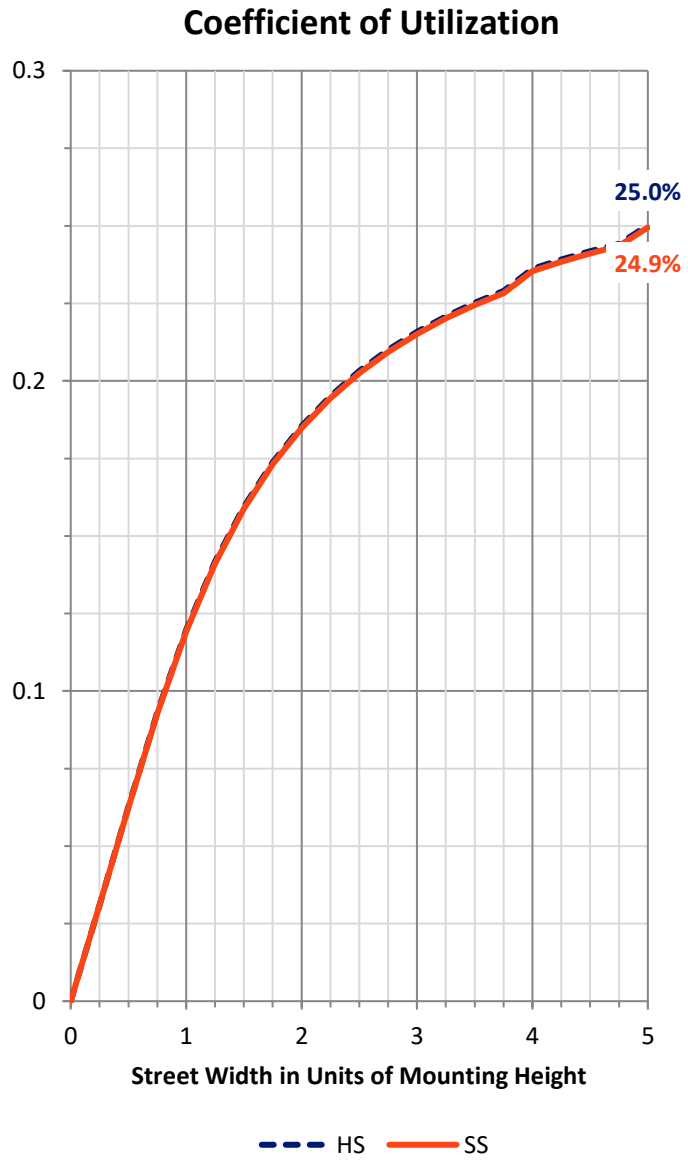
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1933.8	1464.7	3398.5
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	1933.8	1464.7	3398.5
	% Fixture	28.5	21.5	50.0
Total	Lumens	3867.6	2929.4	6797.0
	% Fixture	56.9	43.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.8	0.2
10°-20°	59.3	0.9
20°-30°	155.9	2.3
30°-40°	298.1	4.4
40°-50°	458.3	6.7
50°-60°	600.4	8.8
60°-70°	708.6	10.4
70°-80°	777.4	11.4
80°-90°	798.7	11.8
90°-100°	769.5	11.3
100°-110°	690.0	10.2
110°-120°	560.7	8.2
120°-130°	400.6	5.9
130°-140°	253.4	3.7
140°-150°	141.9	2.1
150°-160°	71.4	1.1
160°-170°	32.5	0.5
170°-180°	9.4	0.1
0°-90°	3867.6	56.9
0°-180°	6797.0	100.0



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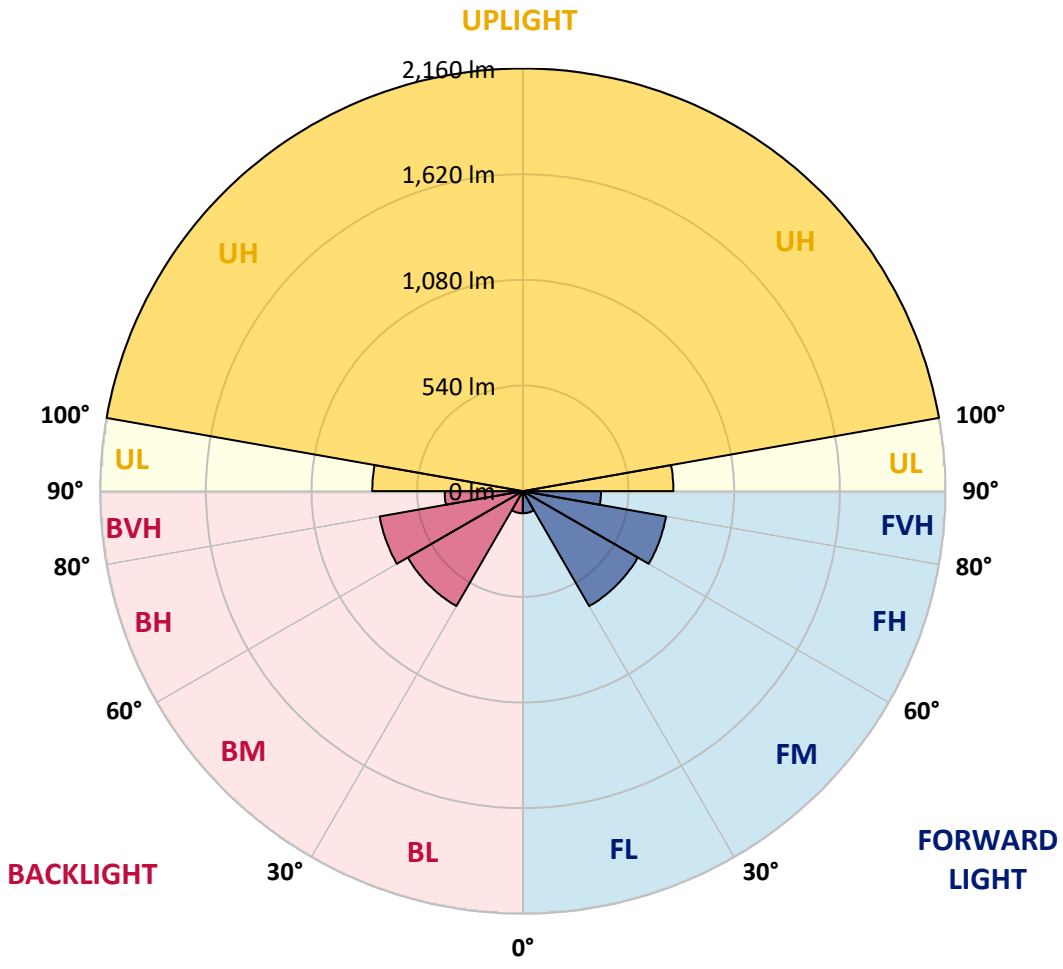
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	113.0	1.7			
FM	(30°-60°)	678.4	10.0			
FH	(60°-80°)	743.0	10.9			G1/1800
FVH	(80°-90°)	399.4	5.9			G3/500
BL	(0°-30°)	113.0	1.7	B1/500		
BM	(30°-60°)	678.4	10.0	B1/1000		
BH	(60°-80°)	743.0	10.9	B2/1000		G1/1800
BVH	(80°-90°)	399.4	5.9			G3/500
UL	(90°-100°)	769.5	11.3		U4/1000	
UH	(100°-180°)	2159.9	31.8		U5	

BUG Rating: B2-U5-G3
Type V Short



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Scaled Data Report

REPORT NUMBER: P856314
CATALOG NUMBER: FFX-CLB-40-740-U-FG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	*85.3*
2.5°	89.5	89.5	89.1	88.3	87.8	87.4	86.6	85.3	84.9	84.9	*84.9*
5°	97.5	97.9	97.9	97.5	97.9	97.0	97.0	96.2	96.6	96.6	*97.0*
7.5°	117.1	117.1	117.5	117.5	118.0	117.1	117.5	117.1	117.5	117.5	*117.1*
10°	142.6	142.6	143.5	142.6	143.1	142.2	141.8	141.8	143.1	142.6	*142.2*
12.5°	171.5	172.3	171.9	171.5	172.3	171.5	170.7	171.1	172.7	171.9	*171.5*
15°	202.0	202.9	203.7	202.4	202.9	202.4	202.0	202.4	204.1	203.3	*202.9*
17.5°	233.0	233.4	234.2	232.6	233.0	233.4	233.0	233.4	234.7	234.2	*233.8*
20°	263.9	264.8	265.6	263.9	264.4	264.8	264.4	264.8	266.4	265.6	*265.2*
22.5°	296.6	297.0	298.7	296.6	297.4	297.8	297.0	297.8	299.5	298.7	*298.2*
25°	330.4	330.0	332.5	330.9	331.3	332.1	331.3	332.1	334.2	334.2	*333.0*
27.5°	365.2	365.2	367.2	366.0	366.8	366.4	367.2	368.1	370.2	370.6	*369.3*
30°	399.9	399.9	403.2	401.1	402.4	402.8	402.8	403.6	406.1	407.0	*405.3*
32.5°	434.6	434.6	436.3	436.7	437.5	437.9	438.8	438.8	442.1	442.5	*441.7*
35°	468.5	468.5	470.1	471.0	473.1	472.2	473.5	473.5	477.3	477.7	*477.3*
37.5°	500.7	501.1	503.2	504.0	505.7	505.7	506.5	507.4	510.7	512.0	*511.6*
40°	531.2	532.1	533.7	535.4	537.1	537.1	537.5	538.7	542.5	543.8	*543.3*
42.5°	558.8	559.2	561.7	564.3	565.9	565.9	566.4	567.2	571.4	573.0	*573.0*
45°	583.1	584.3	587.7	591.0	592.7	592.3	592.3	593.5	598.1	600.2	*600.2*
47.5°	605.7	607.3	611.1	614.5	616.1	616.1	615.7	617.0	622.0	624.5	*623.2*
50°	625.7	627.0	631.2	636.2	637.5	637.5	636.2	637.5	642.9	646.2	*646.2*
52.5°	642.5	643.7	648.8	654.2	655.9	655.4	653.8	655.0	660.5	664.2	*663.8*
55°	656.7	658.4	663.8	670.5	672.2	670.9	668.8	670.1	675.9	681.0	*680.5*
57.5°	669.7	670.9	677.2	684.3	686.8	684.7	681.8	683.1	689.7	695.2	*695.6*
60°	680.5	681.8	688.9	697.3	699.4	696.9	693.1	694.3	701.9	708.1	*709.0*
62.5°	689.7	691.0	698.9	708.1	711.1	707.3	702.7	704.0	712.3	719.4	*719.9*
65°	697.3	698.5	707.7	717.3	720.3	716.1	710.7	711.9	721.1	729.1	*729.9*
67.5°	703.1	704.8	715.3	725.7	728.2	723.2	716.9	718.2	728.2	737.4	*738.3*
70°	708.1	710.2	721.1	732.4	735.3	729.5	722.0	723.6	734.9	744.1	*745.4*
72.5°	711.9	714.0	725.7	737.8	741.2	734.1	725.7	727.4	739.5	749.6	*750.8*
75°	714.4	716.5	729.1	742.0	745.0	737.4	728.2	729.9	742.4	753.3	*755.0*
77.5°	715.7	717.8	731.2	744.5	747.5	738.7	729.1	730.7	743.7	755.4	*757.1*
80°	*715.7*	*717.3*	*731.2*	*745.4*	*747.9*	*739.1*	*728.6*	*729.9*	*743.3*	*755.8*	*757.5*
82.5°	714.4	716.1	730.3	744.5	747.0	737.4	726.6	728.2	742.0	754.6	*756.7*
85°	711.5	713.2	727.4	742.0	744.5	734.1	722.8	724.5	738.3	751.6	*753.7*
87.5°	707.3	709.4	723.2	737.8	739.9	729.1	718.2	719.0	733.7	747.5	*749.1*
90°	702.3	704.4	717.3	732.0	734.1	723.2	711.9	713.2	727.4	741.6	*743.3*
92.5°	696.4	698.1	710.7	724.0	726.6	715.3	704.4	706.1	720.3	734.5	*736.6*
95°	688.9	690.2	701.9	714.4	716.5	706.5	695.6	697.3	711.5	725.3	*727.4*
97.5°	679.7	680.5	691.0	702.3	704.8	695.2	685.1	686.8	700.6	714.4	*716.9*
100°	669.2	669.7	678.9	688.5	690.6	682.6	673.4	675.5	688.5	702.7	*704.4*
102.5°	657.1	657.1	664.6	672.6	675.1	668.4	660.5	662.6	675.1	688.5	*690.6*
105°	643.7	642.5	647.9	654.2	657.1	652.1	646.2	647.9	659.6	672.6	*675.1*
107.5°	627.0	625.7	629.5	634.9	637.9	634.1	629.5	632.0	642.1	654.2	*656.7*
110°	608.2	606.5	608.2	612.4	615.7	613.2	610.7	612.8	622.4	633.7	*635.4*

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Scaled Data Report

REPORT NUMBER: P856314
CATALOG NUMBER: FFX-CLB-40-740-U-FG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	586.4	584.3	584.8	587.7	590.6	590.2	588.5	591.9	599.8	609.0	*611.1*
115°	561.3	559.2	558.0	559.7	562.2	563.8	565.5	567.6	573.9	581.4	*584.8*
117.5°	535.0	531.6	529.5	529.5	532.5	535.4	538.3	541.3	545.4	552.5	*553.8*
120°	504.4	502.4	499.4	499.4	501.9	504.9	509.5	512.8	515.3	520.3	*522.0*
122.5°	474.3	471.4	468.5	468.5	470.1	474.3	480.6	483.5	484.8	487.7	*489.0*
125°	443.8	440.4	437.1	437.1	438.8	443.0	450.1	452.6	453.4	454.7	*455.9*
127.5°	412.8	409.5	406.6	405.3	407.8	411.2	418.3	421.6	422.0	422.0	*422.9*
130°	381.9	379.4	376.5	375.2	377.7	380.6	388.6	391.9	390.3	390.3	*390.7*
132.5°	352.6	350.1	347.2	346.3	348.0	351.8	358.9	361.8	360.6	358.9	*359.3*
135°	324.2	322.1	318.3	317.9	320.4	322.1	328.8	331.7	330.4	328.8	*329.2*
137.5°	297.0	294.9	291.5	291.1	293.6	295.7	300.7	303.7	302.0	300.3	*300.7*
140°	271.0	268.5	266.0	265.6	267.3	269.4	274.0	275.6	274.0	272.7	*273.1*
142.5°	246.8	245.1	242.2	242.2	243.0	244.7	248.5	250.1	248.5	246.8	*245.9*
145°	223.8	221.7	220.0	219.6	220.4	222.1	224.6	226.3	224.6	223.4	*222.5*
147.5°	203.3	201.6	199.9	199.9	200.4	201.6	203.7	204.1	202.9	202.0	*201.2*
150°	184.5	182.8	182.0	181.5	182.0	182.4	184.0	184.9	183.6	182.8	*182.0*
152.5°	167.3	166.1	165.2	165.6	165.6	166.1	166.5	166.9	165.6	165.6	*164.8*
155°	152.3	151.4	150.6	151.0	151.0	151.0	151.4	151.4	150.6	150.6	*150.2*
157.5°	139.7	138.9	138.5	138.9	138.9	138.5	138.9	138.9	138.0	138.0	*137.6*
160°	128.8	128.0	128.0	128.0	128.0	127.6	128.4	128.0	127.6	127.2	*127.2*
162.5°	120.0	119.2	119.2	119.6	119.2	119.2	119.2	119.2	118.8	118.8	*118.4*
165°	112.9	112.1	112.1	112.5	112.1	112.1	112.1	112.1	111.7	111.7	*111.7*
167.5°	107.1	106.7	106.7	106.7	106.7	106.2	106.7	106.7	106.2	106.2	*106.2*
170°	102.5	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	101.6	*101.6*
172.5°	99.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	98.7	98.7	*98.7*
175°	97.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	96.6	*96.6*
177.5°	96.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.4	*95.4*
180°	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	*95.4*

Cooper Lighting Solutions Photometric Lab
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: SP1-2406-133-1

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.03

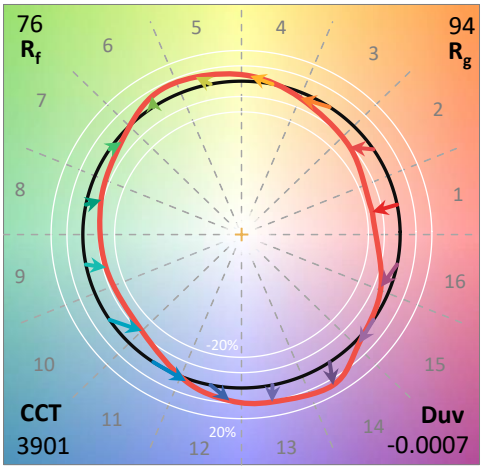
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-1
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-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3901	CRI (Ra):	74.5		
CIE u':	0.2273	R1:	71.8	R9:	-23.4
CIE v':	0.5026	R2:	81.9	R10:	56.6
Duv:	-0.0007	R3:	89.3	R11:	68.4
CIE x:	0.3844	R4:	72.6	R12:	46.6
CIE y:	0.3776	R5:	71.3	R13:	73.7
CIE z:	0.2380	R6:	74.0	R14:	93.9
Peak Wavelength (nm):	451	R7:	81.5	R15:	65.1
Dominant Wavelength (nm):	579	R8:	53.3		
Purity:	28.6799				
Rf:	76.2				
Rg:	94.4				



Test Conditions

Stabilization Time:	0.818109M
Operation Time:	1H
Sphere Temperature (°C):	24.6

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: SP1-2406-133-1

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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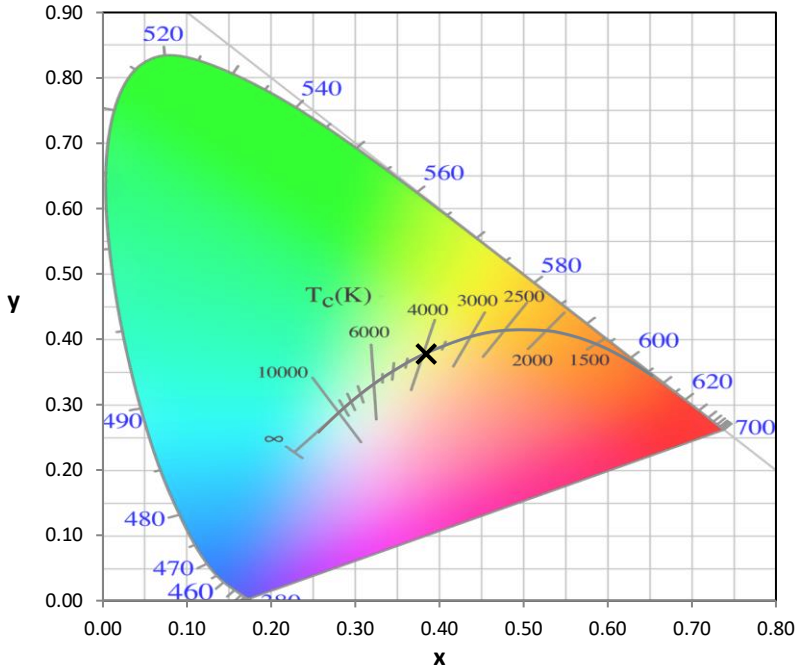
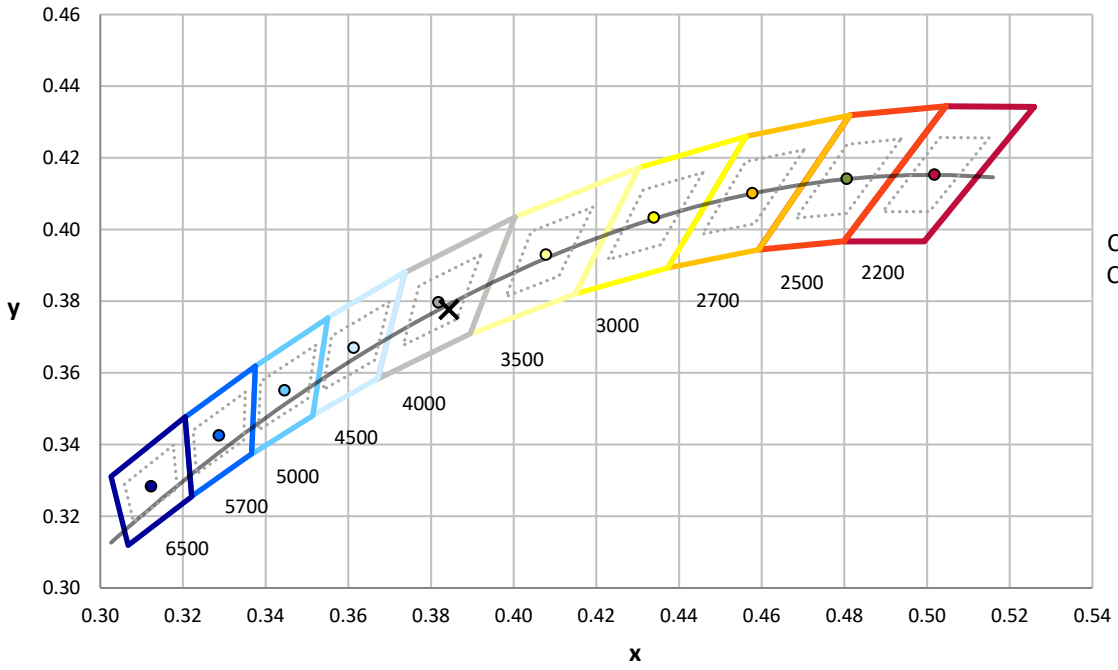
CIE 1931 Chromaticity Diagram



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



CCT = 3901K
CIE x = 0.3844
CIE y = 0.3776
Duv = -0.0007

Point lies inside the ANSI 4000K 4-step quadrangle

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

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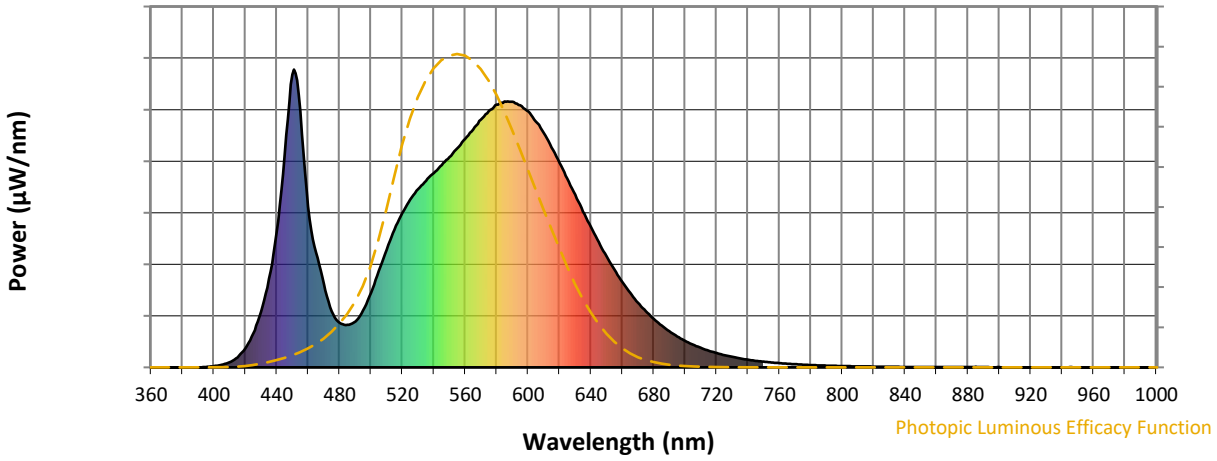
Photopic Flux vs. Wavelength



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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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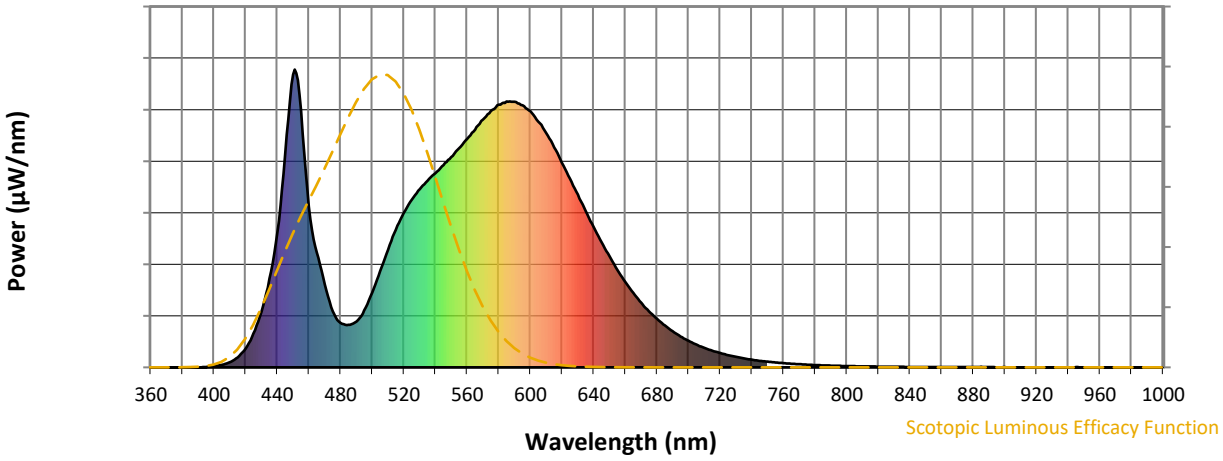
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.53**

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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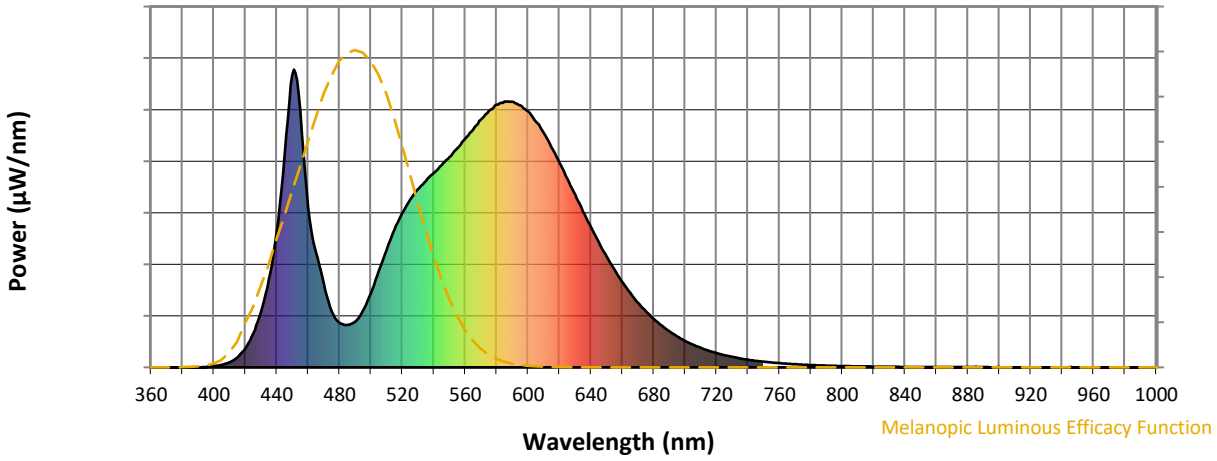
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.04**

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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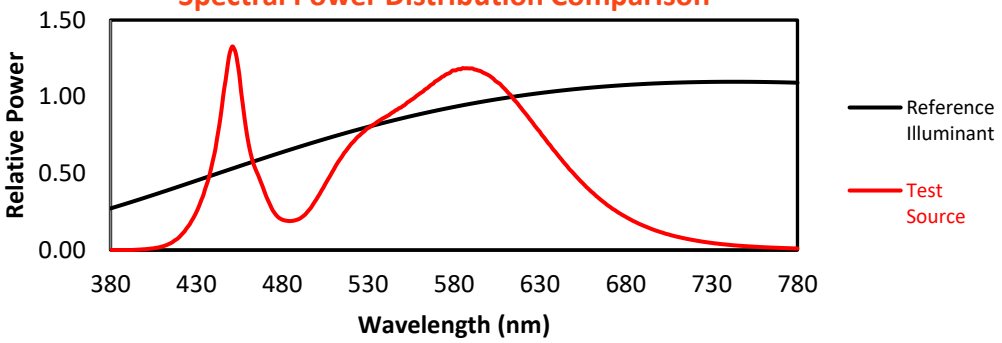
TM-30-18

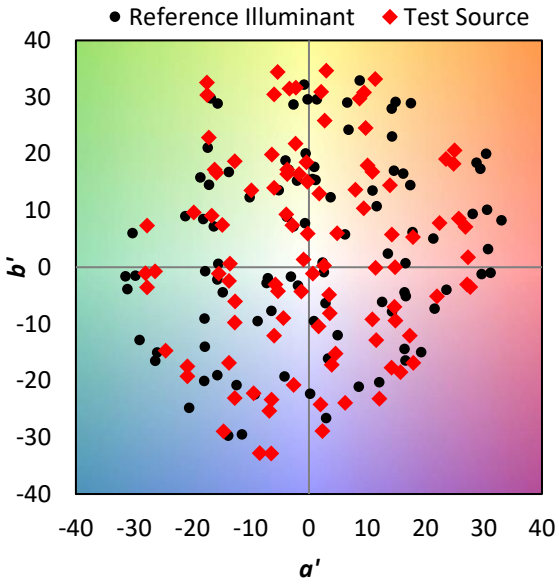
Summary

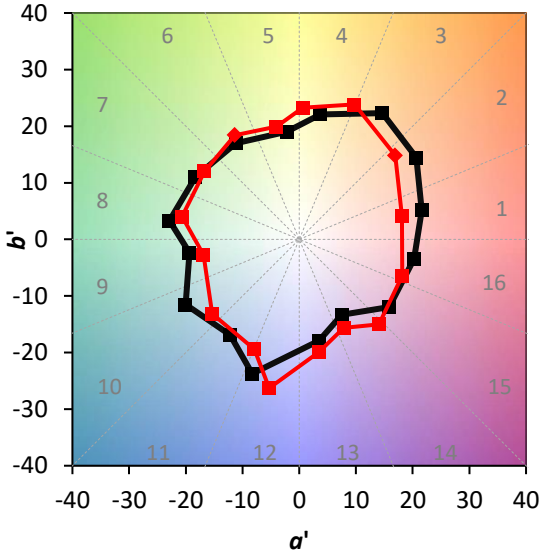
R_f = 76.2
R_g = 94.4
CIE R_a = 74.5
R_9 = -23.4

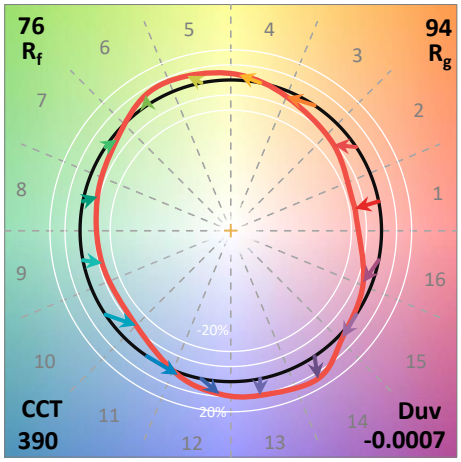
Spectral Power Distribution Comparison

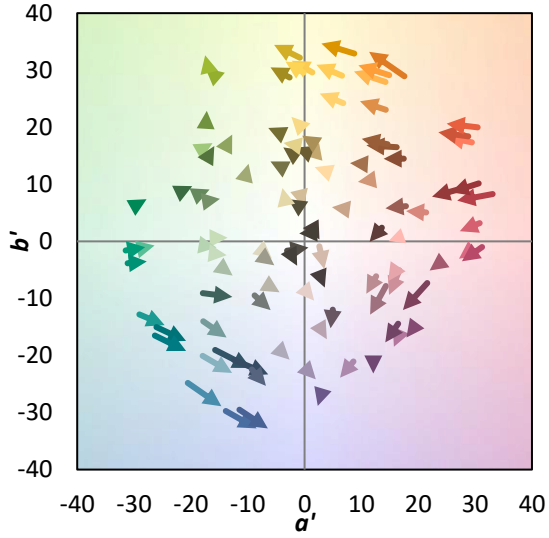


Color Vector Graphics









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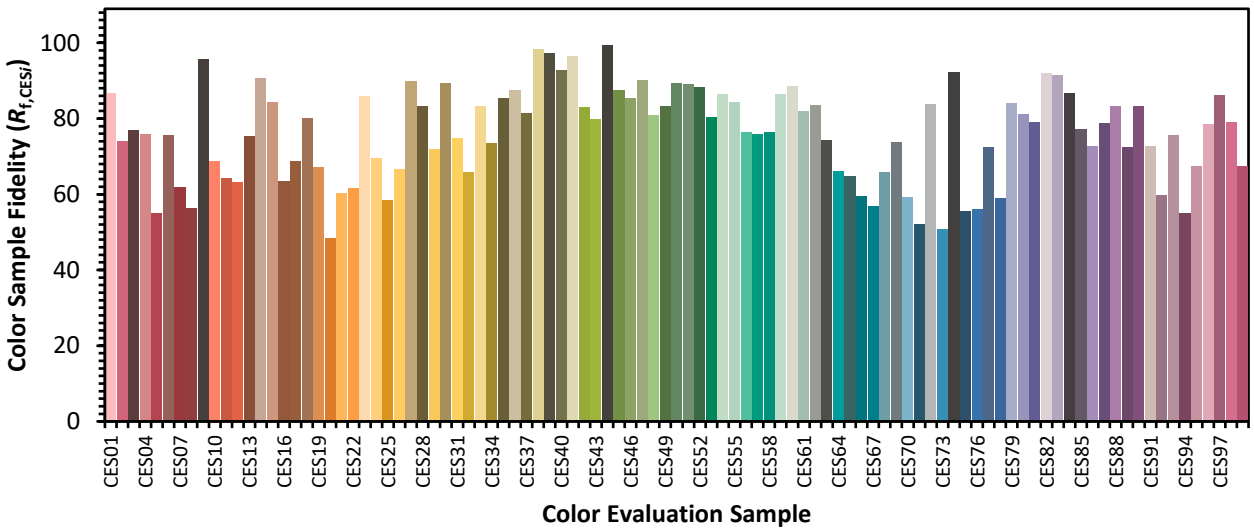
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 67	CES51 = 89	CES76 = 56
CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 92
CES08 = 39	CES33 = 83	CES58 = 76	CES83 = 92
CES09 = 29	CES34 = 74	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 85	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 73
CES12 = 63	CES37 = 81	CES62 = 84	CES87 = 79
CES13 = 42	CES38 = 98	CES63 = 74	CES88 = 83
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 72
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 83
CES16 = 46	CES41 = 96	CES66 = 59	CES91 = 73
CES17 = 49	CES42 = 83	CES67 = 57	CES92 = 60
CES18 = 56	CES43 = 80	CES68 = 66	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 74	CES94 = 55
CES20 = 65	CES45 = 87	CES70 = 59	CES95 = 67
CES21 = 86	CES46 = 85	CES71 = 52	CES96 = 78
CES22 = 78	CES47 = 90	CES72 = 84	CES97 = 86
CES23 = 92	CES48 = 81	CES73 = 51	CES98 = 79
CES24 = 91	CES49 = 83	CES74 = 92	CES99 = 68
CES25 = 72	CES50 = 89	CES75 = 56	



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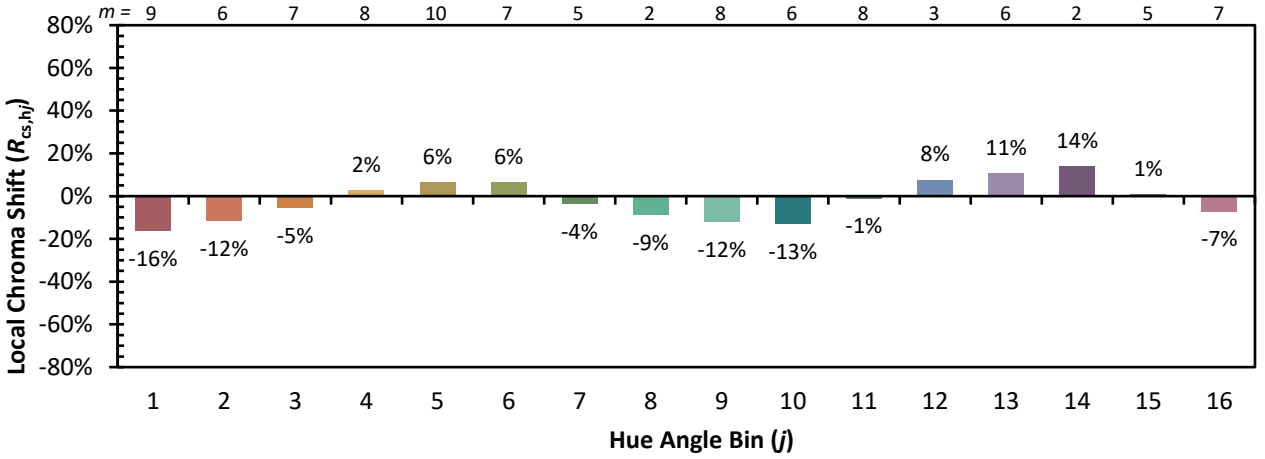
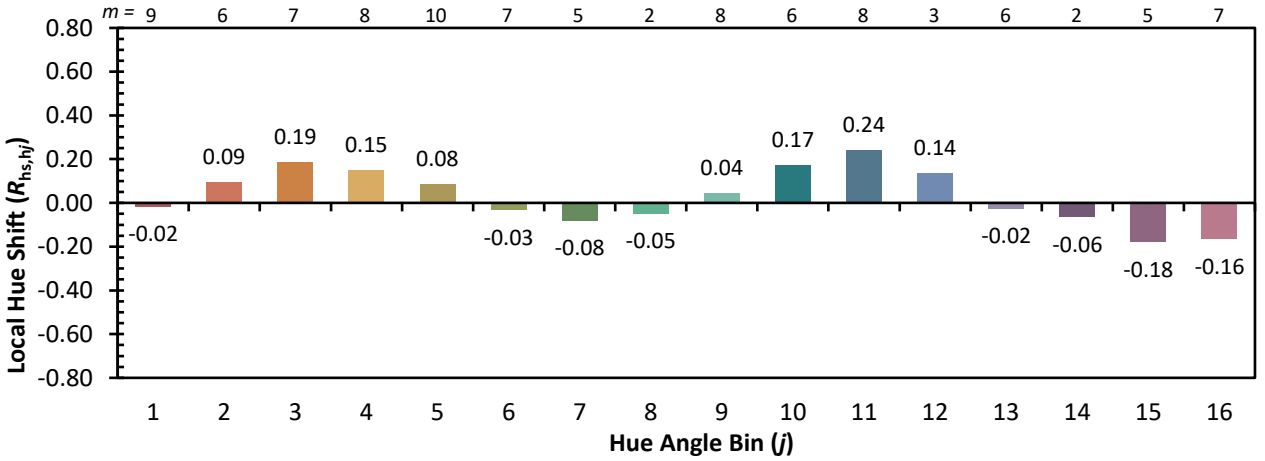
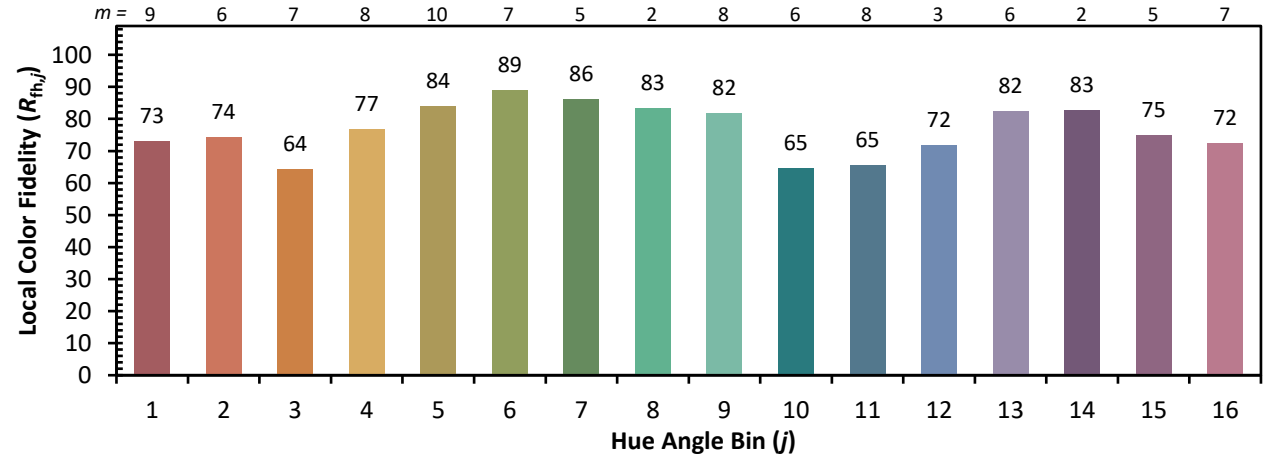
Color Rendition by Hue-Angle Bin







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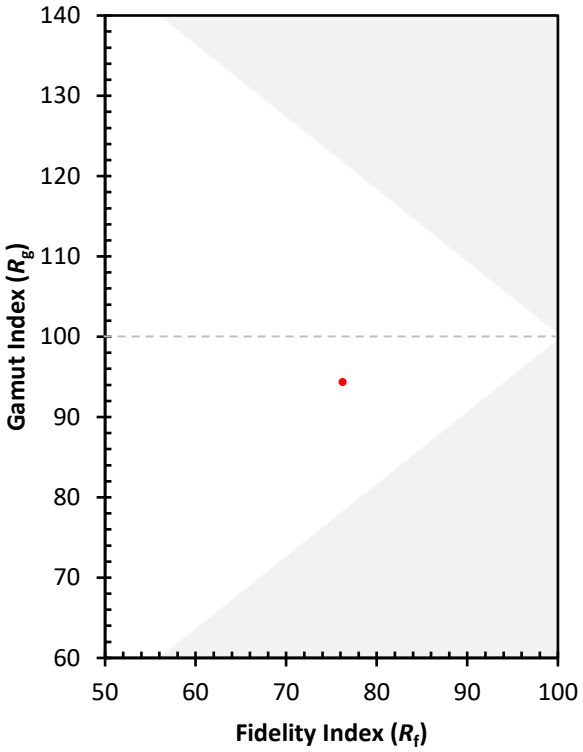
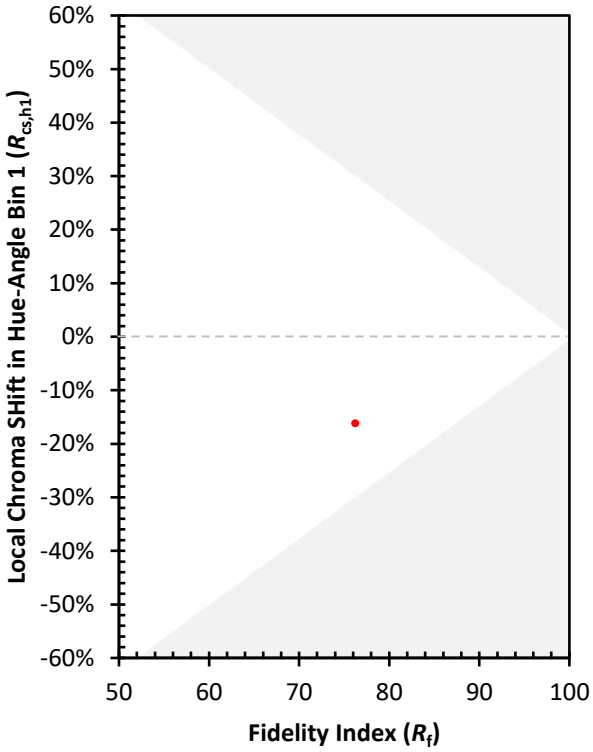
Measure Comparisons





(END OF REPORT)