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: P856315

Luminaire Tested: **FFX-CLB-30-740-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:	P856315
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-740-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:	5270.8 lumens
Efficiency:	N/A
Efficacy:	172.8 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):	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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REPORT NUMBER: P856315
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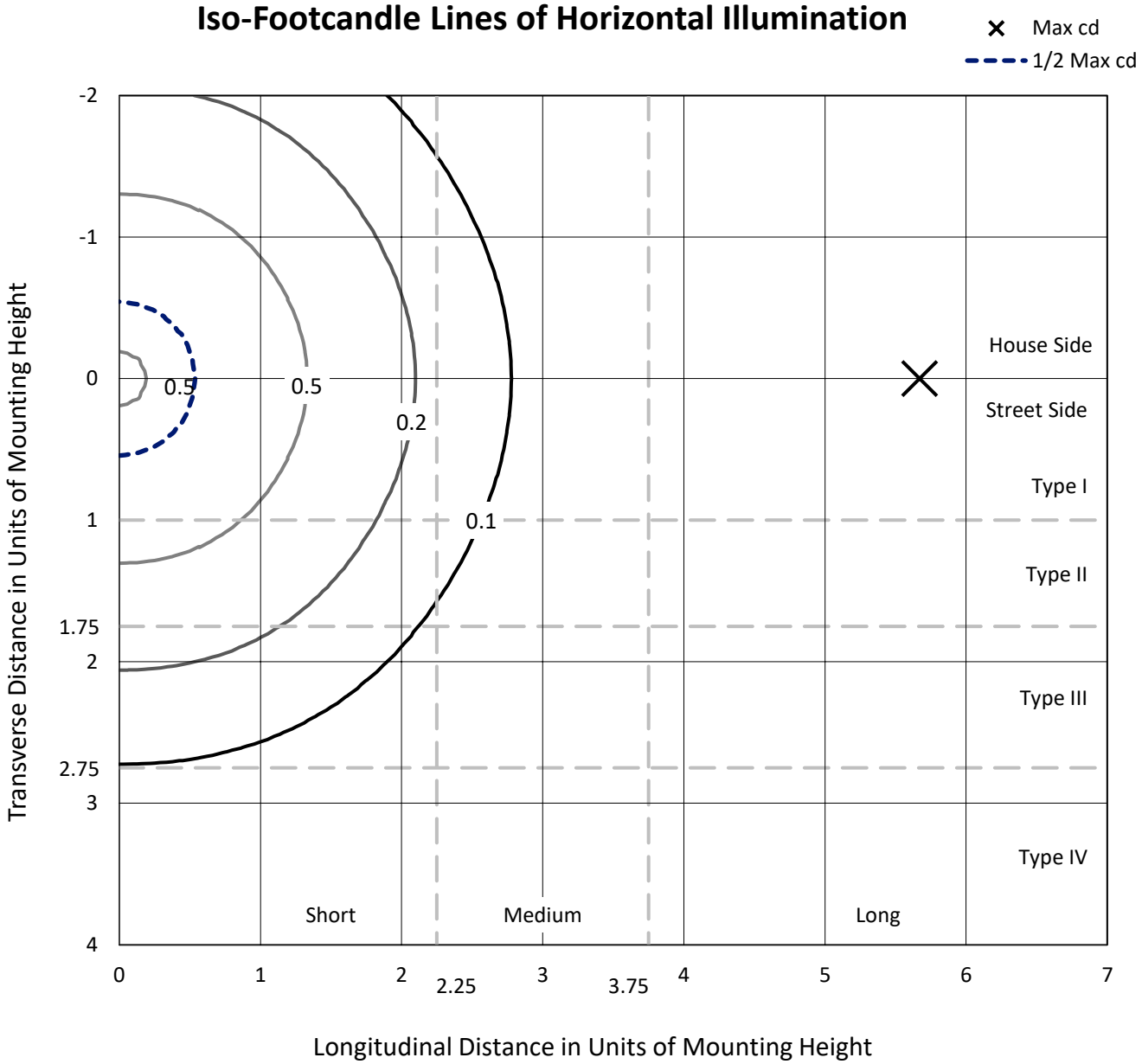
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

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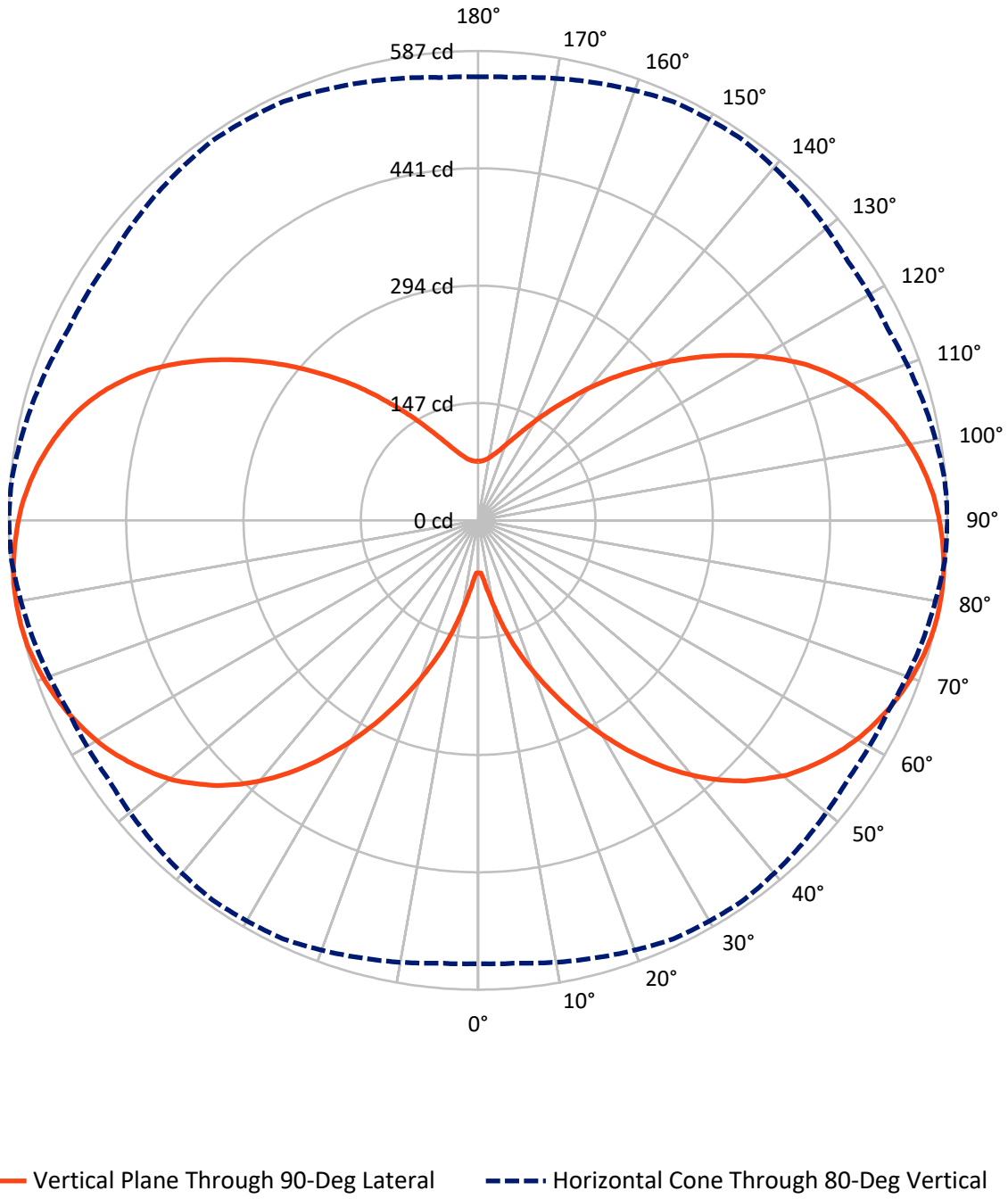
Luminous Intensity Polar Plot



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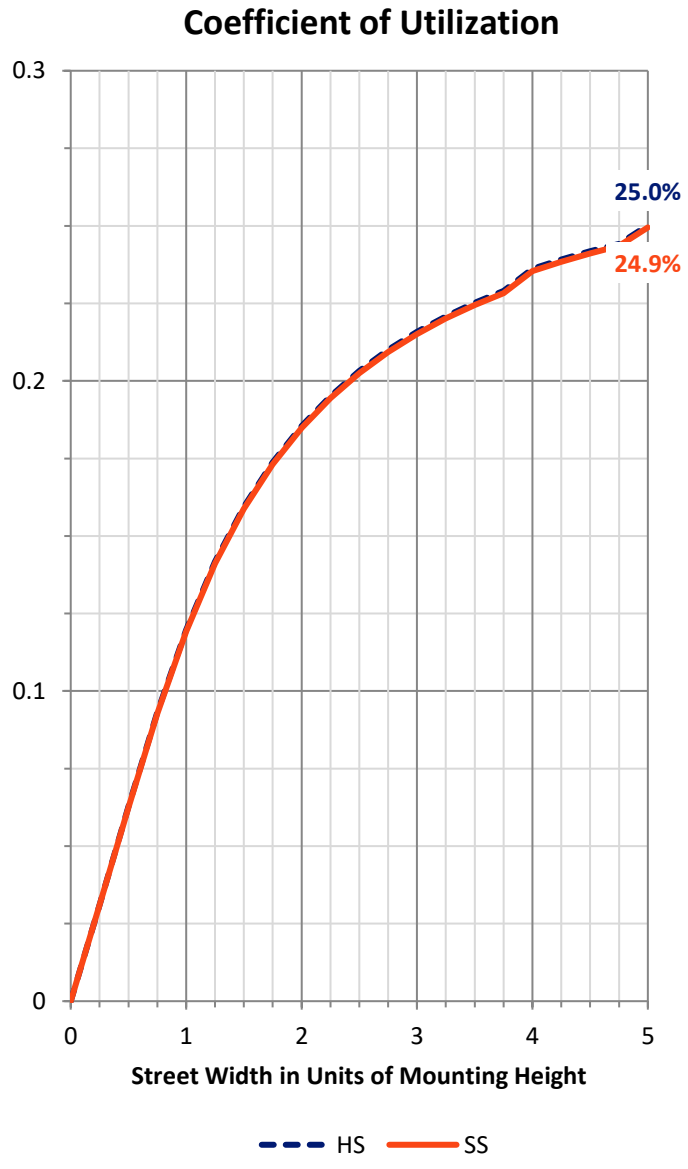
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1499.6	1135.8	2635.4
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	1499.6	1135.8	2635.4
	% Fixture	28.5	21.5	50.0
Total	Lumens	2999.2	2271.6	5270.8
	% Fixture	56.9	43.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.4	0.2
10°-20°	46.0	0.9
20°-30°	120.9	2.3
30°-40°	231.2	4.4
40°-50°	355.4	6.7
50°-60°	465.6	8.8
60°-70°	549.5	10.4
70°-80°	602.8	11.4
80°-90°	619.4	11.8
90°-100°	596.7	11.3
100°-110°	535.1	10.2
110°-120°	434.8	8.2
120°-130°	310.7	5.9
130°-140°	196.5	3.7
140°-150°	110.0	2.1
150°-160°	55.4	1.1
160°-170°	25.2	0.5
170°-180°	7.3	0.1
0°-90°	2999.2	56.9
0°-180°	5270.8	100.0



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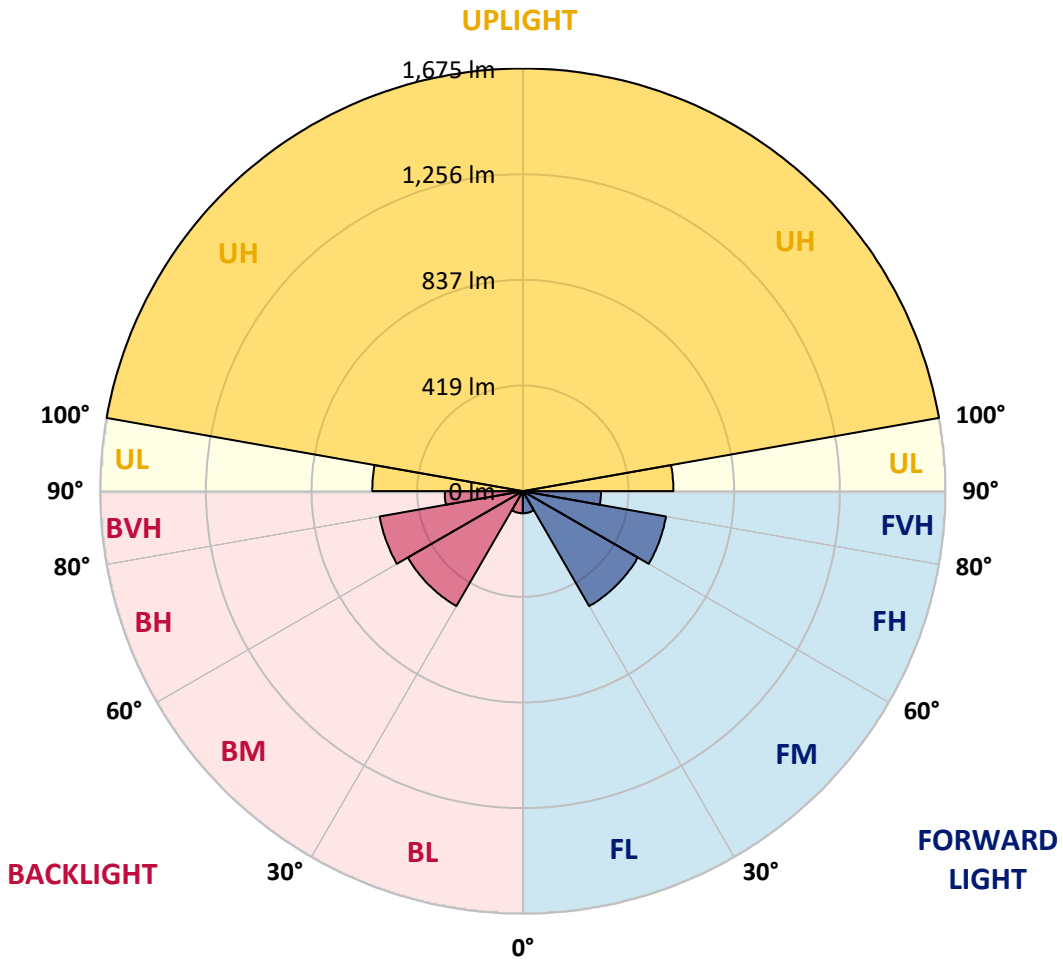
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	87.6	1.7			
FM	(30°-60°)	526.1	10.0			
FH	(60°-80°)	576.2	10.9			G0/660
FVH	(80°-90°)	309.7	5.9			G3/500
BL	(0°-30°)	87.6	1.7	B0/110		
BM	(30°-60°)	526.1	10.0	B1/1000		
BH	(60°-80°)	576.2	10.9	B2/1000		G0/660
BVH	(80°-90°)	309.7	5.9			G3/500
UL	(90°-100°)	596.7	11.3		U4/1000	
UH	(100°-180°)	1674.9	31.8		U5	

BUG Rating: B2-U5-G3
Type V Short



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REPORT NUMBER: P856315
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	*66.2*
2.5°	69.4	69.4	69.1	68.4	68.1	67.8	67.1	66.2	65.8	65.8	*65.8*
5°	75.6	75.9	75.9	75.6	75.9	75.3	75.3	74.6	74.9	74.9	*75.3*
7.5°	90.8	90.8	91.1	91.1	91.5	90.8	91.1	90.8	91.1	91.1	*90.8*
10°	110.6	110.6	111.3	110.6	110.9	110.3	110.0	110.0	110.9	110.6	*110.3*
12.5°	133.0	133.6	133.3	133.0	133.6	133.0	132.3	132.7	134.0	133.3	*133.0*
15°	156.7	157.3	158.0	157.0	157.3	157.0	156.7	157.0	158.3	157.6	*157.3*
17.5°	180.7	181.0	181.6	180.3	180.7	181.0	180.7	181.0	182.0	181.6	*181.3*
20°	204.7	205.3	206.0	204.7	205.0	205.3	205.0	205.3	206.6	206.0	*205.6*
22.5°	230.0	230.3	231.6	230.0	230.6	230.9	230.3	230.9	232.2	231.6	*231.3*
25°	256.2	255.9	257.9	256.6	256.9	257.5	256.9	257.5	259.2	259.2	*258.2*
27.5°	283.2	283.2	284.8	283.8	284.5	284.1	284.8	285.4	287.1	287.4	*286.4*
30°	310.1	310.1	312.7	311.1	312.0	312.4	312.4	313.0	315.0	315.6	*314.3*
32.5°	337.0	337.0	338.3	338.6	339.3	339.6	340.3	340.3	342.8	343.2	*342.5*
35°	363.3	363.3	364.6	365.2	366.9	366.2	367.2	367.2	370.1	370.4	*370.1*
37.5°	388.3	388.6	390.2	390.9	392.2	392.2	392.8	393.4	396.0	397.0	*396.7*
40°	411.9	412.6	413.9	415.2	416.5	416.5	416.8	417.8	420.7	421.7	*421.3*
42.5°	433.3	433.7	435.6	437.6	438.9	438.9	439.2	439.8	443.1	444.4	*444.4*
45°	452.2	453.1	455.7	458.3	459.6	459.3	459.3	460.3	463.8	465.5	*465.5*
47.5°	469.7	471.0	473.9	476.5	477.8	477.8	477.5	478.4	482.3	484.3	*483.3*
50°	485.2	486.2	489.5	493.4	494.3	494.3	493.4	494.3	498.5	501.1	*501.1*
52.5°	498.2	499.2	503.1	507.3	508.6	508.3	507.0	507.9	512.2	515.1	*514.8*
55°	509.2	510.5	514.8	520.0	521.2	520.3	518.7	519.6	524.2	528.1	*527.7*
57.5°	519.3	520.3	525.1	530.7	532.6	531.0	528.7	529.7	534.9	539.1	*539.4*
60°	527.7	528.7	534.2	540.7	542.3	540.4	537.5	538.4	544.3	549.1	*549.8*
62.5°	534.9	535.8	542.0	549.1	551.4	548.5	544.9	545.9	552.4	557.9	*558.2*
65°	540.7	541.7	548.8	556.3	558.5	555.3	551.1	552.1	559.2	565.4	*566.0*
67.5°	545.3	546.5	554.7	562.8	564.7	560.8	556.0	556.9	564.7	571.8	*572.5*
70°	549.1	550.8	559.2	568.0	570.2	565.7	559.8	561.1	569.9	577.0	*578.0*
72.5°	552.1	553.7	562.8	572.2	574.8	569.3	562.8	564.1	573.5	581.3	*582.2*
75°	554.0	555.6	565.4	575.4	577.7	571.8	564.7	566.0	575.7	584.2	*585.5*
77.5°	555.0	556.6	567.0	577.4	579.6	572.8	565.4	566.7	576.7	585.8	*587.1*
80°	*555.0*	*556.3*	*567.0*	*578.0*	*580.0*	*573.1*	*565.0*	*566.0*	*576.4*	*586.1*	*587.4*
82.5°	554.0	555.3	566.3	577.4	579.3	571.8	563.4	564.7	575.4	585.1	*586.8*
85°	551.7	553.0	564.1	575.4	577.4	569.3	560.5	561.8	572.5	582.9	*584.5*
87.5°	548.5	550.1	560.8	572.2	573.8	565.4	556.9	557.6	568.9	579.6	*580.9*
90°	544.6	546.2	556.3	567.6	569.3	560.8	552.1	553.0	564.1	575.1	*576.4*
92.5°	540.1	541.4	551.1	561.5	563.4	554.7	546.2	547.5	558.5	569.6	*571.2*
95°	534.2	535.2	544.3	554.0	555.6	547.8	539.4	540.7	551.7	562.4	*564.1*
97.5°	527.1	527.7	535.8	544.6	546.5	539.1	531.3	532.6	543.3	554.0	*556.0*
100°	519.0	519.3	526.4	533.9	535.5	529.4	522.2	523.8	533.9	544.9	*546.2*
102.5°	509.6	509.6	515.4	521.6	523.5	518.3	512.2	513.8	523.5	533.9	*535.5*
105°	499.2	498.2	502.4	507.3	509.6	505.7	501.1	502.4	511.5	521.6	*523.5*
107.5°	486.2	485.2	488.2	492.4	494.7	491.7	488.2	490.1	497.9	507.3	*509.2*
110°	471.6	470.3	471.6	474.9	477.5	475.5	473.6	475.2	482.6	491.4	*492.7*

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Scaled Data Report

REPORT NUMBER: P856315
CATALOG NUMBER: FFX-CLB-30-740-U-FG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	454.8	453.1	453.5	455.7	458.0	457.7	456.4	459.0	465.1	472.3	*473.9*
115°	435.3	433.7	432.7	434.0	435.9	437.2	438.5	440.2	445.0	450.9	*453.5*
117.5°	414.9	412.3	410.6	410.6	412.9	415.2	417.5	419.7	423.0	428.5	*429.5*
120°	391.2	389.6	387.3	387.3	389.2	391.5	395.1	397.7	399.6	403.5	*404.8*
122.5°	367.8	365.6	363.3	363.3	364.6	367.8	372.7	375.0	375.9	378.2	*379.2*
125°	344.1	341.6	339.0	339.0	340.3	343.5	349.0	351.0	351.6	352.6	*353.6*
127.5°	320.1	317.5	315.3	314.3	316.3	318.8	324.4	327.0	327.3	327.3	*327.9*
130°	296.1	294.2	291.9	291.0	292.9	295.2	301.3	303.9	302.6	302.6	*303.0*
132.5°	273.4	271.5	269.2	268.6	269.9	272.8	278.3	280.6	279.6	278.3	*278.6*
135°	251.4	249.8	246.8	246.5	248.5	249.8	254.9	257.2	256.2	254.9	*255.3*
137.5°	230.3	228.7	226.1	225.8	227.7	229.3	233.2	235.5	234.2	232.9	*233.2*
140°	210.2	208.2	206.3	206.0	207.3	208.9	212.5	213.8	212.5	211.5	*211.8*
142.5°	191.4	190.1	187.8	187.8	188.5	189.8	192.7	194.0	192.7	191.4	*190.7*
145°	173.5	171.9	170.6	170.3	170.9	172.2	174.2	175.5	174.2	173.2	*172.6*
147.5°	157.6	156.3	155.0	155.0	155.4	156.3	158.0	158.3	157.3	156.7	*156.0*
150°	143.0	141.7	141.1	140.8	141.1	141.4	142.7	143.4	142.4	141.7	*141.1*
152.5°	129.7	128.8	128.1	128.4	128.4	128.8	129.1	129.4	128.4	128.4	*127.8*
155°	118.1	117.4	116.8	117.1	117.1	117.1	117.4	117.4	116.8	116.8	*116.4*
157.5°	108.3	107.7	107.4	107.7	107.7	107.4	107.7	107.7	107.0	107.0	*106.7*
160°	99.9	99.3	99.3	99.3	99.3	98.9	99.6	99.3	98.9	98.6	*98.6*
162.5°	93.1	92.4	92.4	92.8	92.4	92.4	92.4	92.4	92.1	92.1	*91.8*
165°	87.6	86.9	86.9	87.3	86.9	86.9	86.9	86.9	86.6	86.6	*86.6*
167.5°	83.0	82.7	82.7	82.7	82.7	82.4	82.7	82.7	82.4	82.4	*82.4*
170°	79.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	78.8	*78.8*
172.5°	77.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.5	76.5	*76.5*
175°	75.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	74.9	*74.9*
177.5°	74.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.0	*74.0*
180°	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	*74.0*

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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: SP1-2406-133-1

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

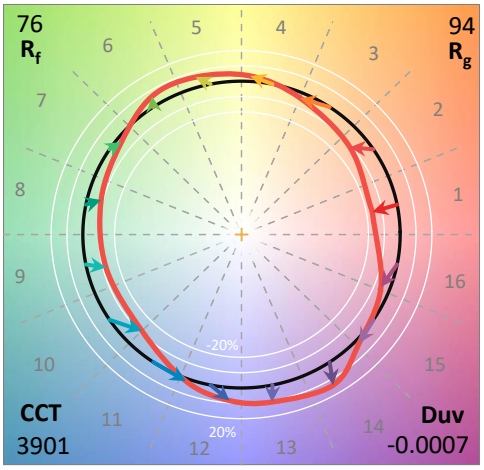
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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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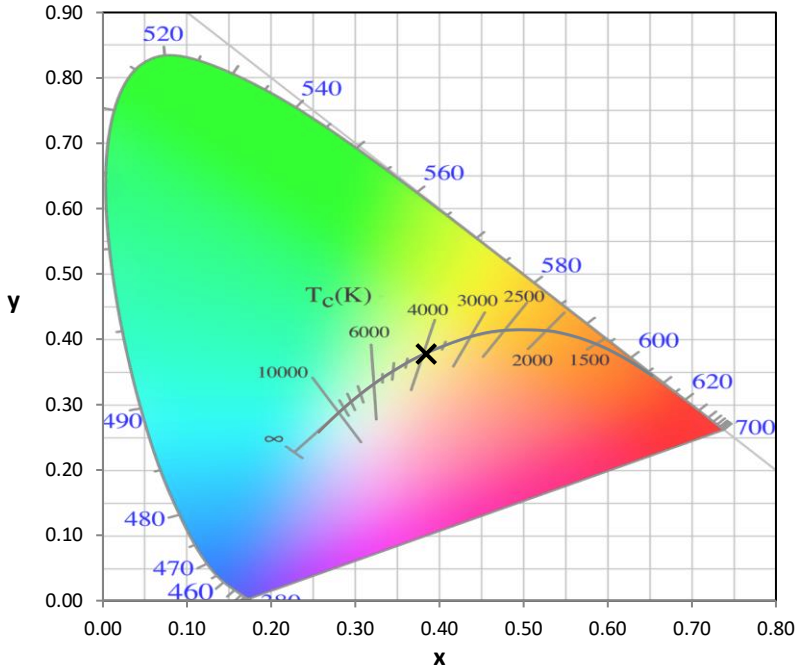
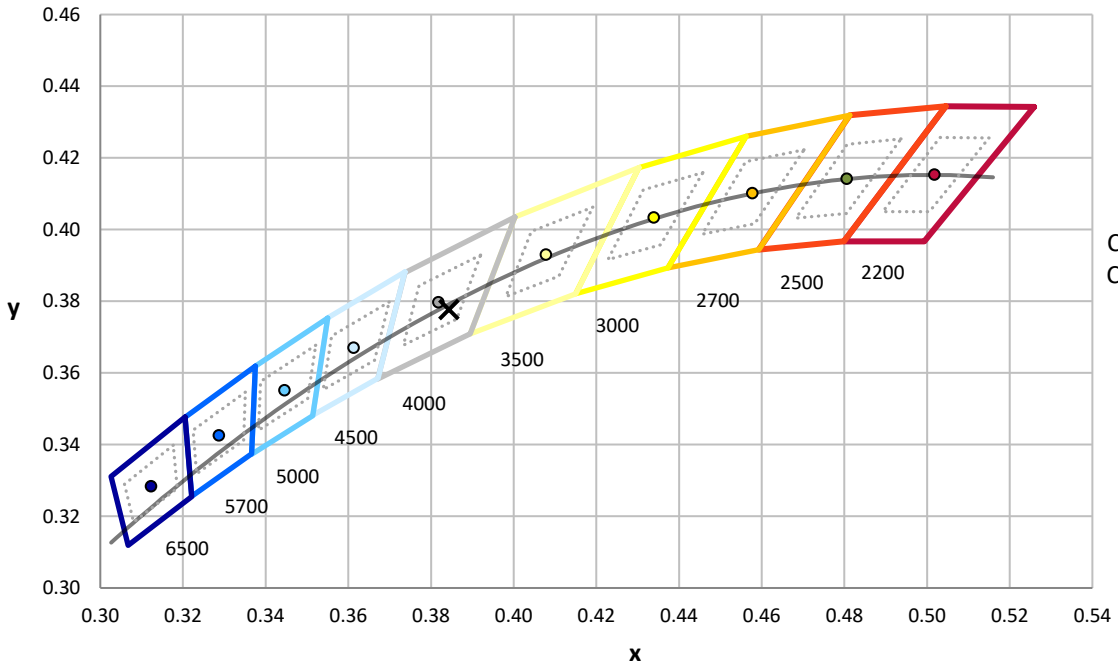
CIE 1931 Chromaticity Diagram



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

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1121 Highway 74 South
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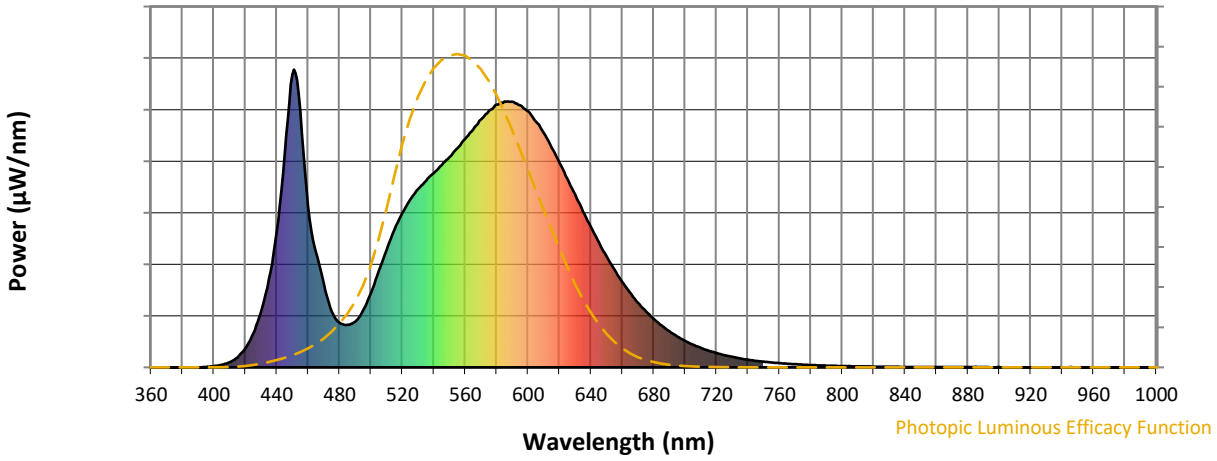
Photopic Flux vs. Wavelength



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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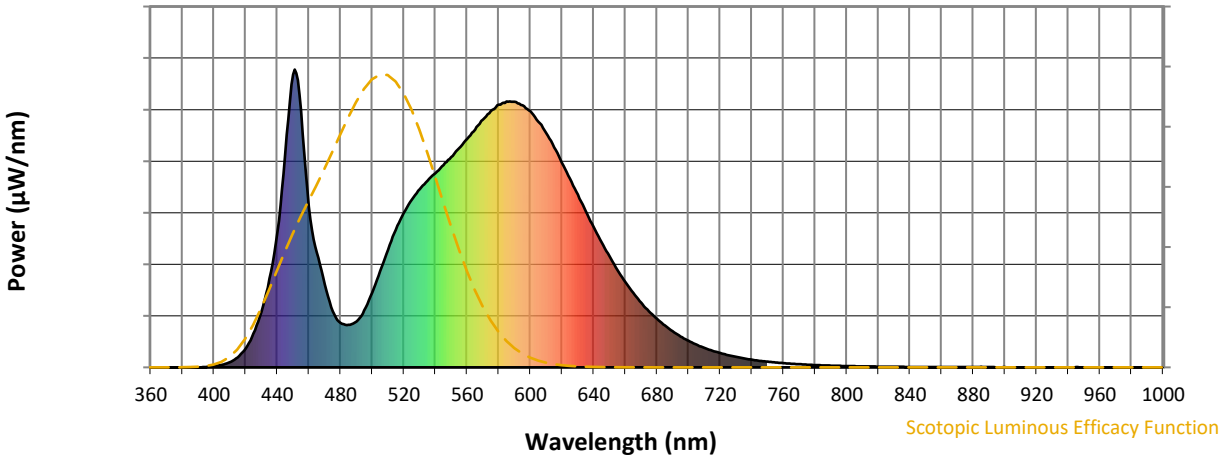
Scotopic Flux vs. Wavelength



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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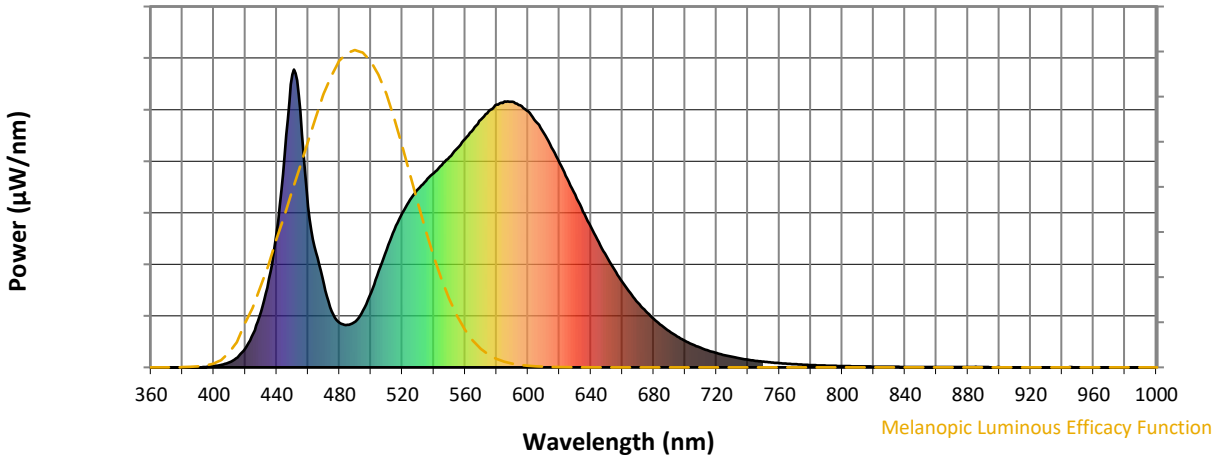
Melanopic Flux vs. Wavelength



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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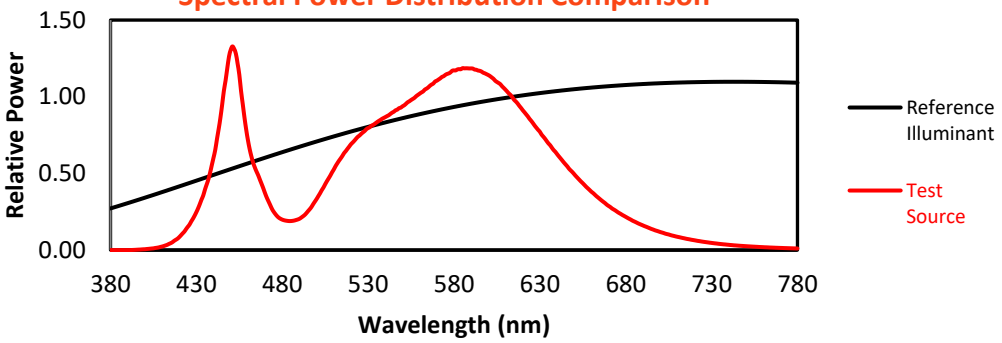
TM-30-18

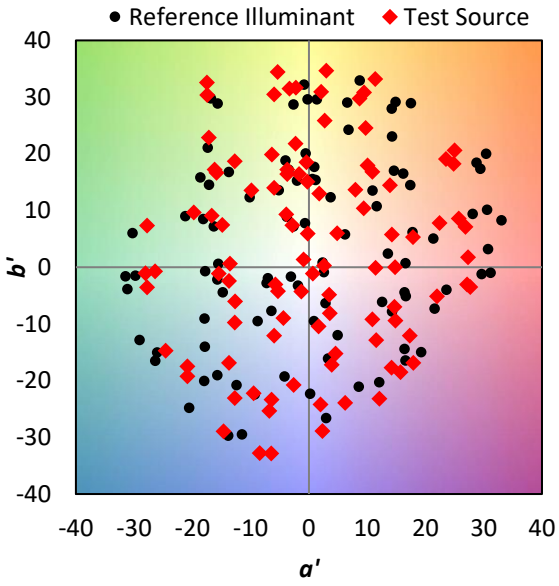
Summary

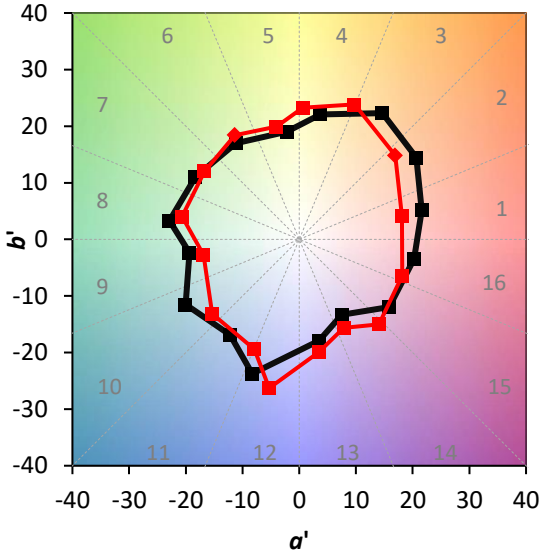
R_f = 76.2
R_g = 94.4
CIE R_a = 74.5
R_9 = -23.4

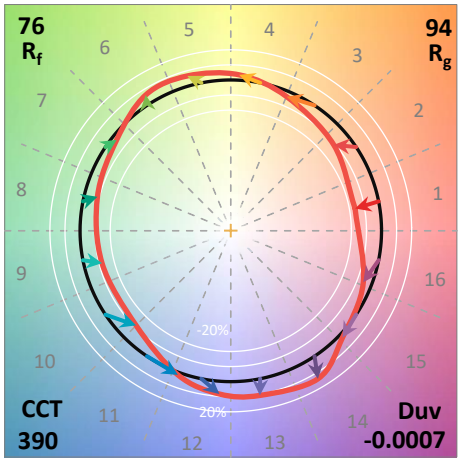
Spectral Power Distribution Comparison

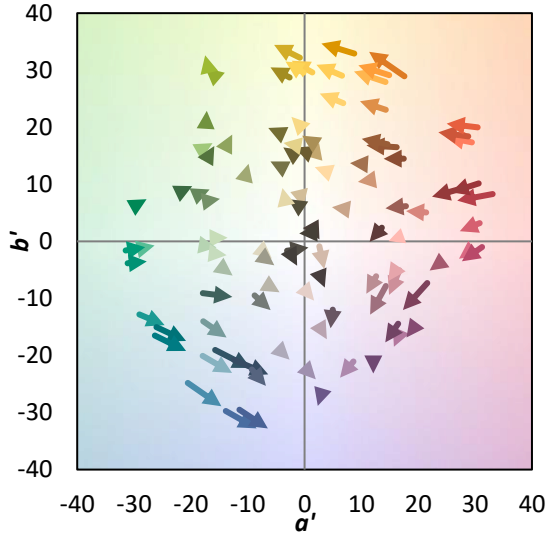


Color Vector Graphics









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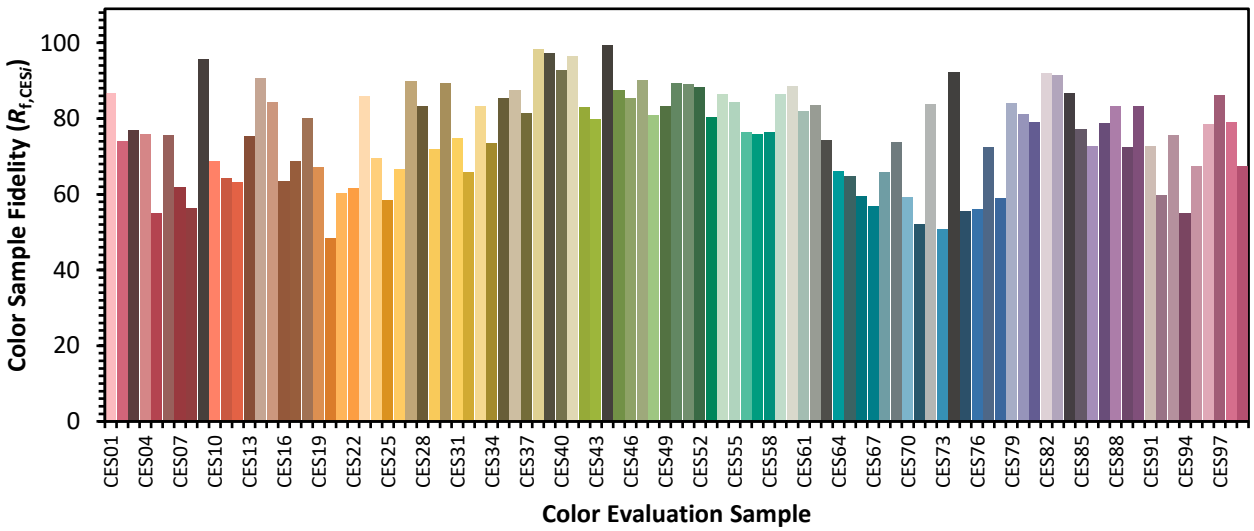
Individual Sample Fidelity Index ($R_{f,i}$)

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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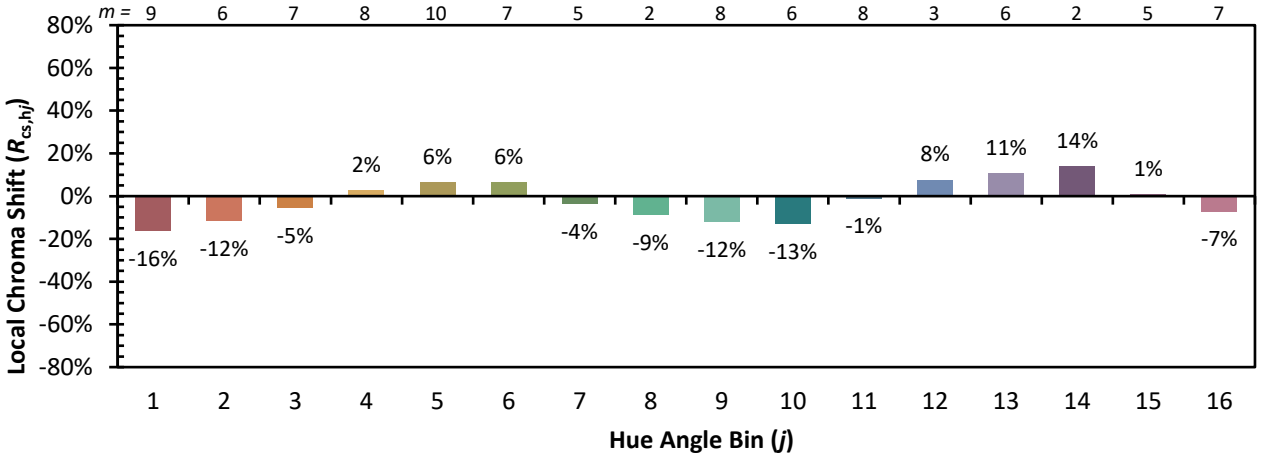
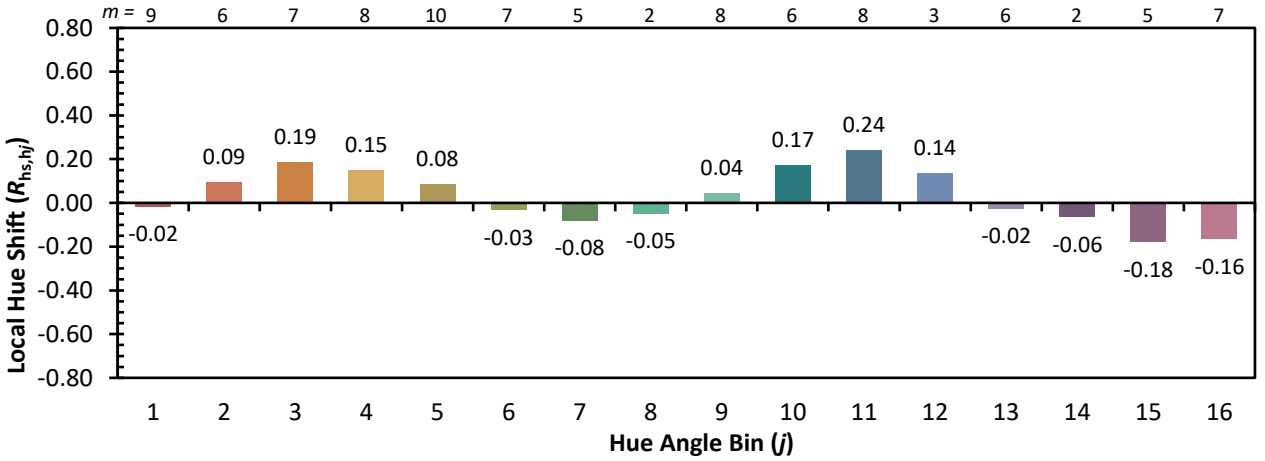
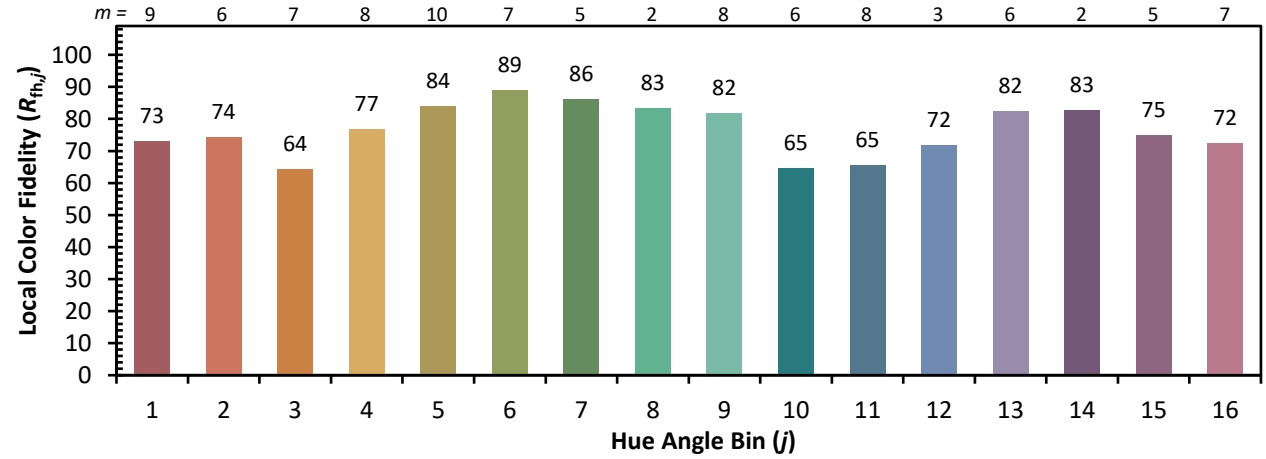
Color Rendition by Hue-Angle Bin







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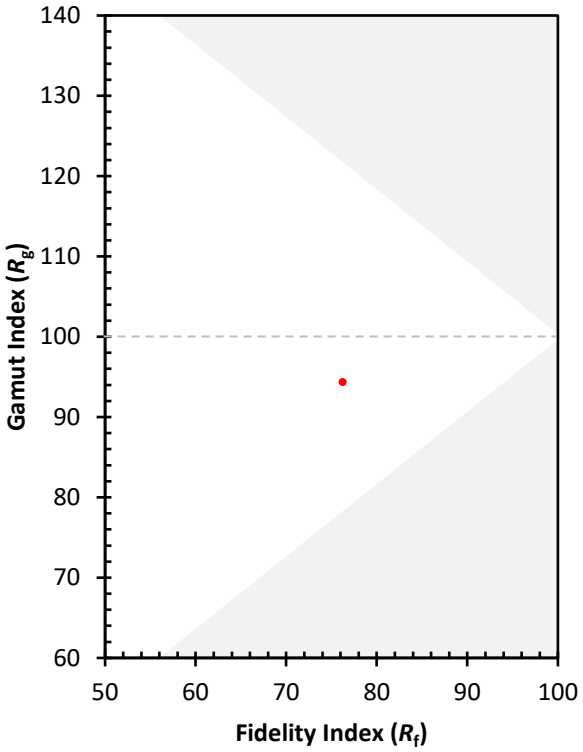
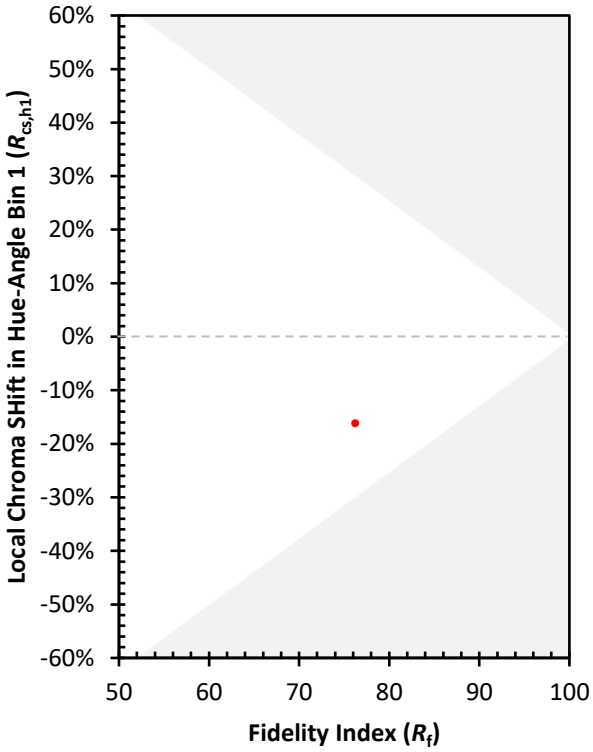
Measure Comparisons





(END OF REPORT)