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: P981251

Luminaire Tested: **FFX-CLB-30-730-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:	P981251
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-730-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5048.9 lumens
Efficiency:	N/A
Efficacy:	165.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B2 - U5 - G3

Input Watts (W):	30.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	10.8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

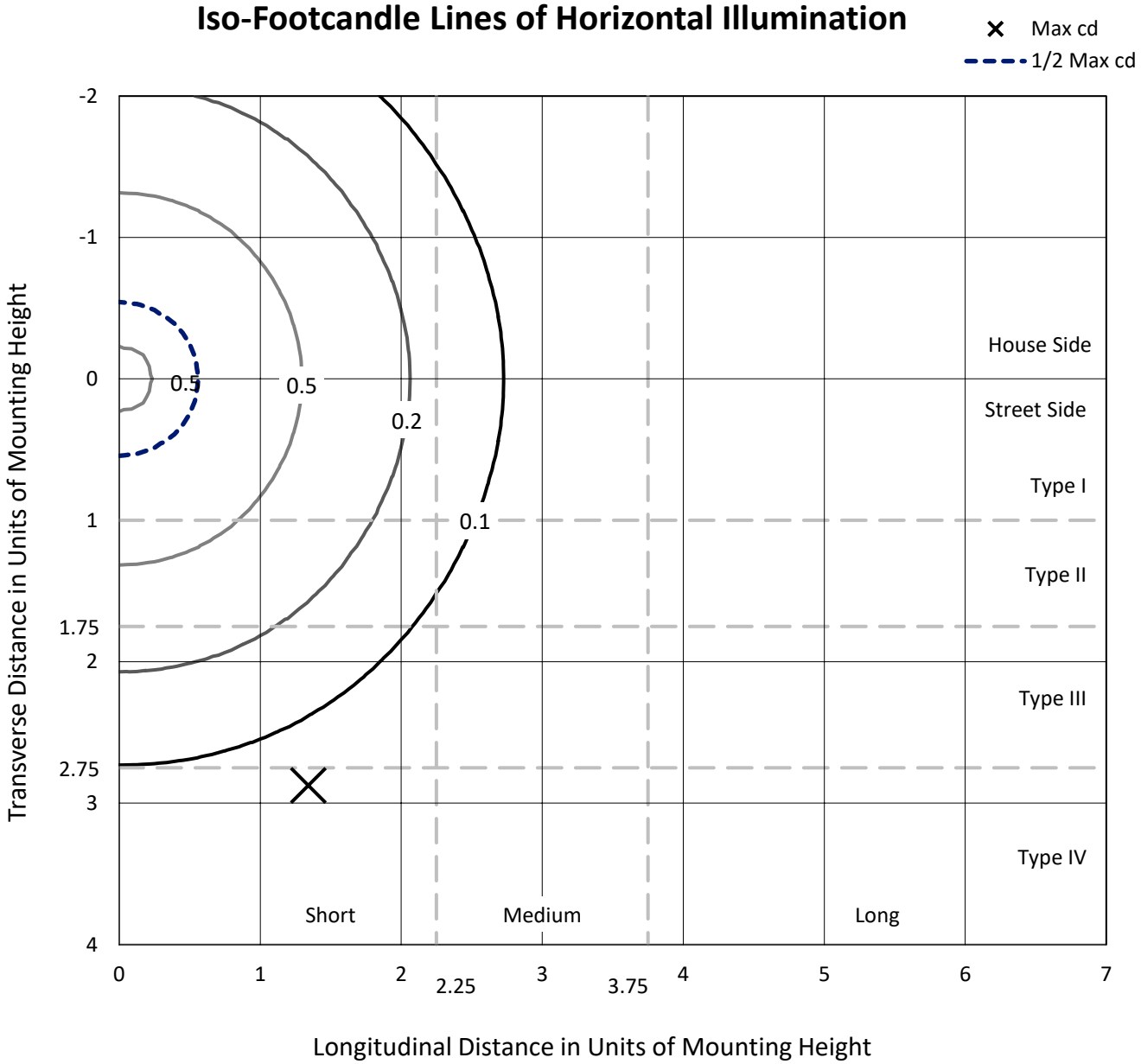


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REPORT NUMBER: P981251
CATALOG NUMBER: FFX-CLB-30-730-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



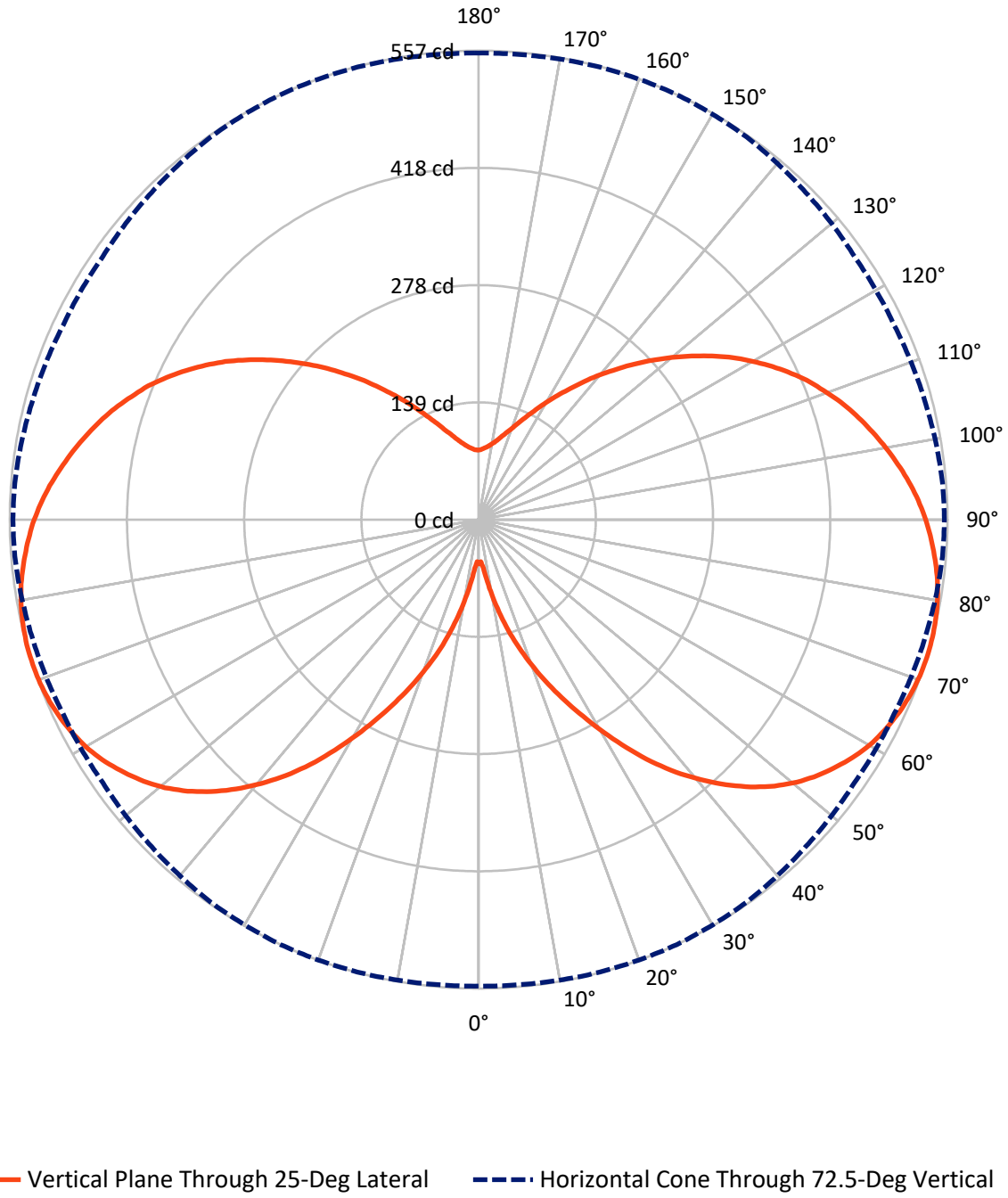
Based on 15 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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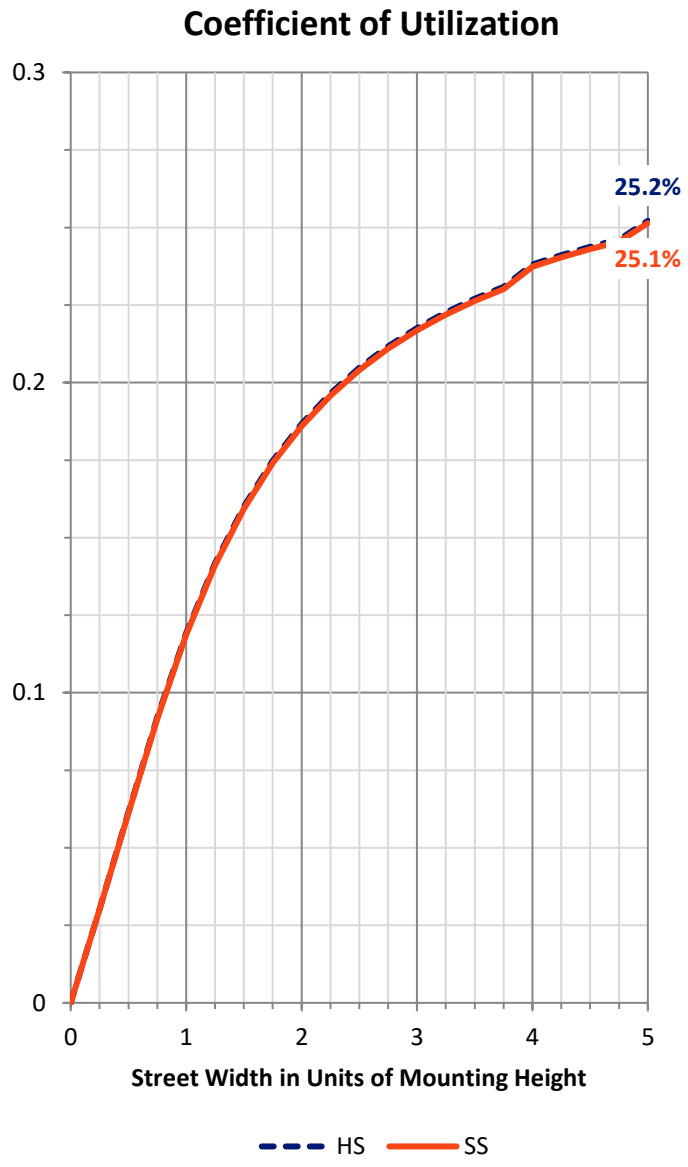
REPORT NUMBER: P981251
CATALOG NUMBER: FFX-CLB-30-730-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1444.3	1080.1	2524.5
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	1444.3	1080.1	2524.5
	% Fixture	28.6	21.4	50.0
Total	Lumens	2888.6	2160.3	5048.9
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.8	0.1
10°-20°	41.1	0.8
20°-30°	111.2	2.2
30°-40°	219.5	4.3
40°-50°	345.8	6.8
50°-60°	458.2	9.1
60°-70°	538.7	10.7
70°-80°	582.0	11.5
80°-90°	585.6	11.6
90°-100°	551.4	10.9
100°-110°	487.3	9.7
110°-120°	401.8	8.0
120°-130°	300.3	5.9
130°-140°	200.5	4.0
140°-150°	119.1	2.4
150°-160°	62.7	1.2
160°-170°	28.9	0.6
170°-180°	8.3	0.2
0°-90°	2888.6	57.2
0°-180°	5048.9	100.0



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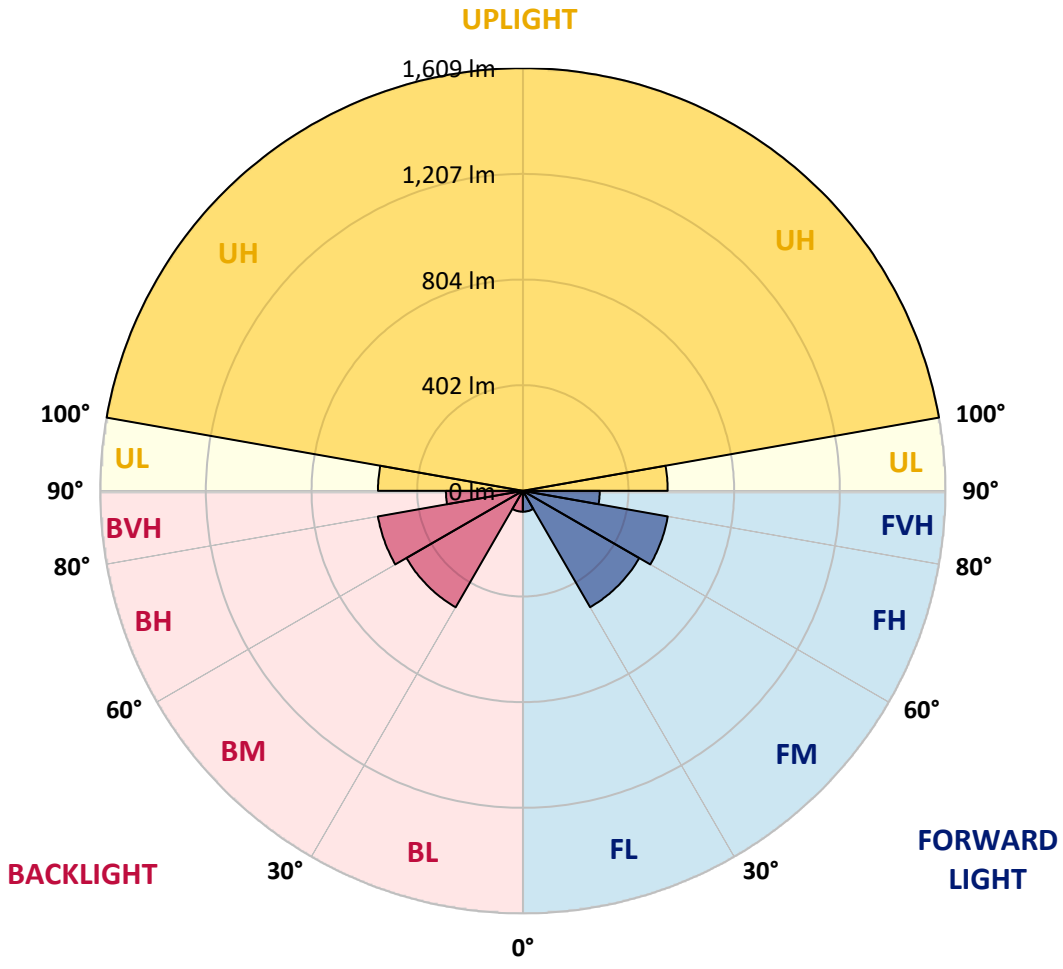
Scaled Data Report

REPORT NUMBER: P981251
CATALOG NUMBER: FFX-CLB-30-730-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	79.5	1.6			
FM	(30°-60°)	511.7	10.1			
FH	(60°-80°)	560.3	11.1			G0/660
FVH	(80°-90°)	292.8	5.8			G3/500
BL	(0°-30°)	79.5	1.6	B0/110		
BM	(30°-60°)	511.7	10.1	B1/1000		
BH	(60°-80°)	560.3	11.1	B2/1000		G0/660
BVH	(80°-90°)	292.8	5.8			G3/500
UL	(90°-100°)	551.4	10.9		U4/1000	
UH	(100°-180°)	1608.9	31.9		U5	

BUG Rating: B2-U5-G3
Type V Short



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Scaled Data Report

REPORT NUMBER: P981251
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
2.5°	49.3	49.3	49.6	49.9	50.2	50.6	50.9	51.2	51.5	51.2	51.2
5°	56.9	57.5	57.5	57.5	57.2	57.5	58.1	58.1	58.8	58.5	58.1
7.5°	73.0	74.6	74.6	74.3	73.9	74.3	73.9	73.9	73.9	73.6	74.3
10°	95.1	94.5	94.8	94.5	93.8	94.2	94.5	93.8	93.8	93.8	93.8
12.5°	116.6	116.3	117.2	116.9	117.2	116.3	116.9	116.3	116.3	115.3	115.6
15°	141.9	141.9	141.6	140.6	140.9	139.7	140.3	140.0	139.0	139.0	138.7
17.5°	165.3	164.9	165.3	164.0	164.0	163.7	163.0	162.7	162.7	161.8	161.5
20°	188.6	188.0	187.7	187.7	186.7	186.7	186.1	184.8	184.2	184.5	183.9
22.5°	213.9	212.7	212.7	212.7	210.8	210.1	209.8	208.5	208.5	207.6	207.6
25°	239.2	239.5	239.5	238.2	237.3	236.0	235.4	234.5	233.5	233.2	233.5
27.5°	267.0	267.6	266.7	264.5	264.2	262.9	261.3	260.0	260.4	258.8	260.0
30°	297.3	296.1	294.2	293.5	292.3	291.0	289.7	287.2	287.5	286.9	287.2
32.5°	325.1	325.1	324.5	322.6	321.7	318.8	317.6	314.4	314.7	314.4	313.1
35°	355.5	354.5	353.3	352.9	349.8	347.9	345.7	342.2	342.8	342.5	342.8
37.5°	381.1	381.4	382.0	380.4	377.6	375.1	372.5	370.0	369.4	369.7	369.1
40°	408.9	408.6	407.9	406.0	403.8	401.0	397.8	396.2	394.3	395.6	395.3
42.5°	431.6	432.6	432.3	430.4	427.5	424.7	422.1	419.6	418.7	418.4	418.4
45°	453.7	454.1	453.1	452.8	449.0	446.5	443.3	441.1	440.5	440.5	441.4
47.5°	474.3	474.0	473.3	472.7	469.9	466.1	462.3	460.7	460.4	461.0	461.3
50°	490.7	491.3	491.0	490.1	487.2	483.8	479.7	478.1	478.4	479.0	479.3
52.5°	505.6	505.6	505.9	504.6	502.1	498.3	494.5	493.2	493.2	494.2	493.6
55°	516.9	517.6	517.9	516.9	515.4	510.9	507.1	504.9	505.9	506.8	507.1
57.5°	527.7	528.3	528.3	528.3	525.8	521.7	517.9	516.0	517.3	518.8	519.1
60°	536.2	536.5	537.5	537.5	535.3	530.5	526.4	524.8	526.4	528.6	528.3
62.5°	542.5	542.5	543.8	544.1	541.9	537.2	533.1	531.8	533.7	536.2	537.2
65°	547.9	548.2	549.2	549.5	547.6	542.2	537.8	537.5	540.0	542.5	542.8
67.5°	550.7	551.1	552.6	553.3	551.1	545.7	541.6	540.6	544.1	547.3	547.6
70°	552.6	553.3	555.2	555.8	553.6	547.9	543.5	543.2	547.0	550.4	550.7
72.5°	553.9	554.2	556.1	556.7	554.5	549.2	544.7	544.7	548.2	552.3	553.0
75°	553.9	554.2	555.8	556.7	554.5	548.8	544.1	544.1	548.8	553.0	553.9
77.5°	551.4	552.3	554.2	555.2	553.0	547.3	542.8	542.8	547.6	552.0	553.0
80°	548.8	549.2	551.4	552.6	550.1	544.7	540.0	540.0	545.1	549.8	550.4
82.5°	544.7	545.1	547.3	548.5	546.3	540.6	535.9	536.2	540.9	545.7	546.3
85°	539.1	539.7	541.9	542.8	540.9	534.9	530.5	530.8	535.9	540.3	540.9
87.5°	533.1	533.1	535.6	536.5	534.6	528.6	524.2	524.2	529.3	534.0	534.3
90°	524.8	525.5	527.7	529.3	526.7	521.7	516.9	516.9	521.7	526.1	527.4
92.5°	517.3	517.6	519.8	520.7	518.5	513.1	509.0	509.0	513.8	518.2	518.8
95°	508.1	508.1	509.7	510.9	508.4	504.0	500.2	500.2	504.0	507.8	508.4
97.5°	498.3	498.3	500.2	499.9	498.0	493.2	490.1	489.8	493.6	496.7	497.7
100°	487.2	487.9	489.1	488.8	487.2	482.5	479.7	479.7	482.5	485.3	486.0
102.5°	476.5	476.5	477.1	476.8	474.6	470.5	468.9	468.6	471.1	473.0	473.3
105°	465.4	465.4	464.8	464.8	462.0	458.8	456.9	456.9	459.1	460.4	460.4
107.5°	452.8	452.2	452.8	451.8	449.0	445.8	444.9	444.6	445.5	446.8	446.2
110°	439.8	439.5	439.2	437.3	435.1	433.2	431.6	431.6	432.6	432.9	432.9

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REPORT NUMBER: P981251
CATALOG NUMBER: FFX-CLB-30-730-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	426.3	425.9	425.0	*423.4*	420.9	419.0	417.7	417.7	418.0	417.7	417.1
115°	411.4	410.8	409.8	*407.0*	404.4	403.2	402.6	403.2	402.9	401.9	401.9
117.5°	395.3	394.7	393.1	*389.9*	387.7	386.8	387.1	386.8	386.1	385.2	385.5
120°	377.3	377.3	374.7	*372.2*	370.3	370.3	370.0	370.0	369.1	367.8	367.2
122.5°	358.6	358.6	356.4	*354.2*	352.0	352.0	352.3	352.0	351.4	350.1	349.5
125°	340.6	339.0	337.1	*334.6*	333.0	332.7	333.7	334.0	332.7	331.1	331.5
127.5°	320.7	319.8	317.9	*315.0*	313.8	313.4	314.4	315.0	313.4	312.5	312.2
130°	299.9	299.2	297.6	*295.4*	294.2	294.5	295.4	296.4	294.8	293.9	293.2
132.5°	279.3	279.3	278.4	*276.2*	274.6	275.8	276.5	277.1	275.5	275.2	274.9
135°	260.7	260.4	258.5	*257.2*	255.9	256.3	257.5	257.2	256.9	256.3	255.6
137.5°	241.4	241.4	240.5	*238.2*	238.2	238.6	239.2	239.2	239.5	238.2	238.6
140°	223.4	223.1	222.4	*220.9*	219.9	220.6	221.2	221.5	221.5	220.2	220.6
142.5°	206.3	206.0	204.1	*203.2*	203.2	203.5	203.8	204.1	204.1	203.5	203.8
145°	188.0	188.6	187.7	*186.7*	186.7	186.7	187.7	188.0	188.3	187.7	187.7
147.5°	172.8	173.5	172.5	*171.9*	171.9	171.9	172.5	172.8	172.2	172.5	172.5
150°	158.6	158.6	158.0	*157.7*	157.4	157.7	158.3	158.6	158.6	158.0	158.0
152.5°	145.0	144.7	144.4	*144.4*	144.4	144.4	145.0	145.0	145.3	145.3	144.7
155°	133.3	133.0	133.0	*132.7*	133.0	133.0	133.0	133.3	133.3	133.7	134.0
157.5°	122.6	122.3	122.6	*122.6*	122.6	122.9	122.9	123.2	122.6	122.9	123.2
160°	113.8	114.1	113.8	*113.4*	113.4	113.8	113.8	114.1	114.1	113.8	114.1
162.5°	106.2	106.2	105.9	*106.2*	106.5	106.2	106.2	106.5	106.5	106.5	106.5
165°	100.2	99.8	99.8	*99.8*	99.8	99.8	100.2	100.2	100.2	100.2	100.5
167.5°	94.8	94.5	94.5	*94.5*	94.8	94.8	94.8	95.1	95.1	95.1	94.8
170°	90.7	90.4	90.4	*90.4*	90.7	90.7	90.7	90.7	90.7	90.7	90.7
172.5°	87.2	87.2	87.2	*87.2*	87.2	87.2	87.2	87.2	87.2	87.5	87.2
175°	85.0	85.0	85.0	*85.0*	84.7	84.7	85.0	85.0	85.0	85.0	85.0
177.5°	83.1	83.1	83.4	*83.1*	83.1	83.1	83.4	83.4	83.4	83.1	83.1
180°	82.5	82.5	82.5	*82.5*	82.5	82.5	82.5	82.5	82.5	82.5	82.5

Cooper Lighting Solutions Photometric Lab
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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: SP1-2501-332-4

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

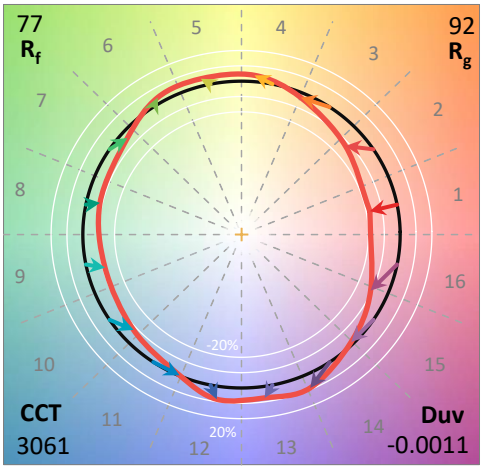
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-4
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-100-730-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3061	CRI (Ra):	71.7		
CIE u':	0.2489	R1:	67.8	R9:	-40.3
CIE v':	0.5187	R2:	85.0	R10:	67.2
Duv:	-0.0011	R3:	92.9	R11:	61.6
CIE x:	0.4312	R4:	66.0	R12:	59.9
CIE y:	0.3995	R5:	68.5	R13:	71.4
CIE z:	0.1693	R6:	80.2	R14:	96.3
Peak Wavelength (nm):	592	R7:	74.5	R15:	58.8
Dominant Wavelength (nm):	582	R8:	39.0		
Purity:	49.32381				

Rf:	76.8
Rg:	92.2



Test Conditions

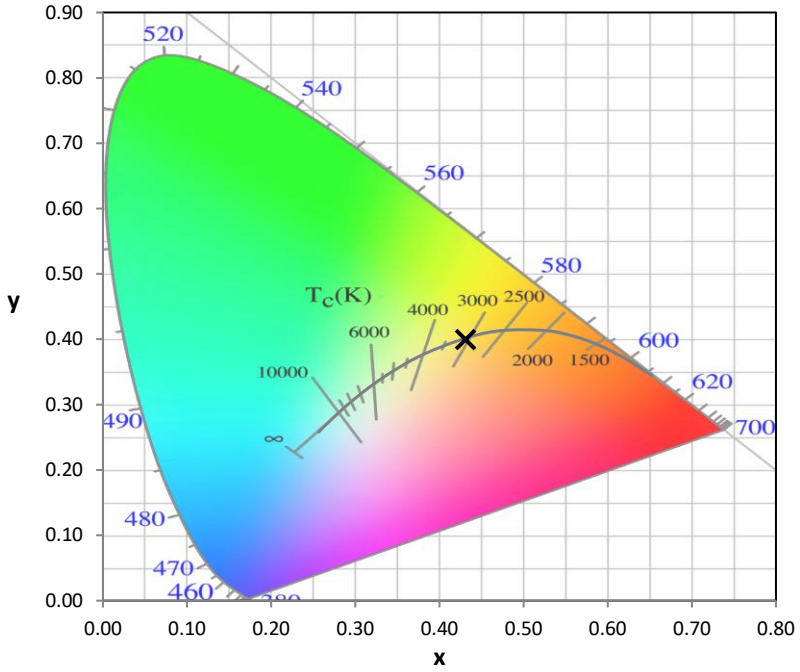
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

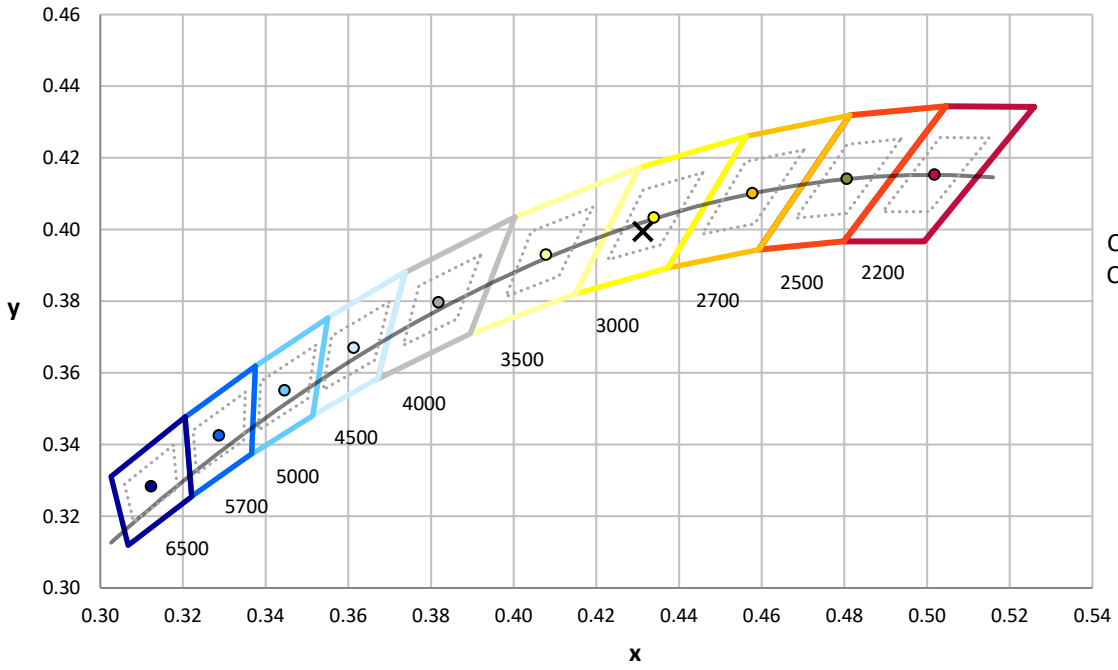
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2501-332-4

CIE 1931 Chromaticity Diagram



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

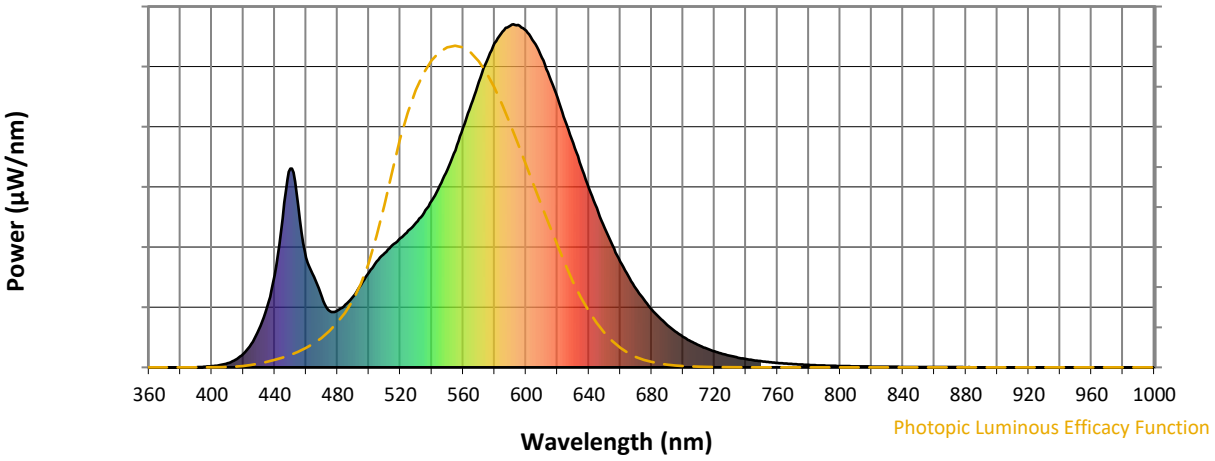


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

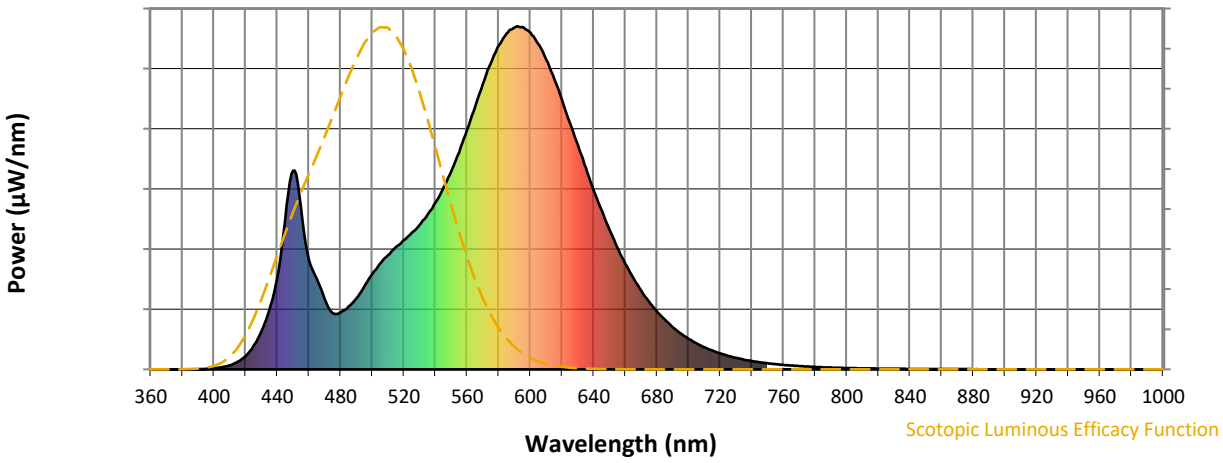


Photopic Lumens: NR

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

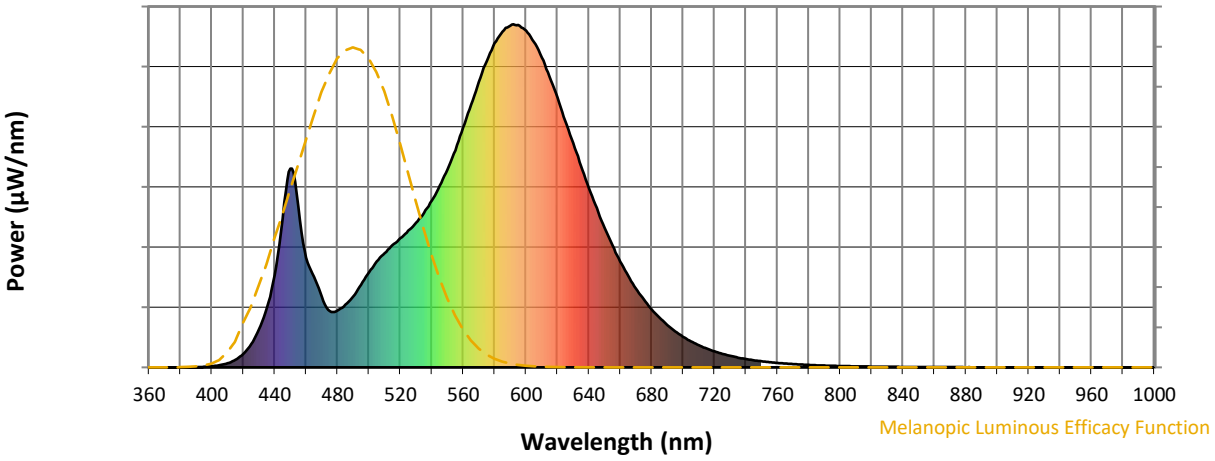


Scotopic Lumens: NR **S/P: 1.29**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.47**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

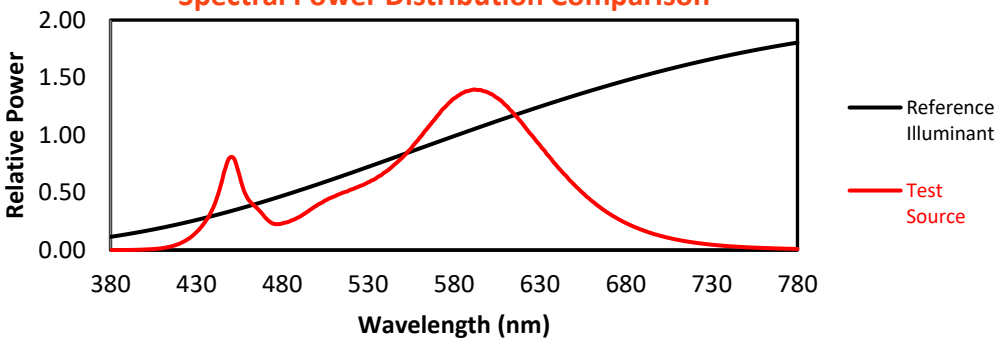
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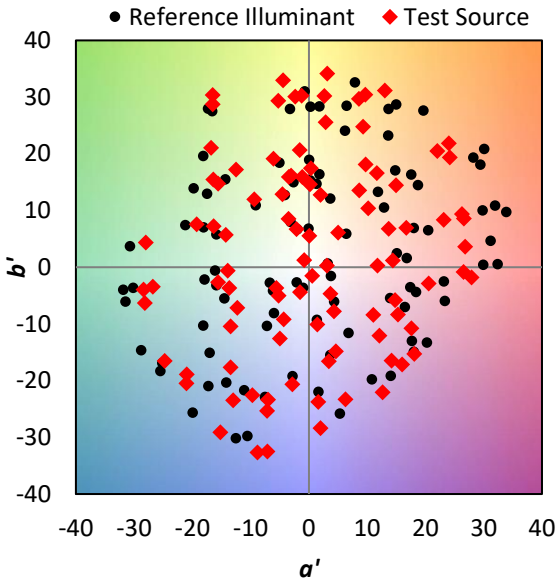
Summary

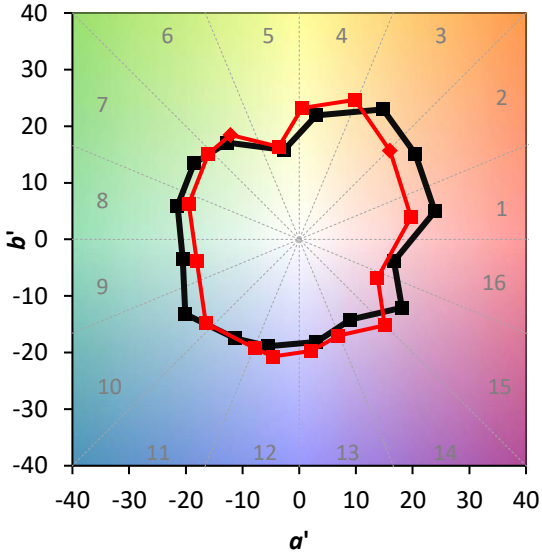
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

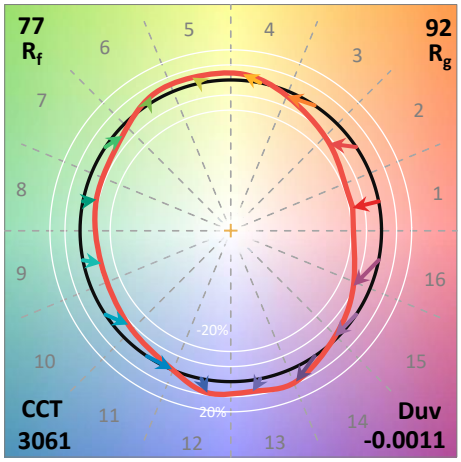
Spectral Power Distribution Comparison

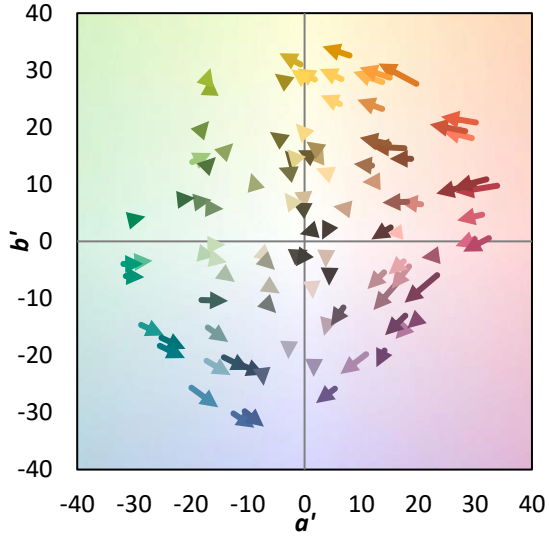


Color Vector Graphics







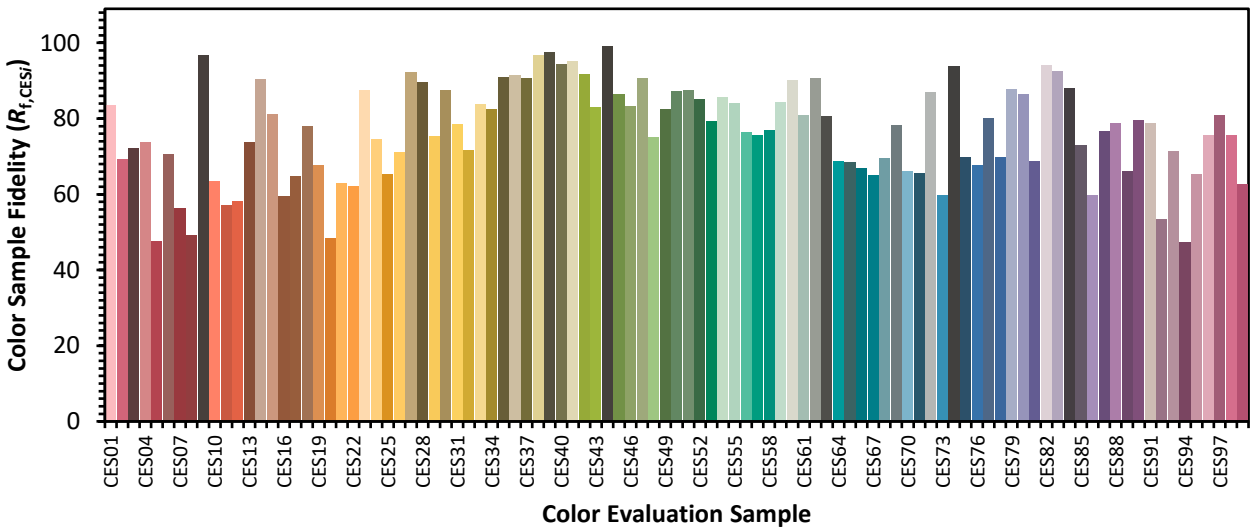


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Individual Sample Fidelity Index ($R_{f,i}$)

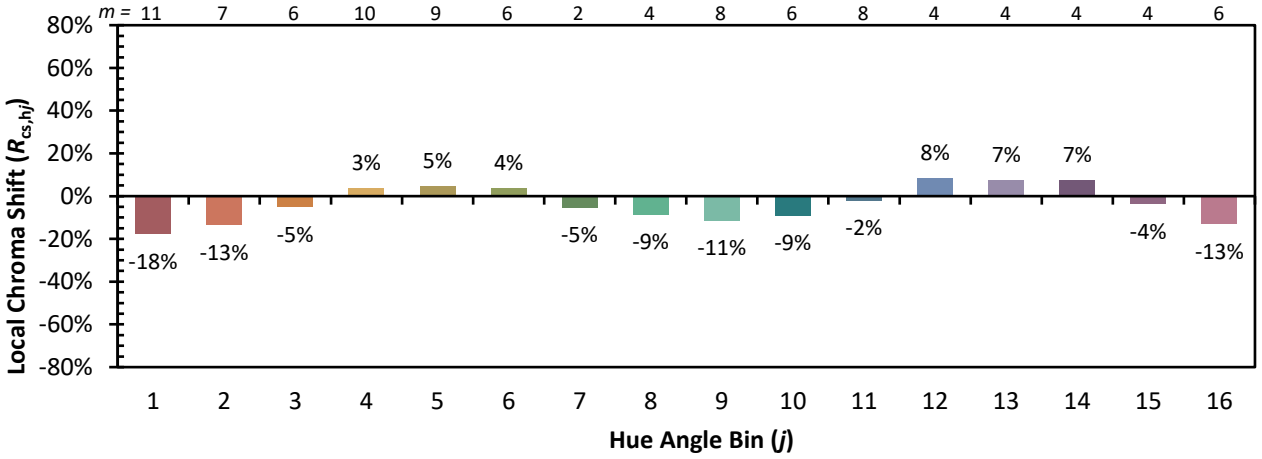
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 40	CES33 = 84	CES58 = 77	CES83 = 92
CES09 = 29	CES34 = 83	CES59 = 84	CES84 = 88
CES10 = 76	CES35 = 91	CES60 = 90	CES85 = 73
CES11 = 59	CES36 = 92	CES61 = 81	CES86 = 60
CES12 = 65	CES37 = 91	CES62 = 91	CES87 = 77
CES13 = 43	CES38 = 97	CES63 = 81	CES88 = 79
CES14 = 74	CES39 = 98	CES64 = 69	CES89 = 66
CES15 = 71	CES40 = 94	CES65 = 69	CES90 = 80
CES16 = 47	CES41 = 95	CES66 = 67	CES91 = 79
CES17 = 50	CES42 = 92	CES67 = 65	CES92 = 53
CES18 = 56	CES43 = 83	CES68 = 70	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 78	CES94 = 47
CES20 = 66	CES45 = 87	CES70 = 66	CES95 = 65
CES21 = 87	CES46 = 83	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 91	CES72 = 87	CES97 = 81
CES23 = 92	CES48 = 75	CES73 = 60	CES98 = 76
CES24 = 91	CES49 = 83	CES74 = 94	CES99 = 63
CES25 = 73	CES50 = 87	CES75 = 70	

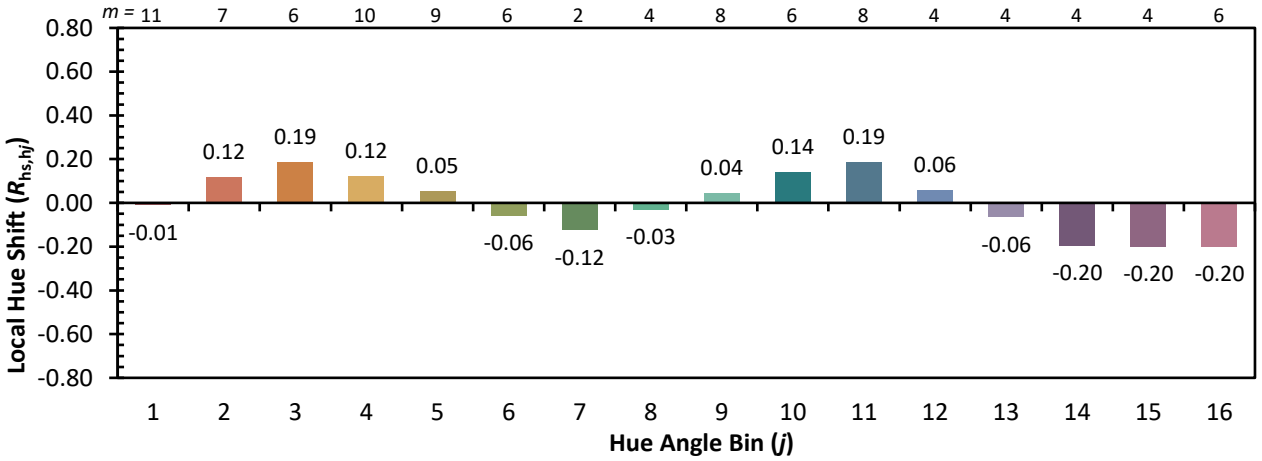


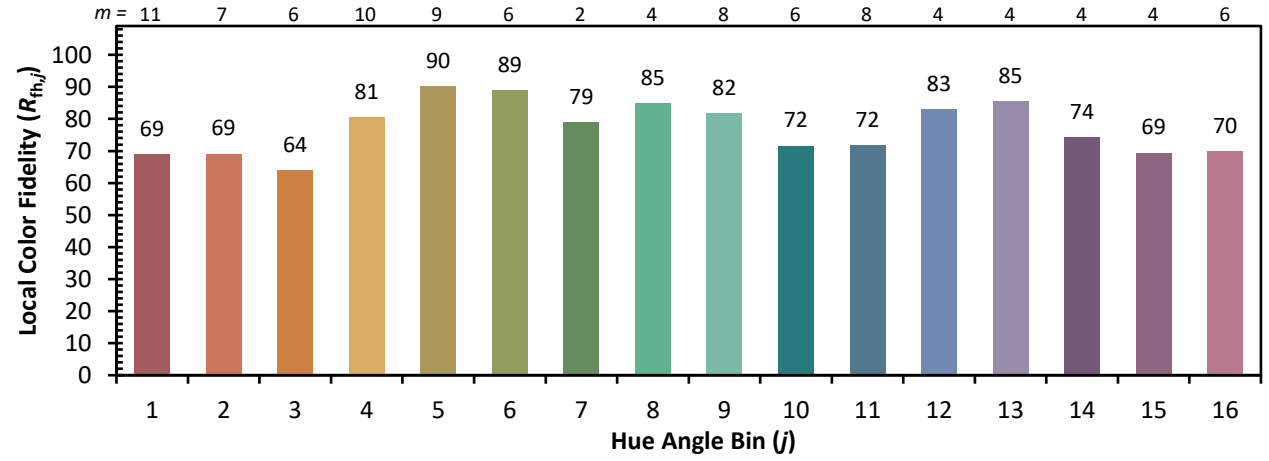
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Color Rendition by Hue-Angle Bin



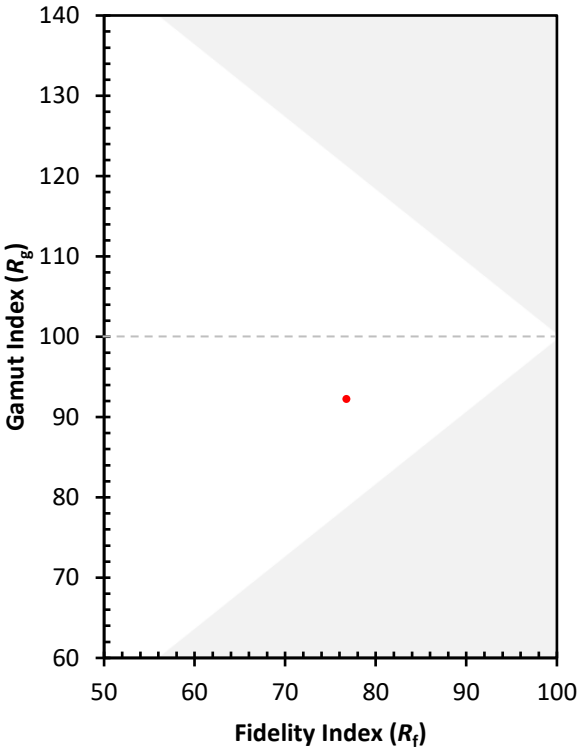


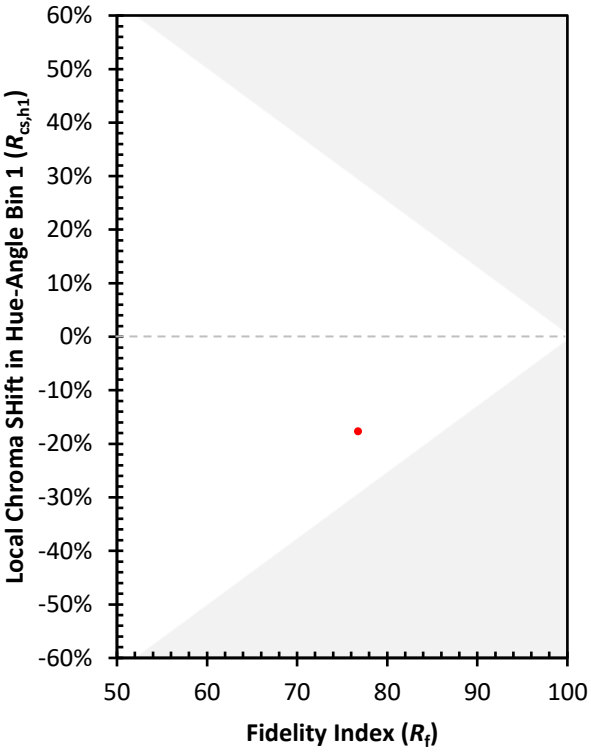


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Measure Comparisons





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