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: P981305

Luminaire Tested: **FFX-CLB-30-740-U-VM9-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:	P981305
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-740-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5355.1 lumens
Efficiency:	N/A
Efficacy:	175.0 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

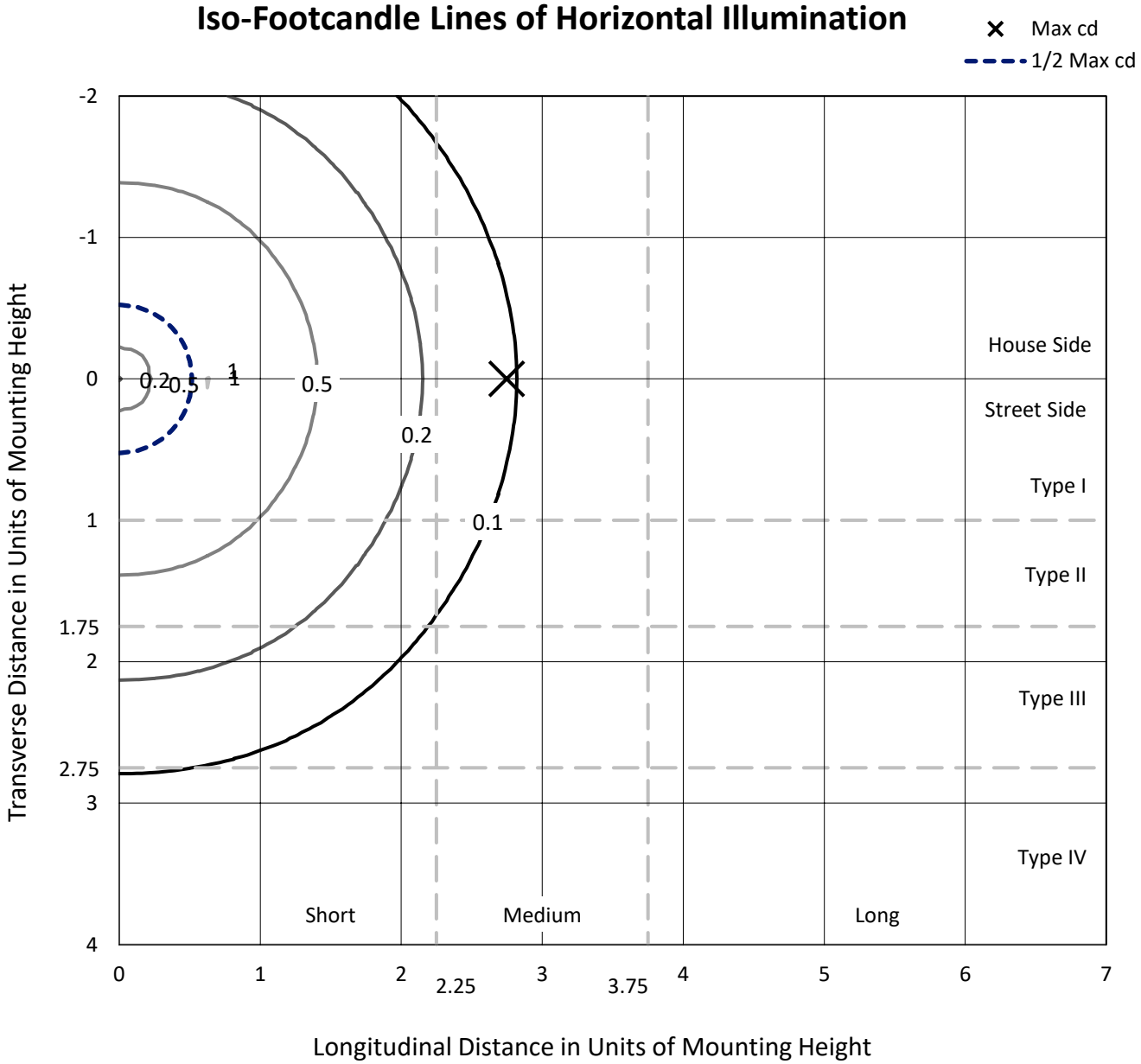


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REPORT NUMBER: P981305
CATALOG NUMBER: FFX-CLB-30-740-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



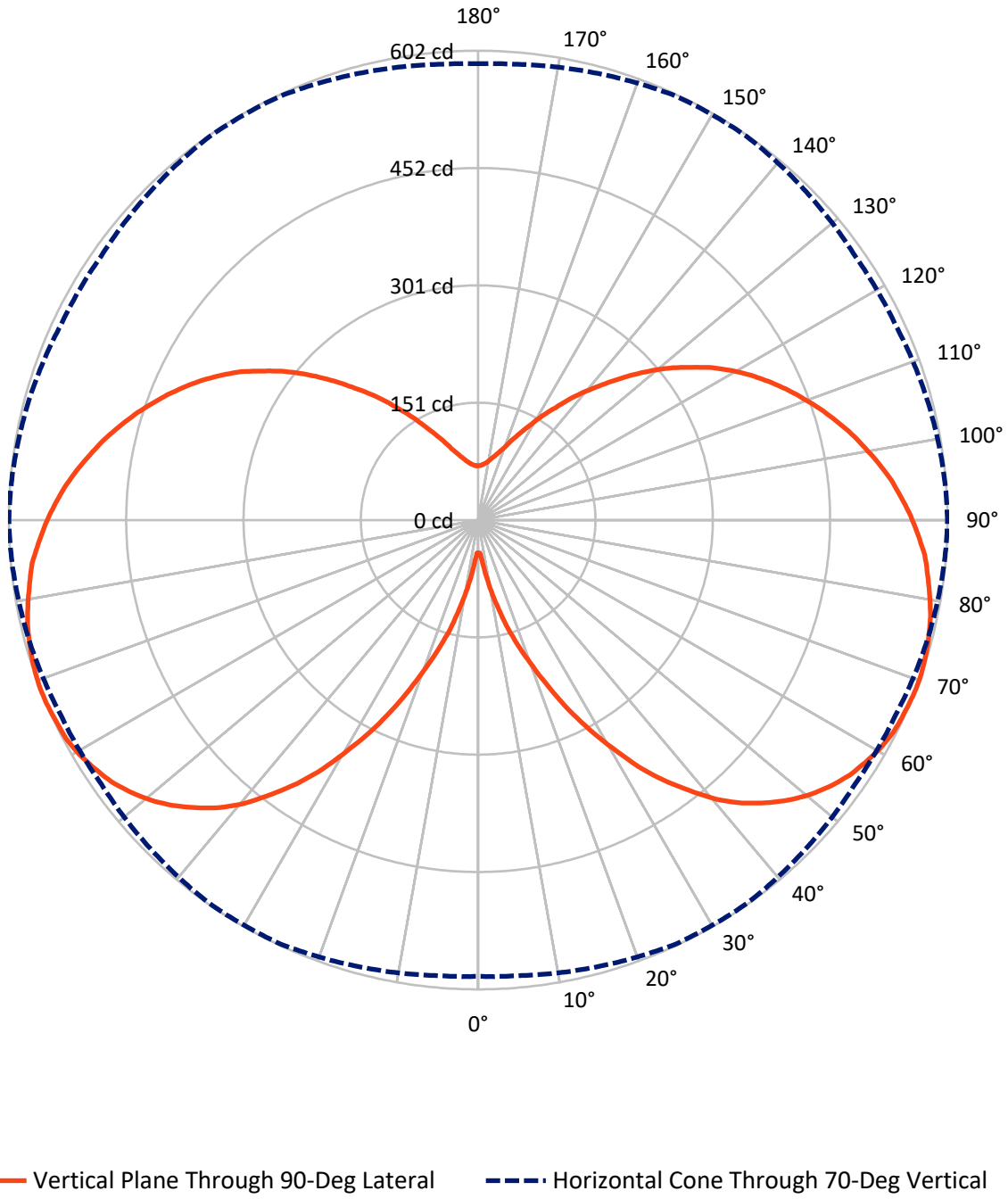
Based on 15 foot mounting height. Maximum calculated value = 1 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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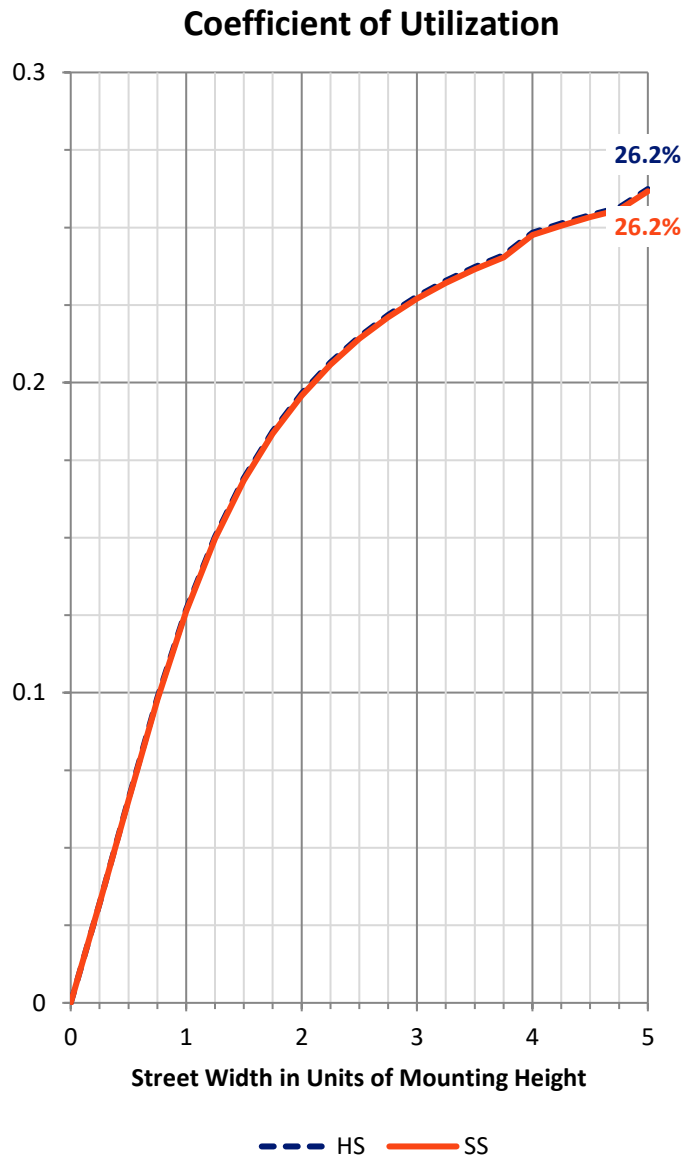
REPORT NUMBER: P981305
CATALOG NUMBER: FFX-CLB-30-740-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1585.3	1092.3	2677.6
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	1585.3	1092.3	2677.6
	% Fixture	29.6	20.4	50.0
Total	Lumens	3170.6	2184.6	5355.1
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.3	0.1
10°-20°	42.8	0.8
20°-30°	125.7	2.3
30°-40°	255.6	4.8
40°-50°	396.5	7.4
50°-60°	512.1	9.6
60°-70°	588.8	11.0
70°-80°	624.0	11.7
80°-90°	618.8	11.6
90°-100°	575.2	10.7
100°-110°	501.5	9.4
110°-120°	409.5	7.6
120°-130°	303.6	5.7
130°-140°	196.5	3.7
140°-150°	111.2	2.1
150°-160°	55.4	1.0
160°-170°	24.6	0.5
170°-180°	7.0	0.1
0°-90°	3170.6	59.2
0°-180°	5355.1	100.0



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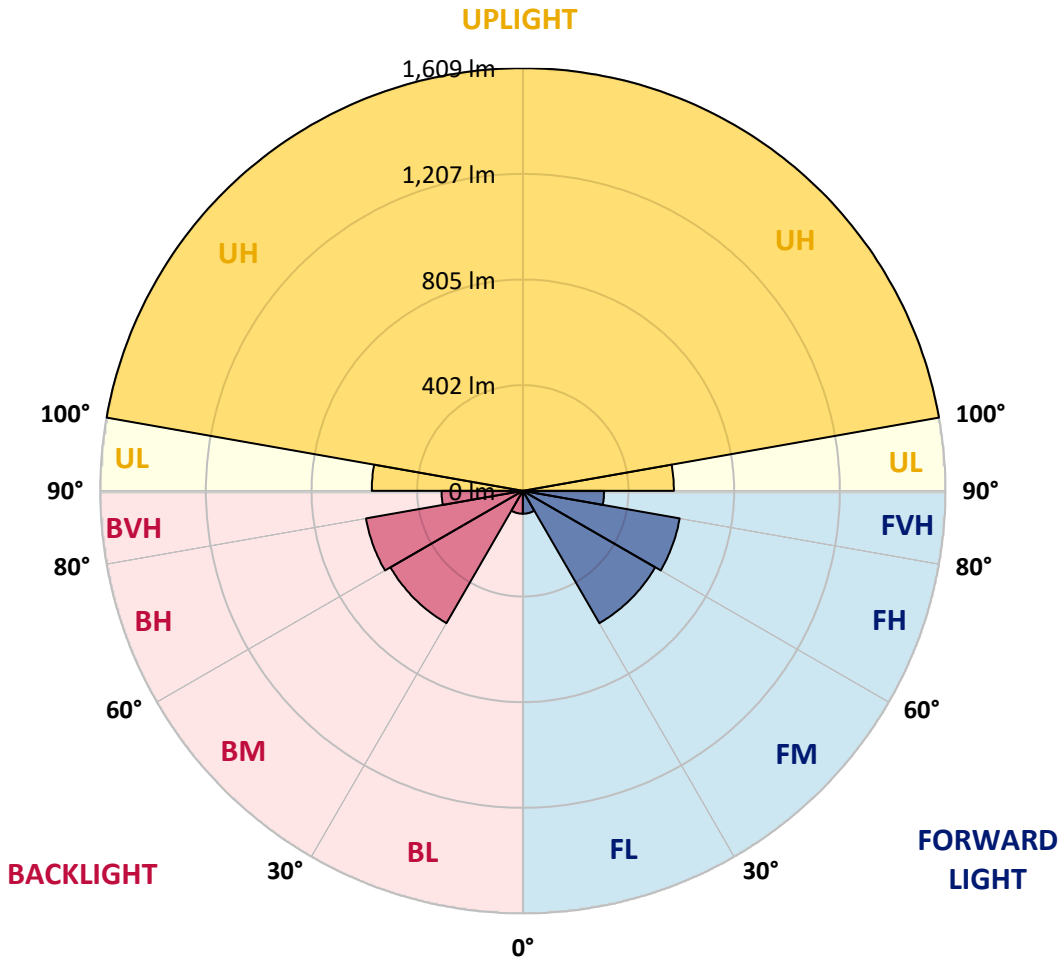
Scaled Data Report

REPORT NUMBER: P981305
CATALOG NUMBER: FFX-CLB-30-740-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	87.4	1.6			
FM	(30°-60°)	582.1	10.9			
FH	(60°-80°)	606.4	11.3			G0/660
FVH	(80°-90°)	309.4	5.8			G3/500
BL	(0°-30°)	87.4	1.6	B0/110		
BM	(30°-60°)	582.1	10.9	B1/1000		
BH	(60°-80°)	606.4	11.3	B2/1000		G0/660
BVH	(80°-90°)	309.4	5.8			G3/500
UL	(90°-100°)	575.2	10.7		U4/1000	
UH	(100°-180°)	1609.4	30.1		U5	

BUG Rating: B2-U5-G3
Type V Short



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REPORT NUMBER: P981305
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	*42.6*
2.5°	42.6	42.6	42.6	42.6	42.3	42.3	42.3	42.3	42.3	42.3	*42.3*
5°	52.6	52.2	52.2	52.6	52.6	52.6	52.2	52.6	51.9	51.6	*52.2*
7.5°	70.5	70.5	70.5	70.5	69.9	69.9	70.9	70.2	70.5	70.2	*70.9*
10°	92.2	92.2	91.8	92.5	92.8	92.5	92.2	93.2	92.5	92.5	*93.2*
12.5°	116.8	117.1	117.1	117.5	118.1	117.1	118.1	118.1	118.1	117.5	*117.1*
15°	145.1	144.7	145.4	145.1	143.7	145.1	145.4	144.7	145.1	145.4	*145.7*
17.5°	171.4	171.0	171.4	171.0	172.4	172.7	172.4	172.4	172.4	172.7	*172.0*
20°	200.3	200.6	199.6	200.6	200.6	201.3	202.6	202.3	202.6	201.6	*200.6*
22.5°	231.9	232.3	231.3	230.9	232.9	232.6	232.6	233.6	234.2	234.2	*233.6*
25°	265.9	265.2	265.2	266.2	266.2	265.9	267.5	268.2	267.9	268.9	*269.5*
27.5°	299.8	299.1	299.1	300.5	300.5	300.5	300.5	303.5	303.8	304.5	*304.8*
30°	332.7	335.1	335.1	334.4	335.4	337.1	338.1	338.1	339.1	339.1	*339.4*
32.5°	368.7	368.7	369.3	370.3	370.3	373.3	371.7	374.3	373.7	375.7	*377.0*
35°	402.6	403.3	403.3	405.3	405.3	405.9	406.3	407.9	410.3	409.9	*410.3*
37.5°	434.2	433.9	433.2	436.2	436.9	436.6	436.9	439.5	440.2	441.2	*440.5*
40°	463.2	462.2	463.8	465.5	465.5	466.2	466.8	468.2	469.5	470.2	*471.2*
42.5°	487.5	487.1	488.8	490.1	490.5	490.8	490.8	491.8	495.1	496.1	*496.8*
45°	508.8	508.4	510.4	512.1	513.1	513.1	512.1	513.4	516.4	517.4	*517.7*
47.5°	527.1	527.4	530.1	532.1	532.7	531.7	531.1	532.4	534.7	537.4	*537.0*
50°	542.4	542.7	545.7	549.0	549.4	548.4	546.7	547.7	551.0	553.0	*553.3*
52.5°	555.3	555.7	559.3	562.7	563.0	561.3	559.3	561.0	564.0	566.3	*567.0*
55°	565.7	566.7	570.3	574.0	575.0	572.6	570.0	571.0	574.3	578.0	*578.3*
57.5°	573.3	573.6	578.3	582.3	583.6	580.3	578.3	578.3	582.3	585.6	*586.3*
60°	578.6	580.0	585.3	589.9	590.6	587.6	584.0	584.6	589.0	592.6	*593.6*
62.5°	583.3	584.6	589.6	595.3	595.9	591.9	588.3	588.6	593.6	597.3	*598.6*
65°	585.6	586.6	592.6	598.3	598.9	594.9	590.6	590.9	595.6	599.9	*600.3*
67.5°	586.3	587.3	593.6	600.3	600.6	596.3	591.3	592.3	596.9	601.3	*601.9*
70°	*585.6*	*587.0*	*593.3*	*600.3*	*600.9*	*595.6*	*590.6*	*591.3*	*596.6*	*600.9*	*602.3*
72.5°	583.3	585.0	591.3	598.6	598.9	593.9	589.0	589.0	594.9	599.6	*600.3*
75°	580.3	582.0	589.0	596.3	596.6	591.3	586.0	586.6	592.3	596.6	*597.3*
77.5°	577.0	578.0	585.0	592.6	593.3	587.6	582.3	583.0	588.3	592.9	*593.6*
80°	571.6	572.6	580.0	587.3	588.0	582.3	576.6	578.0	583.3	587.6	*587.6*
82.5°	565.3	566.0	573.3	581.3	581.6	576.0	571.0	571.6	577.0	581.3	*581.3*
85°	558.0	559.0	566.3	574.0	574.0	568.7	563.3	564.7	569.7	573.6	*575.0*
87.5°	550.0	550.4	557.7	564.7	565.0	559.7	555.0	556.0	561.0	564.7	*565.0*
90°	540.7	541.4	548.4	555.0	555.3	550.0	545.7	547.0	551.0	554.3	*555.3*
92.5°	530.4	531.4	538.0	544.4	544.0	539.4	535.7	537.4	540.7	544.0	*544.0*
95°	519.7	521.1	526.4	532.4	531.7	527.7	524.7	526.1	529.4	532.1	*532.7*
97.5°	508.4	508.8	514.4	518.7	518.7	515.1	512.8	513.8	517.1	518.7	*519.4*
100°	496.1	496.4	500.8	505.1	505.1	501.8	500.1	501.1	503.8	505.1	*505.4*
102.5°	483.8	483.5	487.1	490.8	490.8	488.1	486.8	488.8	490.1	491.1	*491.8*
105°	469.8	469.5	472.8	476.2	475.5	473.8	472.5	474.2	475.8	476.5	*476.5*
107.5°	454.5	455.9	457.9	460.5	460.2	458.8	458.8	459.8	460.8	461.2	*461.5*
110°	441.5	441.2	443.2	444.5	444.9	444.2	444.9	445.2	445.5	445.5	*445.5*

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CATALOG NUMBER: FFX-CLB-30-740-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	426.6	426.6	427.2	428.2	428.6	428.9	429.2	430.6	429.9	430.2	*429.6*
115°	410.3	410.6	411.3	411.6	412.3	412.6	414.3	414.3	414.6	413.9	*412.9*
117.5°	394.0	394.6	394.3	394.0	395.3	396.3	397.3	398.0	398.0	396.6	*396.0*
120°	376.3	375.7	375.7	375.7	376.7	378.3	379.7	380.0	379.7	378.0	*377.7*
122.5°	357.0	357.7	356.7	357.0	357.4	359.7	360.7	361.4	360.4	358.4	*359.0*
125°	337.1	337.7	336.1	336.1	337.7	338.7	339.7	340.7	339.1	338.1	*337.4*
127.5°	315.8	315.8	315.4	314.4	316.4	317.4	319.4	319.4	318.1	316.8	*317.4*
130°	294.1	293.8	294.5	293.8	294.1	296.1	297.8	297.1	296.5	295.8	*295.8*
132.5°	271.8	272.5	271.8	271.5	273.2	273.8	275.5	276.2	274.8	273.2	*273.8*
135°	250.9	250.6	250.2	250.2	251.2	252.9	253.9	253.5	253.5	252.9	*252.2*
137.5°	229.3	230.3	229.6	229.6	230.3	231.9	233.6	233.3	232.9	231.6	*230.9*
140°	210.0	209.3	209.6	209.6	211.3	211.3	213.0	213.0	212.6	211.6	*212.3*
142.5°	190.7	190.3	191.7	191.0	191.7	193.3	194.0	193.7	193.0	193.3	*193.7*
145°	173.0	173.4	173.0	173.4	174.4	175.4	176.7	176.0	176.0	175.0	*174.7*
147.5°	156.4	156.4	156.1	157.4	157.7	159.0	159.4	159.7	159.0	158.4	*159.4*
150°	141.7	141.4	141.4	141.7	142.4	143.4	144.1	144.1	144.4	143.7	*143.4*
152.5°	128.1	127.4	127.8	128.4	128.8	129.8	129.8	130.4	130.1	129.8	*129.8*
155°	115.8	116.1	116.1	116.5	117.1	117.5	118.1	117.8	118.1	117.8	*117.8*
157.5°	105.8	106.5	106.5	106.8	106.5	106.8	107.1	107.5	107.5	107.5	*107.5*
160°	97.8	97.5	97.5	97.5	97.5	97.8	98.5	98.2	98.5	98.2	*97.8*
162.5°	90.5	90.5	90.5	90.5	90.8	90.8	90.8	91.2	90.8	90.8	*90.8*
165°	84.5	84.8	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	*84.8*
167.5°	79.9	80.2	80.2	80.2	80.2	80.2	80.5	80.2	80.2	80.2	*80.2*
170°	76.2	76.5	76.5	76.2	76.5	76.2	76.2	76.5	76.2	76.2	*76.2*
172.5°	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.2	*73.2*
175°	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	*71.2*
177.5°	69.9	69.9	70.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	*69.9*
180°	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	*69.5*

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: SP1-2501-332-1

Test Date: 03/20/2025

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: v7.04

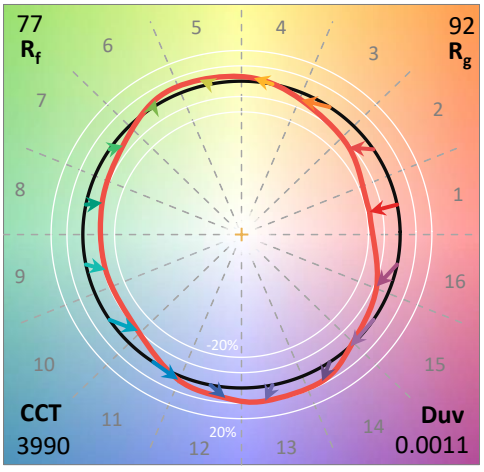
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-1
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-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3990	CRI (Ra):	73.9		
CIE u':	0.2247	R1:	69.6	R9:	-36.4
CIE v':	0.5031	R2:	83.0	R10:	60.9
Duv:	0.0011	R3:	93.1	R11:	66.8
CIE x:	0.3816	R4:	70.6	R12:	52.5
CIE y:	0.3798	R5:	70.6	R13:	72.5
CIE z:	0.2386	R6:	76.4	R14:	96.4
Peak Wavelength (nm):	450	R7:	79.8	R15:	61.3
Dominant Wavelength (nm):	578	R8:	48.1		
Purity:	28.50862				

Rf:	77.5
Rg:	91.9



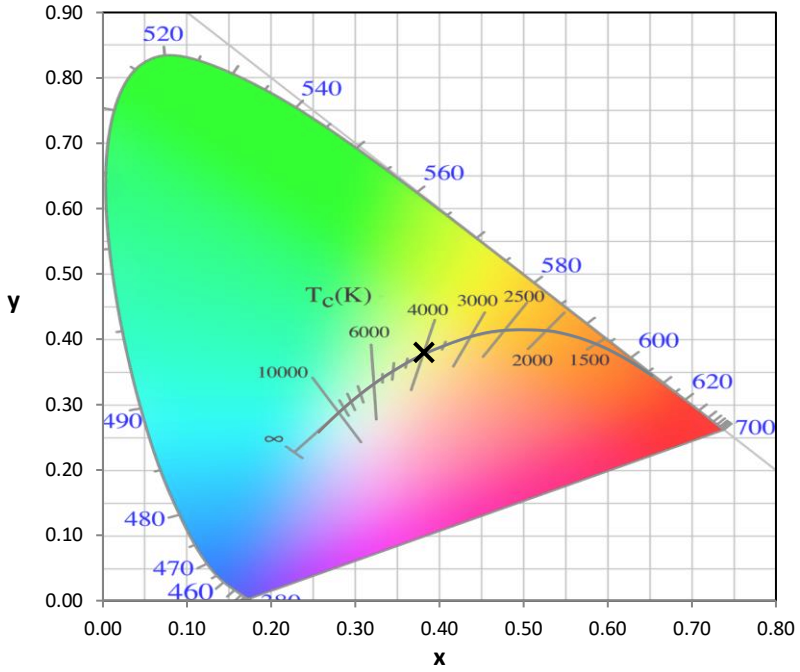
Test Conditions

Stabilization Time:	70M
Operation Time:	2H 10M
Sphere Temperature (°C):	25.0

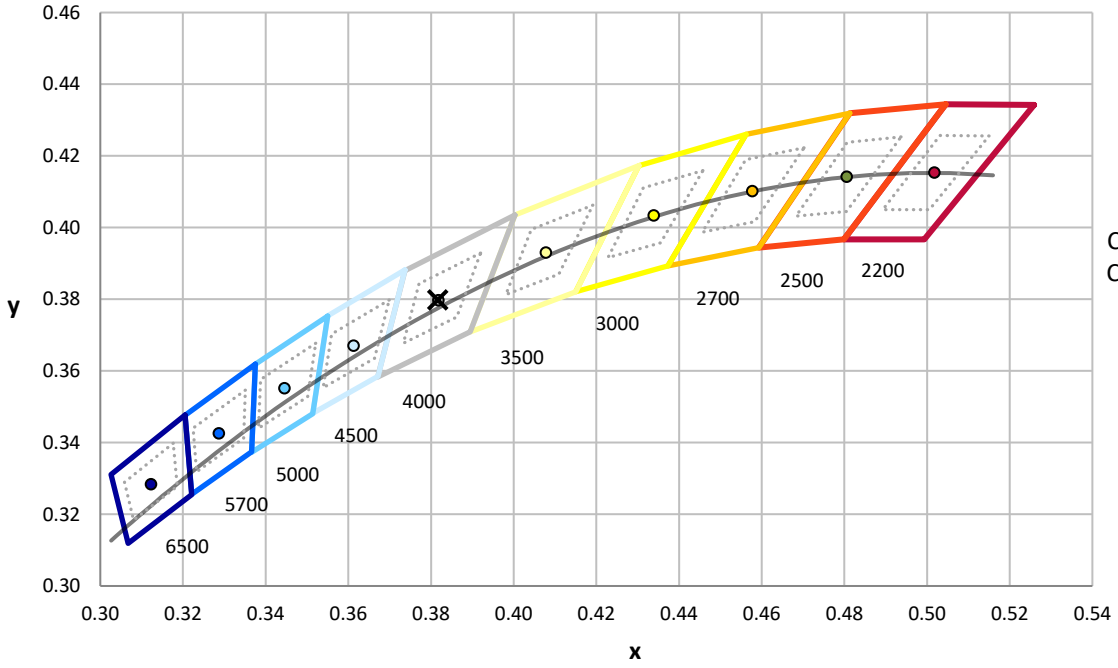
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-1

CIE 1931 Chromaticity Diagram



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

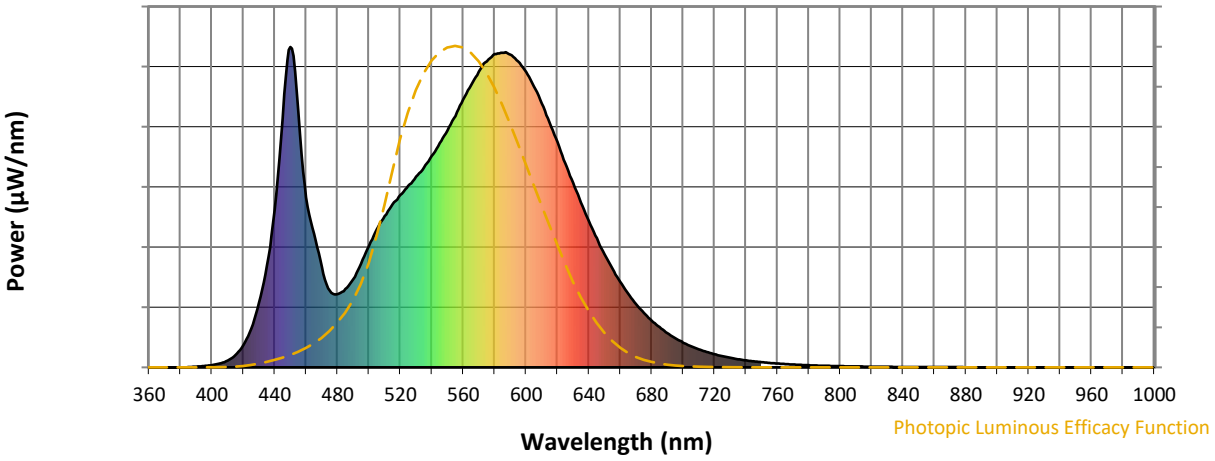


CCT = 3990K
CIE x = 0.3816
CIE y = 0.3798
Duv = 0.0011

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-1

Photopic Flux vs. Wavelength

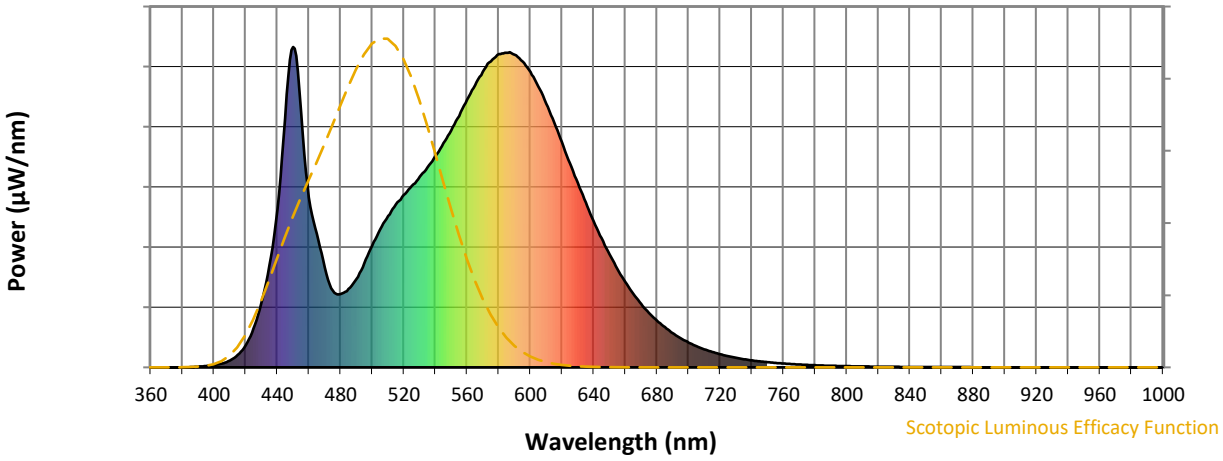


Photopic Lumens: NR

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

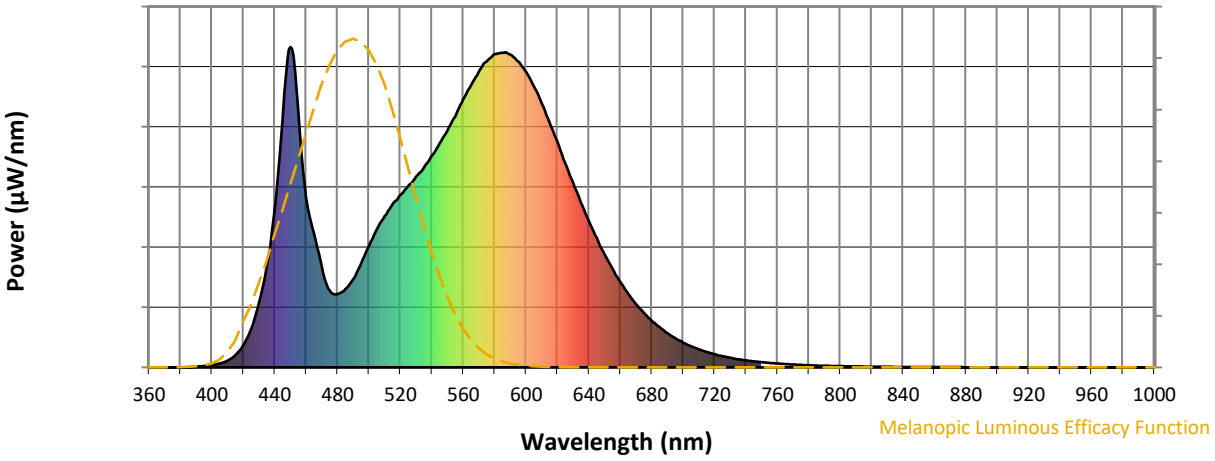


Scotopic Lumens: NR **S/P: 1.59**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.21**

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	275	NR	620	703	NR	750	16	NR	880	1	NR
365	0	NR	495	324	NR	625	637	NR	755	14	NR	885	0	NR
370	0	NR	500	380	NR	630	576	NR	760	12	NR	890	0	NR
375	0	NR	505	431	NR	635	514	NR	765	10	NR	895	0	NR
380	0	NR	510	472	NR	640	456	NR	770	9	NR	900	0	NR
385	1	NR	515	508	NR	645	403	NR	775	8	NR	905	0	NR
390	2	NR	520	538	NR	650	353	NR	780	7	NR	910	0	NR
395	4	NR	525	567	NR	655	307	NR	785	6	NR	915	0	NR
400	7	NR	530	595	NR	660	266	NR	790	5	NR	920	0	NR
405	12	NR	535	624	NR	665	230	NR	795	4	NR	925	0	NR
410	21	NR	540	660	NR	670	198	NR	800	4	NR	930	0	NR
415	39	NR	545	700	NR	675	170	NR	805	3	NR	935	0	NR
420	69	NR	550	739	NR	680	146	NR	810	3	NR	940	0	NR
425	121	NR	555	784	NR	685	125	NR	815	3	NR	945	0	NR
430	202	NR	560	836	NR	690	107	NR	820	2	NR	950	0	NR
435	319	NR	565	881	NR	695	91	NR	825	2	NR	955	0	NR
440	492	NR	570	923	NR	700	77	NR	830	2	NR	960	0	NR
445	777	NR	575	955	NR	705	66	NR	835	1	NR	965	0	NR
450	1000	NR	580	978	NR	710	56	NR	840	1	NR	970	0	NR
455	797	NR	585	982	NR	715	48	NR	845	1	NR	975	0	NR
460	530	NR	590	976	NR	720	41	NR	850	1	NR	980	0	NR
465	418	NR	595	955	NR	725	35	NR	855	1	NR	985	0	NR
470	311	NR	600	922	NR	730	30	NR	860	1	NR	990	0	NR
475	239	NR	605	877	NR	735	25	NR	865	1	NR	995	0	NR
480	229	NR	610	823	NR	740	22	NR	870	1	NR	1000	0	NR
485	245	NR	615	764	NR	745	19	NR	875	1	NR			

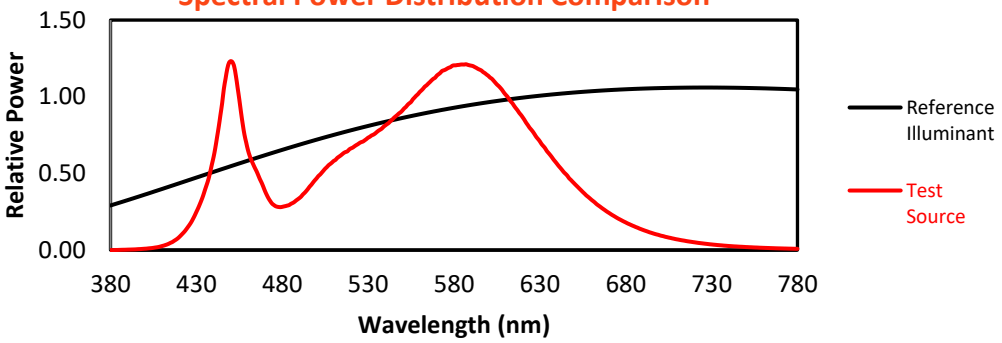
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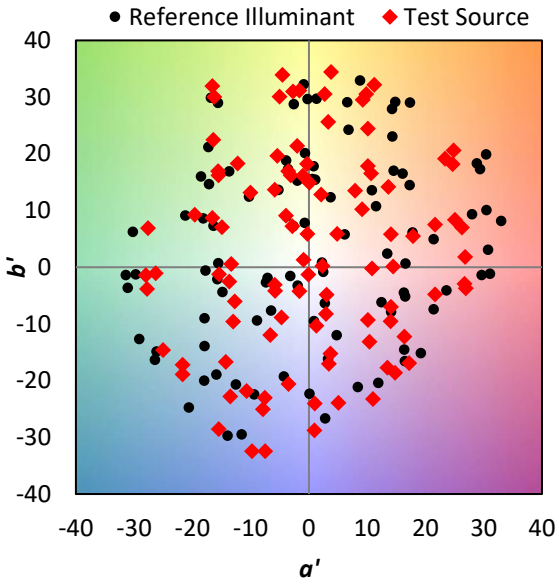
Summary

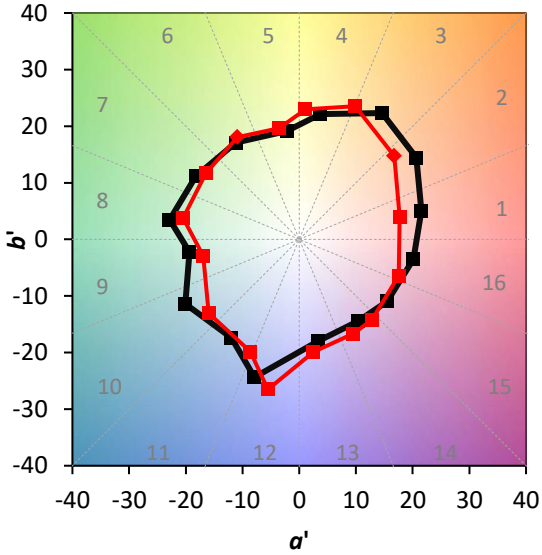
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R_g = 91.9
CIE R_a = 73.9
R_9 = -36.4

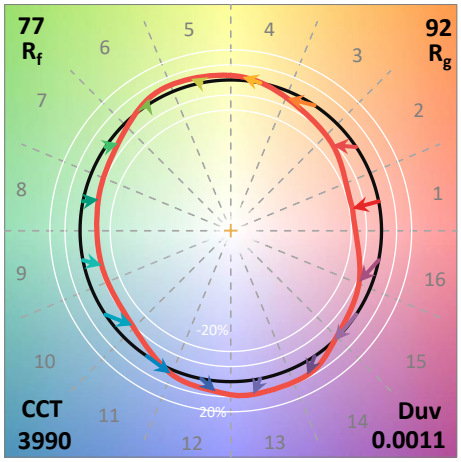
Spectral Power Distribution Comparison

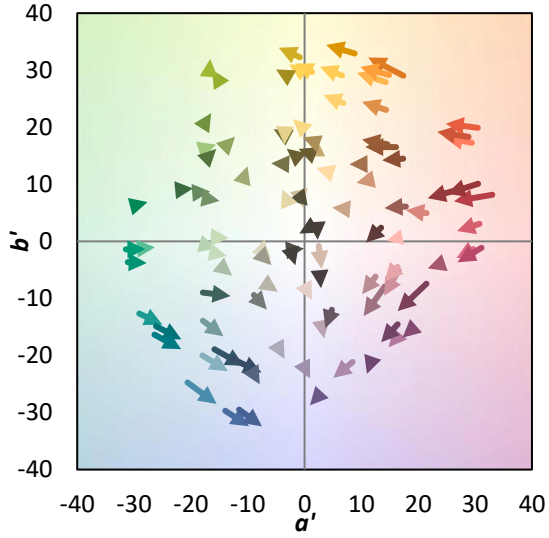


Color Vector Graphics







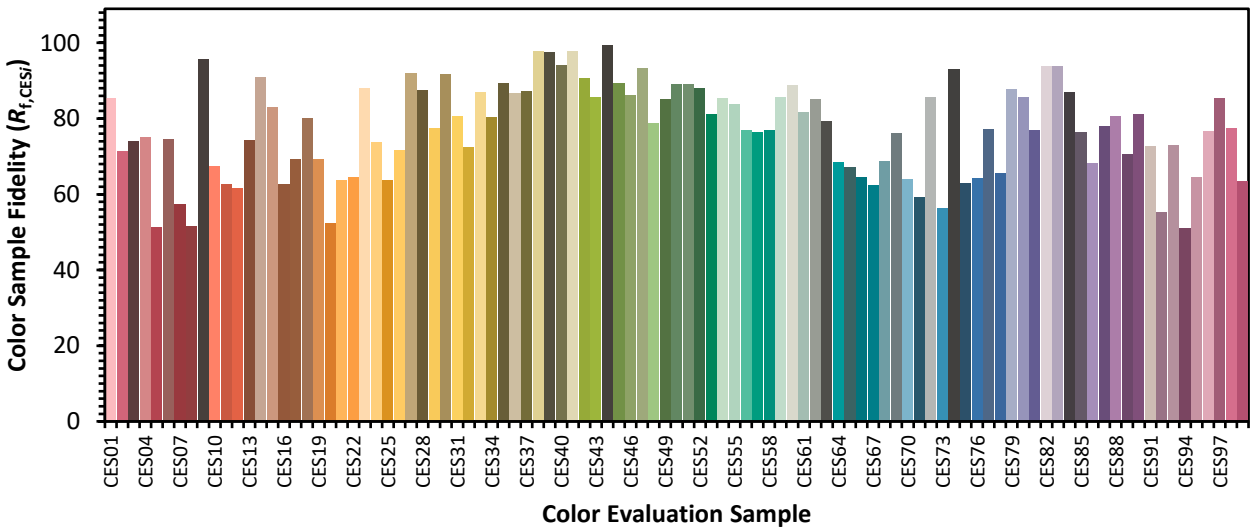


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Individual Sample Fidelity Index ($R_{f,i}$)

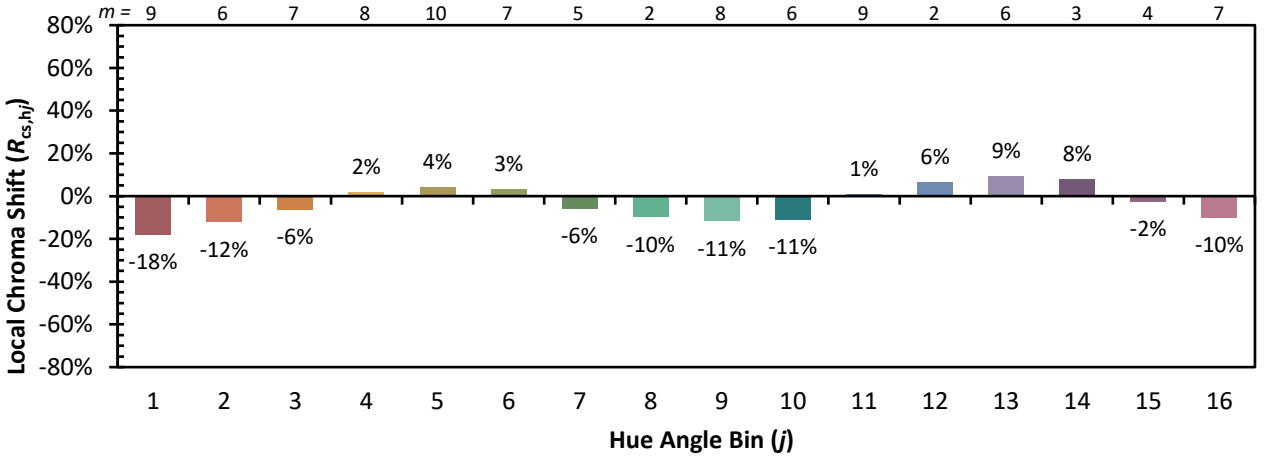
CES01 = 85	CES26 = 72	CES51 = 89	CES76 = 64
CES02 = 61	CES27 = 92	CES52 = 88	CES77 = 77
CES03 = 30	CES28 = 88	CES53 = 81	CES78 = 65
CES04 = 70	CES29 = 78	CES54 = 85	CES79 = 88
CES05 = 47	CES30 = 92	CES55 = 84	CES80 = 86
CES06 = 50	CES31 = 81	CES56 = 77	CES81 = 77
CES07 = 40	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 39	CES33 = 87	CES58 = 77	CES83 = 94
CES09 = 29	CES34 = 80	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 89	CES60 = 89	CES85 = 76
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 68
CES12 = 63	CES37 = 87	CES62 = 85	CES87 = 78
CES13 = 42	CES38 = 98	CES63 = 79	CES88 = 81
CES14 = 74	CES39 = 98	CES64 = 68	CES89 = 71
CES15 = 71	CES40 = 94	CES65 = 67	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 65	CES91 = 73
CES17 = 49	CES42 = 91	CES67 = 62	CES92 = 55
CES18 = 56	CES43 = 86	CES68 = 69	CES93 = 73
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 51
CES20 = 65	CES45 = 89	CES70 = 64	CES95 = 65
CES21 = 86	CES46 = 86	CES71 = 59	CES96 = 77
CES22 = 78	CES47 = 93	CES72 = 86	CES97 = 85
CES23 = 92	CES48 = 79	CES73 = 56	CES98 = 77
CES24 = 91	CES49 = 85	CES74 = 93	CES99 = 63
CES25 = 72	CES50 = 89	CES75 = 63	

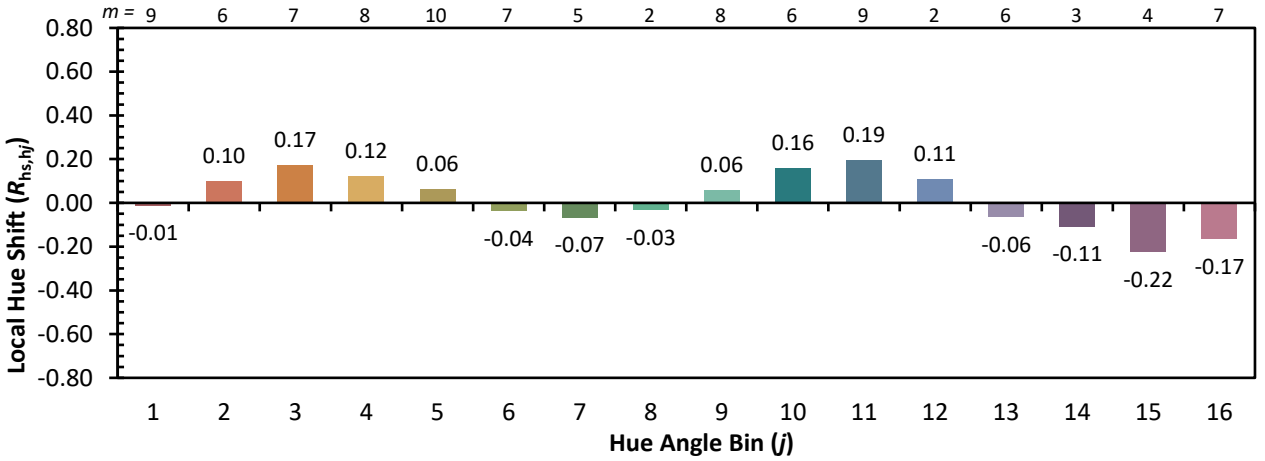


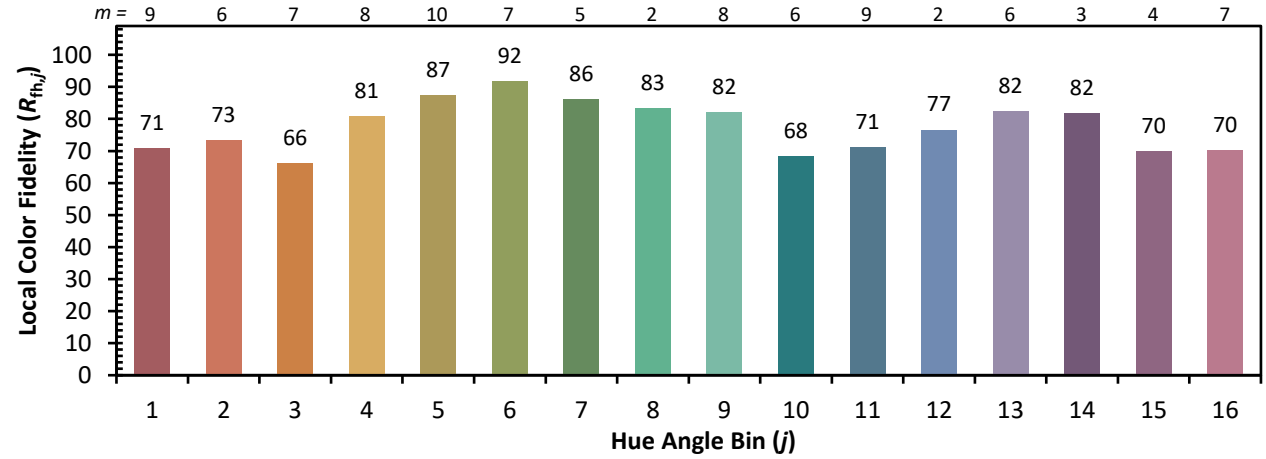
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Color Rendition by Hue-Angle Bin



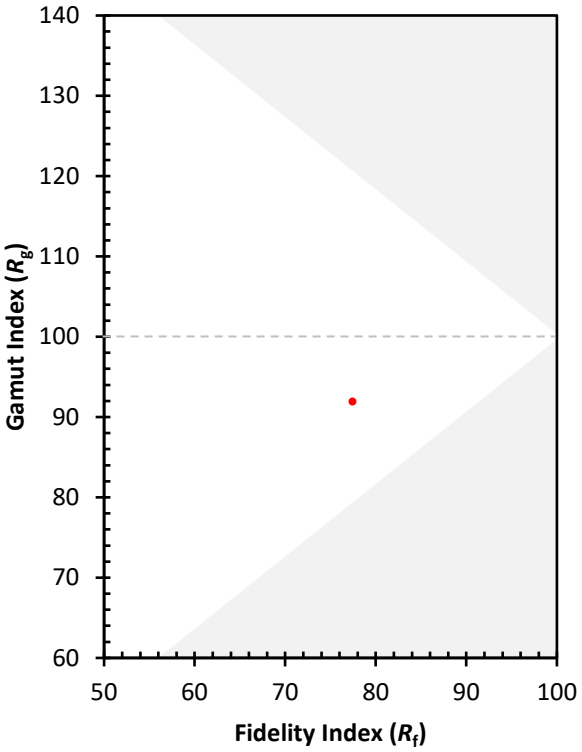


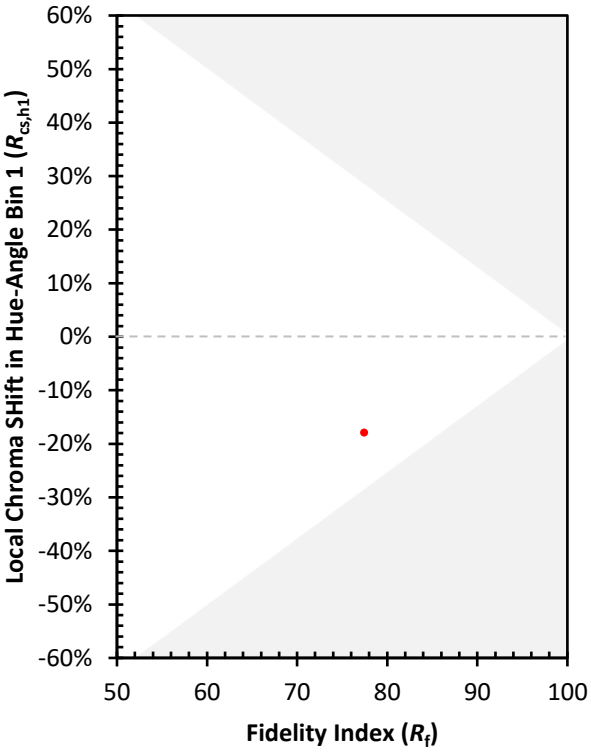


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Measure Comparisons





(END OF REPORT)