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: P981066

Luminaire Tested: **FFX-CLB-80-730-U-FR-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:	P981066
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-730-U-FR-T5
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12734.9 lumens
Efficiency:	N/A
Efficacy:	155.7 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

Input Watts (W):	81.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.01%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

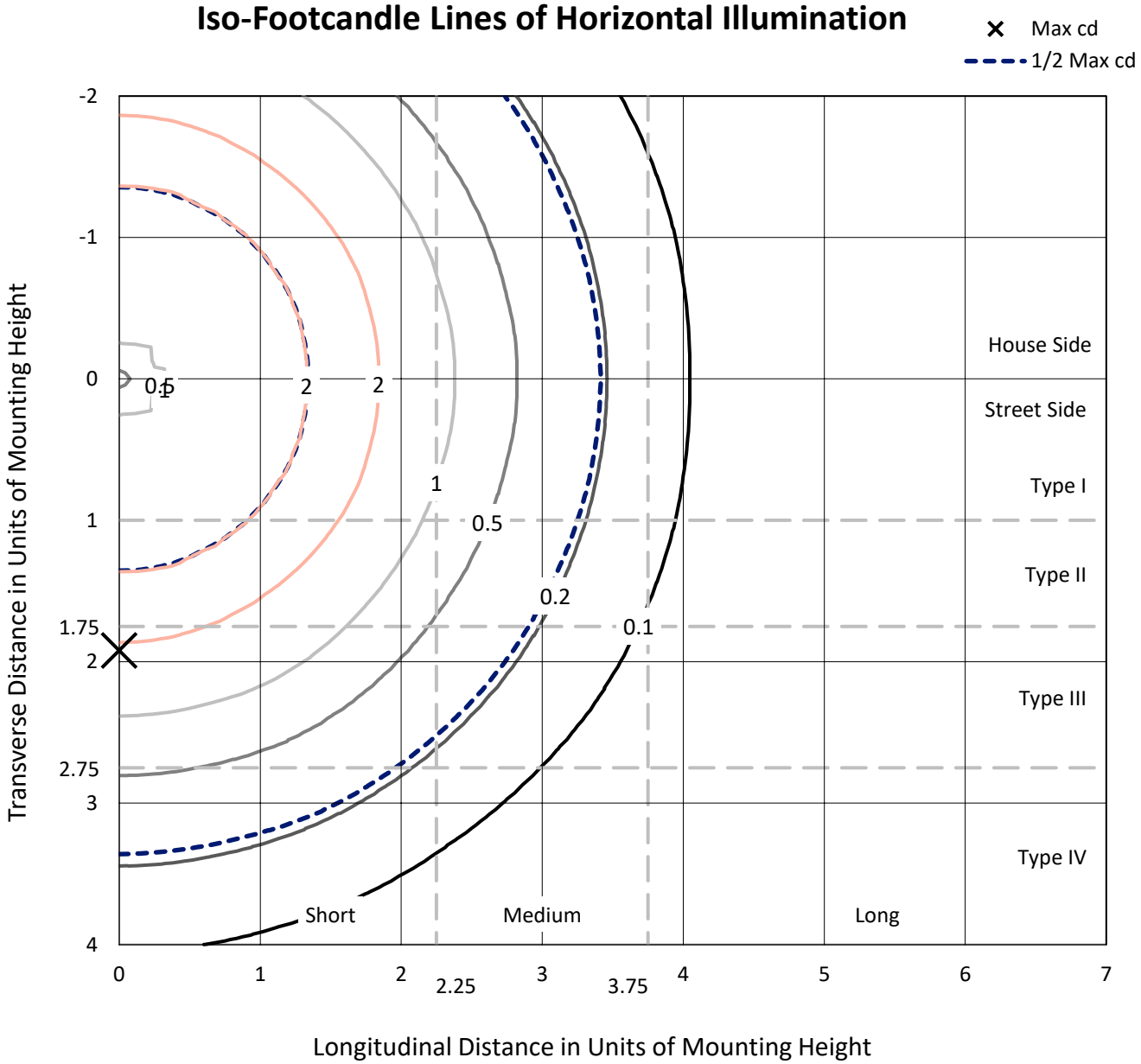


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Scaled Data Report

REPORT NUMBER: P981066
CATALOG NUMBER: FFX-CLB-80-730-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



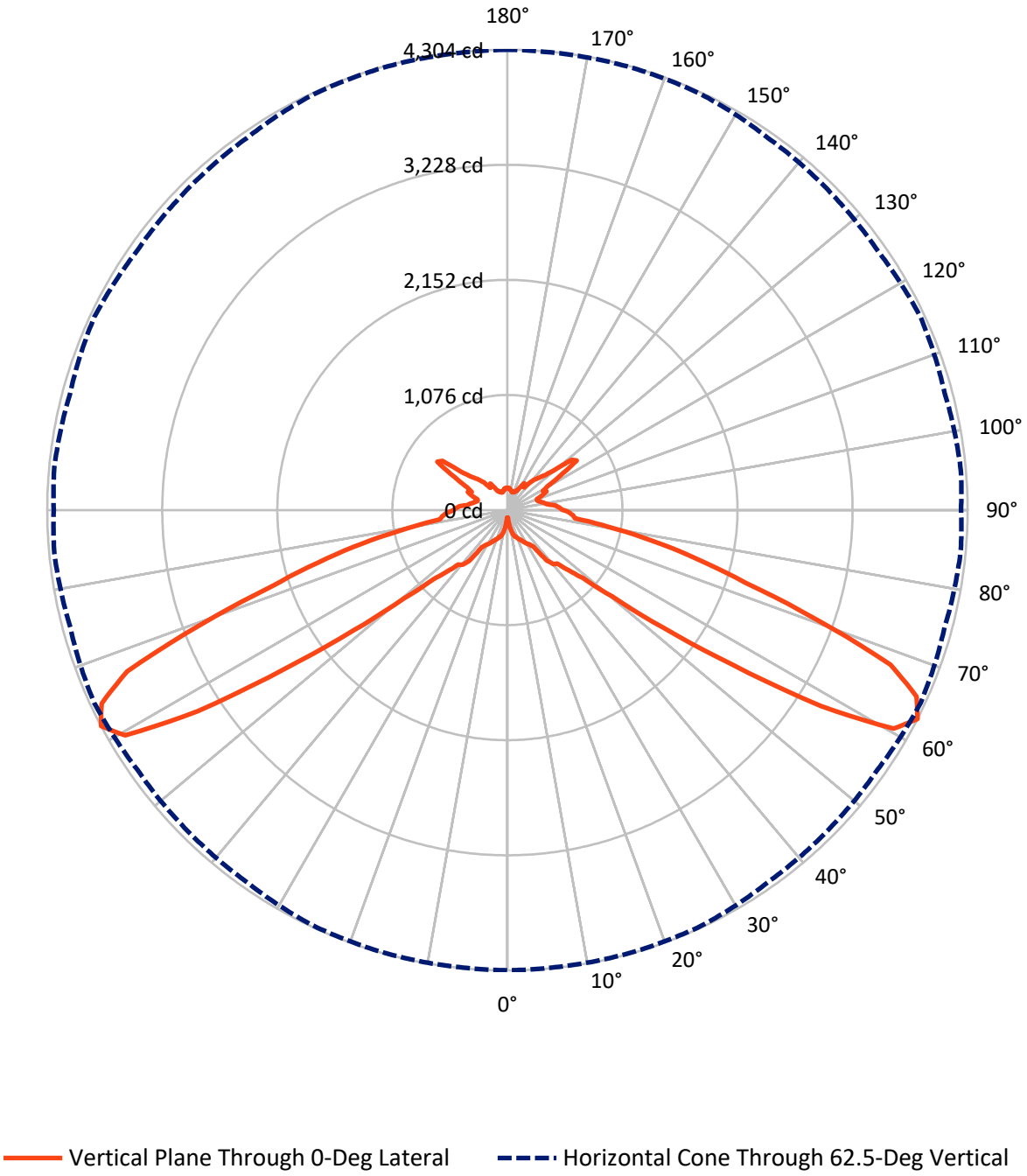
Based on 15 foot mounting height. Maximum calculated value = 2.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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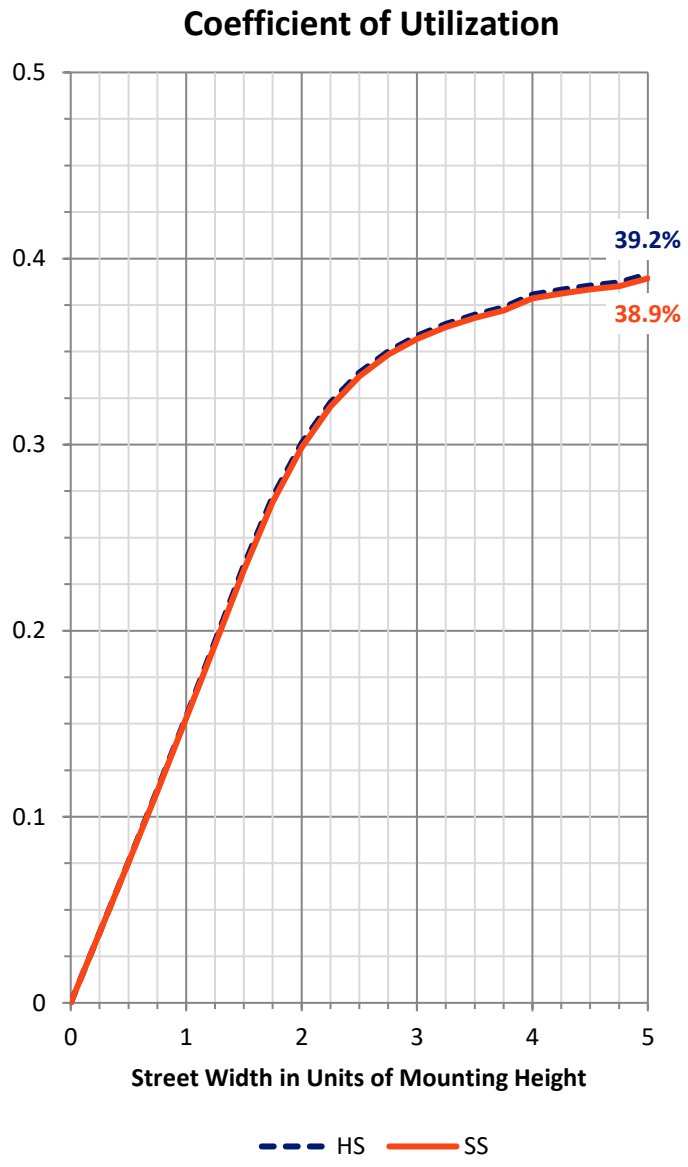
REPORT NUMBER: P981066
CATALOG NUMBER: FFX-CLB-80-730-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5157.3	1210.2	6367.4
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	5157.3	1210.2	6367.4
	% Fixture	40.5	9.5	50.0
Total	Lumens	10314.5	2420.4	12734.9
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	0.1
10°-20°	70.8	0.6
20°-30°	150.5	1.2
30°-40°	304.2	2.4
40°-50°	679.6	5.3
50°-60°	2396.7	18.8
60°-70°	3922.5	30.8
70°-80°	2017.9	15.8
80°-90°	759.3	6.0
90°-100°	488.6	3.8
100°-110°	325.9	2.6
110°-120°	349.9	2.7
120°-130°	572.7	4.5
130°-140°	342.7	2.7
140°-150°	178.1	1.4
150°-160°	93.1	0.7
160°-170°	50.4	0.4
170°-180°	18.9	0.1
0°-90°	10314.5	81.0
0°-180°	12734.9	100.0



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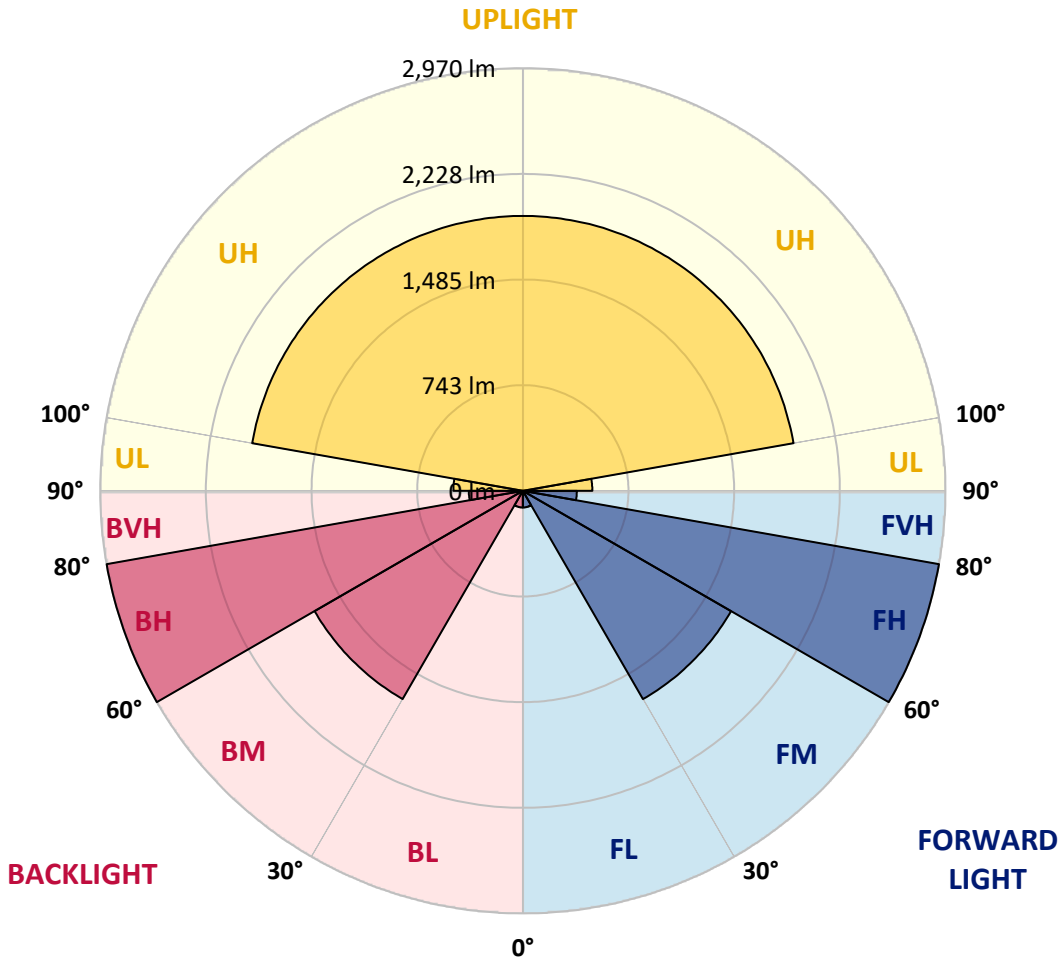
Scaled Data Report

REPORT NUMBER: P981066
CATALOG NUMBER: FFX-CLB-80-730-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	117.2	0.9			
FM	(30°-60°)	1690.2	13.3			
FH	(60°-80°)	2970.2	23.3			G2/5000
FVH	(80°-90°)	379.6	3.0			G3/500
BL	(0°-30°)	117.2	0.9	B1/500		
BM	(30°-60°)	1690.2	13.3	B2/2500		
BH	(60°-80°)	2970.2	23.3	B4/5000		G2/5000
BVH	(80°-90°)	379.6	3.0			G3/500
UL	(90°-100°)	488.6	3.8		U3/500	
UH	(100°-180°)	1931.8	15.2		U5	

BUG Rating: B4-U5-G3
Type V Short



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REPORT NUMBER: P981066
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
2.5°	72.5	73.4	75.8	77.4	78.3	76.6	77.4	79.1	79.1	79.9	79.9
5°	107.6	108.4	107.6	106.8	106.0	107.6	108.4	107.6	105.2	106.0	105.2
7.5°	159.0	159.0	152.4	150.8	149.2	156.5	160.6	159.0	150.8	143.5	141.8
10°	195.6	194.8	189.1	181.8	181.0	185.9	196.5	198.9	185.9	176.9	175.3
12.5°	232.3	226.6	223.4	216.0	216.8	220.1	227.4	228.2	219.3	211.9	207.1
15°	254.3	255.1	255.1	251.1	249.4	252.7	256.0	258.4	251.9	246.2	242.9
17.5°	264.1	264.9	267.4	269.8	269.8	268.2	268.2	269.0	269.0	269.0	268.2
20°	284.5	285.3	284.5	286.1	288.6	286.9	284.5	285.3	284.5	285.3	284.5
22.5°	300.8	300.0	300.0	302.4	304.1	303.2	300.8	301.6	300.0	300.8	300.8
25°	317.9	318.7	320.4	321.2	322.0	322.0	321.2	322.8	322.0	320.4	320.4
27.5°	341.6	341.6	341.6	341.6	344.8	344.8	343.2	344.0	341.6	339.9	339.1
30°	364.4	365.2	363.6	365.2	368.5	366.8	366.0	367.6	364.4	363.6	363.6
32.5°	385.6	385.6	384.8	389.6	390.5	388.8	391.3	392.9	394.5	393.7	397.8
35°	421.4	423.1	436.9	449.2	453.2	452.4	455.7	457.3	454.0	454.0	451.6
37.5°	595.1	594.3	574.7	555.9	564.9	576.3	564.9	561.7	555.1	551.9	550.2
40°	664.4	664.4	646.4	648.1	641.5	642.4	646.4	659.5	652.1	639.1	639.9
42.5°	685.6	692.1	713.3	751.6	737.7	715.7	689.6	698.6	717.3	728.8	731.2
45°	806.2	815.2	816.8	815.2	808.6	817.6	811.1	816.0	818.4	833.1	839.6
47.5°	948.0	944.8	945.6	966.0	958.6	964.3	976.6	974.9	985.5	983.9	989.6
50°	1270.8	1279.8	1266.8	1292.9	1299.4	1289.6	1336.9	1336.9	1341.8	1320.6	1323.0
52.5°	1826.8	1805.6	1805.6	1812.1	1813.7	1843.9	1877.3	1876.5	1888.7	1877.3	1902.6
55°	2542.5	2537.6	2548.2	2624.0	2632.2	2606.1	2613.4	2580.0	2687.6	2659.9	2680.3
57.5°	3453.0	3465.3	3451.4	3452.2	3445.7	3438.4	3479.1	3409.8	3462.0	3403.3	3405.0
60°	4150.0	4133.7	4088.1	3998.4	3991.1	4018.0	4063.6	4066.1	4013.9	3981.3	3953.6
62.5°	4304.1	4298.4	4296.7	4289.4	4247.8	4236.4	4227.5	4264.1	4233.2	4256.8	4242.9
65°	4205.4	4181.0	4203.0	4238.1	4211.2	4158.2	4112.5	4176.1	4155.7	4243.8	4198.1
67.5°	3863.9	3841.1	3832.1	3901.4	3868.0	3784.0	3753.0	3767.7	3744.1	3841.1	3823.1
70°	3066.7	3067.5	3085.4	3175.1	3141.7	3079.7	3042.2	3052.0	3075.6	3157.1	3134.3
72.5°	2326.5	2321.6	2342.8	2365.6	2367.2	2362.4	2352.6	2359.9	2373.8	2418.6	2430.0
75°	1835.8	1834.1	1799.9	1812.1	1807.2	1829.2	1861.8	1857.0	1864.3	1830.1	1820.3
77.5°	1389.0	1390.7	1377.6	1371.9	1367.0	1402.9	1455.1	1457.5	1422.5	1397.2	1386.6
80°	961.1	967.6	1006.7	1007.5	1014.9	1014.9	1056.5	1051.6	1039.3	1038.5	1038.5
82.5°	637.5	648.9	688.8	734.5	741.8	732.8	755.7	762.2	777.7	789.1	792.3
85°	613.0	633.4	620.3	639.9	640.7	646.4	655.4	658.7	657.0	659.5	654.6
87.5°	573.9	599.1	595.9	608.9	612.2	621.2	630.9	635.0	626.9	620.3	618.7
90°	509.5	533.1	544.5	555.1	558.4	555.9	562.5	564.1	563.3	555.9	554.3
92.5°	482.6	491.5	498.1	506.2	516.0	510.3	514.4	510.3	516.8	515.2	516.8
95°	448.3	451.6	447.5	452.4	454.0	448.3	447.5	447.5	444.3	440.2	441.8
97.5°	379.1	384.8	383.1	383.1	383.9	381.5	382.3	381.5	383.1	380.7	379.9
100°	353.8	353.8	352.2	351.3	350.5	348.1	347.3	344.8	344.8	342.4	340.7
102.5°	327.7	330.1	327.7	326.9	326.9	322.8	323.6	323.6	322.0	321.2	317.1
105°	308.9	308.1	306.5	303.2	300.0	300.0	301.6	300.8	298.4	297.5	294.3
107.5°	291.8	290.2	287.8	282.9	281.2	282.0	284.5	285.3	284.5	281.2	278.8
110°	295.1	292.6	288.6	286.9	289.4	291.0	291.8	293.5	298.4	300.0	296.7

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CATALOG NUMBER: FFX-CLB-80-730-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*355.4*	351.3	348.9	338.3	346.4	348.1	346.4	347.3	349.7	346.4	348.1
115°	*406.0*	410.0	410.8	378.2	379.1	374.2	369.3	367.6	360.3	366.0	384.8
117.5°	*375.0*	388.0	359.5	344.8	335.8	332.6	340.7	342.4	335.0	344.0	370.9
120°	*430.4*	436.1	377.4	348.9	348.1	361.9	383.9	390.5	382.3	399.4	430.4
122.5°	*584.5*	580.4	574.7	579.6	566.5	565.7	583.7	581.2	559.2	561.7	569.0
125°	*796.4*	794.8	784.2	773.6	764.6	769.5	762.2	753.2	736.9	734.5	734.5
127.5°	*762.2*	762.2	754.8	749.1	740.2	741.0	740.2	723.9	717.3	718.2	718.2
130°	*560.8*	561.7	584.5	604.9	599.1	601.6	586.9	582.0	603.2	622.8	622.8
132.5°	*475.2*	476.9	502.1	517.6	509.5	493.2	477.7	479.3	492.4	511.9	511.1
135°	*424.7*	428.0	429.6	428.0	423.1	419.0	418.2	422.3	425.5	439.4	442.6
137.5°	*384.8*	382.3	374.2	366.8	361.1	371.7	378.2	376.6	373.3	370.9	372.5
140°	*338.3*	335.0	323.6	322.0	325.3	330.1	331.8	333.4	334.2	332.6	331.8
142.5°	*264.1*	266.6	277.2	290.2	291.0	282.9	283.7	283.7	286.9	291.0	289.4
145°	*264.9*	266.6	270.6	280.4	280.4	273.9	271.5	273.9	281.2	289.4	289.4
147.5°	*295.1*	292.6	286.9	284.5	282.0	281.2	281.2	275.5	276.3	276.3	276.3
150°	*251.1*	250.3	247.0	245.4	244.6	243.7	247.8	247.0	248.6	247.0	246.2
152.5°	*207.1*	206.2	203.0	200.5	201.3	206.2	212.8	215.2	213.6	210.3	208.7
155°	*196.5*	197.3	192.4	190.7	191.6	194.0	195.6	195.6	192.4	188.3	188.3
157.5°	*185.9*	186.7	184.2	182.6	183.4	185.0	187.5	188.3	185.9	182.6	181.8
160°	*177.7*	176.9	176.1	176.1	176.1	176.1	176.9	177.7	176.9	176.1	175.3
162.5°	*173.6*	173.6	173.6	173.6	174.4	173.6	173.6	173.6	173.6	173.6	173.6
165°	*172.8*	172.8	173.6	175.3	176.1	175.3	175.3	175.3	176.1	177.7	177.7
167.5°	*180.2*	179.3	181.8	182.6	183.4	182.6	181.8	181.0	181.8	183.4	183.4
170°	*188.3*	189.1	189.1	189.9	189.9	189.1	188.3	189.1	188.3	189.1	189.1
172.5°	*196.5*	196.5	196.5	195.6	195.6	195.6	195.6	195.6	195.6	194.8	194.8
175°	*203.0*	203.0	203.0	203.0	202.2	203.0	203.8	203.8	203.0	203.0	201.3
177.5°	*208.7*	208.7	208.7	208.7	208.7	208.7	208.7	207.9	207.9	207.9	207.1
180°	*209.5*	209.5	209.5	209.5	209.5	209.5	209.5	209.5	209.5	209.5	209.5

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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: SP1-2501-332-4

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

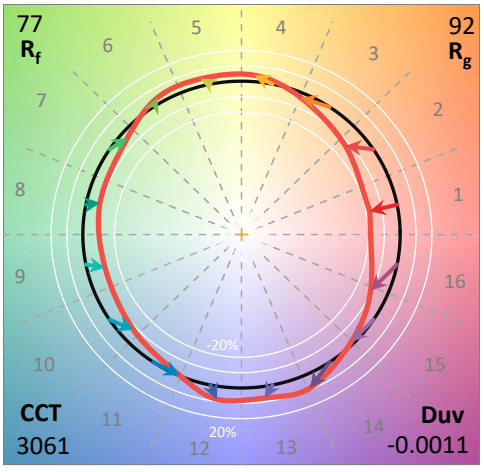
Test Information

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

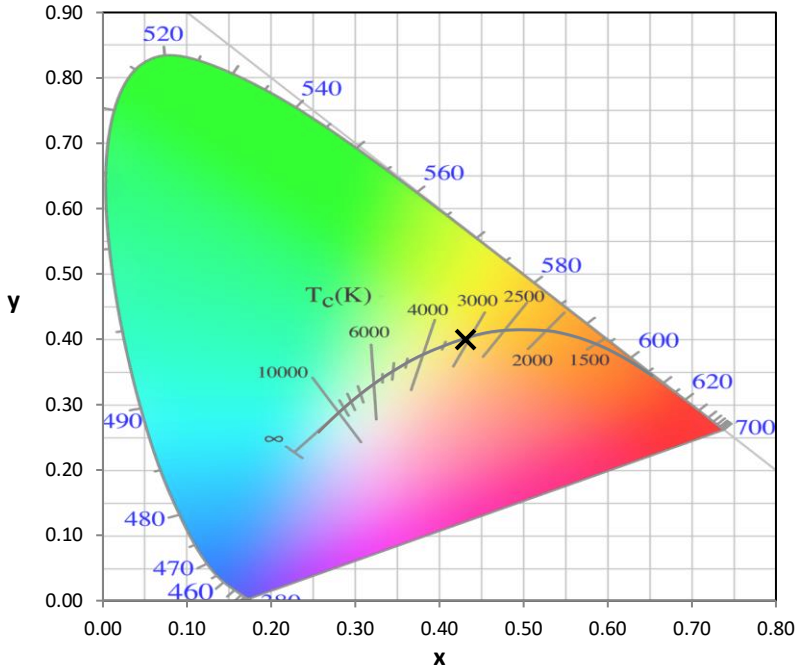
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

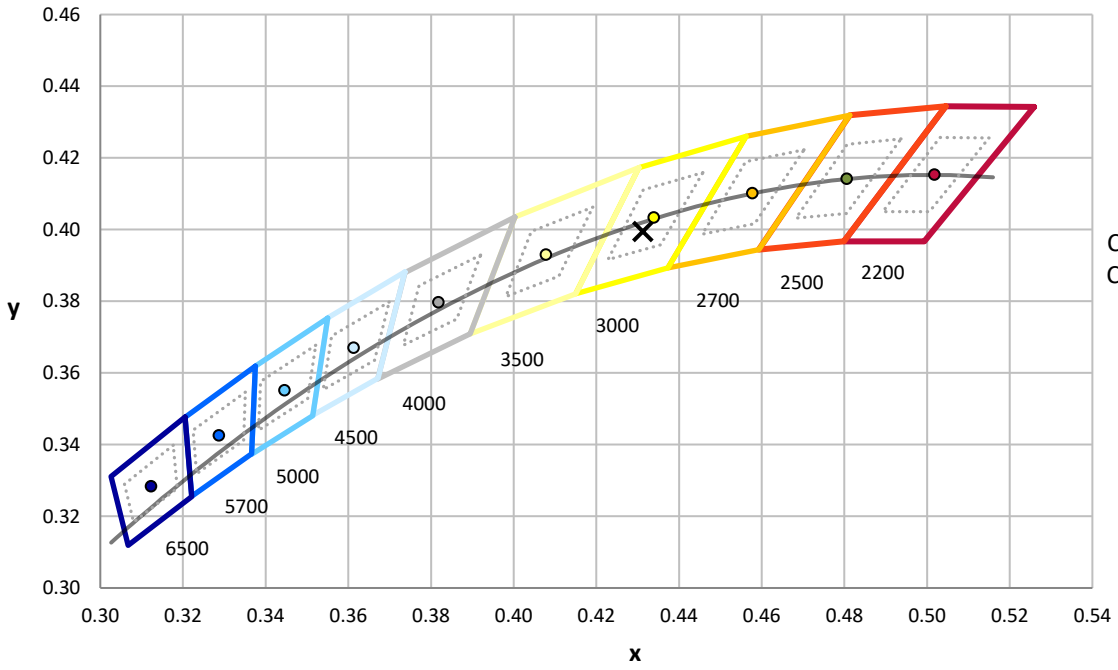
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

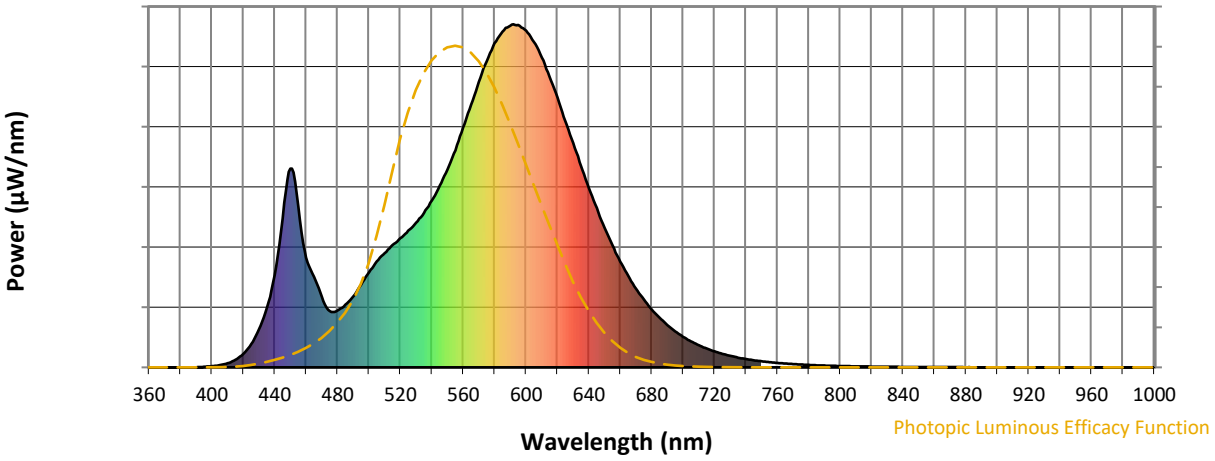


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

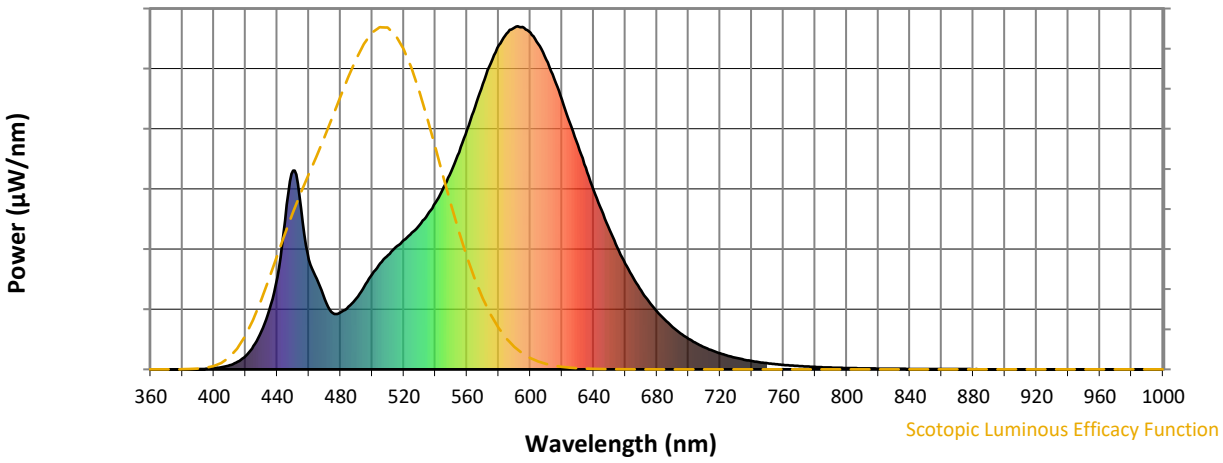


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2501-332-4

Scotopic Flux vs. Wavelength

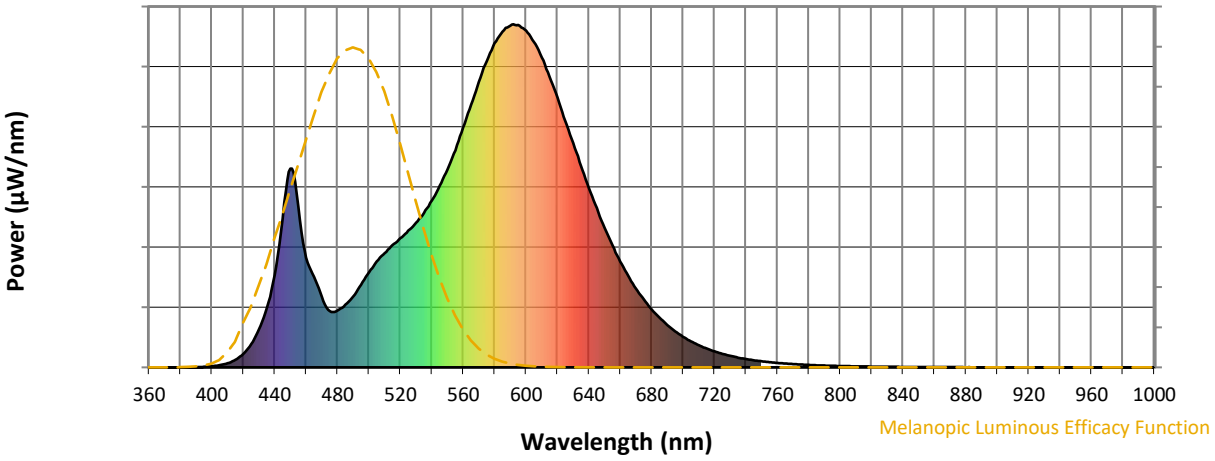


Scotopic Lumens: NR **S/P: 1.29**

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			

REPORT NUMBER: SP1-2501-332-4

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			

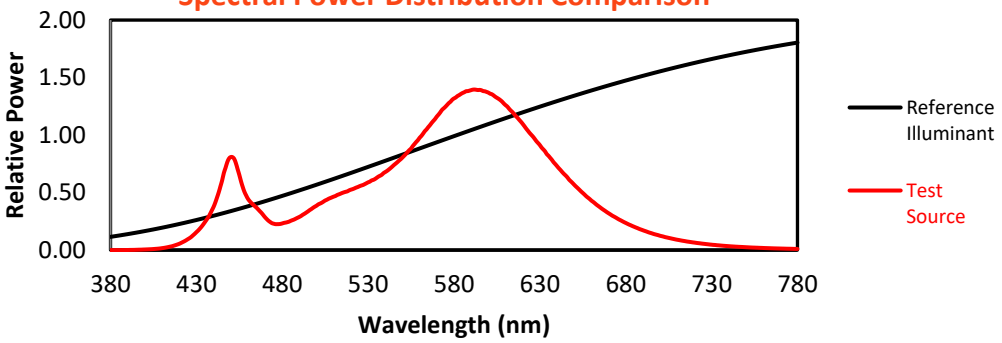
REPORT NUMBER: SP1-2501-332-4

TM-30-18

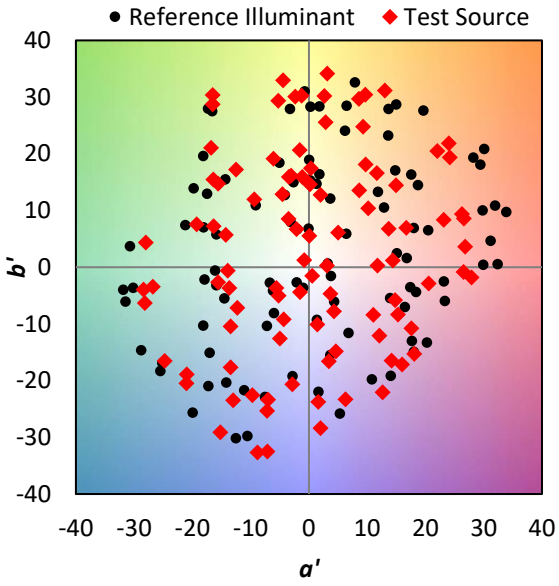
Summary

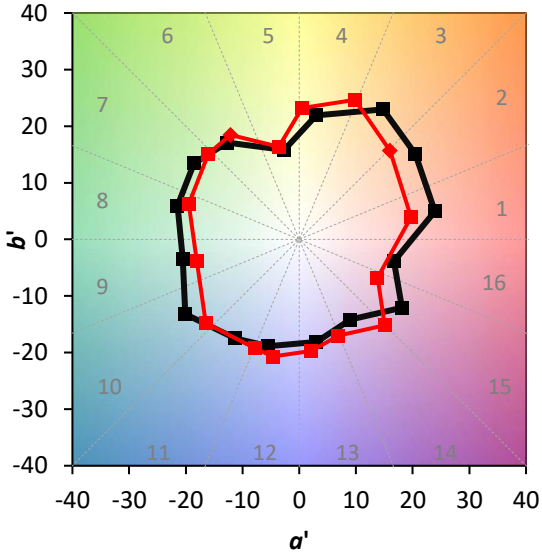
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

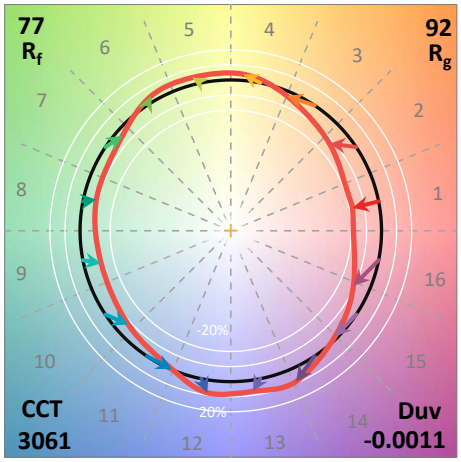
Spectral Power Distribution Comparison

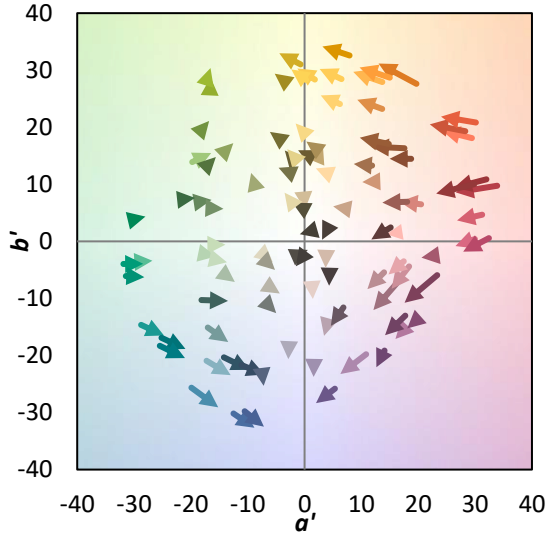


Color Vector Graphics







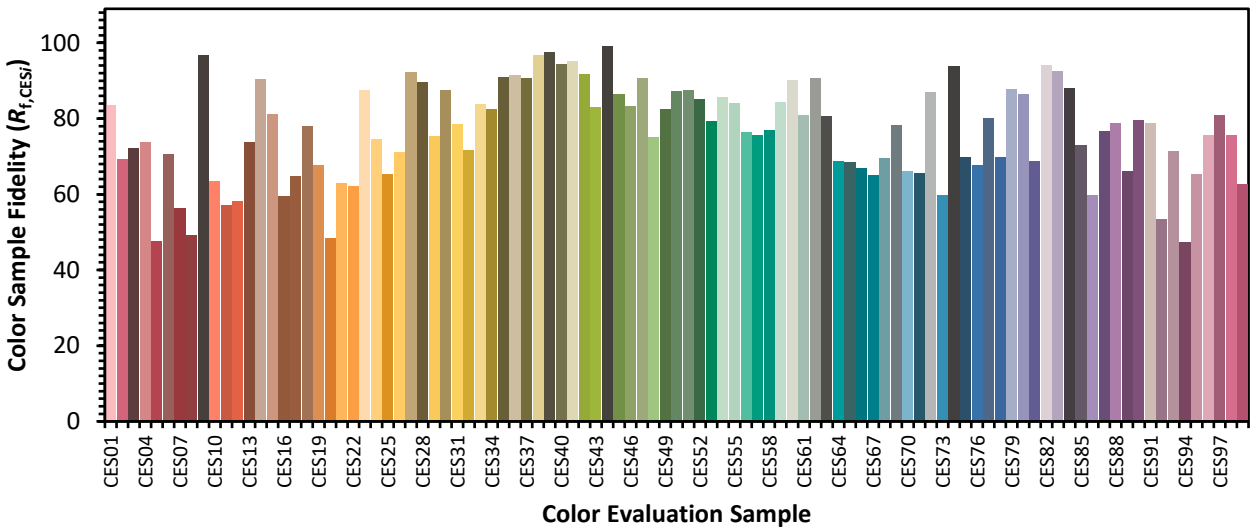


REPORT NUMBER: SP1-2501-332-4

TM-30-18

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

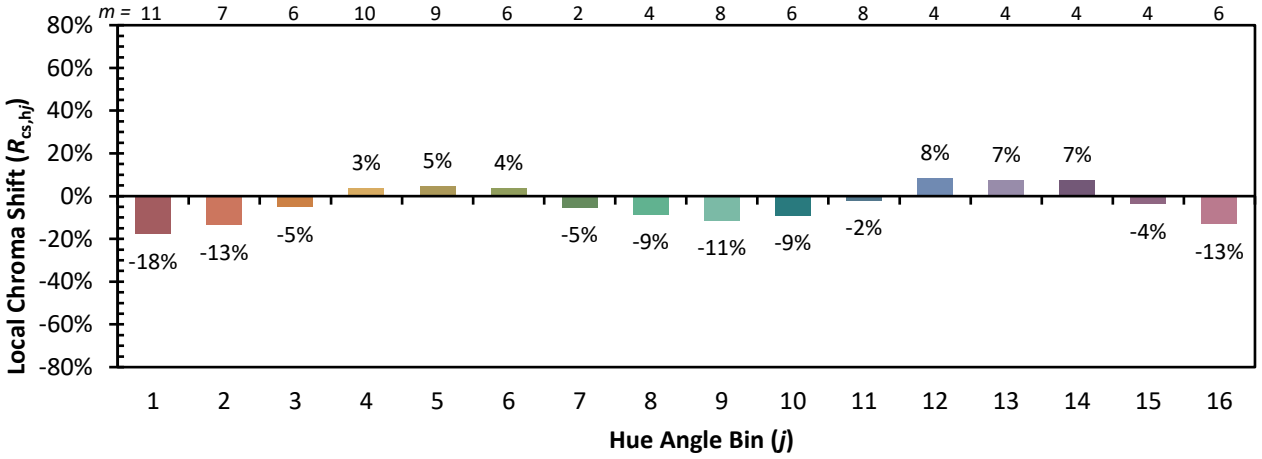
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 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	

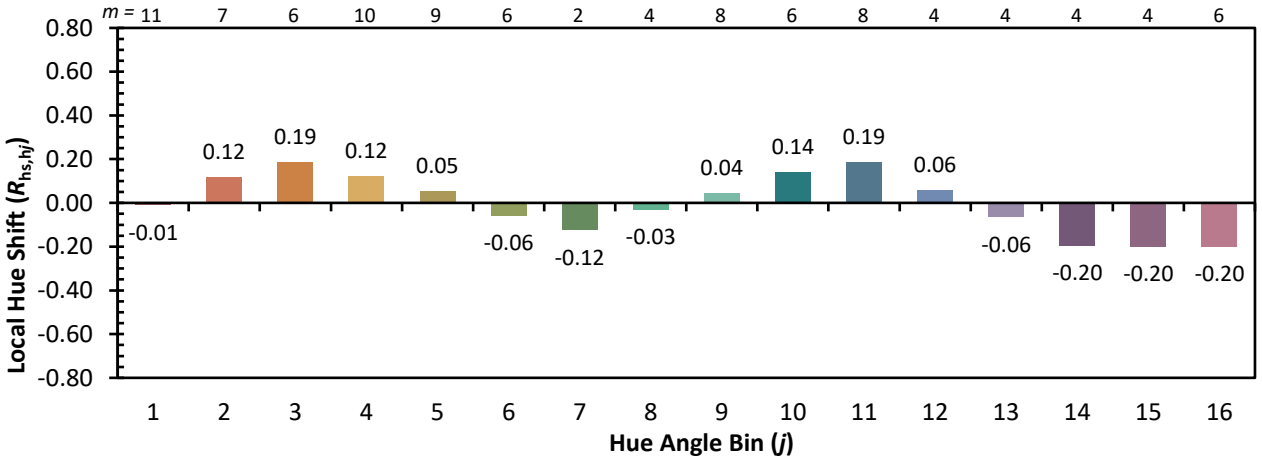


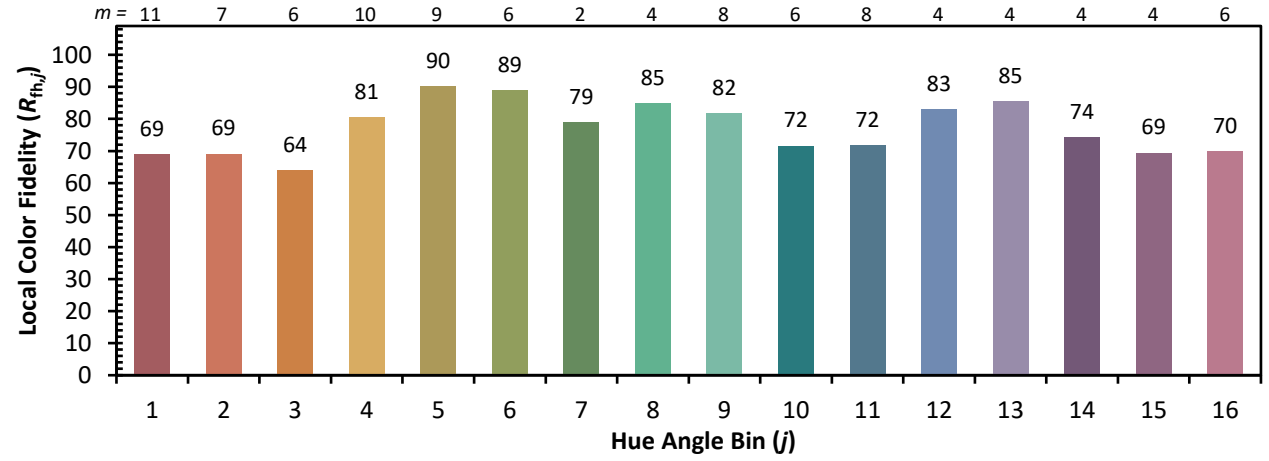
REPORT NUMBER: SP1-2501-332-4

TM-30-18

Color Rendition by Hue-Angle Bin



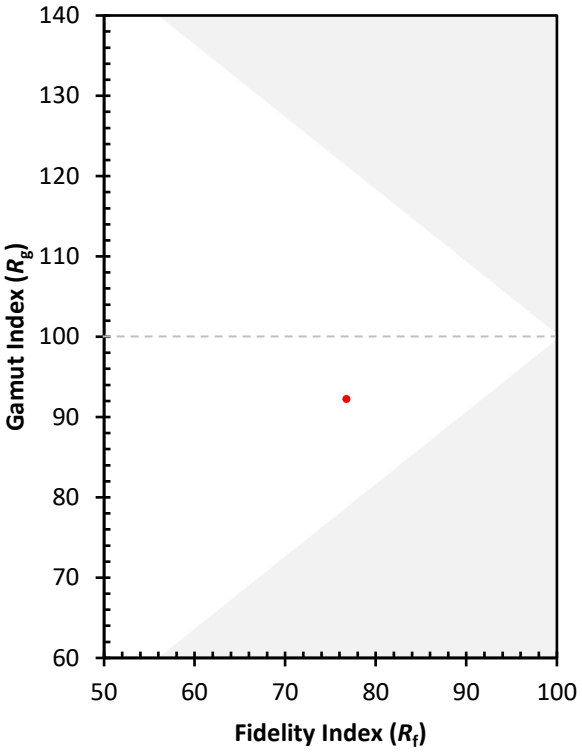


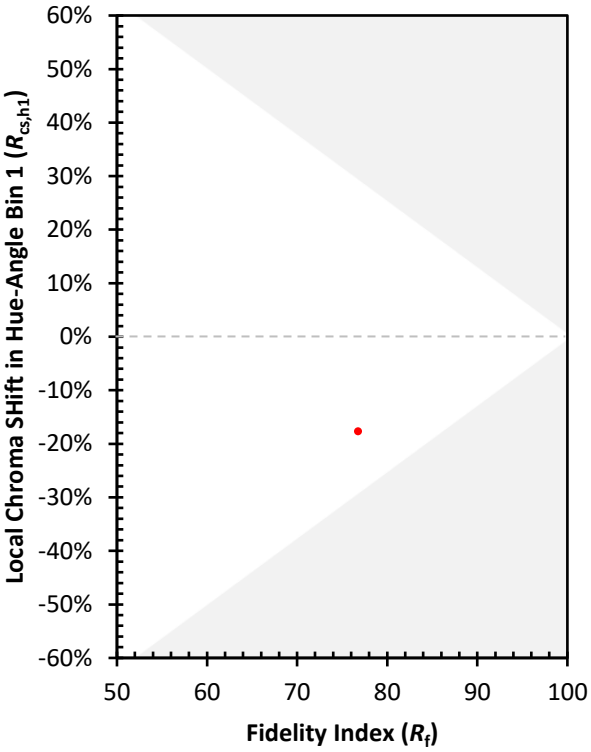


REPORT NUMBER: SP1-2501-332-4

TM-30-18

Measure Comparisons





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