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: P981297

Luminaire Tested: **FFX-CLB-20-730-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:	P981297
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-730-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3376.5 lumens
Efficiency:	N/A
Efficacy:	170.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B1 - U5 - G2

Input Watts (W):	19.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	9.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

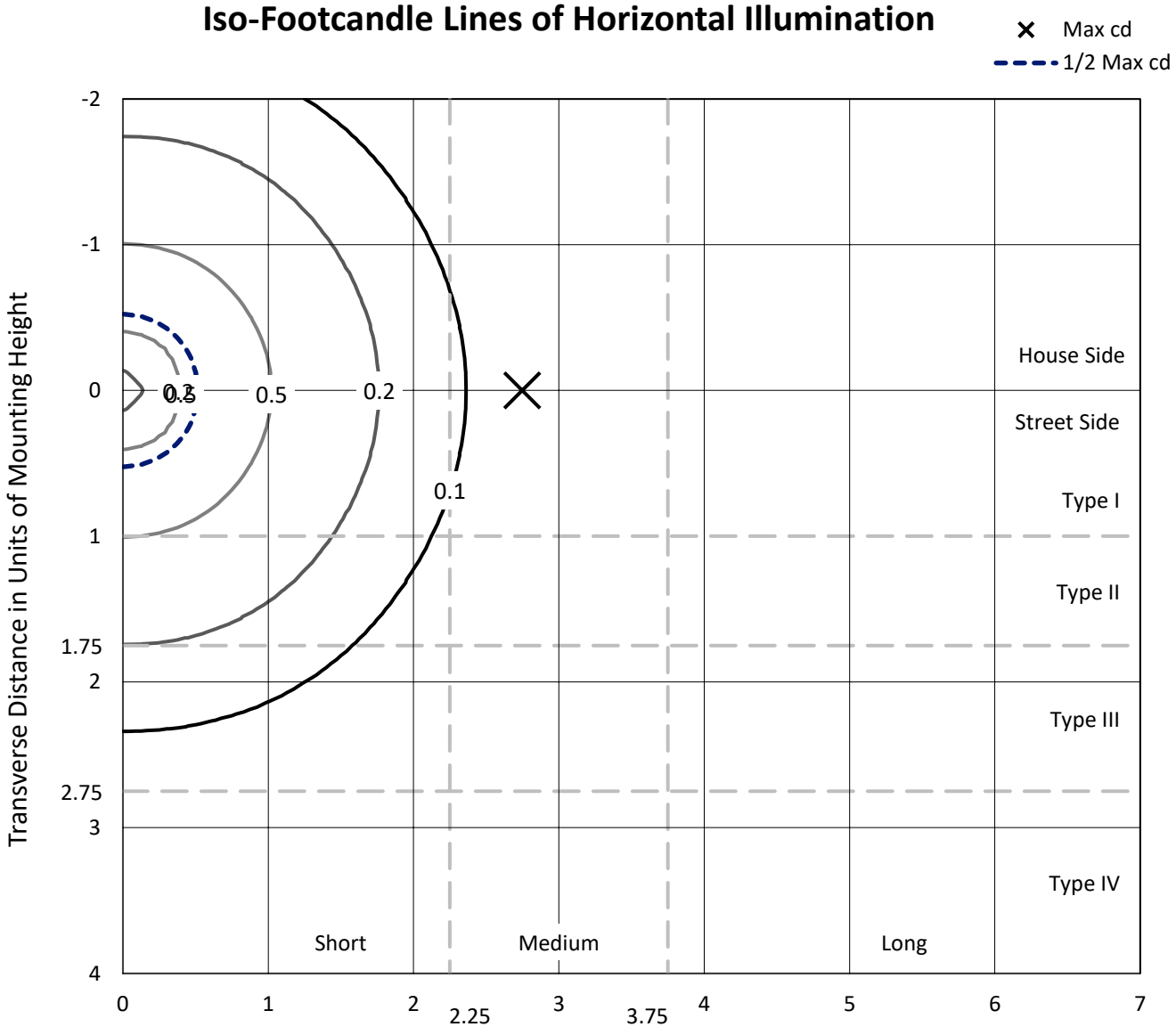


Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P981297
CATALOG NUMBER: FFX-CLB-20-730-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



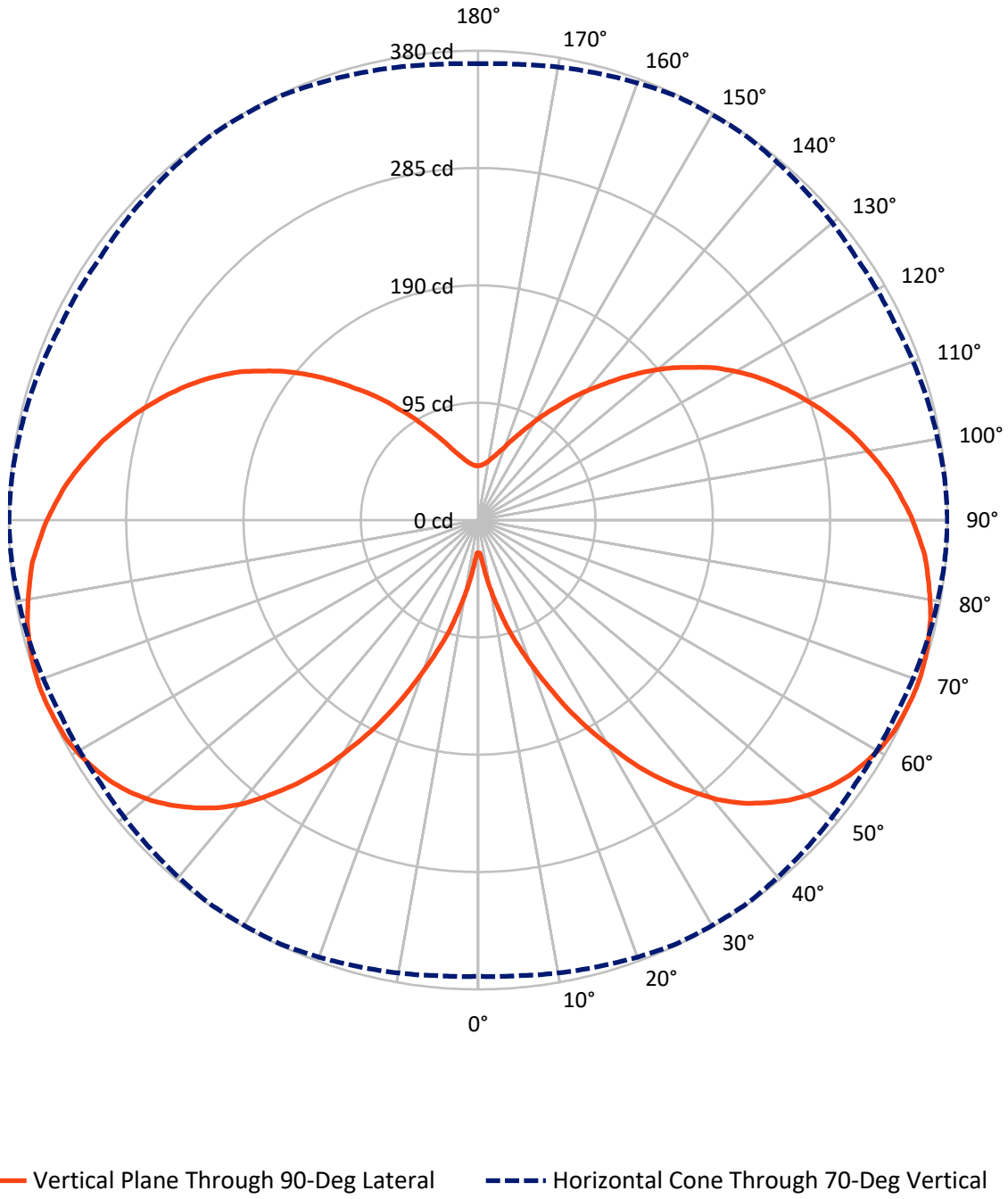
Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P981297
CATALOG NUMBER: FFX-CLB-20-730-U-VM9-T5

Luminous Intensity Polar Plot



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

Scaled Data Report

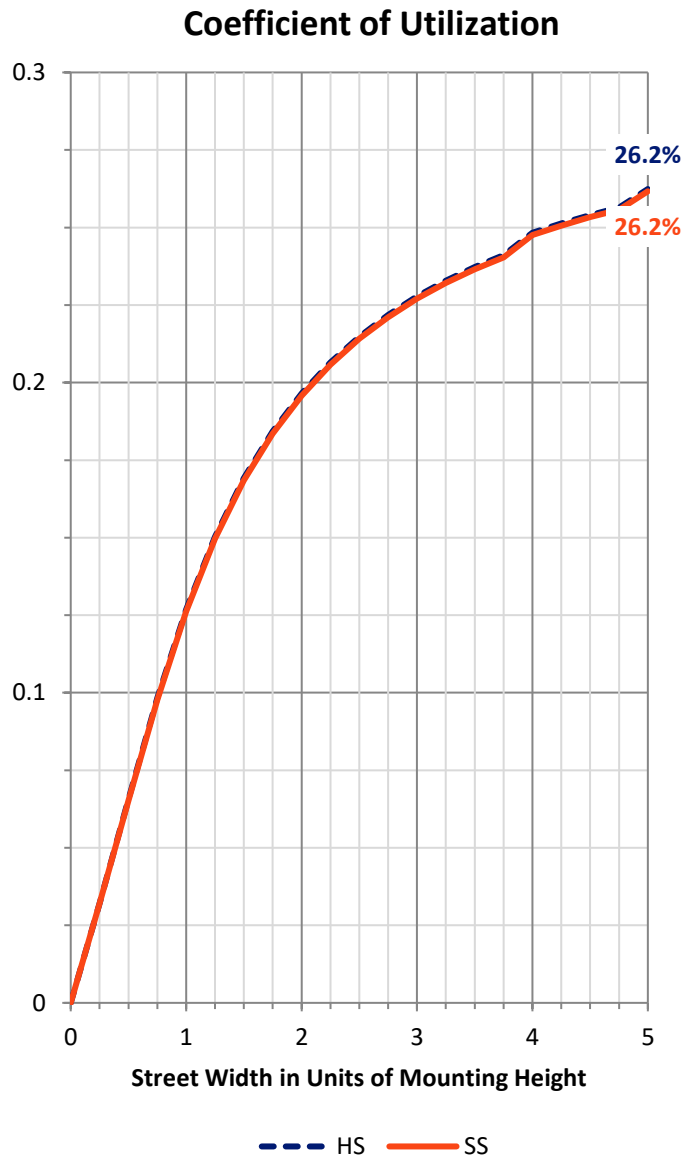
REPORT NUMBER: P981297
CATALOG NUMBER: FFX-CLB-20-730-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	999.5	688.7	1688.2
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	999.5	688.7	1688.2
	% Fixture	29.6	20.4	50.0
Total	Lumens	1999.1	1377.4	3376.5
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.0	0.1
10°-20°	27.0	0.8
20°-30°	79.2	2.3
30°-40°	161.1	4.8
40°-50°	250.0	7.4
50°-60°	322.9	9.6
60°-70°	371.3	11.0
70°-80°	393.4	11.7
80°-90°	390.1	11.6
90°-100°	362.7	10.7
100°-110°	316.2	9.4
110°-120°	258.2	7.6
120°-130°	191.5	5.7
130°-140°	123.9	3.7
140°-150°	70.1	2.1
150°-160°	34.9	1.0
160°-170°	15.5	0.5
170°-180°	4.4	0.1
0°-90°	1999.1	59.2
0°-180°	3376.5	100.0



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

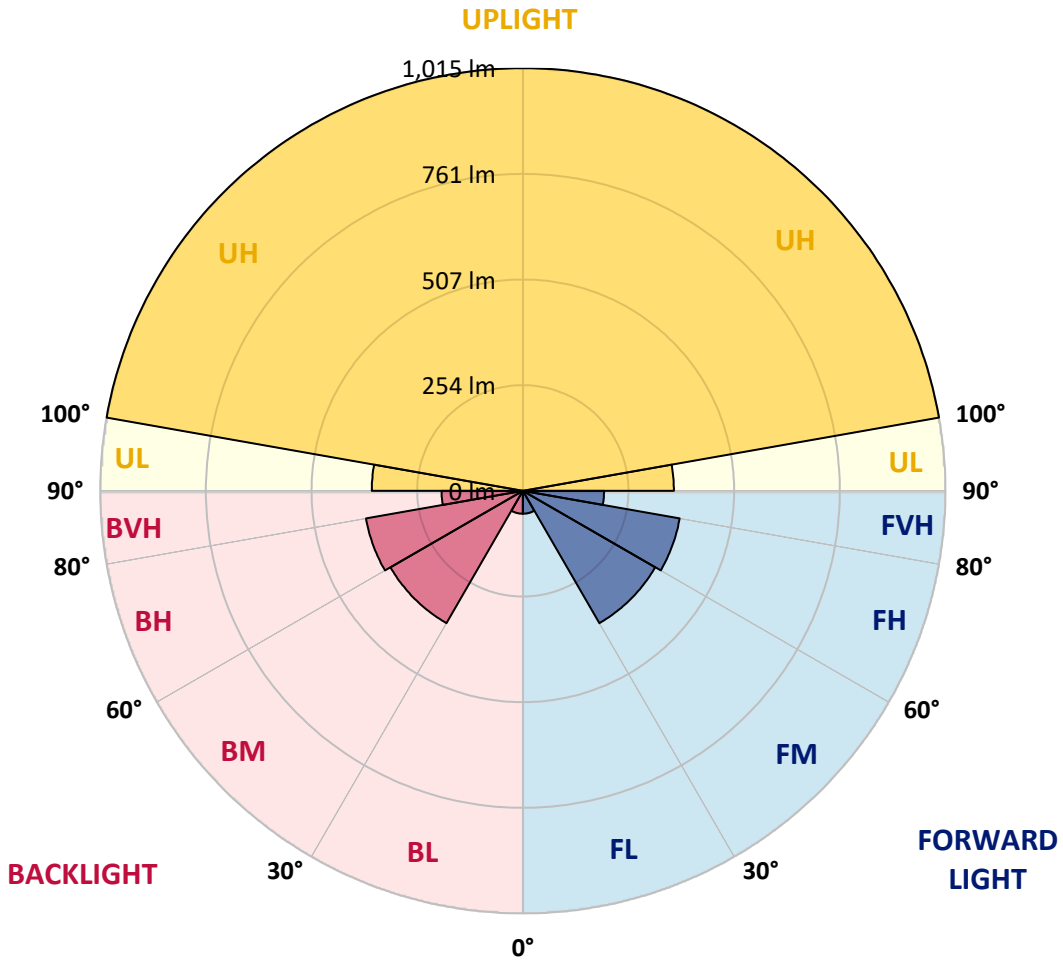
Scaled Data Report

REPORT NUMBER: P981297
CATALOG NUMBER: FFX-CLB-20-730-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	55.1	1.6			
FM	(30°-60°)	367.0	10.9			
FH	(60°-80°)	382.3	11.3			G0/660
FVH	(80°-90°)	195.1	5.8			G2/225
BL	(0°-30°)	55.1	1.6	B0/110		
BM	(30°-60°)	367.0	10.9	B1/1000		
BH	(60°-80°)	382.3	11.3	B1/500		G0/660
BVH	(80°-90°)	195.1	5.8			G2/225
UL	(90°-100°)	362.7	10.7		U3/500	
UH	(100°-180°)	1014.7	30.1		U5	

BUG Rating: B1-U5-G2
Type V Short



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

Scaled Data Report

REPORT NUMBER: P981297
CATALOG NUMBER: FFX-CLB-20-730-U-VM9-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	*26.9*
2.5°	26.9	26.9	26.9	26.9	26.6	26.6	26.6	26.6	26.6	26.6	*26.6*
5°	33.1	32.9	32.9	33.1	33.1	33.1	32.9	33.1	32.7	32.5	*32.9*
7.5°	44.5	44.5	44.5	44.5	44.1	44.1	44.7	44.3	44.5	44.3	*44.7*
10°	58.1	58.1	57.9	58.3	58.5	58.3	58.1	58.7	58.3	58.3	*58.7*
12.5°	73.6	73.8	73.8	74.1	74.5	73.8	74.5	74.5	74.5	74.1	*73.8*
15°	91.5	91.3	91.7	91.5	90.6	91.5	91.7	91.3	91.5	91.7	*91.9*
17.5°	108.0	107.8	108.0	107.8	108.7	108.9	108.7	108.7	108.7	108.9	*108.5*
20°	126.3	126.5	125.9	126.5	126.5	126.9	127.8	127.6	127.8	127.1	*126.5*
22.5°	146.2	146.4	145.8	145.6	146.9	146.6	146.6	147.3	147.7	147.7	*147.3*
25°	167.6	167.2	167.2	167.8	167.8	167.6	168.7	169.1	168.9	169.5	*169.9*
27.5°	189.0	188.6	188.6	189.4	189.4	189.4	189.4	191.3	191.5	192.0	*192.2*
30°	209.8	211.3	211.3	210.8	211.5	212.5	213.2	213.2	213.8	213.8	*214.0*
32.5°	232.5	232.5	232.9	233.5	233.5	235.4	234.3	236.0	235.6	236.9	*237.7*
35°	253.9	254.3	254.3	255.5	255.5	256.0	256.2	257.2	258.7	258.5	*258.7*
37.5°	273.8	273.6	273.2	275.0	275.5	275.3	275.5	277.1	277.6	278.2	*277.8*
40°	292.0	291.4	292.5	293.5	293.5	293.9	294.3	295.2	296.0	296.4	*297.1*
42.5°	307.4	307.1	308.2	309.0	309.2	309.5	309.5	310.1	312.2	312.8	*313.2*
45°	320.8	320.6	321.8	322.9	323.5	323.5	322.9	323.7	325.6	326.2	*326.4*
47.5°	332.3	332.5	334.2	335.5	335.9	335.3	334.8	335.7	337.1	338.8	*338.6*
50°	342.0	342.2	344.1	346.2	346.4	345.7	344.7	345.3	347.4	348.7	*348.9*
52.5°	350.2	350.4	352.7	354.8	355.0	353.9	352.7	353.7	355.6	357.1	*357.5*
55°	356.7	357.3	359.6	361.9	362.5	361.1	359.4	360.0	362.1	364.4	*364.6*
57.5°	361.5	361.7	364.6	367.1	368.0	365.9	364.6	364.6	367.1	369.2	*369.7*
60°	364.8	365.7	369.0	372.0	372.4	370.5	368.2	368.6	371.3	373.6	*374.3*
62.5°	367.8	368.6	371.8	375.3	375.7	373.2	370.9	371.1	374.3	376.6	*377.4*
65°	369.2	369.9	373.6	377.2	377.6	375.1	372.4	372.6	375.5	378.3	*378.5*
67.5°	369.7	370.3	374.3	378.5	378.7	376.0	372.8	373.4	376.4	379.1	*379.5*
70°	*369.2*	*370.1*	*374.1*	*378.5*	*378.9*	*375.5*	*372.4*	*372.8*	*376.2*	*378.9*	*379.7*
72.5°	367.8	368.8	372.8	377.4	377.6	374.5	371.3	371.3	375.1	378.1	*378.5*
75°	365.9	366.9	371.3	376.0	376.2	372.8	369.5	369.9	373.4	376.2	*376.6*
77.5°	363.8	364.4	368.8	373.6	374.1	370.5	367.1	367.6	370.9	373.9	*374.3*
80°	360.4	361.1	365.7	370.3	370.7	367.1	363.6	364.4	367.8	370.5	*370.5*
82.5°	356.4	356.9	361.5	366.5	366.7	363.2	360.0	360.4	363.8	366.5	*366.5*
85°	351.8	352.5	357.1	361.9	361.9	358.5	355.2	356.0	359.2	361.7	*362.5*
87.5°	346.8	347.0	351.6	356.0	356.2	352.9	349.9	350.6	353.7	356.0	*356.2*
90°	340.9	341.3	345.7	349.9	350.2	346.8	344.1	344.9	347.4	349.5	*350.2*
92.5°	334.4	335.0	339.2	343.2	343.0	340.1	337.8	338.8	340.9	343.0	*343.0*
95°	327.7	328.5	331.9	335.7	335.3	332.7	330.8	331.7	333.8	335.5	*335.9*
97.5°	320.6	320.8	324.3	327.1	327.1	324.8	323.3	323.9	326.0	327.1	*327.5*
100°	312.8	313.0	315.7	318.5	318.5	316.4	315.3	316.0	317.6	318.5	*318.7*
102.5°	305.0	304.8	307.1	309.5	309.5	307.8	306.9	308.2	309.0	309.7	*310.1*
105°	296.2	296.0	298.1	300.2	299.8	298.8	297.9	299.0	300.0	300.4	*300.4*
107.5°	286.6	287.4	288.7	290.4	290.1	289.3	289.3	289.9	290.6	290.8	*291.0*
110°	278.4	278.2	279.4	280.3	280.5	280.1	280.5	280.7	280.9	280.9	*280.9*

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

Scaled Data Report

REPORT NUMBER: P981297
CATALOG NUMBER: FFX-CLB-20-730-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	269.0	269.0	269.4	270.0	270.2	270.4	270.6	271.5	271.1	271.3	*270.8*
115°	258.7	258.9	259.3	259.5	259.9	260.1	261.2	261.2	261.4	261.0	*260.4*
117.5°	248.4	248.8	248.6	248.4	249.2	249.9	250.5	250.9	250.9	250.1	*249.7*
120°	237.3	236.9	236.9	236.9	237.5	238.5	239.4	239.6	239.4	238.3	*238.1*
122.5°	225.1	225.5	224.9	225.1	225.3	226.8	227.4	227.8	227.2	226.0	*226.4*
125°	212.5	212.9	211.9	211.9	212.9	213.6	214.2	214.8	213.8	213.2	*212.7*
127.5°	199.1	199.1	198.9	198.3	199.5	200.1	201.4	201.4	200.6	199.7	*200.1*
130°	185.5	185.3	185.7	185.3	185.5	186.7	187.8	187.3	186.9	186.5	*186.5*
132.5°	171.4	171.8	171.4	171.2	172.2	172.7	173.7	174.1	173.3	172.2	*172.7*
135°	158.2	158.0	157.8	157.8	158.4	159.4	160.1	159.9	159.9	159.4	*159.0*
137.5°	144.6	145.2	144.8	144.8	145.2	146.2	147.3	147.1	146.9	146.0	*145.6*
140°	132.4	132.0	132.2	132.2	133.2	133.2	134.3	134.3	134.1	133.4	*133.9*
142.5°	120.2	120.0	120.8	120.4	120.8	121.9	122.3	122.1	121.7	121.9	*122.1*
145°	109.1	109.3	109.1	109.3	109.9	110.6	111.4	111.0	111.0	110.4	*110.1*
147.5°	98.6	98.6	98.4	99.2	99.4	100.3	100.5	100.7	100.3	99.9	*100.5*
150°	89.4	89.2	89.2	89.4	89.8	90.4	90.8	90.8	91.1	90.6	*90.4*
152.5°	80.8	80.4	80.6	81.0	81.2	81.8	81.8	82.2	82.0	81.8	*81.8*
155°	73.0	73.2	73.2	73.4	73.8	74.1	74.5	74.3	74.5	74.3	*74.3*
157.5°	66.7	67.1	67.1	67.3	67.1	67.3	67.6	67.8	67.8	67.8	*67.8*
160°	61.7	61.5	61.5	61.5	61.5	61.7	62.1	61.9	62.1	61.9	*61.7*
162.5°	57.1	57.1	57.1	57.1	57.3	57.3	57.3	57.5	57.3	57.3	*57.3*
165°	53.3	53.5	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	*53.5*
167.5°	50.4	50.6	50.6	50.6	50.6	50.6	50.8	50.6	50.6	50.6	*50.6*
170°	48.0	48.3	48.3	48.0	48.3	48.0	48.0	48.3	48.0	48.0	*48.0*
172.5°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.2	*46.2*
175°	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	*44.9*
177.5°	44.1	44.1	44.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	*44.1*
180°	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	*43.8*

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: SP1-2501-332-4

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

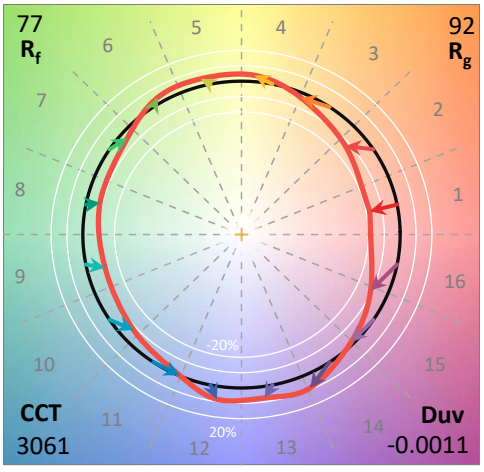
Test Information

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

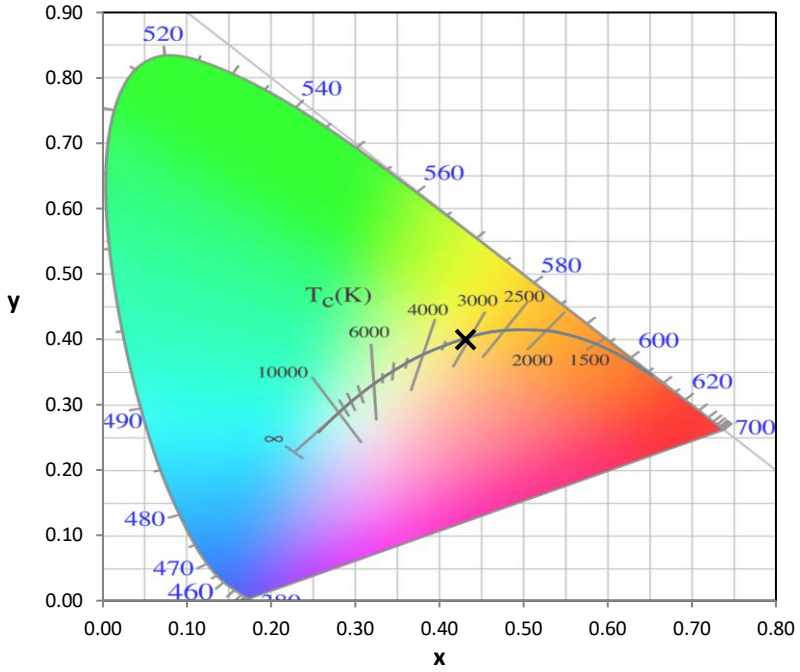
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

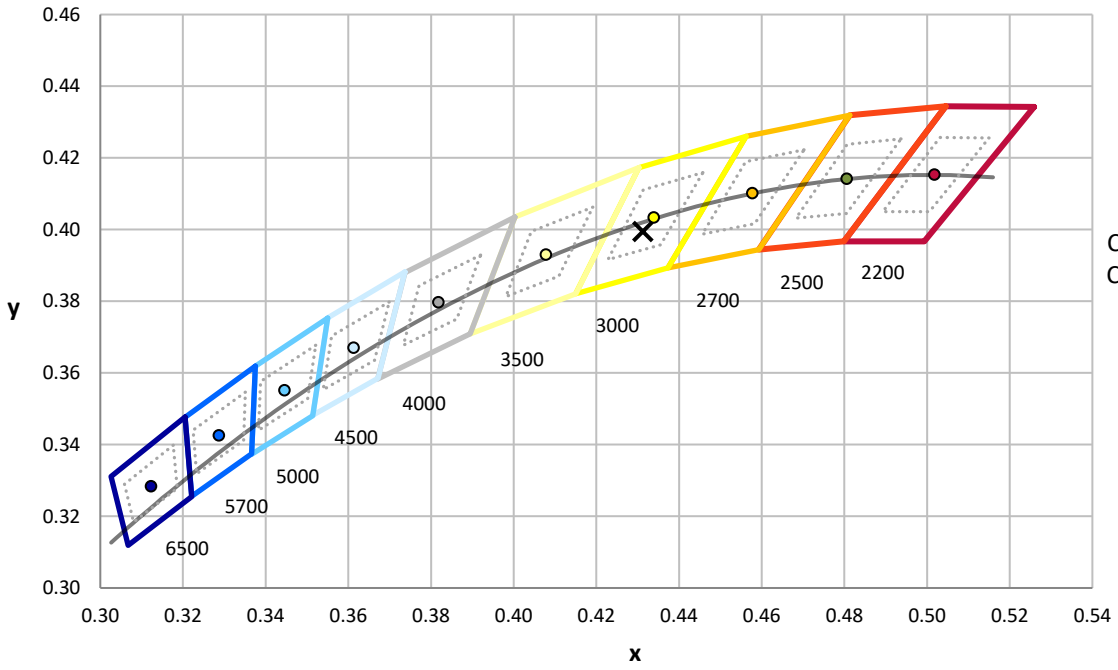
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

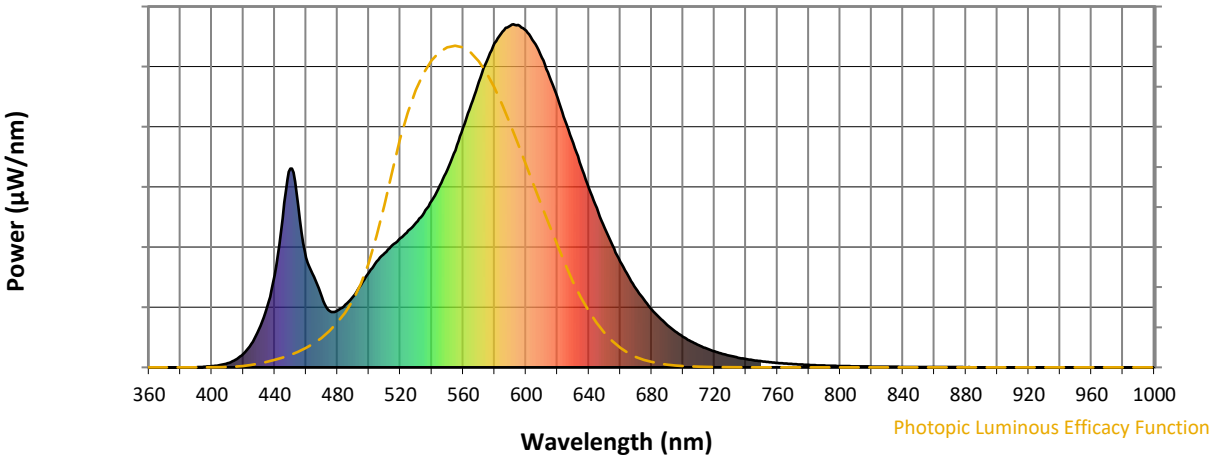


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

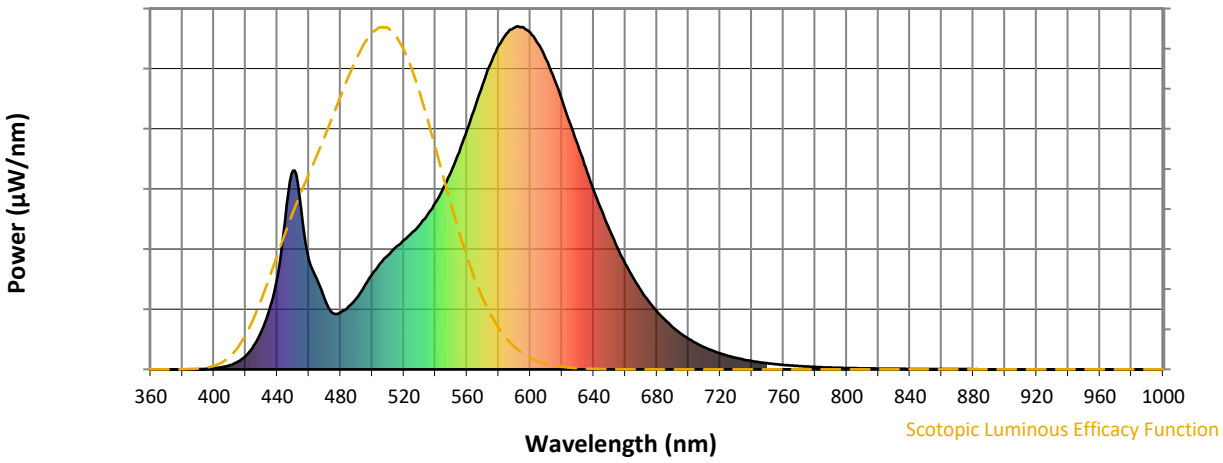


Photopic Lumens: NR

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

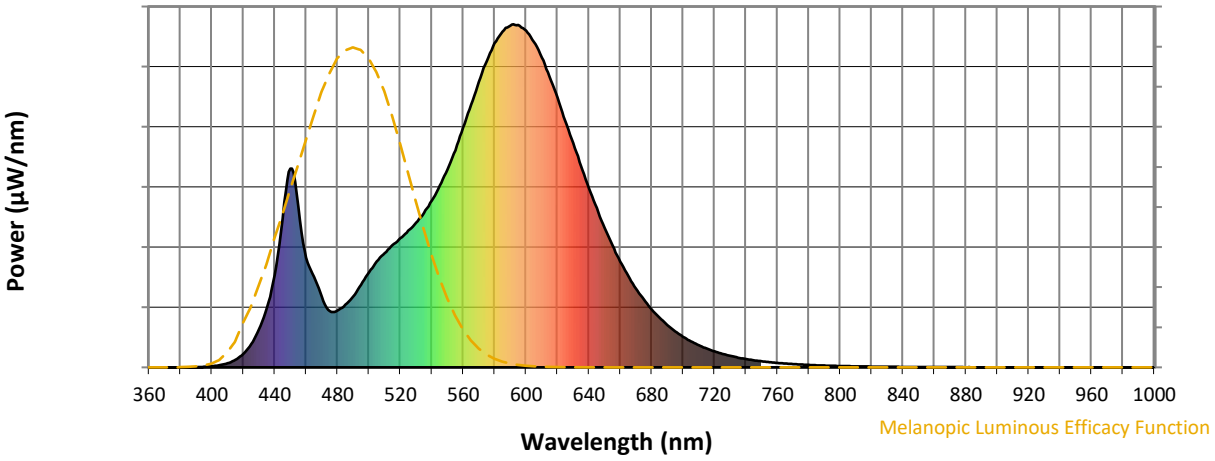


Scotopic Lumens: NR **S/P: 1.29**

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			

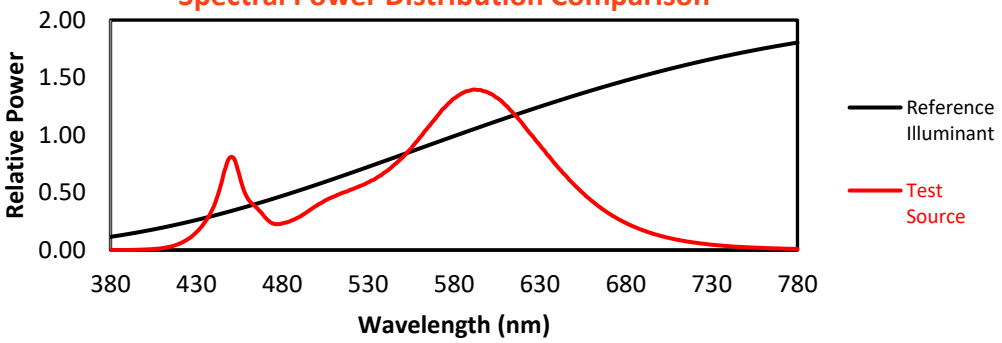
REPORT NUMBER: SP1-2501-332-4

TM-30-18

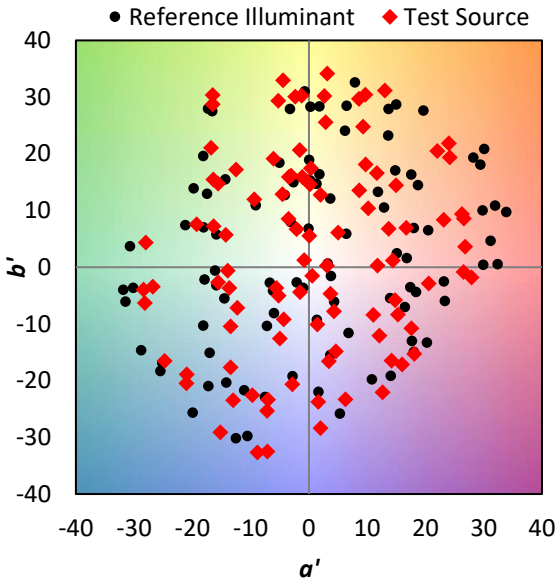
Summary

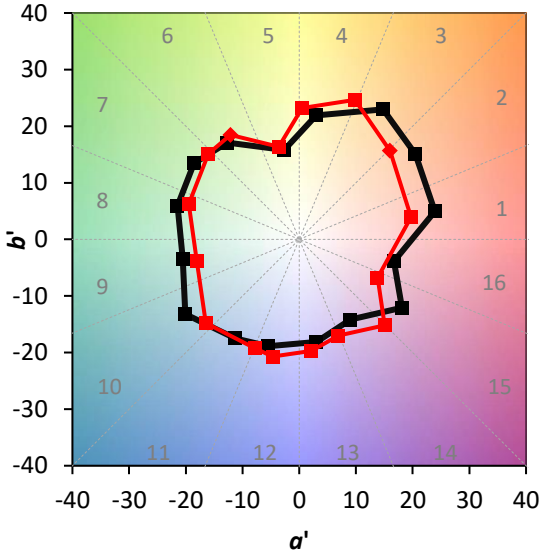
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

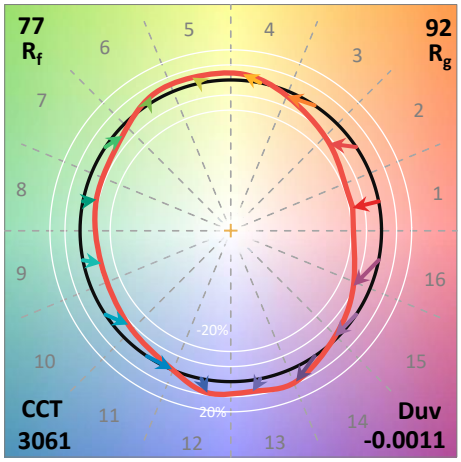
Spectral Power Distribution Comparison

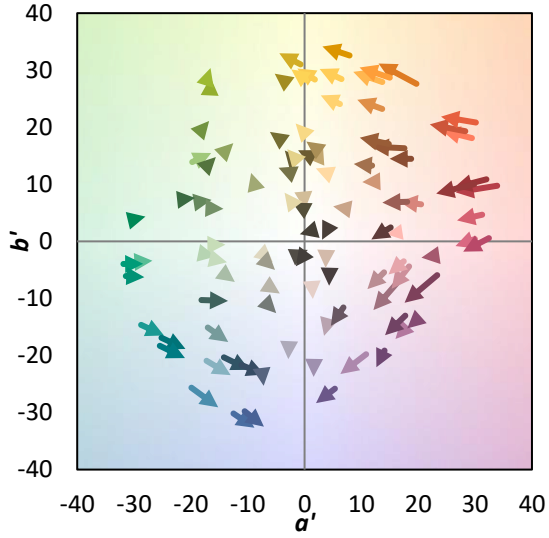


Color Vector Graphics







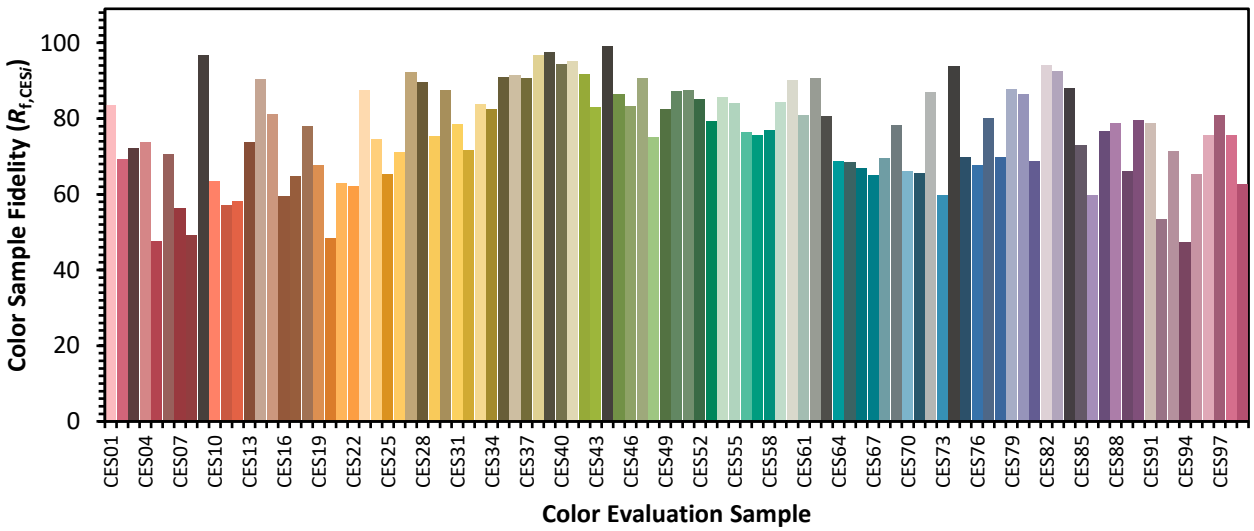


REPORT NUMBER: SP1-2501-332-4

TM-30-18

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

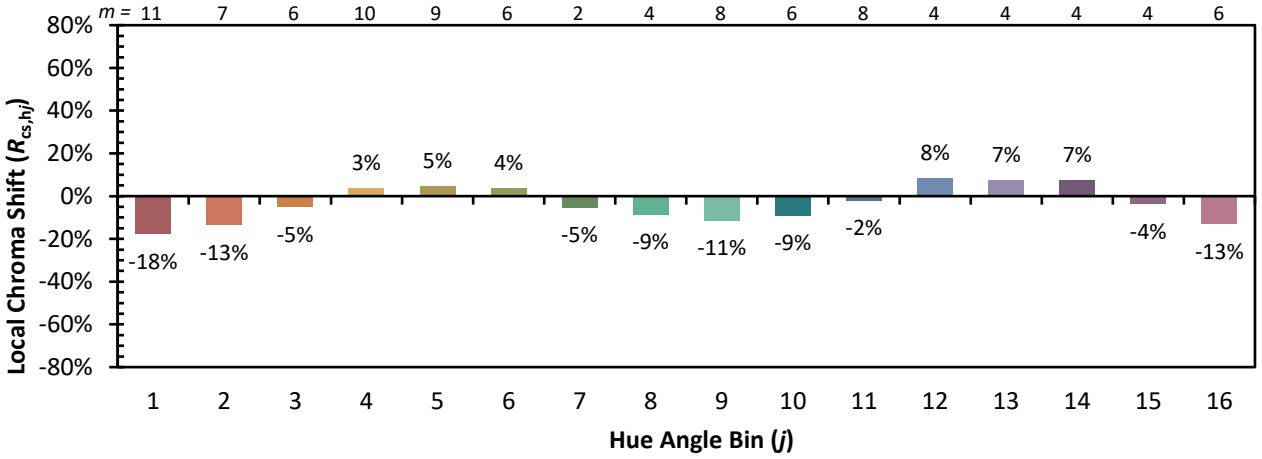
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82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

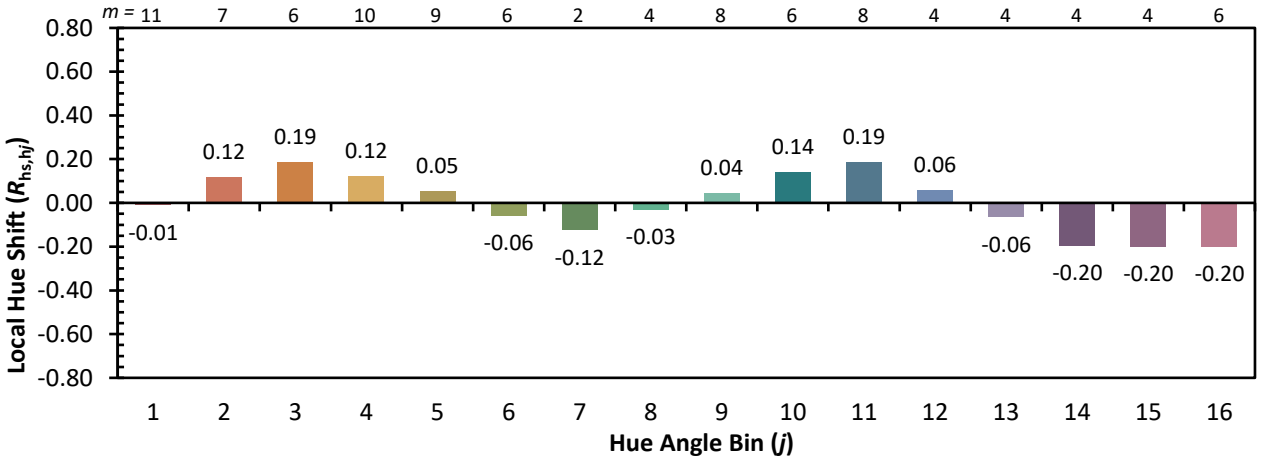


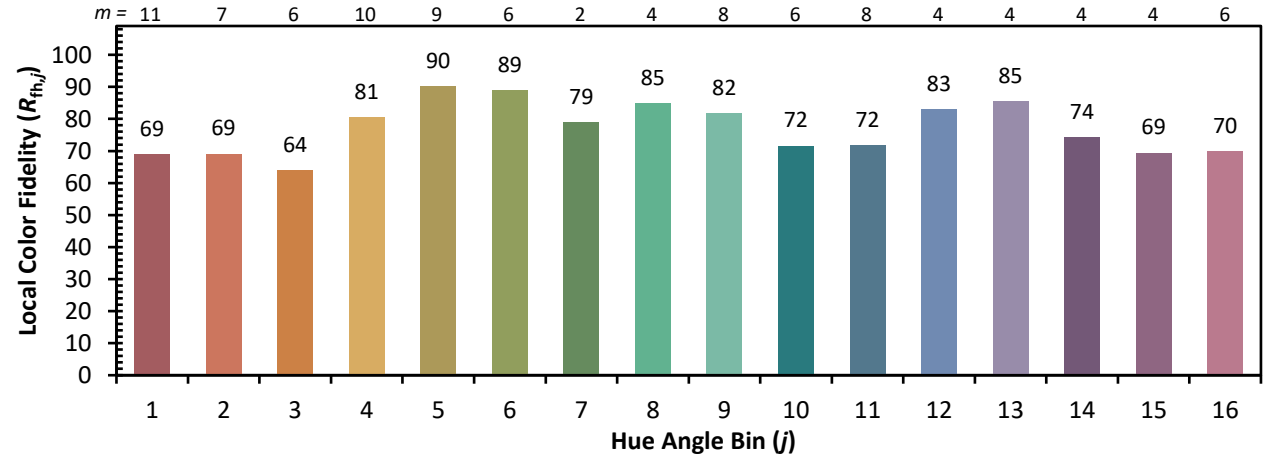
REPORT NUMBER: SP1-2501-332-4

TM-30-18

Color Rendition by Hue-Angle Bin



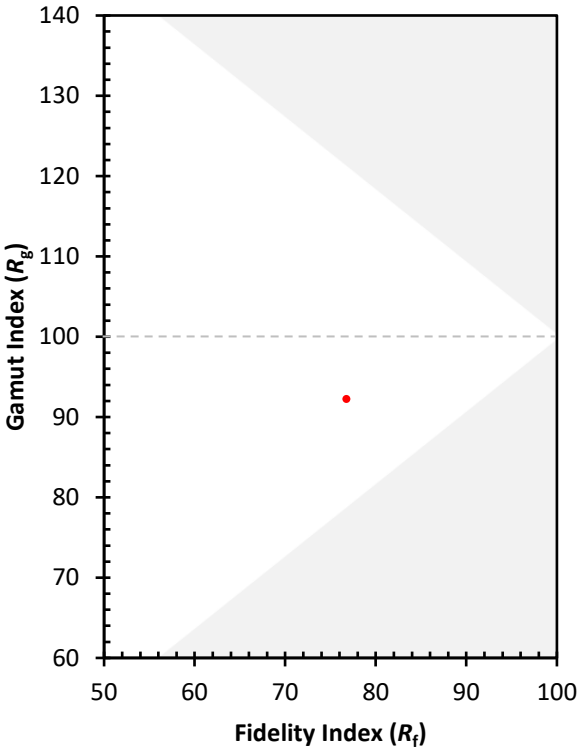


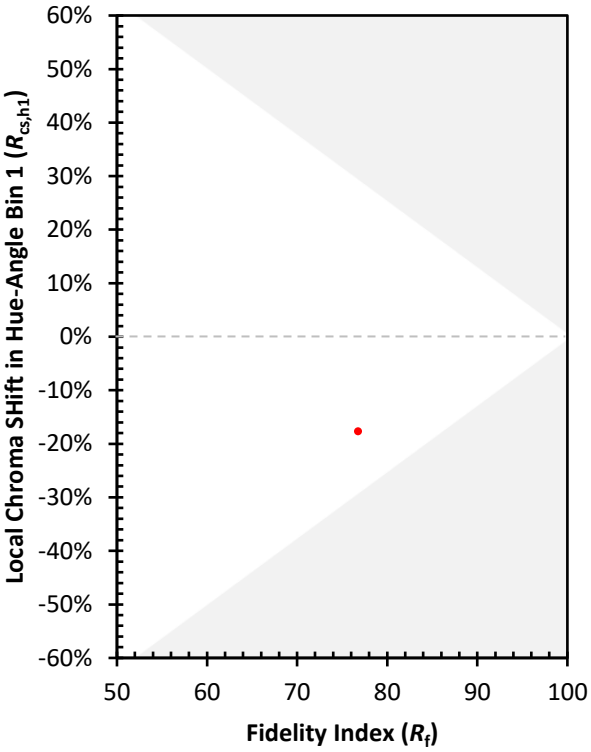


REPORT NUMBER: SP1-2501-332-4

TM-30-18

Measure Comparisons





(END OF REPORT)