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: P981108

Luminaire Tested: **FFX-CLB-20-727-U-FR-T5-UPLR**

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:	P981108
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-727-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2945.3 lumens
Efficiency:	N/A
Efficacy:	148.8 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B2 - U3 - G1

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

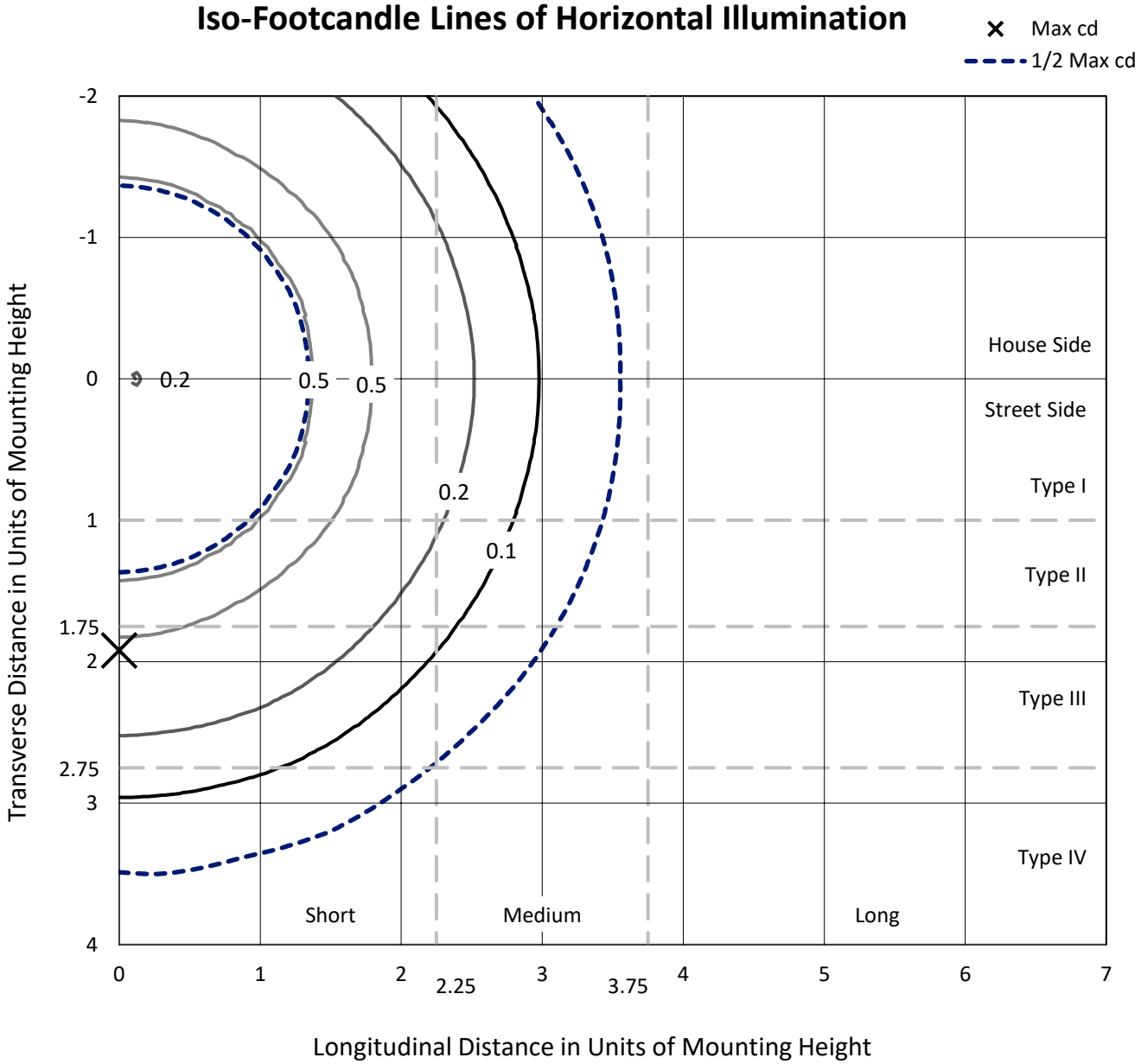


Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P981108
CATALOG NUMBER: FFX-CLB-20-727-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



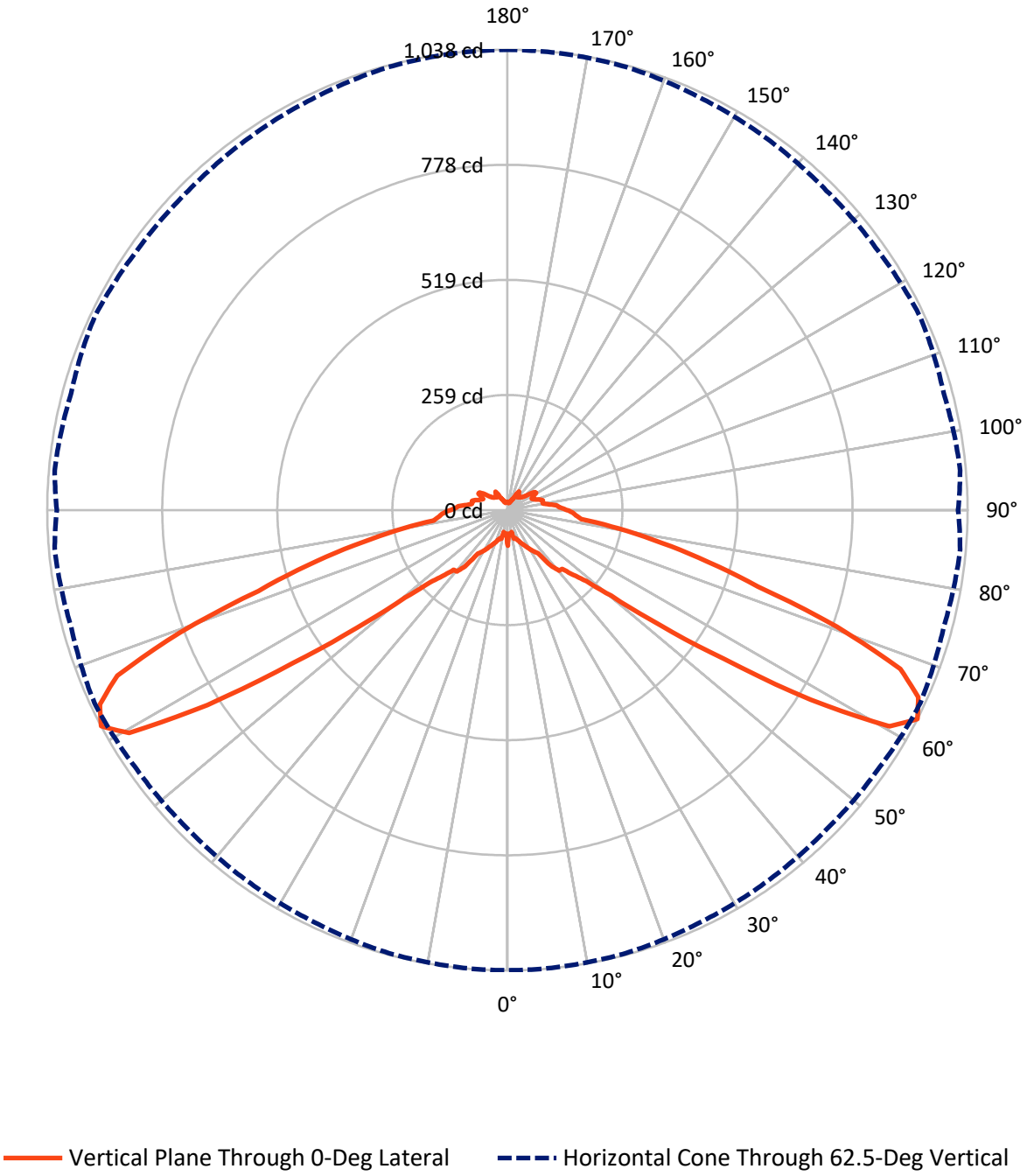
Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P981108
CATALOG NUMBER: FFX-CLB-20-727-U-FR-T5-UPLR

Luminous Intensity Polar Plot



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

Scaled Data Report

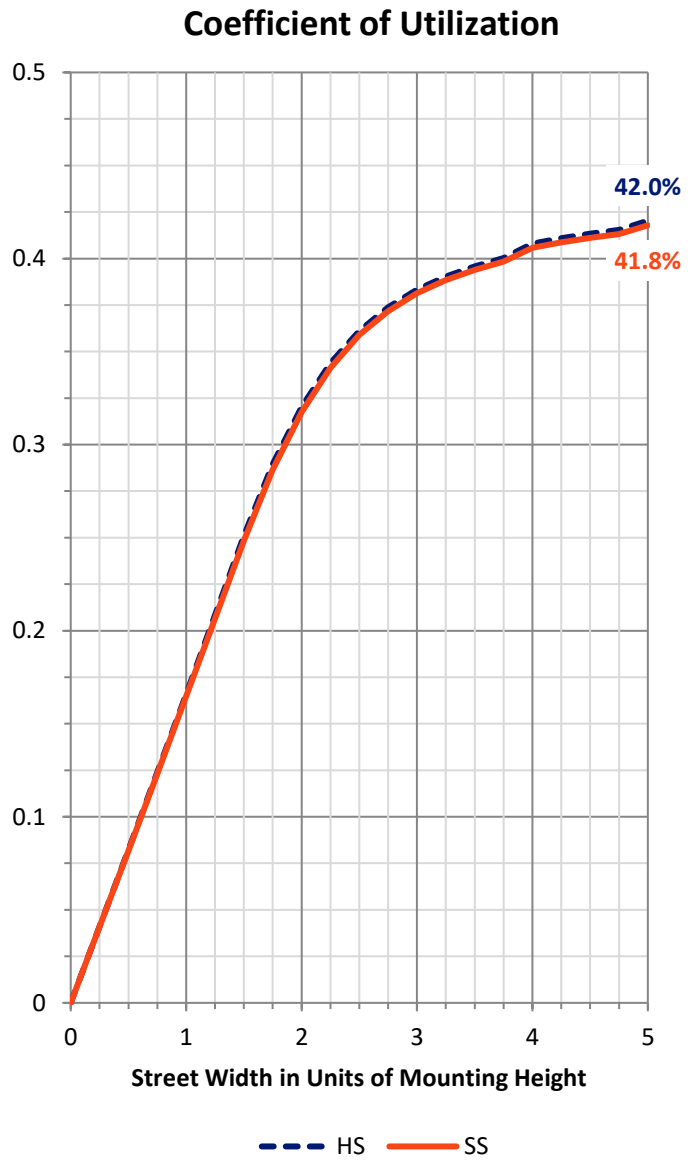
REPORT NUMBER: P981108
CATALOG NUMBER: FFX-CLB-20-727-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1281.9	190.7	1472.7
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	1281.9	190.7	1472.7
	% Fixture	43.5	6.5	50.0
Total	Lumens	2563.9	381.4	2945.3
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.0	0.2
10°-20°	18.7	0.6
20°-30°	40.9	1.4
30°-40°	84.1	2.9
40°-50°	173.7	5.9
50°-60°	567.3	19.3
60°-70°	956.5	32.5
70°-80°	520.7	17.7
80°-90°	196.9	6.7
90°-100°	119.7	4.1
100°-110°	75.5	2.6
110°-120°	57.4	1.9
120°-130°	49.1	1.7
130°-140°	33.0	1.1
140°-150°	27.2	0.9
150°-160°	12.8	0.4
160°-170°	5.1	0.2
170°-180°	1.7	0.1
0°-90°	2563.9	87.0
0°-180°	2945.3	100.0



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

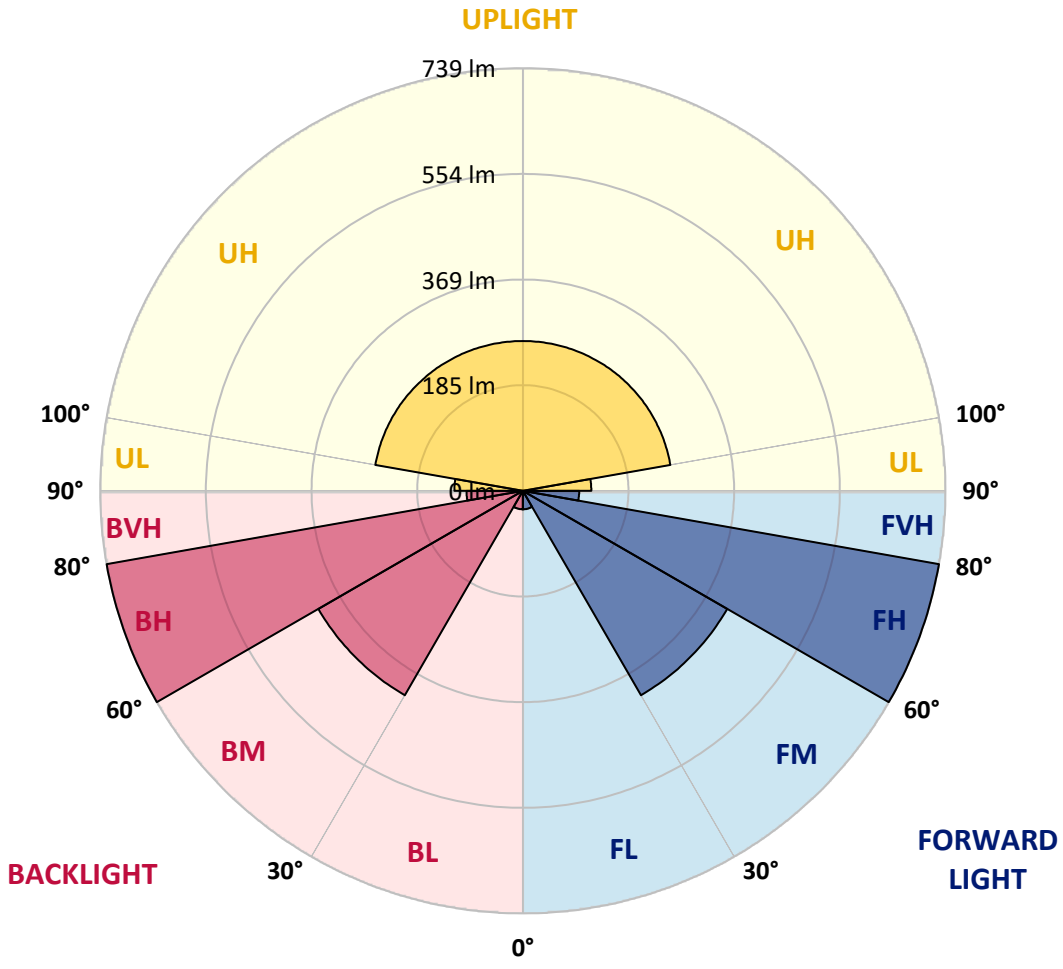
Scaled Data Report

REPORT NUMBER: P981108
CATALOG NUMBER: FFX-CLB-20-727-U-FR-T5-UPLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	32.3	1.1			
FM	(30°-60°)	412.6	14.0			
FH	(60°-80°)	738.6	25.1			G1/1800
FVH	(80°-90°)	98.5	3.3			G1/100
BL	(0°-30°)	32.3	1.1	B0/110		
BM	(30°-60°)	412.6	14.0	B1/1000		
BH	(60°-80°)	738.6	25.1	B2/1000		G1/1800
BVH	(80°-90°)	98.5	3.3			G1/100
UL	(90°-100°)	119.7	4.1		U3/500	
UH	(100°-180°)	261.8	8.9		U3/500	

BUG Rating: B2-U3-G1
Type V Short



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

Scaled Data Report

REPORT NUMBER: P981108
CATALOG NUMBER: FFX-CLB-20-727-U-FR-T5-UPLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	*80.2*	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
2.5°	*53.4*	55.5	67.4	77.1	76.9	70.1	61.4	62.1	67.4	72.0	73.2
5°	*53.8*	53.0	52.4	50.1	49.3	50.5	49.7	47.4	46.4	46.6	50.3
7.5°	*55.9*	55.0	49.3	45.1	44.5	47.0	52.4	52.4	46.6	42.1	41.9
10°	*50.3*	50.1	52.0	54.0	54.6	52.2	49.9	48.7	48.4	48.0	47.6
12.5°	*66.4*	65.6	61.6	59.0	58.6	59.8	61.6	61.0	58.1	56.5	56.5
15°	*66.0*	66.4	67.0	66.0	65.8	66.0	67.0	66.4	65.4	64.3	64.3
17.5°	*69.7*	69.9	70.1	70.5	70.1	69.5	69.5	69.3	69.5	69.9	69.9
20°	*75.3*	75.5	75.5	75.5	75.3	74.2	74.2	74.4	74.2	74.6	74.4
22.5°	*81.6*	81.4	81.4	81.4	80.8	79.8	79.6	79.8	79.2	79.2	79.2
25°	*87.6*	88.0	88.6	88.4	87.4	86.6	86.0	86.2	85.8	85.8	85.8
27.5°	*95.2*	94.8	95.9	95.5	94.6	94.6	94.0	94.0	93.4	93.2	93.0
30°	*103.7*	103.5	103.5	103.7	103.3	102.9	102.9	102.5	101.6	101.8	102.1
32.5°	*112.0*	111.9	111.5	111.7	111.5	110.9	111.9	111.9	111.5	111.7	112.8
35°	*120.2*	121.4	124.1	126.0	126.6	126.4	127.2	128.6	127.6	127.0	127.6
37.5°	*159.0*	158.3	155.4	153.6	154.0	155.0	152.8	151.3	150.3	150.1	151.1
40°	*179.4*	178.7	174.4	174.8	171.9	172.8	173.8	175.2	174.2	172.1	172.1
42.5°	*181.2*	181.4	187.4	196.5	193.8	188.0	182.5	185.3	189.3	191.9	192.8
45°	*208.0*	210.5	210.5	211.1	211.3	211.5	207.6	209.3	212.6	216.7	216.5
47.5°	*238.9*	240.4	241.4	242.5	242.0	242.5	247.6	246.2	249.9	249.5	249.1
50°	*303.5*	310.1	311.3	315.8	313.0	313.6	322.9	323.7	323.7	323.1	323.9
52.5°	*430.7*	436.5	435.6	425.7	430.5	439.3	449.4	442.2	452.5	447.4	445.1
55°	*592.3*	592.5	598.9	612.7	619.1	612.3	617.7	604.3	626.8	629.6	622.8
57.5°	*806.7*	810.7	812.1	815.6	810.5	809.8	813.7	805.3	815.8	805.5	809.6
60°	*990.0*	984.7	969.8	948.6	950.9	959.3	974.4	969.2	961.8	947.5	944.2
62.5°	*1037.7*	*1037.0*	*1033.9*	*1026.1*	*1021.4*	*1017.7*	*1019.7*	*1027.7*	*1018.3*	*1024.7*	*1016.2*
65°	*1018.1*	1017.6	1020.5	1027.3	1022.2	1009.8	998.9	1011.9	1006.1	1027.5	1021.2
67.5°	*955.4*	952.9	950.0	962.6	954.6	936.8	928.8	930.0	926.5	947.8	941.6
70°	*788.0*	783.9	789.4	809.4	797.9	782.0	772.9	776.8	777.7	791.3	793.5
72.5°	*590.5*	595.6	601.0	614.4	611.7	603.0	608.0	613.8	619.5	624.5	622.4
75°	*467.4*	473.4	462.6	469.2	466.8	473.6	478.3	481.0	480.4	475.2	472.9
77.5°	*355.4*	360.2	357.7	355.8	357.5	364.3	379.1	377.3	369.0	360.0	361.8
80°	*255.6*	264.1	265.1	264.3	268.0	269.0	281.4	278.1	271.3	271.1	273.0
82.5°	*167.4*	171.3	183.5	194.4	197.3	192.4	200.6	203.7	205.5	205.6	205.1
85°	*155.0*	159.2	156.3	162.1	163.5	164.9	166.2	167.4	169.3	171.1	171.9
87.5°	*146.4*	153.4	153.0	156.9	156.5	159.2	161.8	162.5	160.2	157.7	156.9
90°	*130.9*	136.5	138.7	141.0	142.1	141.8	143.9	143.9	142.3	141.2	140.8
92.5°	*117.5*	120.6	122.5	125.4	126.2	125.8	128.0	127.0	127.2	127.6	128.0
95°	*111.1*	112.4	111.9	113.0	111.5	110.1	110.9	109.7	109.1	108.2	108.2
97.5°	*92.8*	92.6	92.6	93.0	92.2	91.1	91.7	91.5	91.7	91.7	90.9
100°	*81.4*	81.2	80.0	79.8	79.6	79.2	78.6	78.8	78.8	78.6	78.8
102.5°	*81.2*	79.4	76.9	74.2	74.2	73.6	73.8	73.6	73.4	72.2	71.7
105°	*82.7*	80.0	75.7	70.3	69.5	69.7	70.3	70.1	69.3	68.2	67.4
107.5°	*76.5*	73.4	70.9	67.4	66.4	66.2	66.6	66.8	66.0	64.5	63.3
110°	*67.8*	66.6	65.4	64.1	63.1	62.9	62.9	62.9	62.1	61.6	60.2

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

Scaled Data Report

REPORT NUMBER: P981108
CATALOG NUMBER: FFX-CLB-20-727-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*63.9*	62.5	61.2	60.0	59.4	59.2	58.8	58.5	57.9	57.3	56.5
115°	*60.2*	60.2	59.2	55.0	54.0	53.8	53.6	53.6	53.6	53.6	53.4
117.5°	*65.2*	64.7	61.0	55.5	53.8	52.8	52.0	52.4	52.2	53.6	53.2
120°	*74.8*	70.5	62.5	58.6	57.1	56.3	56.5	56.7	56.5	56.1	55.3
122.5°	*74.0*	69.3	64.5	61.6	59.8	59.6	60.4	60.2	58.5	55.7	53.6
125°	*65.1*	62.5	59.6	56.9	55.9	55.5	55.9	55.3	54.2	52.8	50.7
127.5°	*50.5*	50.1	48.5	47.4	47.6	48.2	49.1	49.1	48.5	47.8	46.6
130°	*45.2*	44.9	45.1	45.4	45.2	45.2	44.3	43.5	44.9	46.0	45.4
132.5°	*41.8*	41.9	43.9	46.8	46.2	44.7	42.3	41.9	44.1	46.4	46.2
135°	*40.2*	40.4	41.9	44.9	44.1	42.1	41.2	41.4	42.5	43.7	43.5
137.5°	*40.2*	40.2	39.8	40.8	40.8	40.8	40.6	41.2	41.9	41.9	41.4
140°	*39.6*	40.0	38.8	39.0	39.6	40.2	40.4	41.2	41.4	41.2	40.4
142.5°	*36.3*	36.7	37.9	39.4	39.8	40.2	41.4	41.2	41.2	41.2	40.8
145°	*44.7*	44.7	45.6	47.0	46.4	45.6	46.0	46.2	46.6	47.0	46.6
147.5°	*49.3*	49.3	48.2	47.8	46.8	46.8	48.0	47.8	47.6	47.2	47.4
150°	*40.8*	40.6	39.6	39.2	39.2	38.8	39.4	39.4	38.8	38.4	38.6
152.5°	*29.1*	29.3	28.9	29.3	29.9	30.5	31.1	31.5	31.5	31.5	31.1
155°	*26.4*	26.0	25.8	26.2	26.4	26.2	25.8	25.8	25.8	25.4	25.2
157.5°	*22.9*	22.7	22.5	22.7	22.7	22.9	23.1	23.3	23.3	22.9	22.7
160°	*19.8*	19.8	19.8	20.0	20.0	19.8	19.6	19.8	20.2	20.2	20.2
162.5°	*17.9*	18.1	18.3	18.6	18.6	18.3	17.9	17.9	18.3	18.6	18.6
165°	*16.5*	16.5	16.9	17.7	17.9	17.3	16.7	16.7	17.3	18.1	18.3
167.5°	*16.5*	16.7	17.3	17.9	17.7	17.1	16.5	16.5	17.1	17.7	17.7
170°	*17.7*	17.7	17.5	17.3	17.1	17.1	17.1	17.3	17.5	17.3	17.3
172.5°	*18.6*	18.4	17.9	17.3	17.1	17.7	18.1	17.9	17.7	17.3	17.3
175°	*19.0*	18.8	18.4	18.1	18.1	18.4	18.6	18.3	17.9	17.7	17.5
177.5°	*17.1*	17.1	16.9	16.9	17.1	16.9	16.9	16.9	16.7	16.5	16.3
180°	*14.8*	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8

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: SP1-2501-332-3

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-727-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-727-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

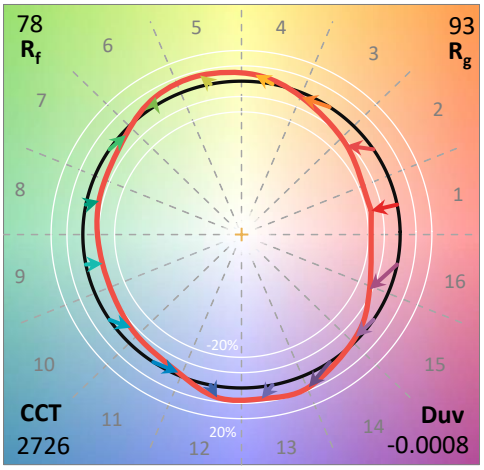
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-3
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-100-727-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2726	CRI (Ra):	72.7		
CIE u':	0.2616	R1:	69.3	R9:	-32.4
CIE v':	0.5257	R2:	86.2	R10:	70.6
Duv:	-0.0008	R3:	92.5	R11:	63.6
CIE x:	0.4564	R4:	67.2	R12:	64.8
CIE y:	0.4077	R5:	69.7	R13:	72.8
CIE z:	0.1358	R6:	82.9	R14:	96.1
Peak Wavelength (nm):	599	R7:	74.2	R15:	60.3
Dominant Wavelength (nm):	584	R8:	39.5		
Purity:	59.39437				

Rf:	77.8
Rg:	93.1



Test Conditions

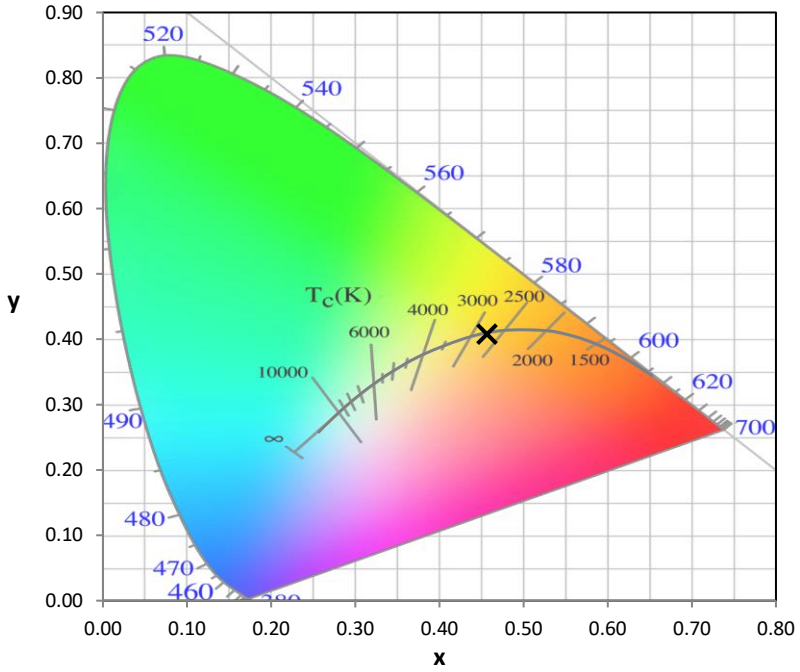
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

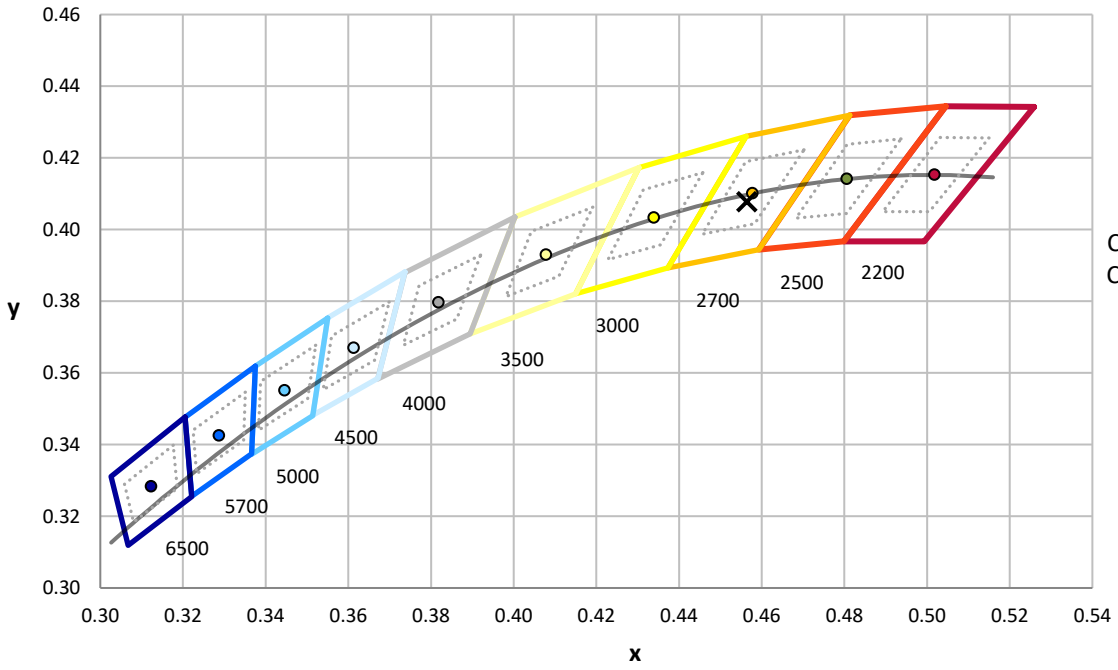
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-3

CIE 1931 Chromaticity Diagram



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

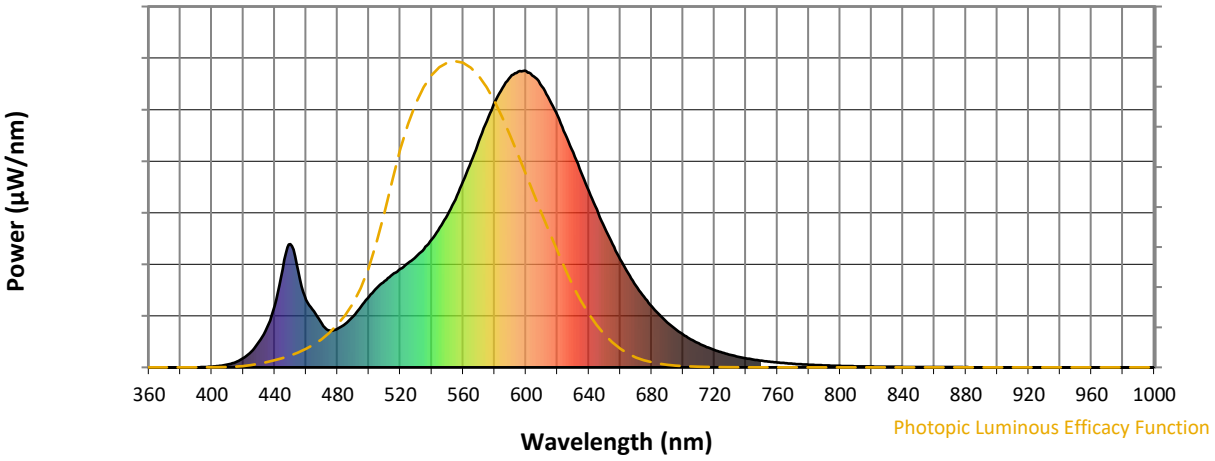


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

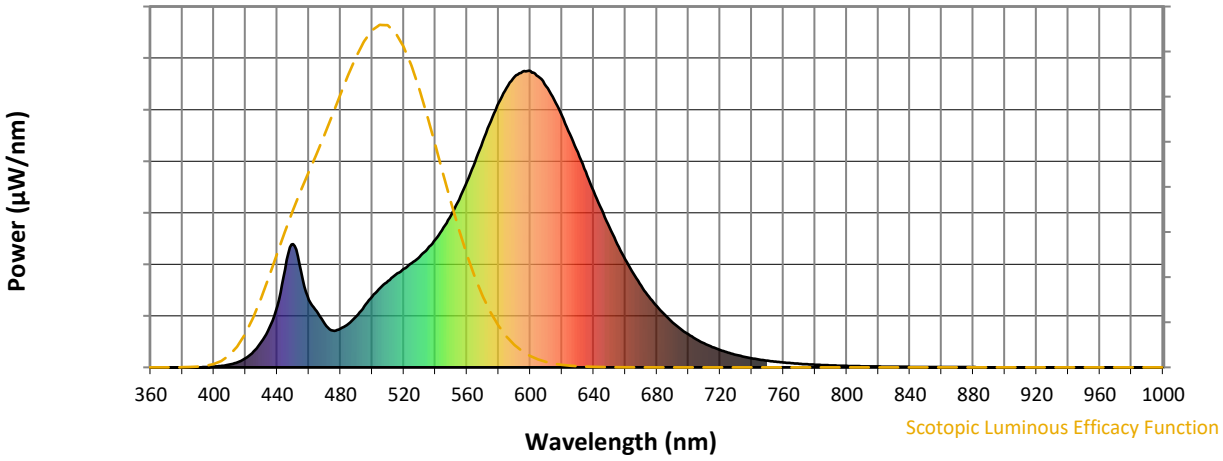


Photopic Lumens: NR

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-3

Scotopic Flux vs. Wavelength

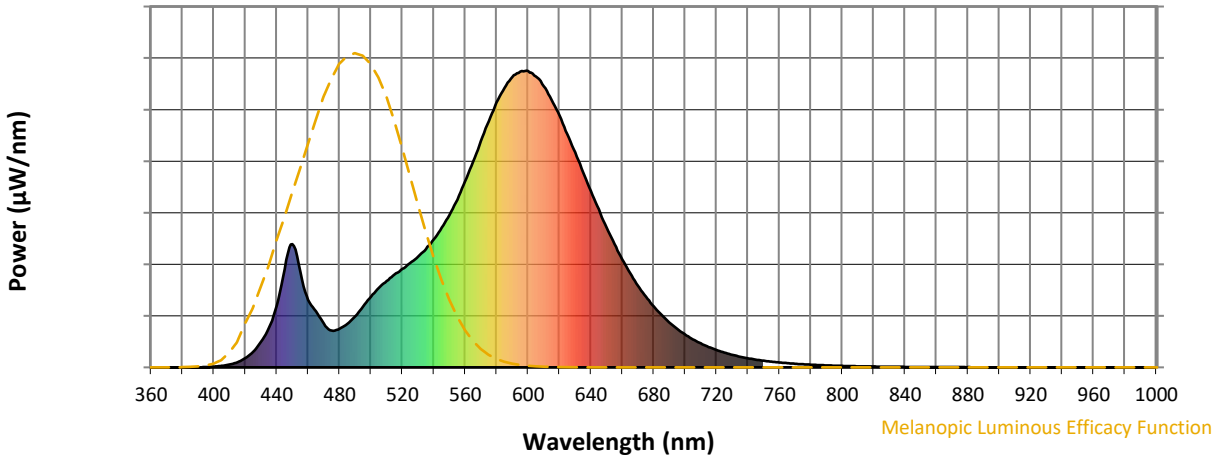


Scotopic Lumens: NR **S/P: 1.16**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.15**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

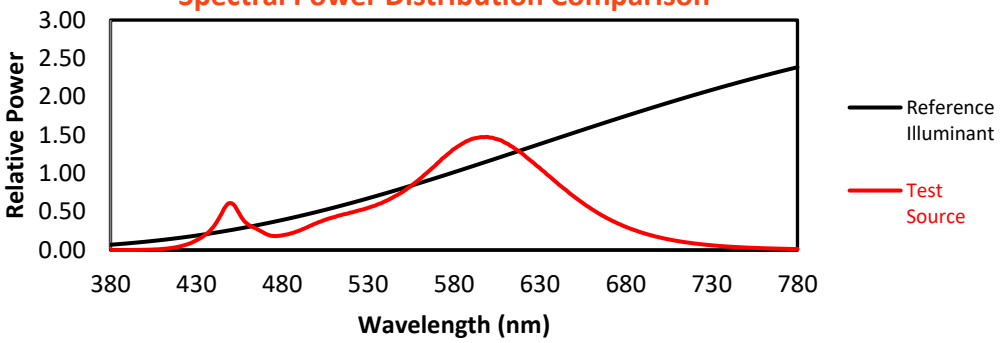
REPORT NUMBER: SP1-2501-332-3

TM-30-18

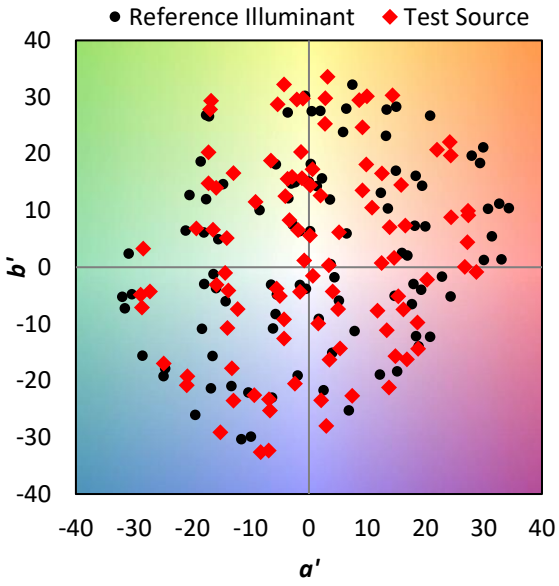
Summary

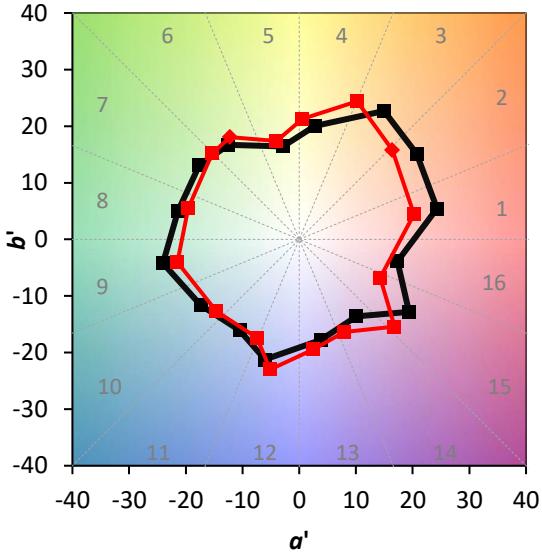
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

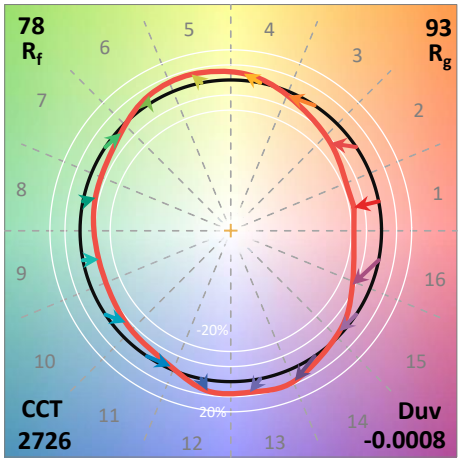
Spectral Power Distribution Comparison

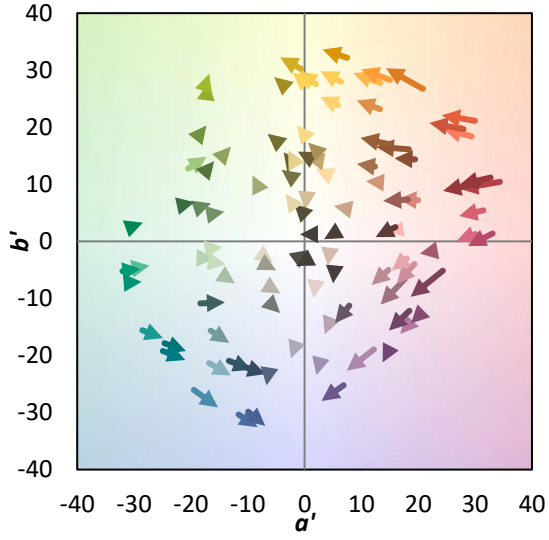


Color Vector Graphics







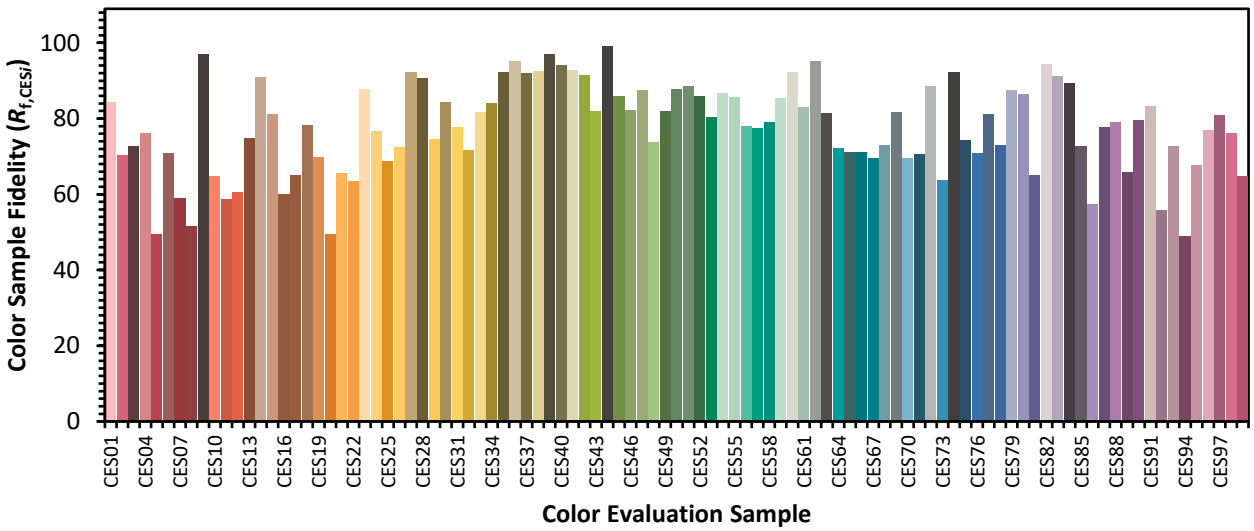


REPORT NUMBER: SP1-2501-332-3

TM-30-18

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

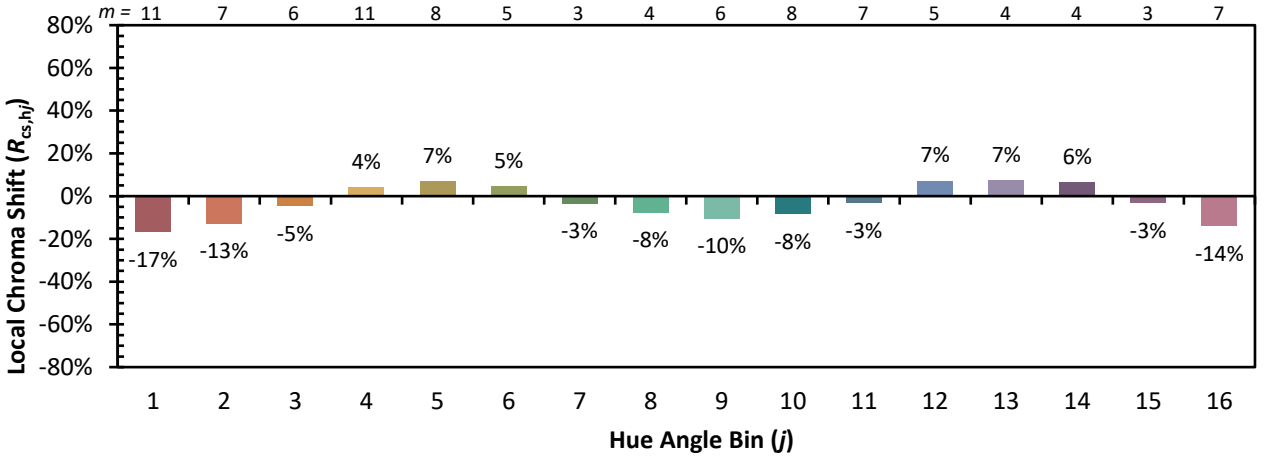
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82 = 94
CES08 = 41	CES33 = 82	CES58 = 79	CES83 = 91
CES09 = 29	CES34 = 84	CES59 = 85	CES84 = 89
CES10 = 77	CES35 = 92	CES60 = 92	CES85 = 73
CES11 = 60	CES36 = 95	CES61 = 83	CES86 = 57
CES12 = 66	CES37 = 92	CES62 = 95	CES87 = 78
CES13 = 44	CES38 = 93	CES63 = 82	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 66
CES15 = 72	CES40 = 94	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 93	CES66 = 71	CES91 = 83
CES17 = 51	CES42 = 92	CES67 = 69	CES92 = 56
CES18 = 57	CES43 = 82	CES68 = 73	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 82	CES94 = 49
CES20 = 67	CES45 = 86	CES70 = 70	CES95 = 68
CES21 = 87	CES46 = 82	CES71 = 71	CES96 = 77
CES22 = 80	CES47 = 88	CES72 = 89	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 64	CES98 = 76
CES24 = 91	CES49 = 82	CES74 = 92	CES99 = 65
CES25 = 73	CES50 = 88	CES75 = 74	

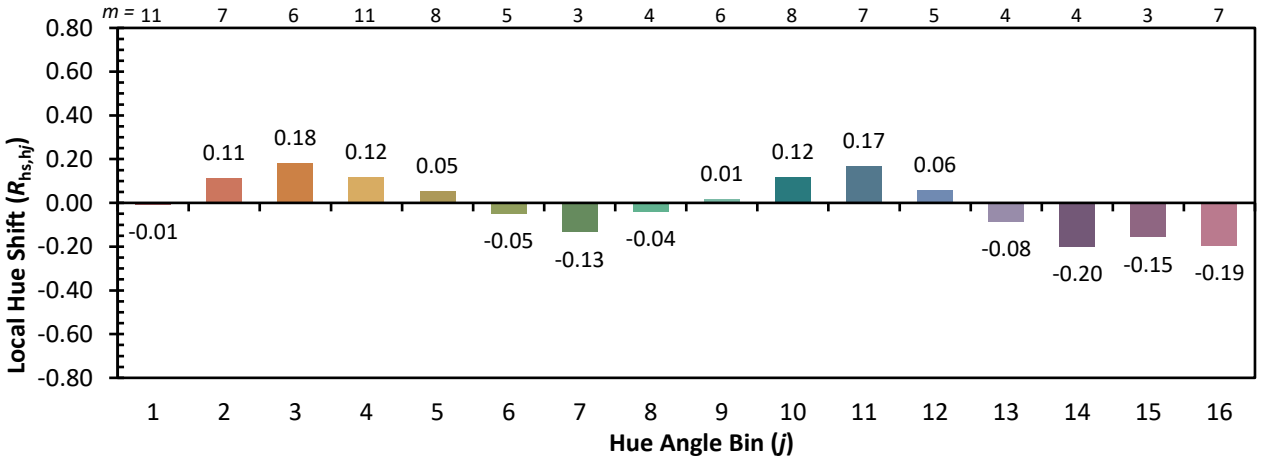


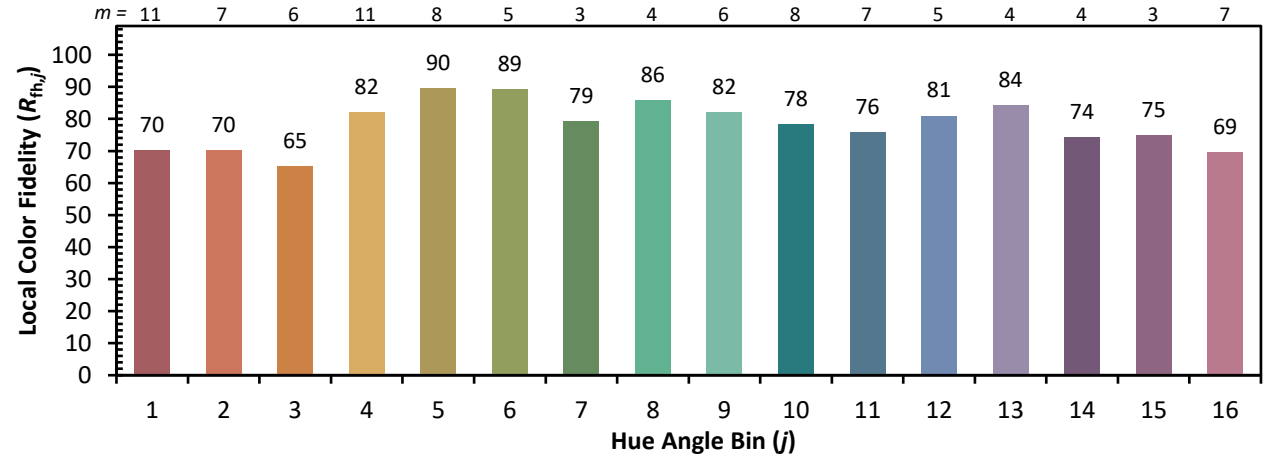
REPORT NUMBER: SP1-2501-332-3

TM-30-18

Color Rendition by Hue-Angle Bin



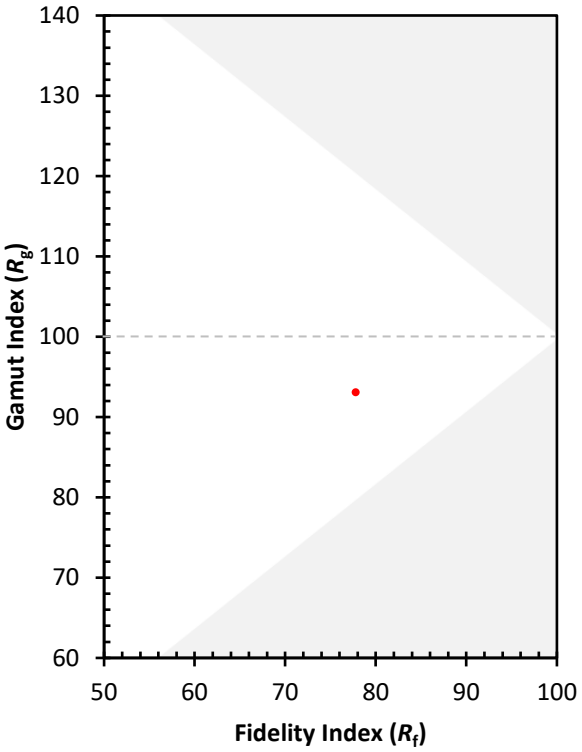


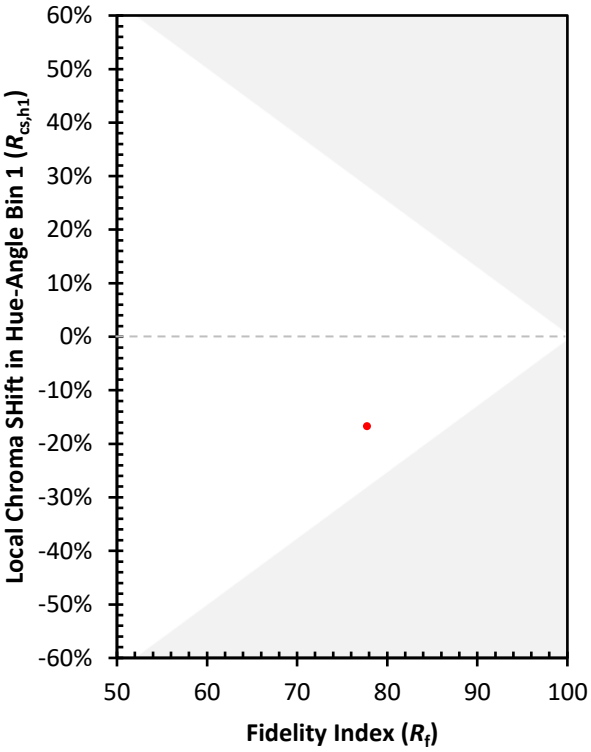


REPORT NUMBER: SP1-2501-332-3

TM-30-18

Measure Comparisons





(END OF REPORT)