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: P981250

Luminaire Tested: **FFX-CLB-40-730-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:	P981250
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-40-730-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:	6502 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):	39.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

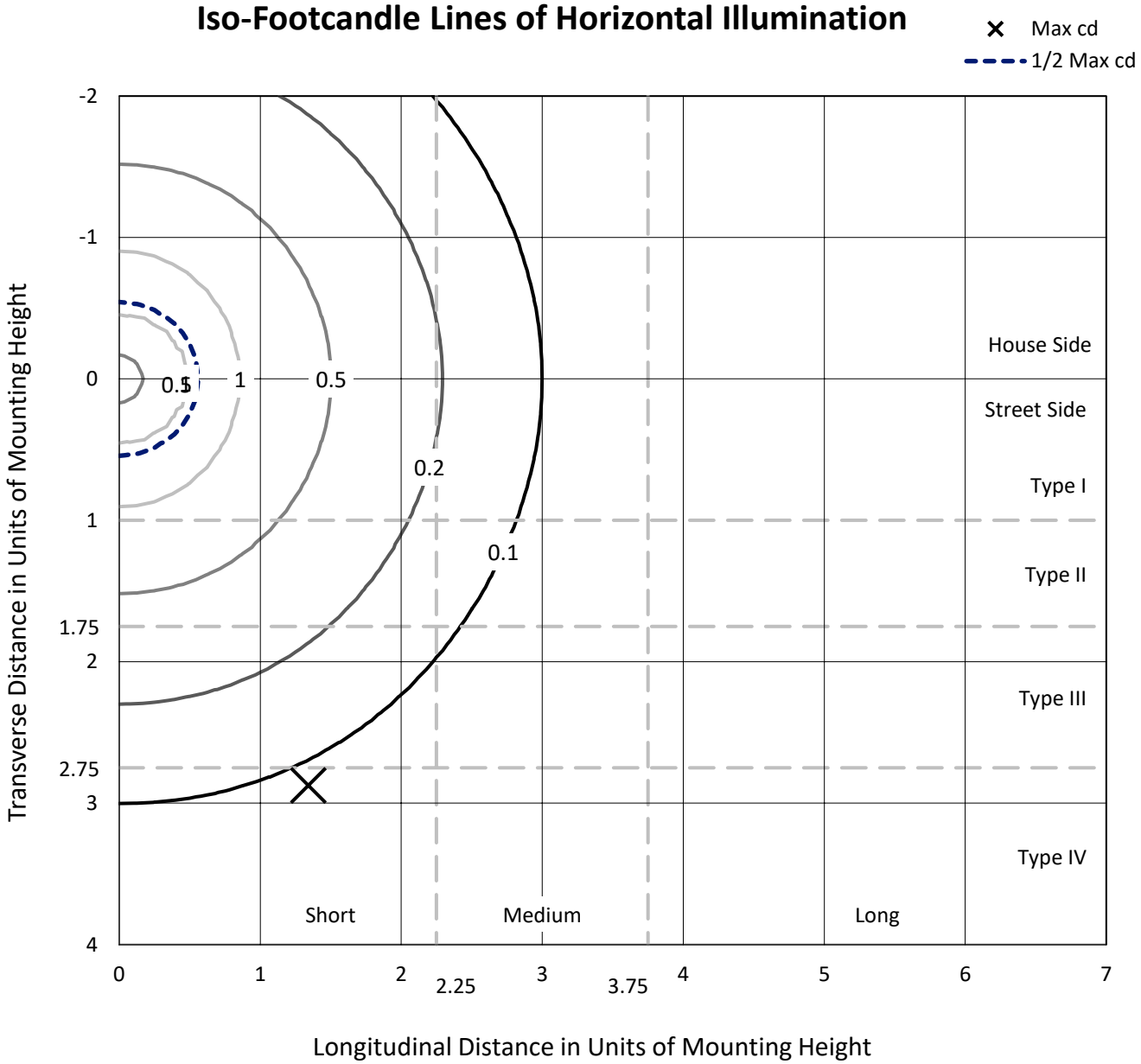


Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P981250
CATALOG NUMBER: FFX-CLB-40-730-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



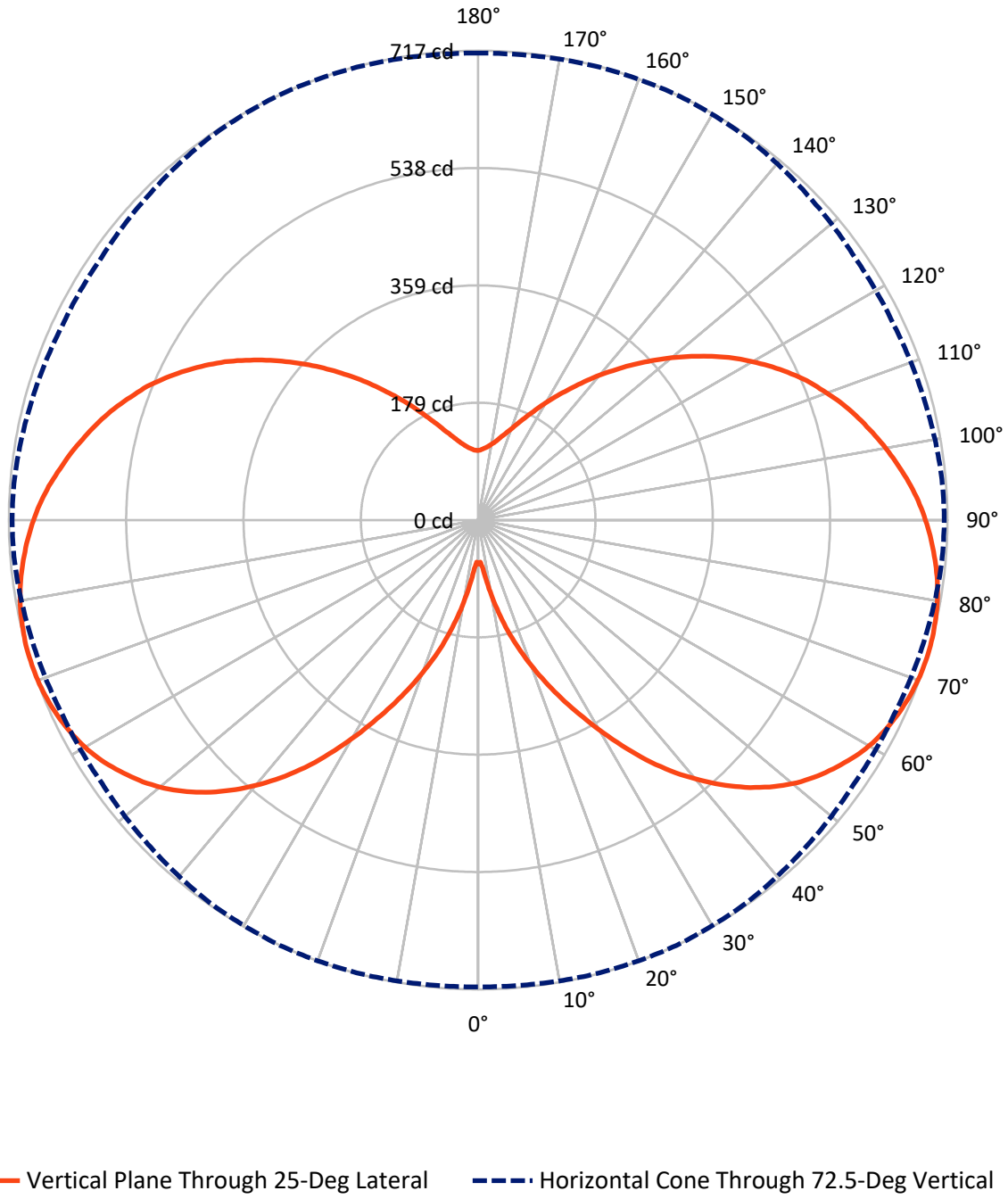
Based on 15 foot mounting height. Maximum calculated value = 1.1 fc
Type V - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P981250
CATALOG NUMBER: FFX-CLB-40-730-U-VM8-T5

Luminous Intensity Polar Plot



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

Scaled Data Report

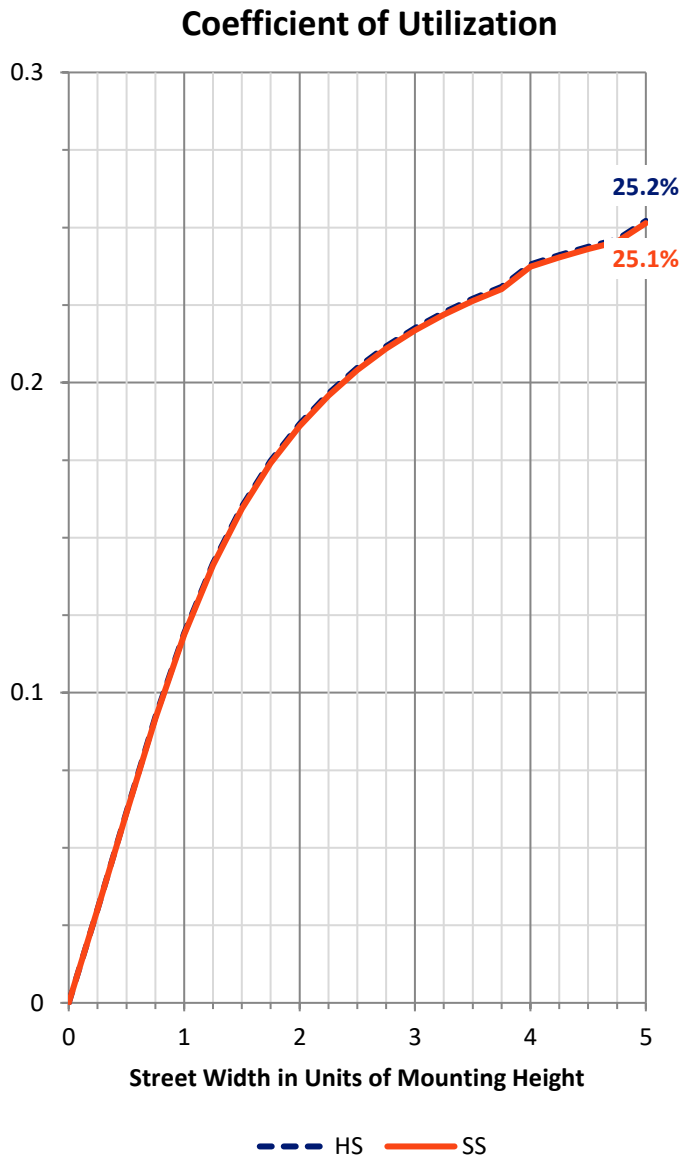
REPORT NUMBER: P981250
CATALOG NUMBER: FFX-CLB-40-730-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1860.0	1391.0	3251.0
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	1860.0	1391.0	3251.0
	% Fixture	28.6	21.4	50.0
Total	Lumens	3720.0	2782.0	6502.0
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	0.1
10°-20°	52.9	0.8
20°-30°	143.2	2.2
30°-40°	282.6	4.3
40°-50°	445.3	6.8
50°-60°	590.0	9.1
60°-70°	693.7	10.7
70°-80°	749.5	11.5
80°-90°	754.1	11.6
90°-100°	710.0	10.9
100°-110°	627.6	9.7
110°-120°	517.4	8.0
120°-130°	386.7	5.9
130°-140°	258.2	4.0
140°-150°	153.4	2.4
150°-160°	80.7	1.2
160°-170°	37.2	0.6
170°-180°	10.7	0.2
0°-90°	3720.0	57.2
0°-180°	6502.0	100.0



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

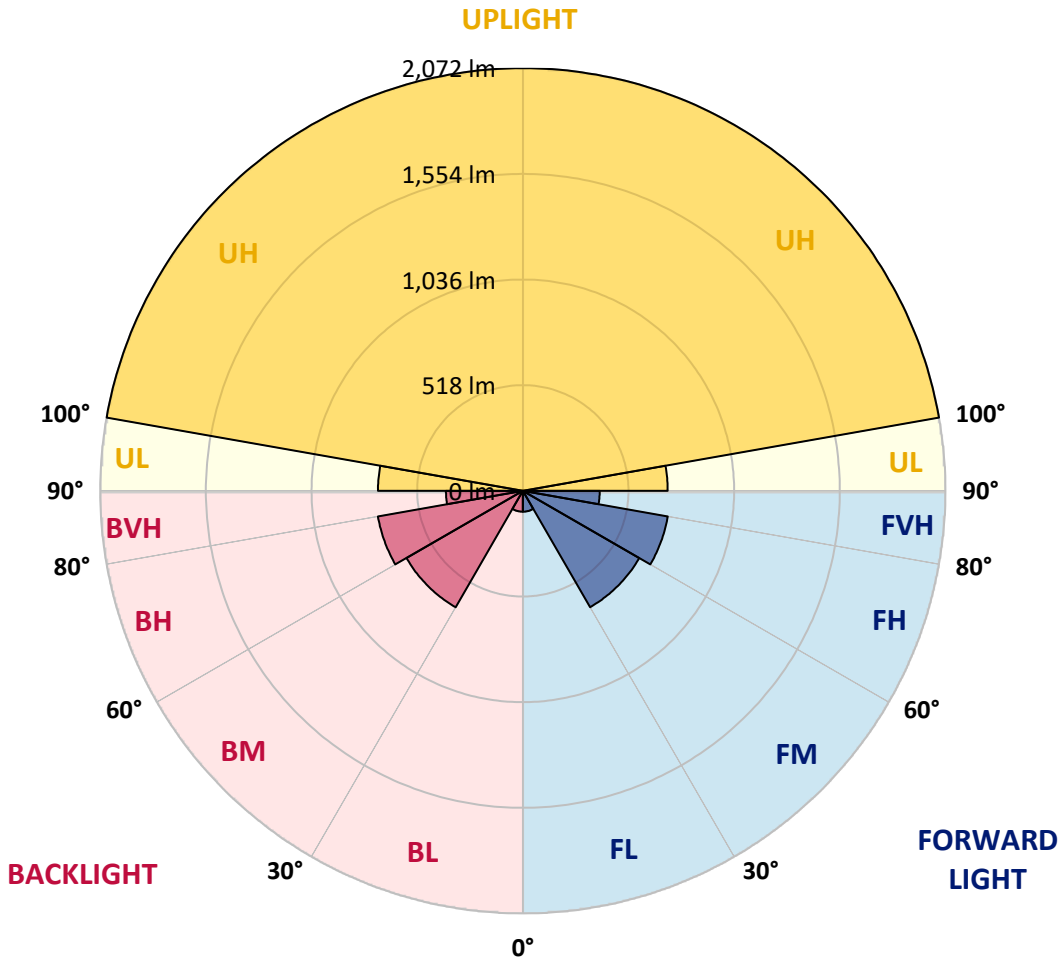
Scaled Data Report

REPORT NUMBER: P981250
CATALOG NUMBER: FFX-CLB-40-730-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	102.4	1.6			
FM	(30°-60°)	659.0	10.1			
FH	(60°-80°)	721.6	11.1			G1/1800
FVH	(80°-90°)	377.1	5.8			G3/500
BL	(0°-30°)	102.4	1.6	B0/110		
BM	(30°-60°)	659.0	10.1	B1/1000		
BH	(60°-80°)	721.6	11.1	B2/1000		G1/1800
BVH	(80°-90°)	377.1	5.8			G3/500
UL	(90°-100°)	710.0	10.9		U4/1000	
UH	(100°-180°)	2072.0	31.9		U5	

BUG Rating: B2-U5-G3
Type V Short



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

Scaled Data Report

REPORT NUMBER: P981250
CATALOG NUMBER: FFX-CLB-40-730-U-VM8-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
2.5°	63.5	63.5	63.9	64.3	64.7	65.1	65.5	65.9	66.3	65.9	65.9
5°	73.2	74.1	74.1	74.1	73.7	74.1	74.9	74.9	75.7	75.3	74.9
7.5°	94.0	96.0	96.0	95.6	95.2	95.6	95.2	95.2	95.2	94.8	95.6
10°	122.5	121.7	122.1	121.7	120.9	121.3	121.7	120.9	120.9	120.9	120.9
12.5°	150.2	149.7	151.0	150.6	151.0	149.7	150.6	149.7	149.7	148.5	148.9
15°	182.7	182.7	182.3	181.1	181.5	179.9	180.7	180.3	179.0	179.0	178.6
17.5°	212.8	212.4	212.8	211.2	211.2	210.8	210.0	209.6	209.6	208.3	207.9
20°	242.9	242.1	241.7	241.7	240.5	240.5	239.7	238.0	237.2	237.6	236.8
22.5°	275.5	273.9	273.9	273.9	271.4	270.6	270.2	268.6	268.6	267.3	267.3
25°	308.0	308.4	308.4	306.8	305.6	304.0	303.2	301.9	300.7	300.3	300.7
27.5°	343.8	344.7	343.4	340.6	340.2	338.6	336.5	334.9	335.3	333.3	334.9
30°	382.9	381.3	378.8	378.0	376.4	374.8	373.1	369.9	370.3	369.5	369.9
32.5°	418.7	418.7	417.9	415.5	414.2	410.6	408.9	404.9	405.3	404.9	403.3
35°	457.8	456.6	454.9	454.5	450.5	448.0	445.2	440.7	441.5	441.1	441.5
37.5°	490.7	491.1	492.0	489.9	486.3	483.0	479.8	476.5	475.7	476.1	475.3
40°	526.5	526.1	525.3	522.9	520.0	516.4	512.3	510.3	507.8	509.5	509.1
42.5°	555.8	557.1	556.7	554.2	550.6	546.9	543.6	540.4	539.2	538.8	538.8
45°	584.3	584.7	583.5	583.1	578.2	575.0	570.9	568.1	567.2	567.2	568.5
47.5°	610.8	610.4	609.6	608.7	605.1	600.2	595.3	593.3	592.9	593.7	594.1
50°	631.9	632.8	632.3	631.1	627.5	623.0	617.7	615.7	616.1	616.9	617.3
52.5°	651.1	651.1	651.5	649.8	646.6	641.7	636.8	635.2	635.2	636.4	635.6
55°	665.7	666.5	666.9	665.7	663.7	658.0	653.1	650.3	651.5	652.7	653.1
57.5°	679.5	680.4	680.4	680.4	677.1	671.8	666.9	664.5	666.1	668.2	668.6
60°	690.5	690.9	692.2	692.2	689.3	683.2	677.9	675.9	677.9	680.8	680.4
62.5°	698.7	698.7	700.3	700.7	697.9	691.8	686.5	684.8	687.3	690.5	691.8
65°	705.6	706.0	707.2	707.6	705.2	698.3	692.6	692.2	695.4	698.7	699.1
67.5°	709.3	709.7	711.7	712.5	709.7	702.7	697.5	696.2	700.7	704.8	705.2
70°	711.7	712.5	714.9	715.8	712.9	705.6	699.9	699.5	704.4	708.8	709.3
72.5°	713.3	713.7	716.2	717.0	714.1	707.2	701.5	701.5	706.0	711.3	712.1
75°	713.3	713.7	715.8	717.0	714.1	706.8	700.7	700.7	706.8	712.1	713.3
77.5°	710.1	711.3	713.7	714.9	712.1	704.8	699.1	699.1	705.2	710.9	712.1
80°	706.8	707.2	710.1	711.7	708.4	701.5	695.4	695.4	701.9	708.0	708.8
82.5°	701.5	701.9	704.8	706.4	703.6	696.2	690.1	690.5	696.6	702.7	703.6
85°	694.2	695.0	697.9	699.1	696.6	688.9	683.2	683.6	690.1	695.8	696.6
87.5°	686.5	686.5	689.7	690.9	688.5	680.8	675.1	675.1	681.6	687.7	688.1
90°	675.9	676.7	679.5	681.6	678.3	671.8	665.7	665.7	671.8	677.5	679.1
92.5°	666.1	666.5	669.4	670.6	667.7	660.8	655.5	655.5	661.6	667.3	668.2
95°	654.3	654.3	656.4	658.0	654.7	649.0	644.1	644.1	649.0	653.9	654.7
97.5°	641.7	641.7	644.1	643.7	641.3	635.2	631.1	630.7	635.6	639.7	640.9
100°	627.5	628.3	629.9	629.5	627.5	621.4	617.7	617.7	621.4	625.0	625.8
102.5°	613.6	613.6	614.4	614.0	611.2	605.9	603.9	603.5	606.7	609.2	609.6
105°	599.4	599.4	598.6	598.6	594.9	590.8	588.4	588.4	591.2	592.9	592.9
107.5°	583.1	582.3	583.1	581.9	578.2	574.2	572.9	572.5	573.8	575.4	574.6
110°	566.4	566.0	565.6	563.2	560.3	557.9	555.8	555.8	557.1	557.5	557.5

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

Scaled Data Report

REPORT NUMBER: P981250
CATALOG NUMBER: FFX-CLB-40-730-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	548.9	548.5	547.3	*545.3*	542.0	539.6	537.9	537.9	538.3	537.9	537.1
115°	529.8	529.0	527.8	*524.1*	520.9	519.2	518.4	519.2	518.8	517.6	517.6
117.5°	509.1	508.2	506.2	*502.1*	499.3	498.1	498.5	498.1	497.3	496.0	496.4
120°	485.9	485.9	482.6	*479.3*	476.9	476.9	476.5	476.5	475.3	473.6	472.8
122.5°	461.8	461.8	459.0	*456.2*	453.3	453.3	453.7	453.3	452.5	450.9	450.0
125°	438.7	436.6	434.2	*430.9*	428.9	428.5	429.7	430.1	428.5	426.4	426.9
127.5°	413.0	411.8	409.4	*405.7*	404.1	403.7	404.9	405.7	403.7	402.4	402.0
130°	386.2	385.3	383.3	*380.5*	378.8	379.2	380.5	381.7	379.7	378.4	377.6
132.5°	359.7	359.7	358.5	*355.6*	353.6	355.2	356.1	356.9	354.8	354.4	354.0
135°	335.7	335.3	332.9	*331.2*	329.6	330.0	331.6	331.2	330.8	330.0	329.2
137.5°	310.9	310.9	309.7	*306.8*	306.8	307.2	308.0	308.0	308.4	306.8	307.2
140°	287.7	287.3	286.5	*284.4*	283.2	284.0	284.8	285.2	285.2	283.6	284.0
142.5°	265.7	265.3	262.9	*261.6*	261.6	262.1	262.5	262.9	262.9	262.1	262.5
145°	242.1	242.9	241.7	*240.5*	240.5	240.5	241.7	242.1	242.5	241.7	241.7
147.5°	222.6	223.4	222.2	*221.4*	221.4	221.4	222.2	222.6	221.8	222.2	222.2
150°	204.3	204.3	203.5	*203.1*	202.6	203.1	203.9	204.3	204.3	203.5	203.5
152.5°	186.8	186.4	186.0	*186.0*	186.0	186.0	186.8	186.8	187.2	187.2	186.4
155°	171.7	171.3	171.3	*170.9*	171.3	171.3	171.3	171.7	171.7	172.1	172.5
157.5°	157.9	157.5	157.9	*157.9*	157.9	158.3	158.3	158.7	157.9	158.3	158.7
160°	146.5	146.9	146.5	*146.1*	146.1	146.5	146.5	146.9	146.9	146.5	146.9
162.5°	136.7	136.7	136.3	*136.7*	137.1	136.7	136.7	137.1	137.1	137.1	137.1
165°	129.0	128.6	128.6	*128.6*	128.6	128.6	129.0	129.0	129.0	129.0	129.4
167.5°	122.1	121.7	121.7	*121.7*	122.1	122.1	122.1	122.5	122.5	122.5	122.1
170°	116.8	116.4	116.4	*116.4*	116.8	116.8	116.8	116.8	116.8	116.8	116.8
172.5°	112.3	112.3	112.3	*112.3*	112.3	112.3	112.3	112.3	112.3	112.7	112.3
175°	109.5	109.5	109.5	*109.5*	109.1	109.1	109.5	109.5	109.5	109.5	109.5
177.5°	107.0	107.0	107.4	*107.0*	107.0	107.0	107.4	107.4	107.4	107.0	107.0
180°	106.2	106.2	106.2	*106.2*	106.2	106.2	106.2	106.2	106.2	106.2	106.2

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

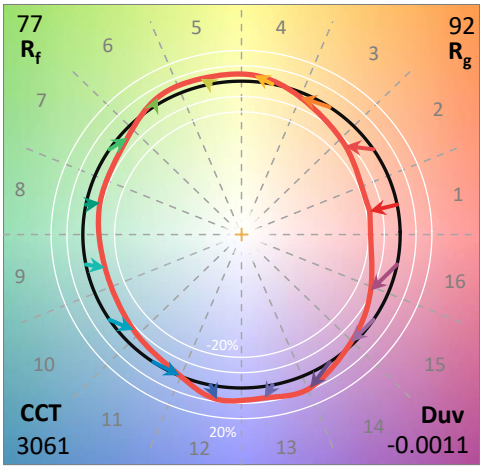
Test Information

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

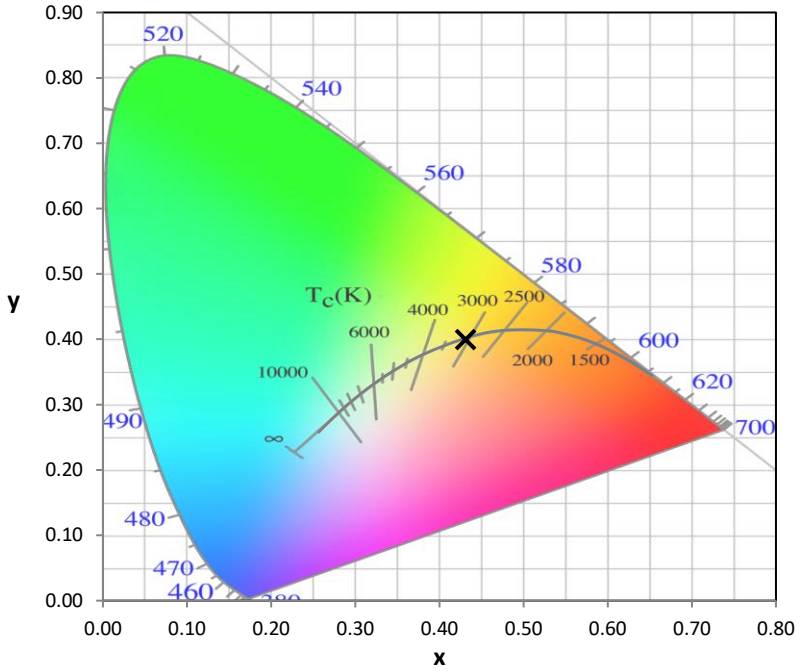
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

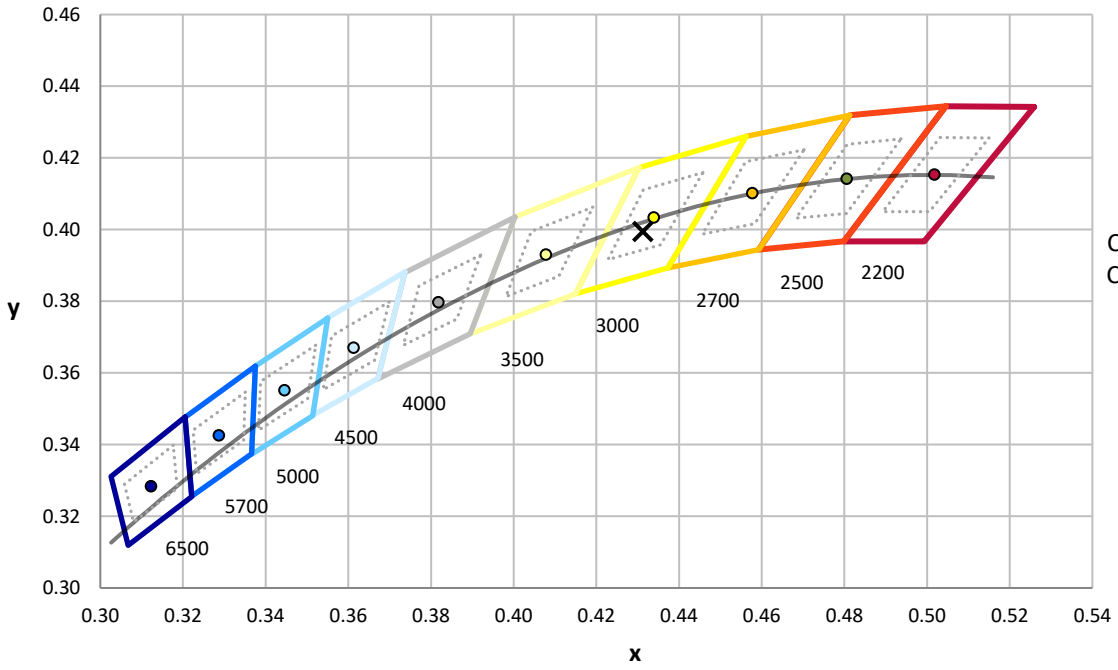
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

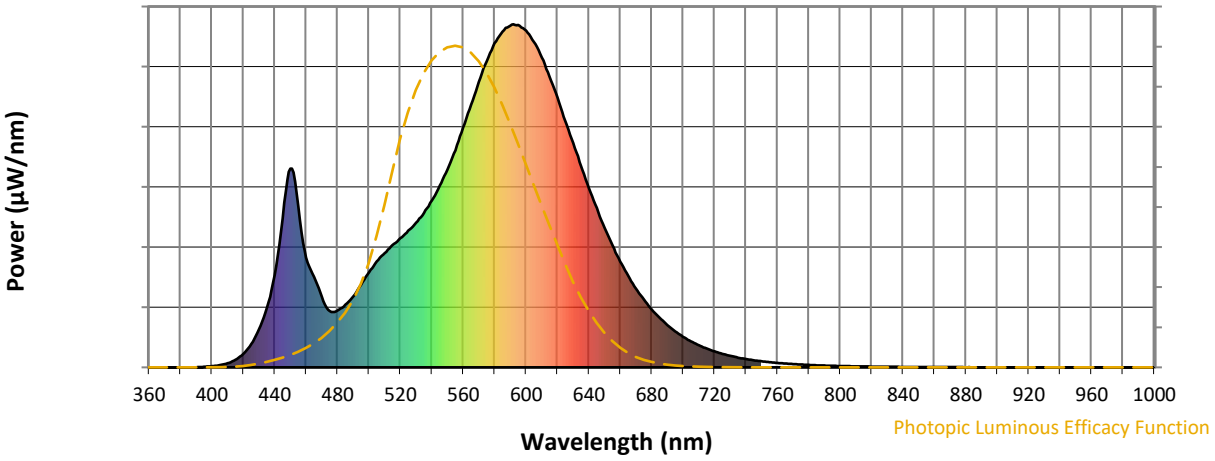


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

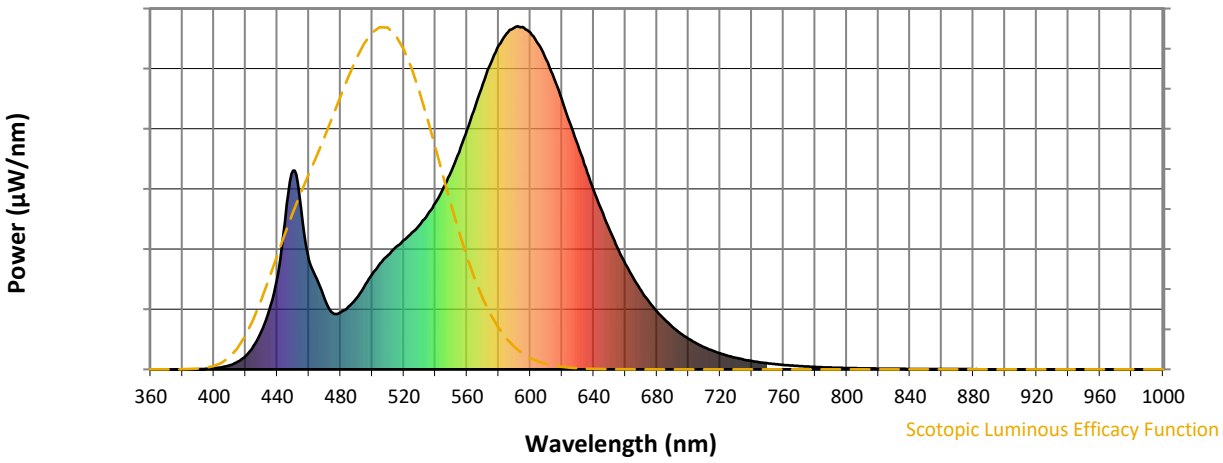


Photopic Lumens: NR

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

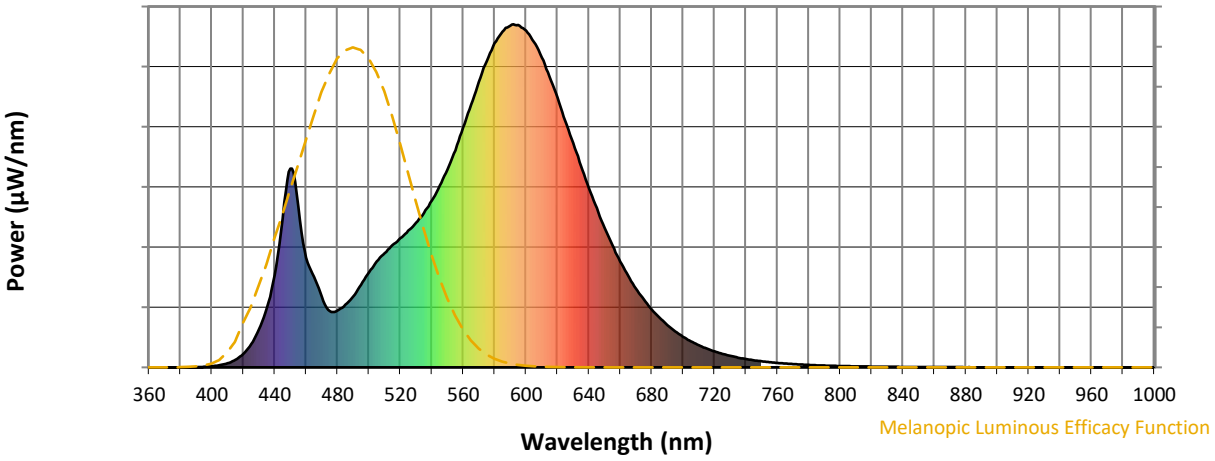


Scotopic Lumens: NR **S/P: 1.29**

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			

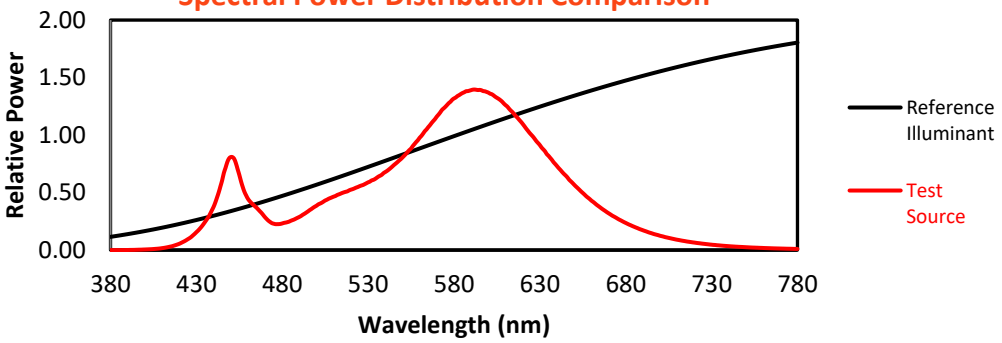
REPORT NUMBER: SP1-2501-332-4

TM-30-18

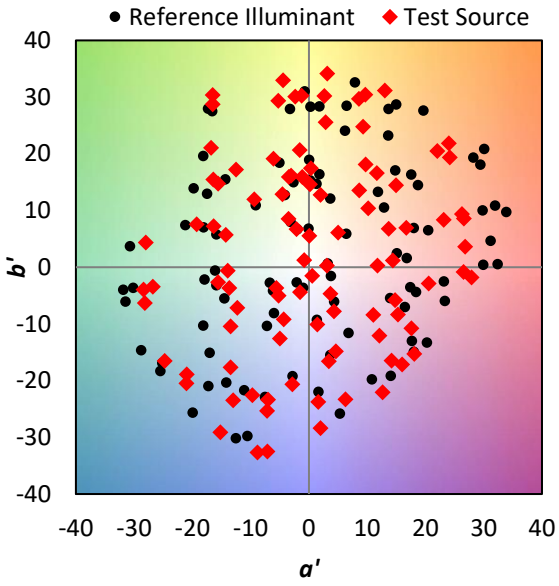
Summary

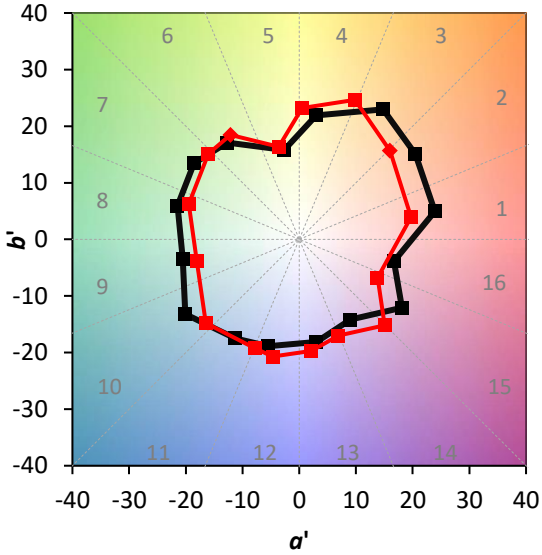
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

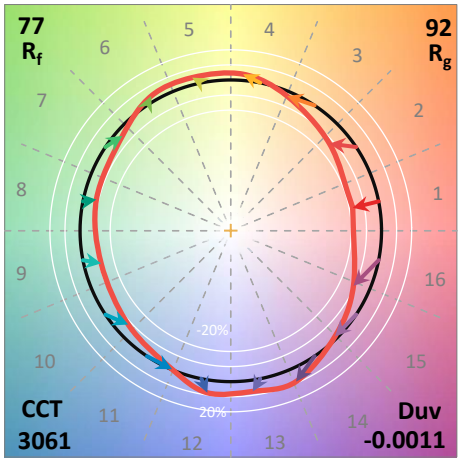
Spectral Power Distribution Comparison

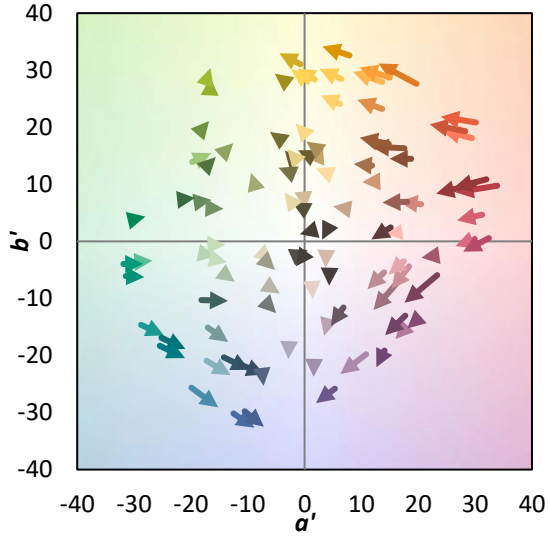


Color Vector Graphics







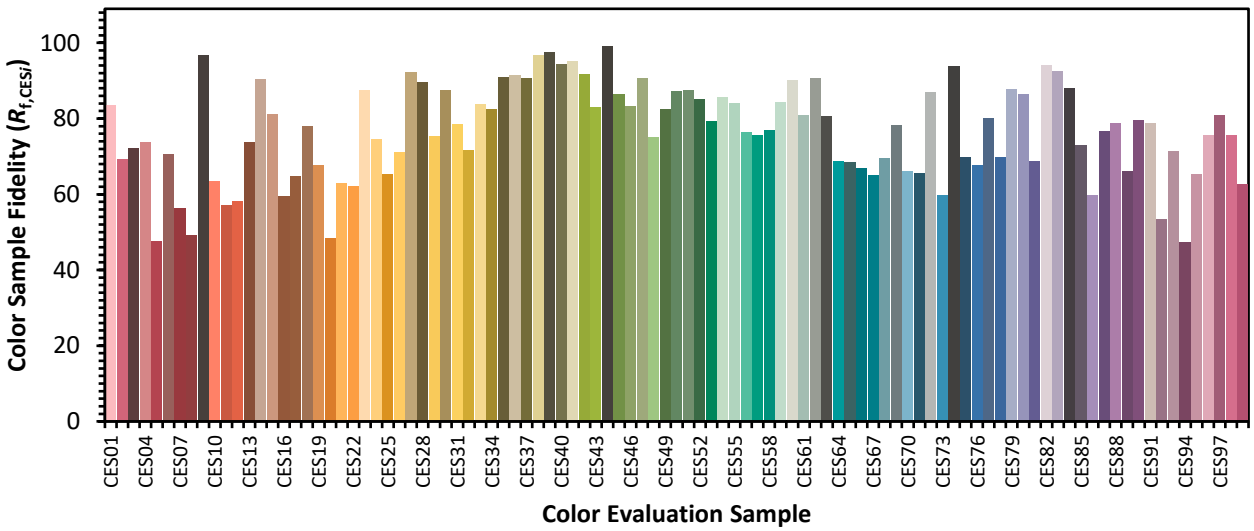


REPORT NUMBER: SP1-2501-332-4

TM-30-18

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

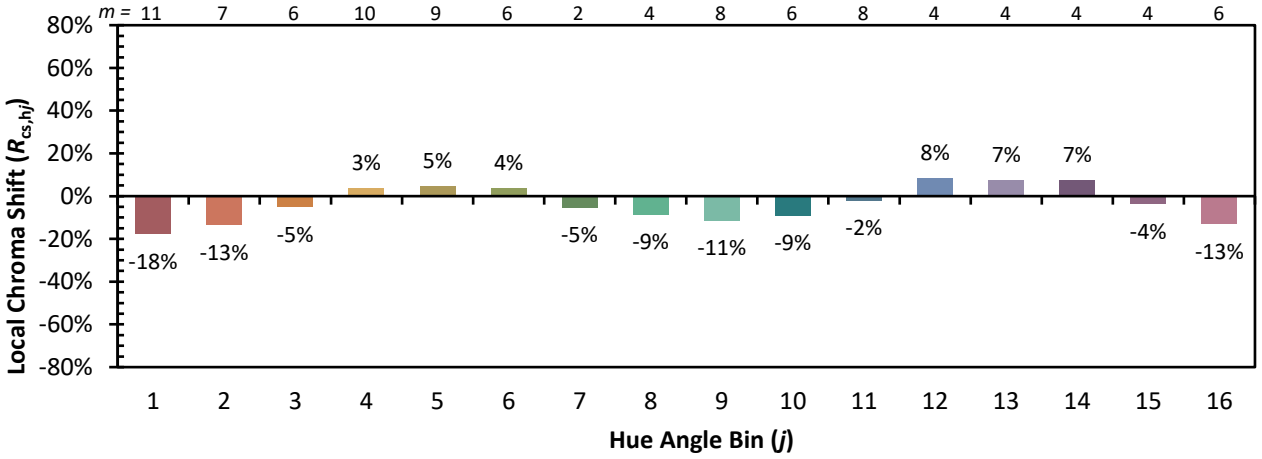
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82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

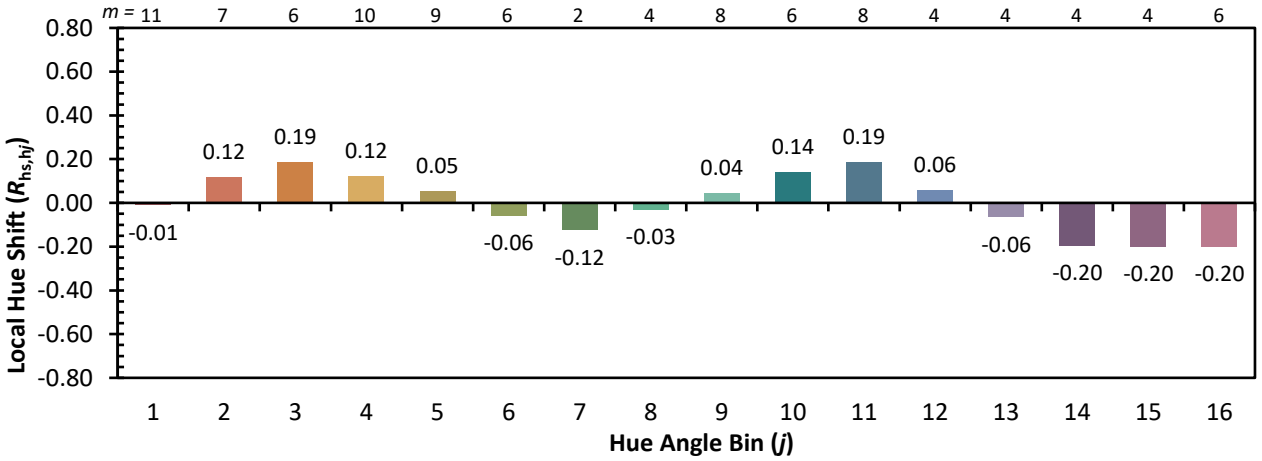


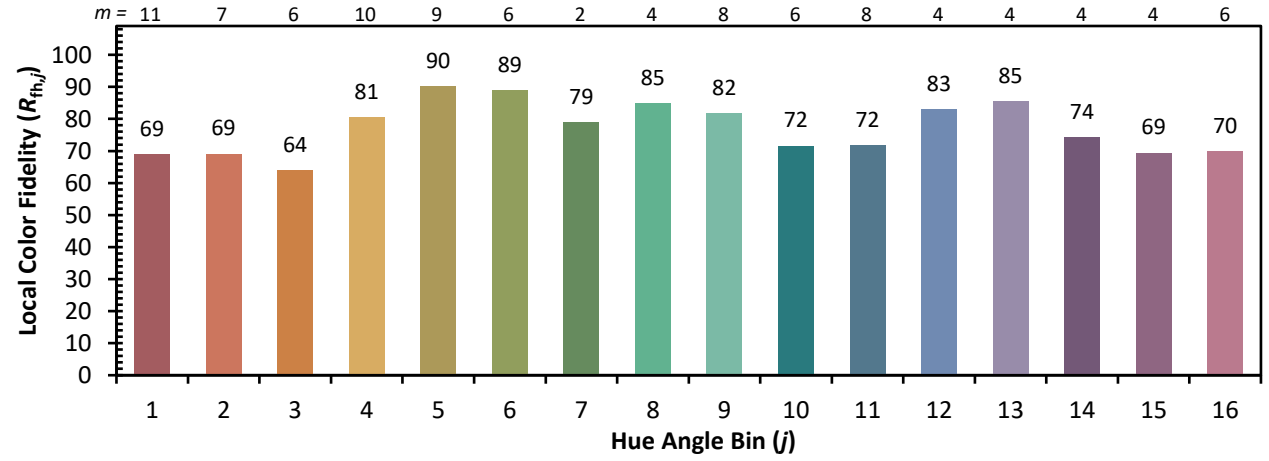
REPORT NUMBER: SP1-2501-332-4

TM-30-18

Color Rendition by Hue-Angle Bin



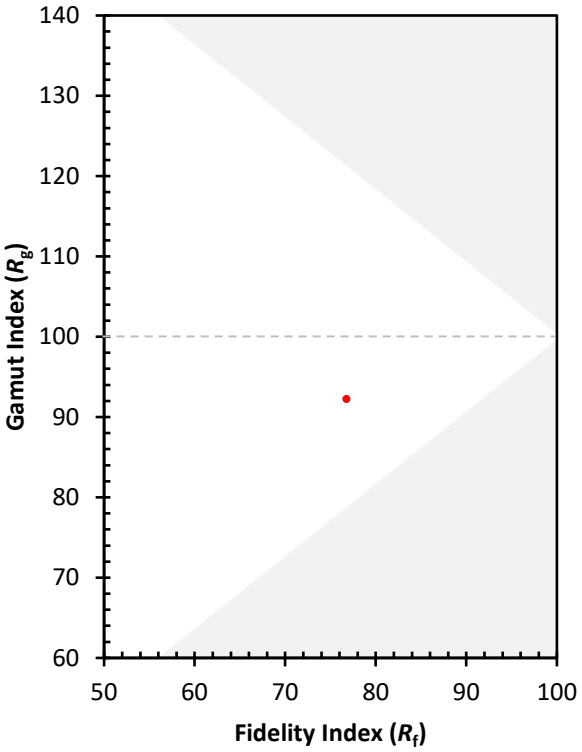


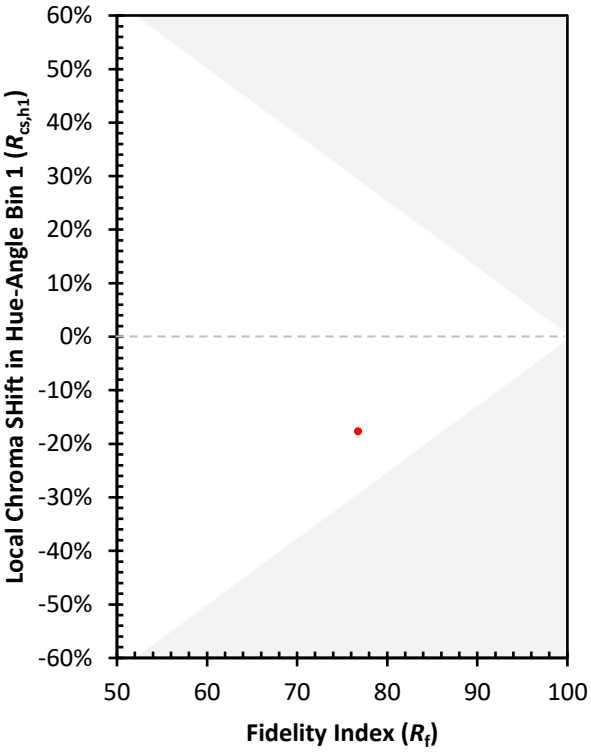


REPORT NUMBER: SP1-2501-332-4

TM-30-18

Measure Comparisons





(END OF REPORT)