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: P981295

Luminaire Tested: **FFX-CLB-40-730-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:	P981295
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-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:	6551.5 lumens
Efficiency:	N/A
Efficacy:	166.3 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

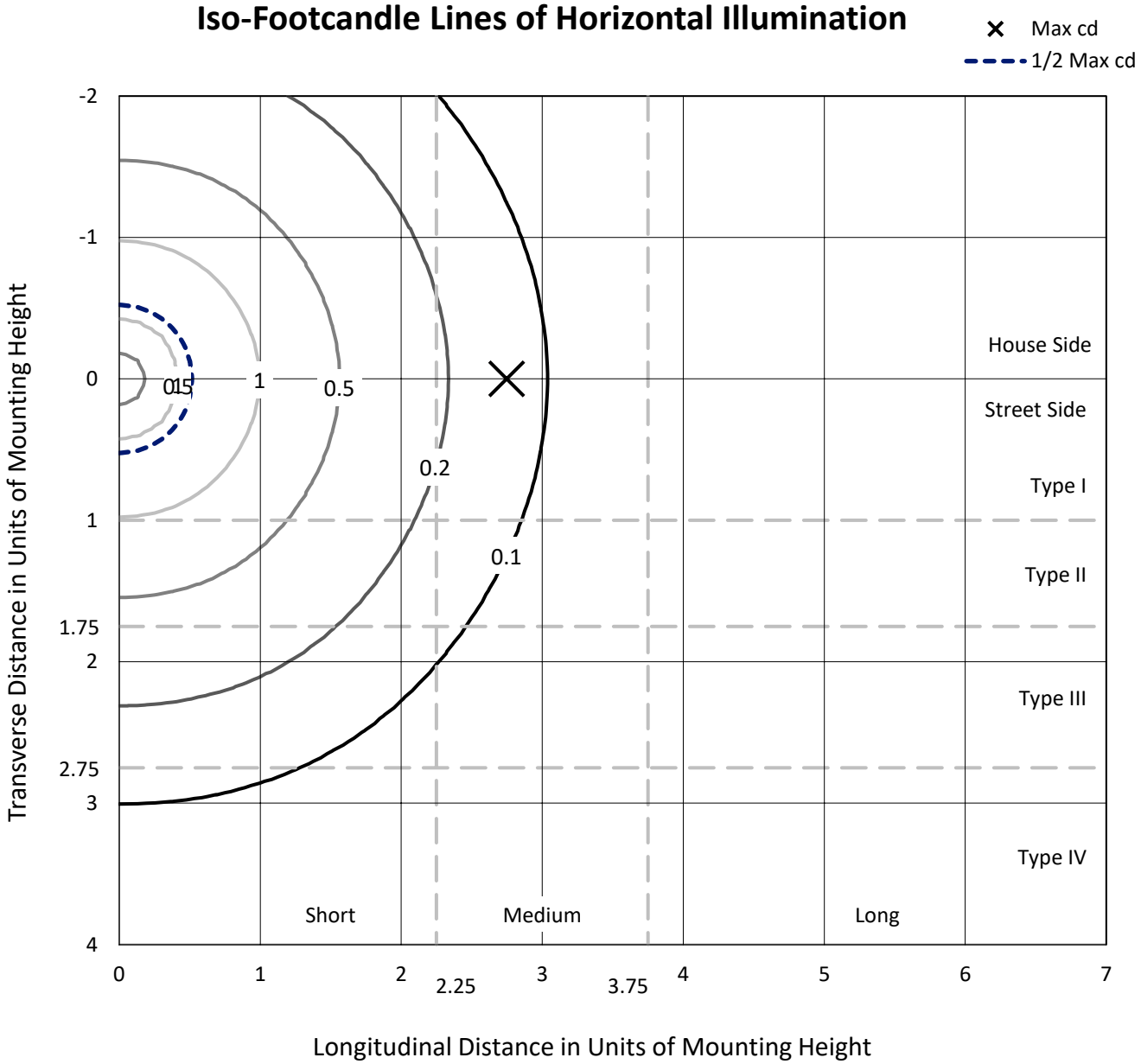


Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P981295
CATALOG NUMBER: FFX-CLB-40-730-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



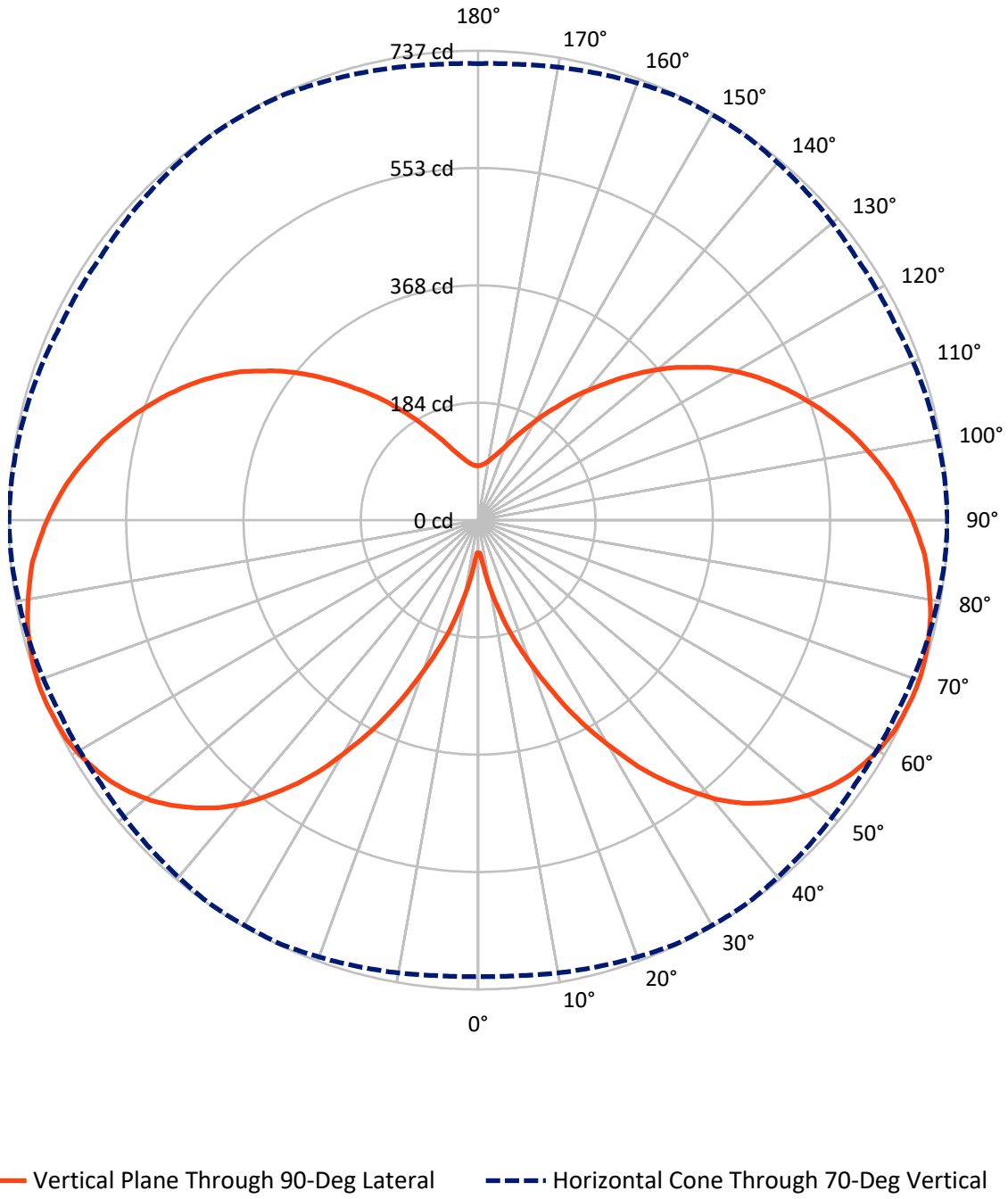
Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
Type V - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P981295
CATALOG NUMBER: FFX-CLB-40-730-U-VM9-T5

Luminous Intensity Polar Plot



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

Scaled Data Report

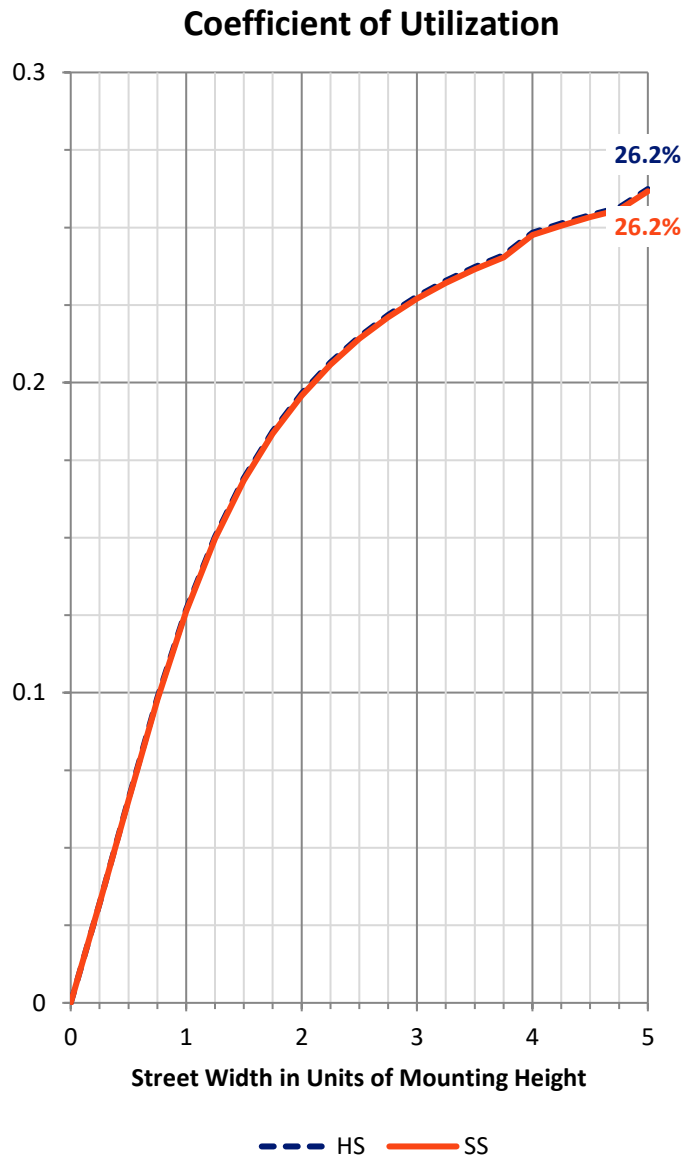
REPORT NUMBER: P981295
CATALOG NUMBER: FFX-CLB-40-730-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1939.4	1336.3	3275.8
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	1939.4	1336.3	3275.8
	% Fixture	29.6	20.4	50.0
Total	Lumens	3878.9	2672.7	6551.5
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.7	0.1
10°-20°	52.3	0.8
20°-30°	153.7	2.3
30°-40°	312.7	4.8
40°-50°	485.1	7.4
50°-60°	626.5	9.6
60°-70°	720.4	11.0
70°-80°	763.4	11.7
80°-90°	757.0	11.6
90°-100°	703.7	10.7
100°-110°	613.5	9.4
110°-120°	501.0	7.6
120°-130°	371.5	5.7
130°-140°	240.5	3.7
140°-150°	136.0	2.1
150°-160°	67.8	1.0
160°-170°	30.1	0.5
170°-180°	8.5	0.1
0°-90°	3878.9	59.2
0°-180°	6551.5	100.0



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

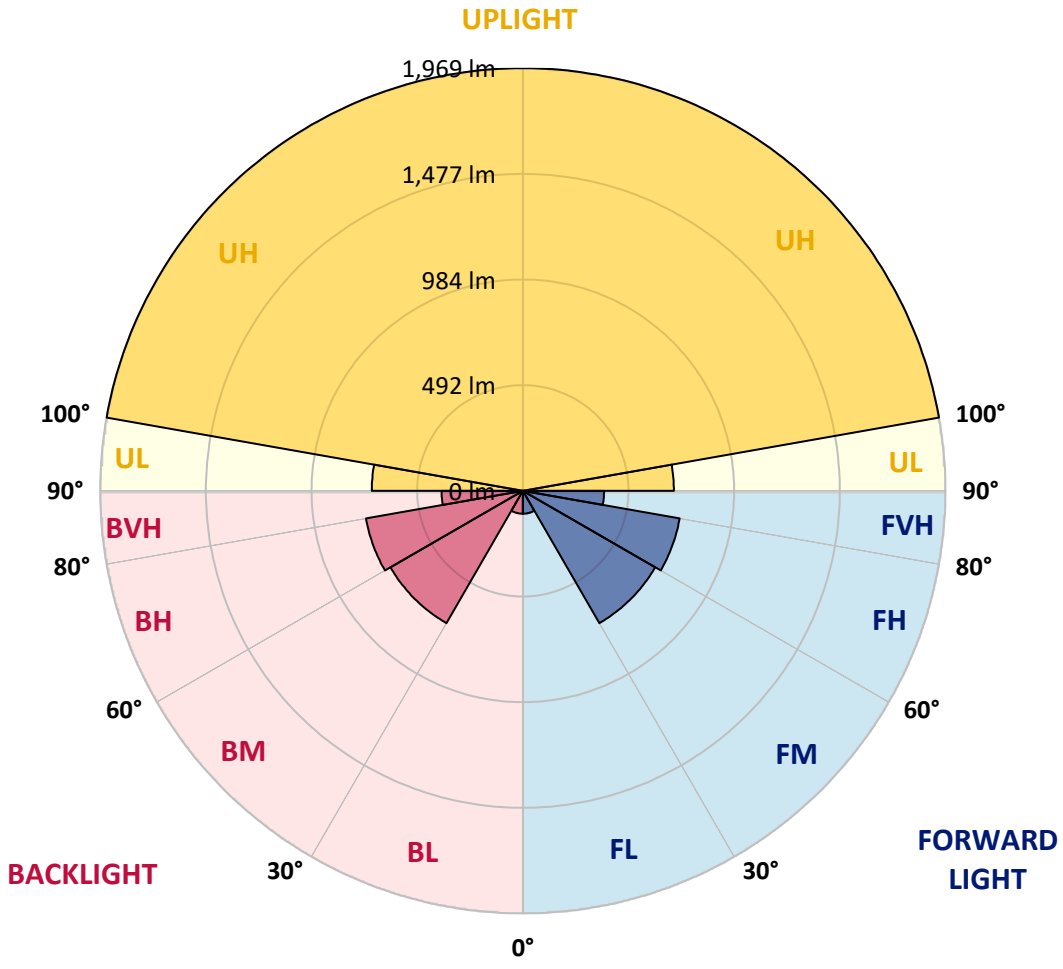
Scaled Data Report

REPORT NUMBER: P981295
CATALOG NUMBER: FFX-CLB-40-730-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	106.9	1.6			
FM	(30°-60°)	712.2	10.9			
FH	(60°-80°)	741.9	11.3			G1/1800
FVH	(80°-90°)	378.5	5.8			G3/500
BL	(0°-30°)	106.9	1.6	B0/110		
BM	(30°-60°)	712.2	10.9	B1/1000		
BH	(60°-80°)	741.9	11.3	B2/1000		G1/1800
BVH	(80°-90°)	378.5	5.8			G3/500
UL	(90°-100°)	703.7	10.7		U4/1000	
UH	(100°-180°)	1968.9	30.1		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: P981295
CATALOG NUMBER: FFX-CLB-40-730-U-VM9-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	*52.1*
2.5°	52.1	52.1	52.1	52.1	51.7	51.7	51.7	51.7	51.7	51.7	*51.7*
5°	64.3	63.9	63.9	64.3	64.3	64.3	63.9	64.3	63.5	63.1	*63.9*
7.5°	86.3	86.3	86.3	86.3	85.5	85.5	86.7	85.9	86.3	85.9	*86.7*
10°	112.8	112.8	112.4	113.2	113.6	113.2	112.8	114.0	113.2	113.2	*114.0*
12.5°	142.9	143.3	143.3	143.7	144.5	143.3	144.5	144.5	144.5	143.7	*143.3*
15°	177.5	177.1	177.9	177.5	175.9	177.5	177.9	177.1	177.5	177.9	*178.3*
17.5°	209.6	209.2	209.6	209.2	210.9	211.3	210.9	210.9	210.9	211.3	*210.5*
20°	245.1	245.5	244.2	245.5	245.5	246.3	247.9	247.5	247.9	246.7	*245.5*
22.5°	283.7	284.1	282.9	282.5	285.0	284.5	284.5	285.8	286.6	286.6	*285.8*
25°	325.3	324.4	324.4	325.7	325.7	325.3	327.3	328.1	327.7	328.9	*329.7*
27.5°	366.8	366.0	366.0	367.6	367.6	367.6	367.6	371.3	371.7	372.5	*372.9*
30°	407.1	409.9	409.9	409.1	410.3	412.4	413.6	413.6	414.8	414.8	*415.2*
32.5°	451.0	451.0	451.9	453.1	453.1	456.7	454.7	458.0	457.2	459.6	*461.2*
35°	492.6	493.4	493.4	495.8	495.8	496.6	497.0	499.1	501.9	501.5	*501.9*
37.5°	531.2	530.8	530.0	533.7	534.5	534.1	534.5	537.8	538.6	539.8	*539.0*
40°	566.7	565.4	567.5	569.5	569.5	570.3	571.1	572.8	574.4	575.2	*576.4*
42.5°	596.4	596.0	598.0	599.6	600.0	600.4	600.4	601.7	605.7	607.0	*607.8*
45°	622.4	622.0	624.5	626.5	627.7	627.7	626.5	628.1	631.8	633.0	*633.4*
47.5°	644.8	645.2	648.5	650.9	651.7	650.5	649.7	651.3	654.2	657.4	*657.0*
50°	663.5	663.9	667.6	671.7	672.1	670.9	668.8	670.1	674.1	676.6	*677.0*
52.5°	679.4	679.8	684.3	688.4	688.8	686.7	684.3	686.3	690.0	692.8	*693.7*
55°	692.0	693.3	697.7	702.2	703.4	700.6	697.3	698.5	702.6	707.1	*707.5*
57.5°	701.4	701.8	707.5	712.4	714.0	709.9	707.5	707.5	712.4	716.5	*717.3*
60°	707.9	709.5	716.1	721.8	722.6	718.9	714.4	715.2	720.5	725.0	*726.2*
62.5°	713.6	715.2	721.3	728.3	729.1	724.2	719.7	720.1	726.2	730.7	*732.3*
65°	716.5	717.7	725.0	731.9	732.7	727.9	722.6	723.0	728.7	734.0	*734.4*
67.5°	717.3	718.5	726.2	734.4	734.8	729.5	723.4	724.6	730.3	735.6	*736.4*
70°	*716.5*	*718.1*	*725.8*	*734.4*	*735.2*	*728.7*	*722.6*	*723.4*	*729.9*	*735.2*	*736.8*
72.5°	713.6	715.6	723.4	732.3	732.7	726.6	720.5	720.5	727.9	733.6	*734.4*
75°	709.9	712.0	720.5	729.5	729.9	723.4	716.9	717.7	724.6	729.9	*730.7*
77.5°	705.9	707.1	715.6	725.0	725.8	718.9	712.4	713.2	719.7	725.4	*726.2*
80°	699.4	700.6	709.5	718.5	719.3	712.4	705.5	707.1	713.6	718.9	*718.9*
82.5°	691.6	692.4	701.4	711.2	711.6	704.7	698.5	699.4	705.9	711.2	*711.2*
85°	682.7	683.9	692.8	702.2	702.2	695.7	689.2	690.8	696.9	701.8	*703.4*
87.5°	672.9	673.3	682.3	690.8	691.2	684.7	679.0	680.2	686.3	690.8	*691.2*
90°	661.5	662.3	670.9	679.0	679.4	672.9	667.6	669.2	674.1	678.2	*679.4*
92.5°	648.9	650.1	658.2	666.0	665.6	659.9	655.4	657.4	661.5	665.6	*665.6*
95°	635.9	637.5	644.0	651.3	650.5	645.6	642.0	643.6	647.7	650.9	*651.7*
97.5°	622.0	622.4	629.3	634.6	634.6	630.2	627.3	628.5	632.6	634.6	*635.5*
100°	607.0	607.4	612.7	617.9	617.9	613.9	611.8	613.1	616.3	617.9	*618.4*
102.5°	591.9	591.5	596.0	600.4	600.4	597.2	595.6	598.0	599.6	600.8	*601.7*
105°	574.8	574.4	578.5	582.5	581.7	579.7	578.1	580.1	582.1	582.9	*582.9*
107.5°	556.1	557.7	560.1	563.4	563.0	561.4	561.4	562.6	563.8	564.2	*564.6*
110°	540.2	539.8	542.2	543.9	544.3	543.5	544.3	544.7	545.1	545.1	*545.1*

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

Scaled Data Report

REPORT NUMBER: P981295
CATALOG NUMBER: FFX-CLB-40-730-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	521.9	521.9	522.7	523.9	524.3	524.7	525.1	526.8	525.9	526.4	*525.5*
115°	501.9	502.3	503.2	503.6	504.4	504.8	506.8	506.8	507.2	506.4	*505.2*
117.5°	482.0	482.8	482.4	482.0	483.6	484.8	486.1	486.9	486.9	485.2	*484.4*
120°	460.4	459.6	459.6	459.6	460.8	462.8	464.5	464.9	464.5	462.4	*462.0*
122.5°	436.8	437.6	436.4	436.8	437.2	440.1	441.3	442.1	440.9	438.4	*439.2*
125°	412.4	413.2	411.2	411.2	413.2	414.4	415.6	416.8	414.8	413.6	*412.8*
127.5°	386.3	386.3	385.9	384.7	387.1	388.4	390.8	390.8	389.2	387.5	*388.4*
130°	359.9	359.5	360.3	359.5	359.9	362.3	364.3	363.5	362.7	361.9	*361.9*
132.5°	332.6	333.4	332.6	332.2	334.2	335.0	337.1	337.9	336.2	334.2	*335.0*
135°	306.9	306.5	306.1	306.1	307.3	309.4	310.6	310.2	310.2	309.4	*308.6*
137.5°	280.5	281.7	280.9	280.9	281.7	283.7	285.8	285.4	285.0	283.3	*282.5*
140°	256.9	256.1	256.5	256.5	258.5	258.5	260.5	260.5	260.1	258.9	*259.7*
142.5°	233.3	232.8	234.5	233.7	234.5	236.5	237.3	236.9	236.1	236.5	*236.9*
145°	211.7	212.1	211.7	212.1	213.3	214.5	216.2	215.3	215.3	214.1	*213.7*
147.5°	191.3	191.3	190.9	192.5	193.0	194.6	195.0	195.4	194.6	193.8	*195.0*
150°	173.4	173.0	173.0	173.4	174.2	175.5	176.3	176.3	176.7	175.9	*175.5*
152.5°	156.7	155.9	156.3	157.1	157.5	158.8	158.8	159.6	159.2	158.8	*158.8*
155°	141.7	142.1	142.1	142.5	143.3	143.7	144.5	144.1	144.5	144.1	*144.1*
157.5°	129.5	130.3	130.3	130.7	130.3	130.7	131.1	131.5	131.5	131.5	*131.5*
160°	119.7	119.3	119.3	119.3	119.3	119.7	120.5	120.1	120.5	120.1	*119.7*
162.5°	110.7	110.7	110.7	110.7	111.1	111.1	111.1	111.5	111.1	111.1	*111.1*
165°	103.4	103.8	103.4	103.4	103.4	103.8	103.8	103.8	103.8	103.8	*103.8*
167.5°	97.7	98.1	98.1	98.1	98.1	98.1	98.5	98.1	98.1	98.1	*98.1*
170°	93.2	93.6	93.6	93.2	93.6	93.2	93.2	93.6	93.2	93.2	*93.2*
172.5°	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	89.6	*89.6*
175°	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	*87.1*
177.5°	85.5	85.5	85.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	*85.5*
180°	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	*85.1*

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

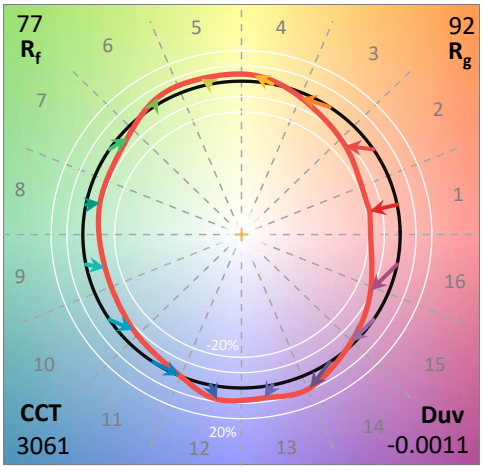
Test Information

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

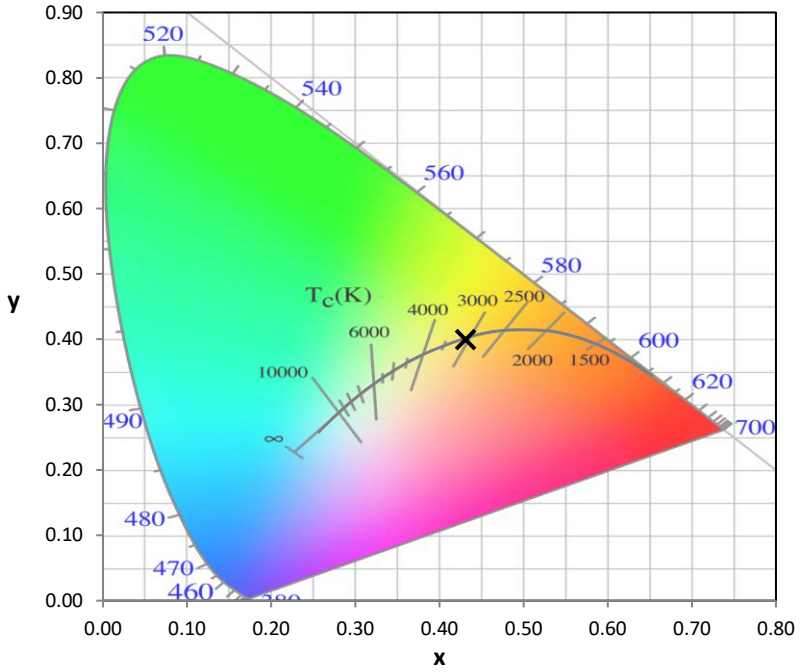
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

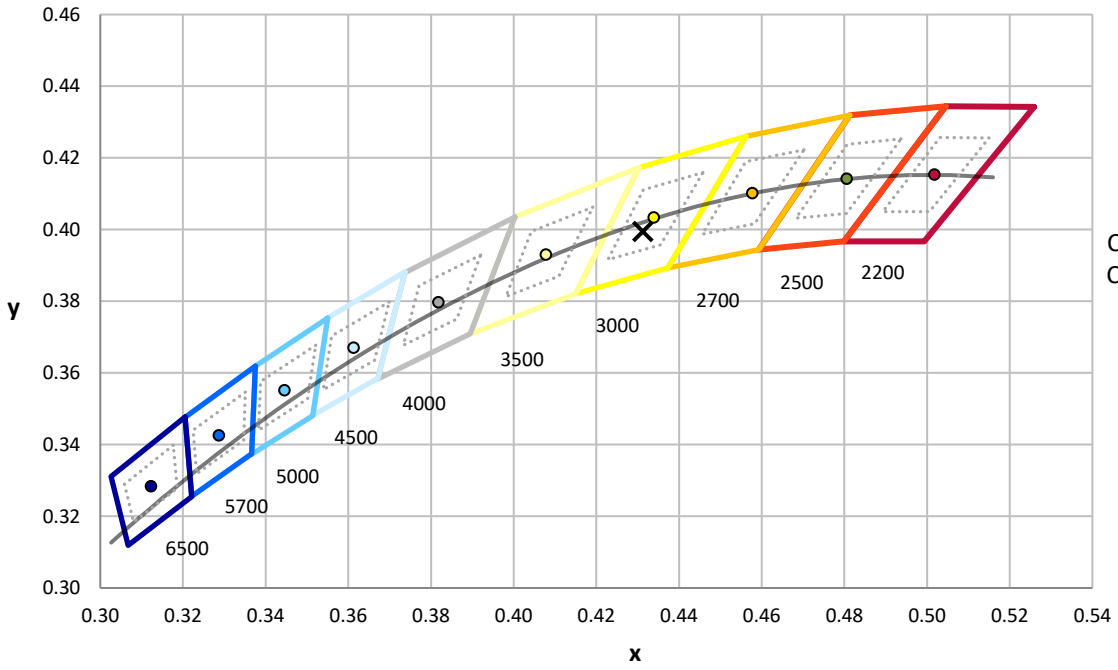
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

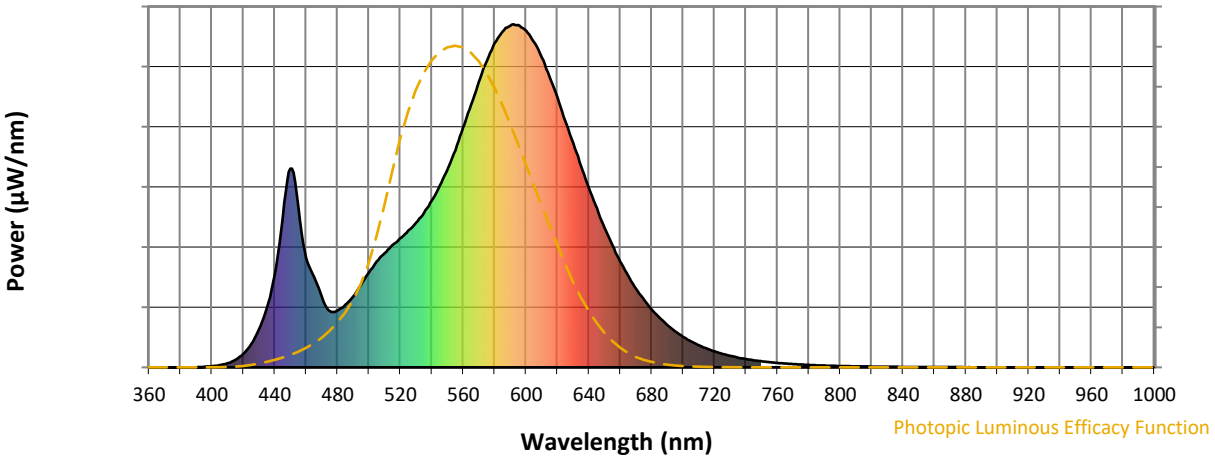


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

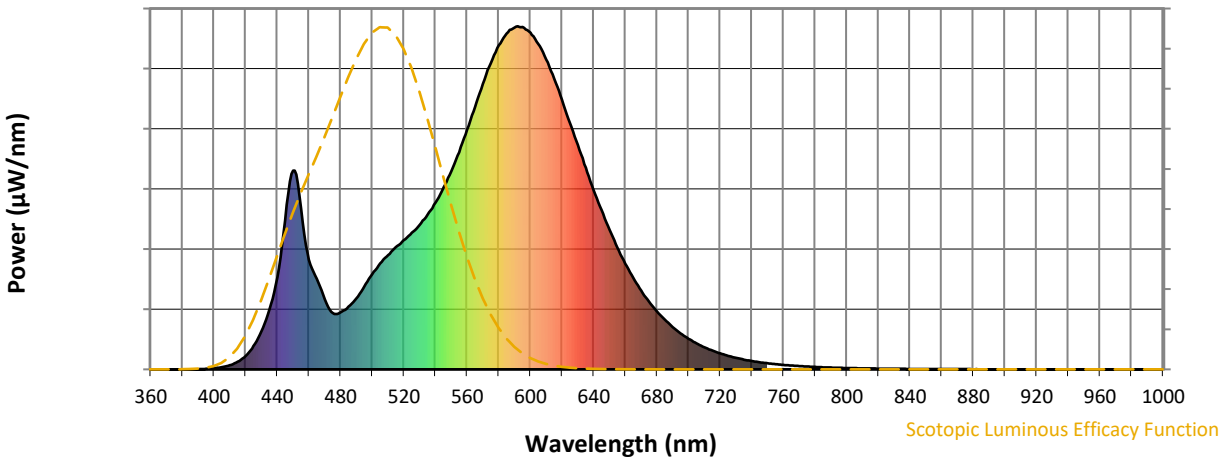


Photopic Lumens: NR

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

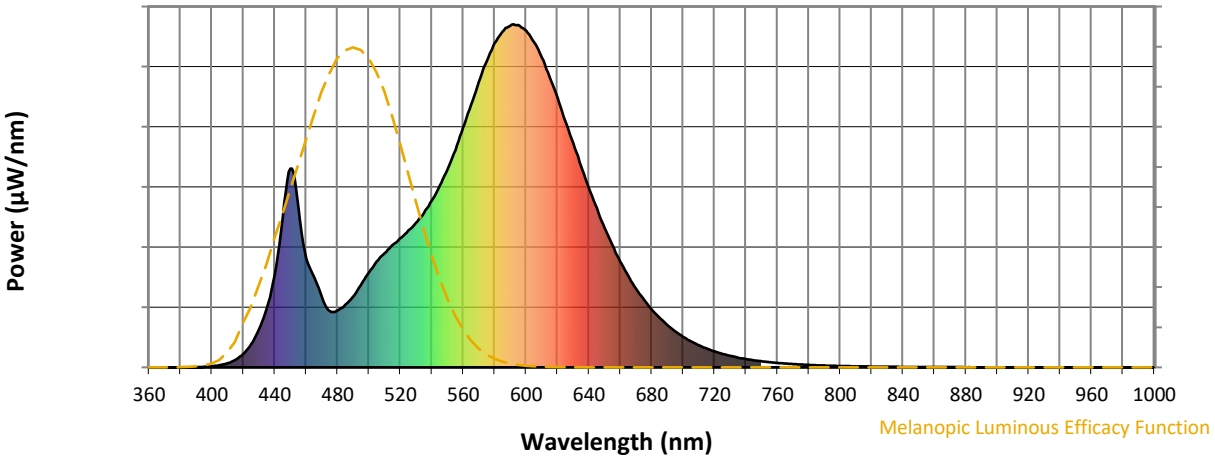


Scotopic Lumens: NR **S/P: 1.29**

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			

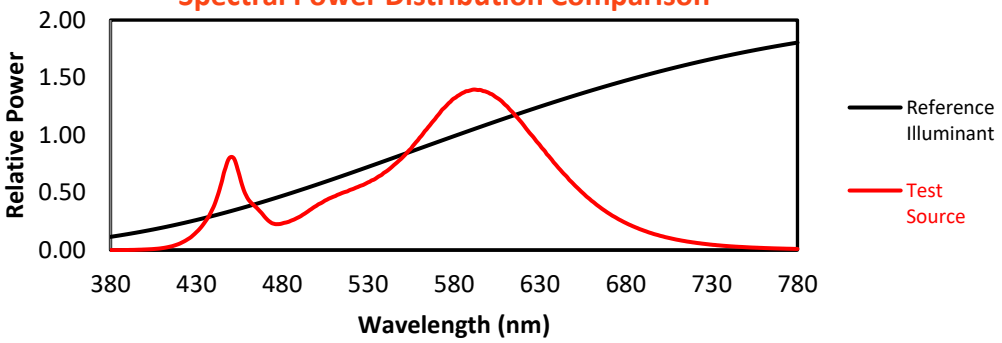
REPORT NUMBER: SP1-2501-332-4

TM-30-18

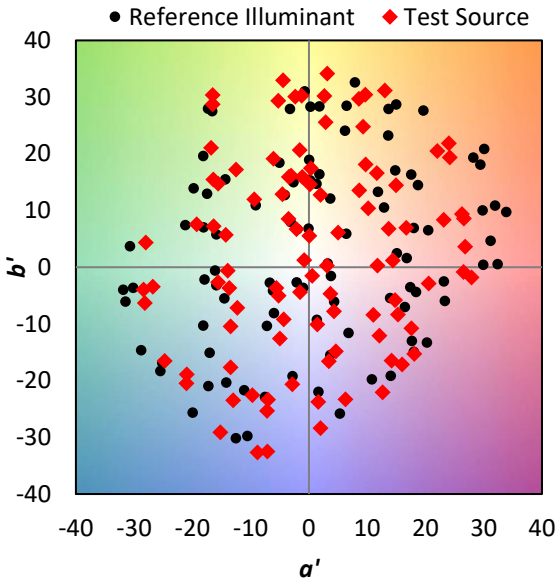
Summary

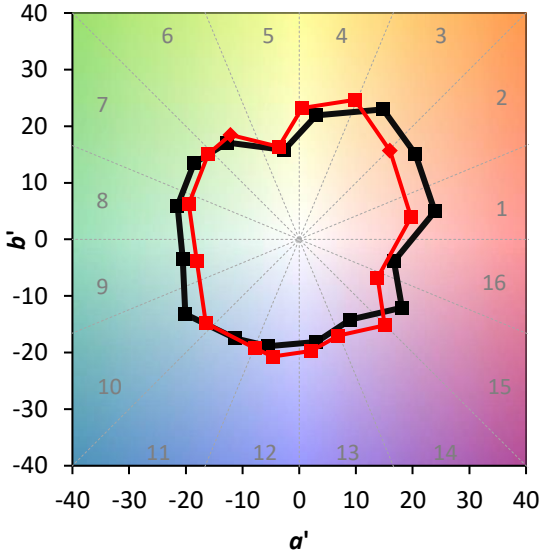
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

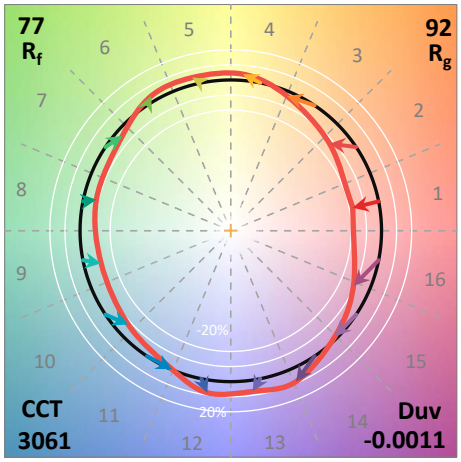
Spectral Power Distribution Comparison

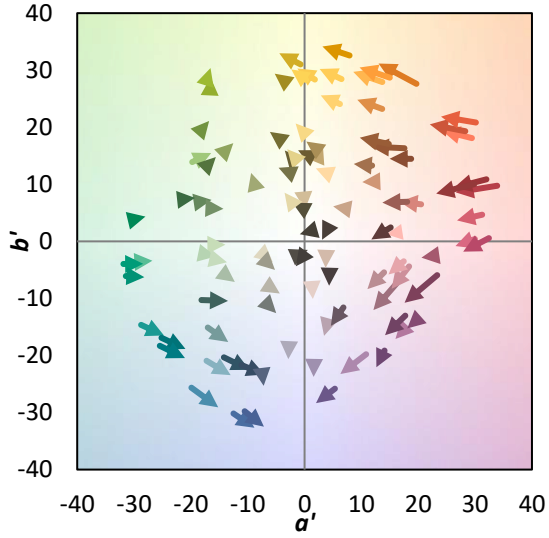


Color Vector Graphics







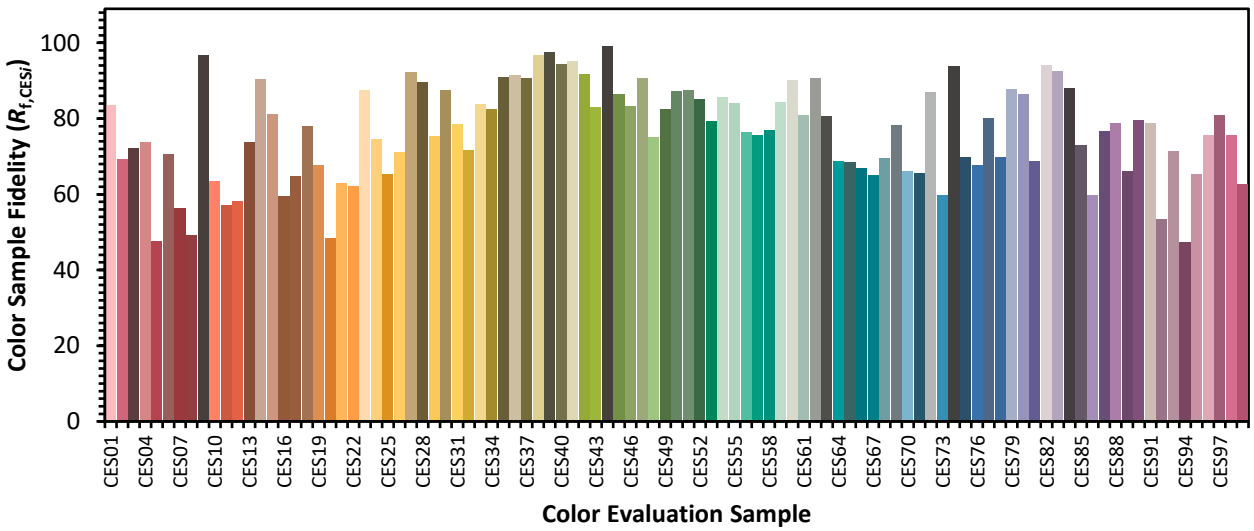


REPORT NUMBER: SP1-2501-332-4

TM-30-18

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

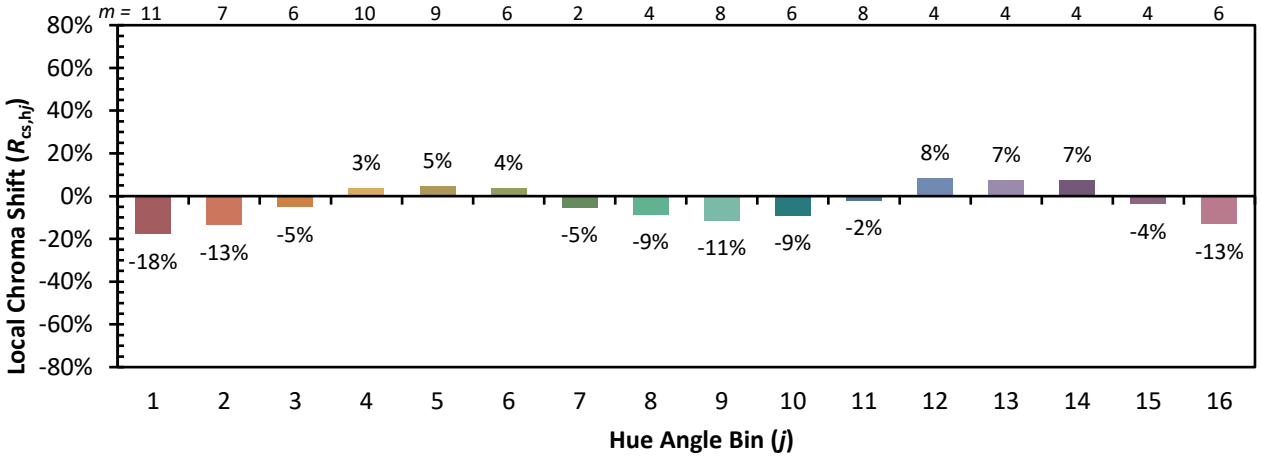
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82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

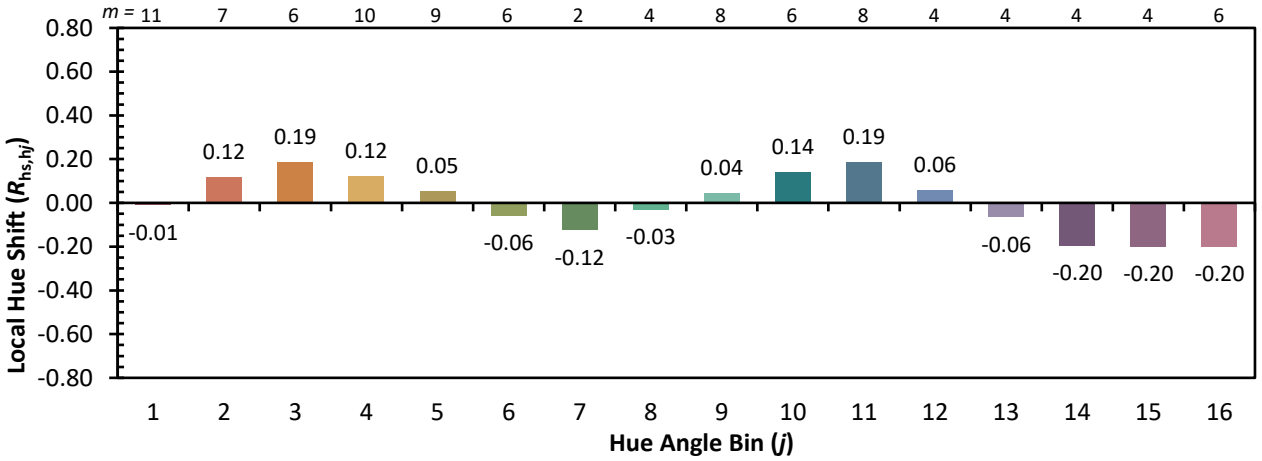


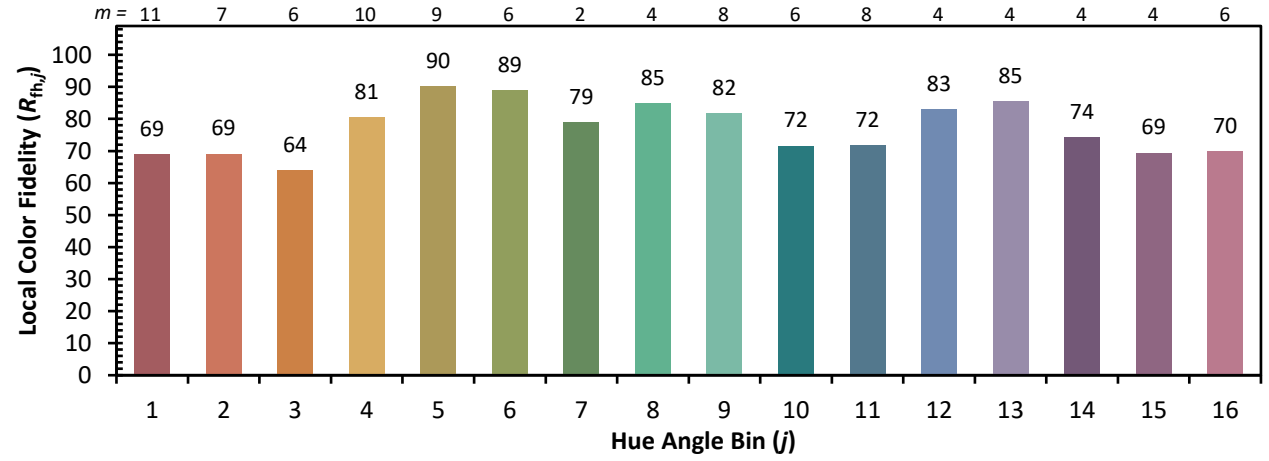
REPORT NUMBER: SP1-2501-332-4

TM-30-18

Color Rendition by Hue-Angle Bin



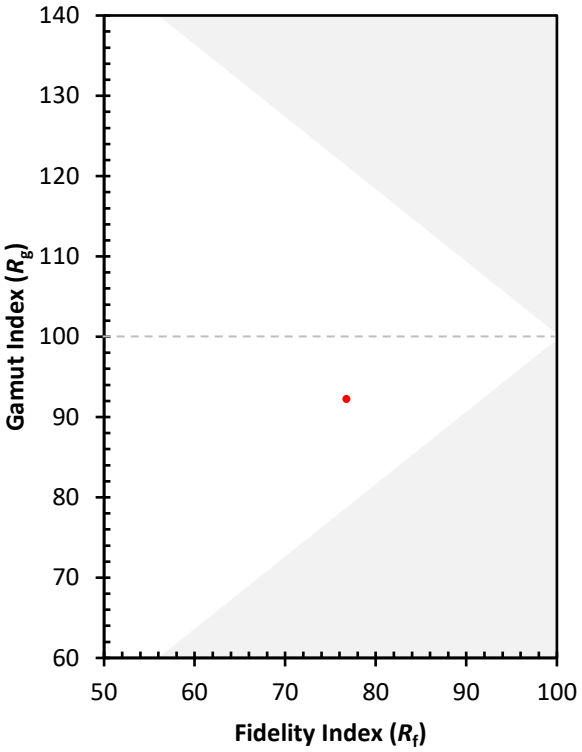


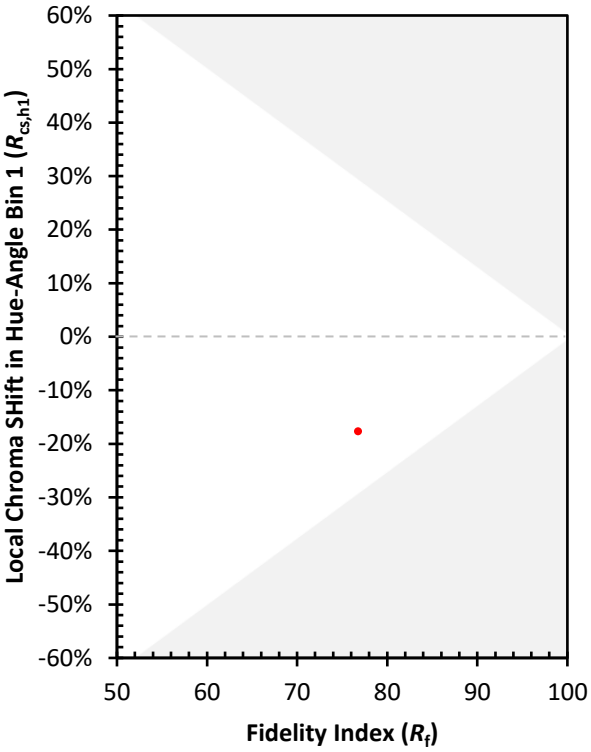


REPORT NUMBER: SP1-2501-332-4

TM-30-18

Measure Comparisons





(END OF REPORT)