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: P981276

Luminaire Tested: **FFX-CLB-50-722-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:	P981276
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-50-722-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6995.2 lumens
Efficiency:	N/A
Efficacy:	138.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B2 - U5 - G3

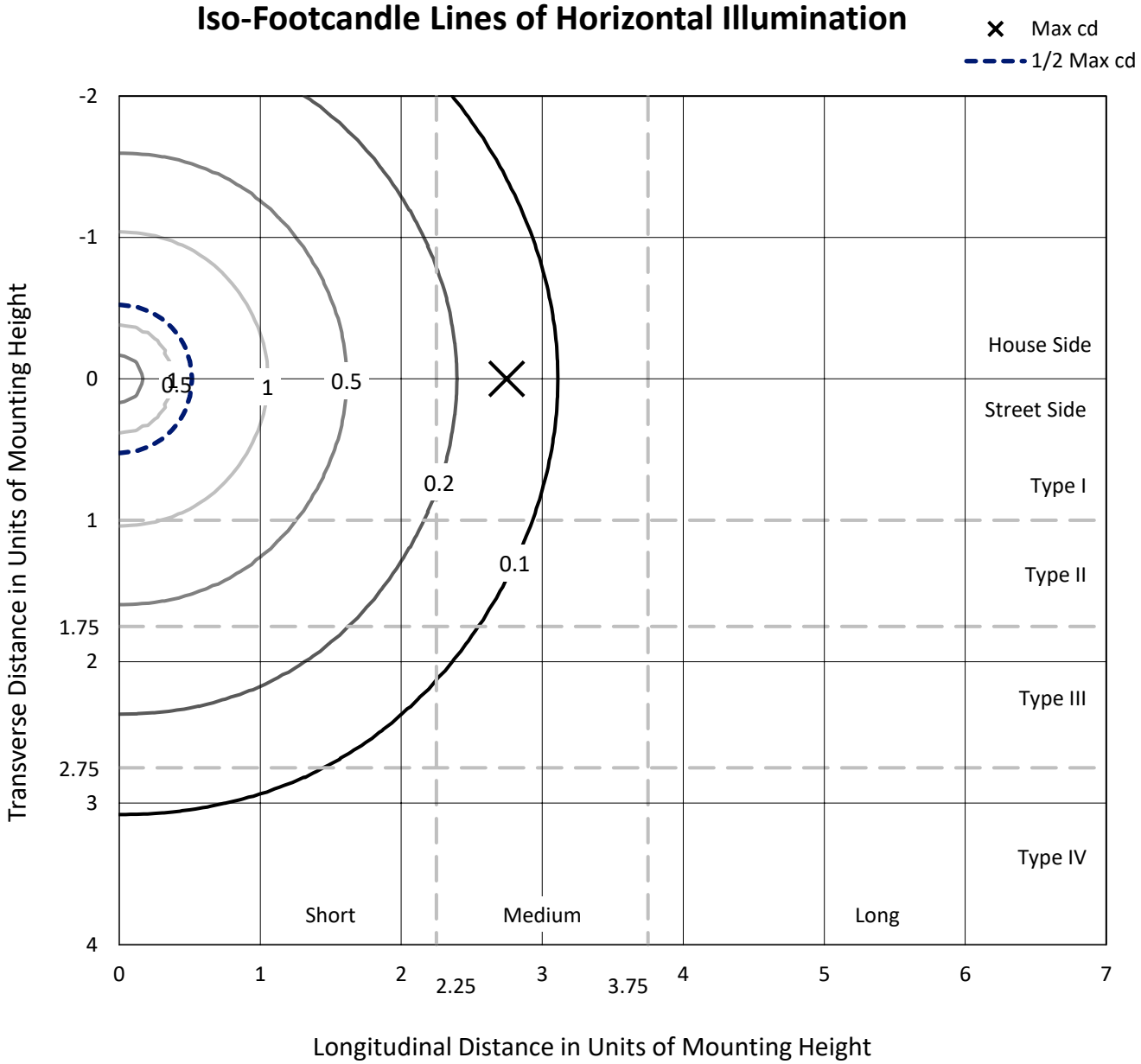
Input Watts (W):	50.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981276
CATALOG NUMBER: FFX-CLB-50-722-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



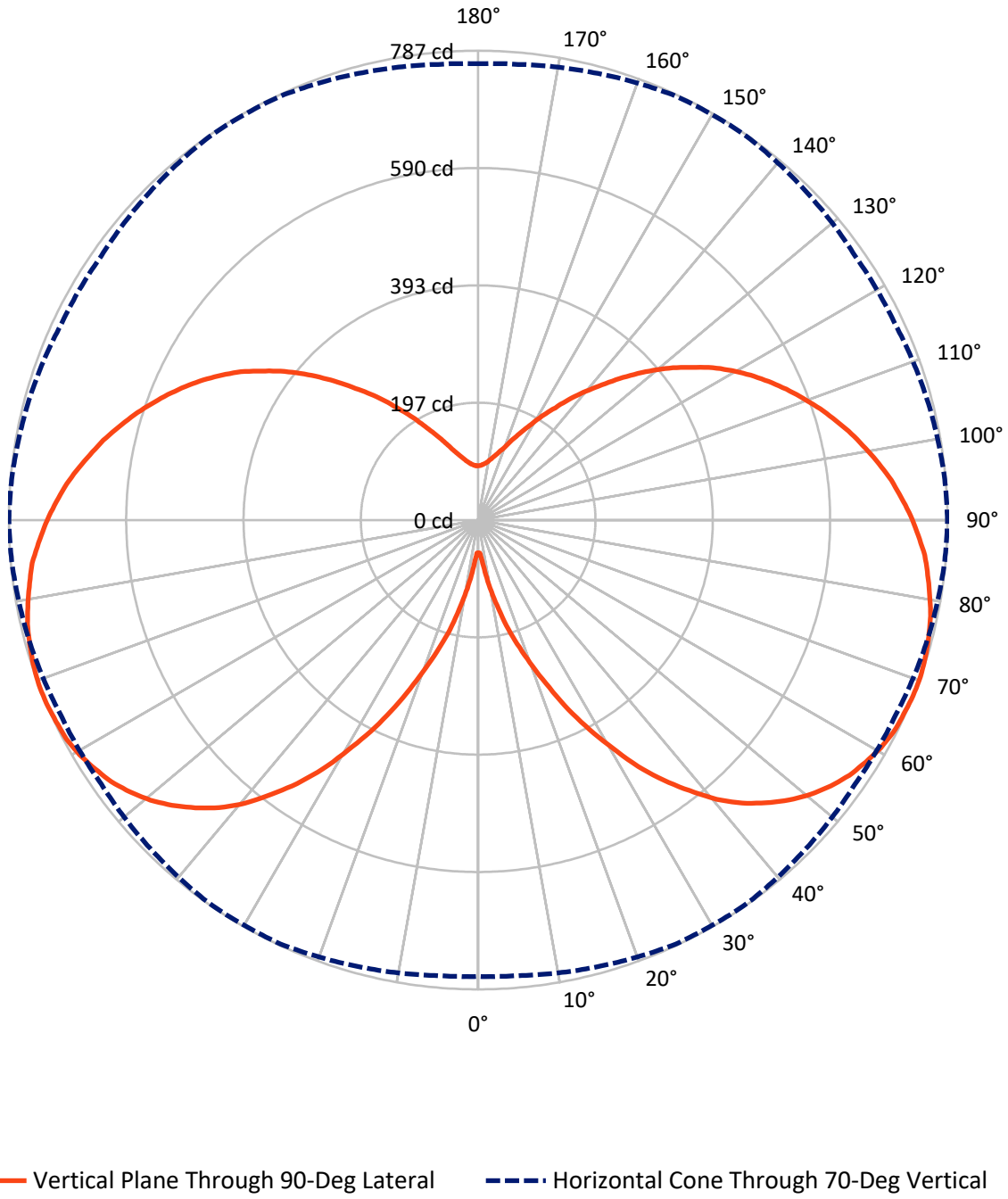
Based on 15 foot mounting height. Maximum calculated value = 1.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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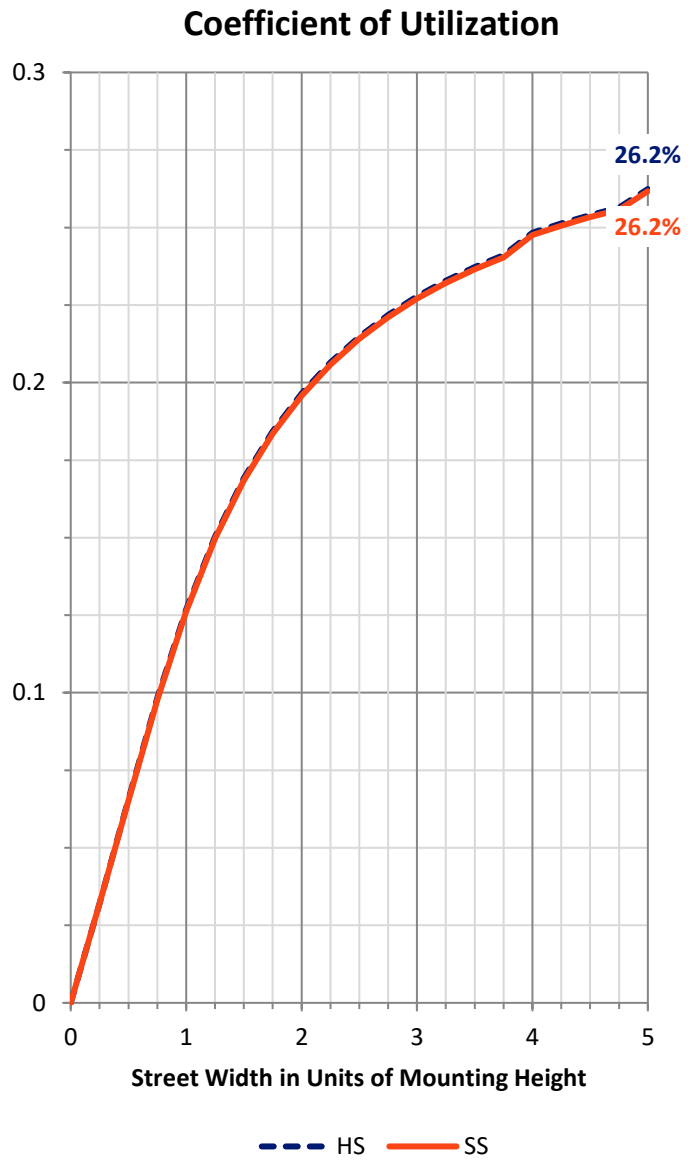
REPORT NUMBER: P981276
CATALOG NUMBER: FFX-CLB-50-722-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2070.8	1426.8	3497.6
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	2070.8	1426.8	3497.6
	% Fixture	29.6	20.4	50.0
Total	Lumens	4141.5	2853.6	6995.2
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.3	0.1
10°-20°	55.9	0.8
20°-30°	164.1	2.3
30°-40°	333.8	4.8
40°-50°	518.0	7.4
50°-60°	668.9	9.6
60°-70°	769.1	11.0
70°-80°	815.1	11.7
80°-90°	808.3	11.6
90°-100°	751.4	10.7
100°-110°	655.1	9.4
110°-120°	535.0	7.6
120°-130°	396.6	5.7
130°-140°	256.7	3.7
140°-150°	145.2	2.1
150°-160°	72.4	1.0
160°-170°	32.1	0.5
170°-180°	9.1	0.1
0°-90°	4141.5	59.2
0°-180°	6995.2	100.0



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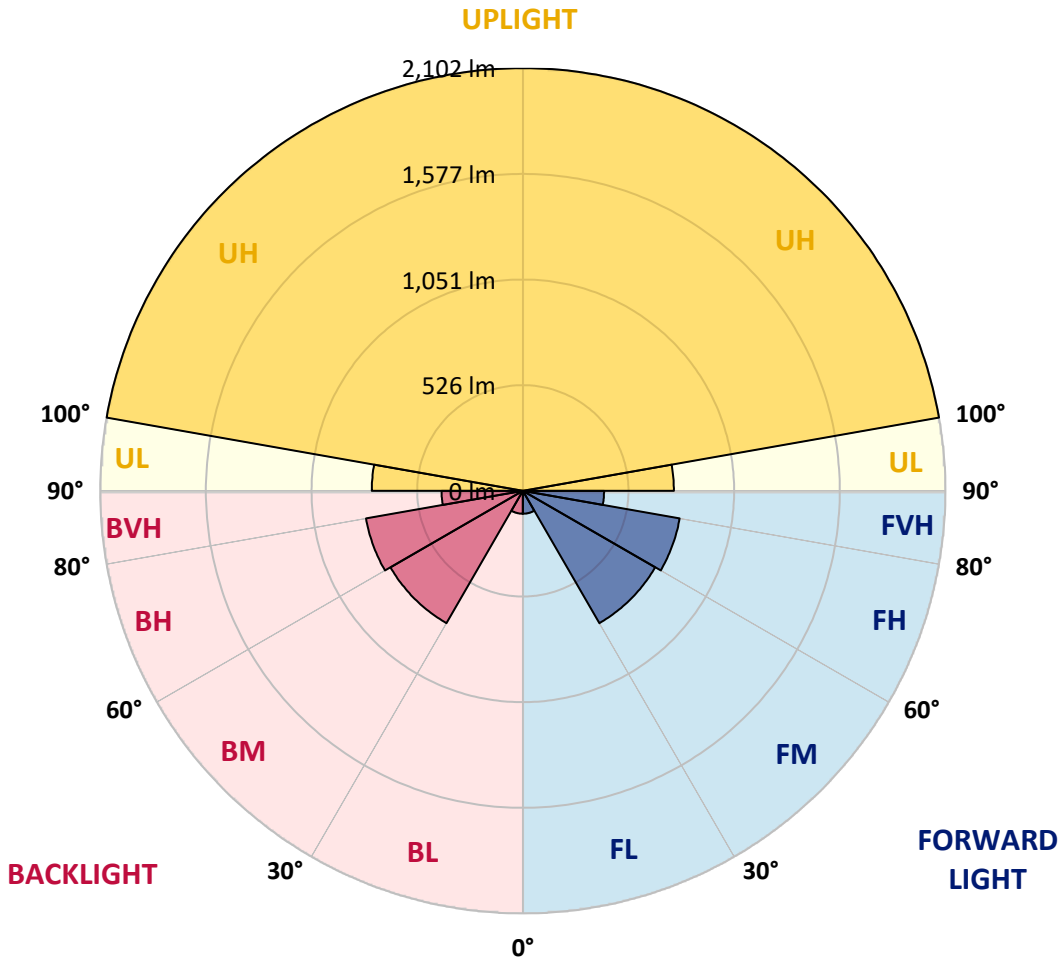
Scaled Data Report

REPORT NUMBER: P981276
CATALOG NUMBER: FFX-CLB-50-722-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	114.1	1.6			
FM	(30°-60°)	760.4	10.9			
FH	(60°-80°)	792.1	11.3			G1/1800
FVH	(80°-90°)	404.1	5.8			G3/500
BL	(0°-30°)	114.1	1.6	B1/500		
BM	(30°-60°)	760.4	10.9	B1/1000		
BH	(60°-80°)	792.1	11.3	B2/1000		G1/1800
BVH	(80°-90°)	404.1	5.8			G3/500
UL	(90°-100°)	751.4	10.7		U4/1000	
UH	(100°-180°)	2102.2	30.1		U5	

BUG Rating: B2-U5-G3
Type V Short



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Scaled Data Report

REPORT NUMBER: P981276
CATALOG NUMBER: FFX-CLB-50-722-U-VM9-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	*55.6*
2.5°	55.6	55.6	55.6	55.6	55.2	55.2	55.2	55.2	55.2	55.2	*55.2*
5°	68.7	68.2	68.2	68.7	68.7	68.7	68.2	68.7	67.8	67.4	*68.2*
7.5°	92.1	92.1	92.1	92.1	91.3	91.3	92.6	91.7	92.1	91.7	*92.6*
10°	120.4	120.4	120.0	120.8	121.3	120.8	120.4	121.7	120.8	120.8	*121.7*
12.5°	152.6	153.0	153.0	153.4	154.3	153.0	154.3	154.3	154.3	153.4	*153.0*
15°	189.5	189.1	189.9	189.5	187.8	189.5	189.9	189.1	189.5	189.9	*190.4*
17.5°	223.8	223.4	223.8	223.4	225.1	225.6	225.1	225.1	225.1	225.6	*224.7*
20°	261.7	262.1	260.8	262.1	262.1	263.0	264.7	264.3	264.7	263.4	*262.1*
22.5°	302.9	303.4	302.1	301.6	304.3	303.8	303.8	305.1	306.0	306.0	*305.1*
25°	347.3	346.4	346.4	347.7	347.7	347.3	349.5	350.3	349.9	351.2	*352.1*
27.5°	391.6	390.7	390.7	392.5	392.5	392.5	392.5	396.4	396.8	397.7	*398.1*
30°	434.6	437.7	437.7	436.8	438.1	440.3	441.6	441.6	442.9	442.9	*443.3*
32.5°	481.6	481.6	482.5	483.8	483.8	487.7	485.5	489.0	488.1	490.7	*492.5*
35°	525.9	526.8	526.8	529.4	529.4	530.3	530.7	532.9	535.9	535.5	*535.9*
37.5°	567.2	566.8	565.9	569.8	570.7	570.3	570.7	574.2	575.0	576.3	*575.5*
40°	605.0	603.7	605.9	608.1	608.1	608.9	609.8	611.5	613.3	614.2	*615.5*
42.5°	636.8	636.3	638.5	640.2	640.7	641.1	641.1	642.4	646.7	648.1	*648.9*
45°	664.6	664.1	666.7	668.9	670.2	670.2	668.9	670.7	674.6	675.9	*676.3*
47.5°	688.5	688.9	692.4	695.0	695.9	694.6	693.7	695.4	698.5	701.9	*701.5*
50°	708.5	708.9	712.8	717.2	717.6	716.3	714.1	715.4	719.8	722.4	*722.8*
52.5°	725.4	725.9	730.6	735.0	735.4	733.2	730.6	732.8	736.7	739.8	*740.6*
55°	738.9	740.2	745.0	749.8	751.1	748.0	744.5	745.8	750.2	755.0	*755.4*
57.5°	748.9	749.3	755.4	760.6	762.4	758.0	755.4	755.4	760.6	765.0	*765.8*
60°	755.8	757.6	764.5	770.6	771.5	767.6	762.8	763.7	769.3	774.1	*775.4*
62.5°	761.9	763.7	770.2	777.6	778.4	773.2	768.4	768.9	775.4	780.2	*781.9*
65°	765.0	766.3	774.1	781.5	782.4	777.1	771.5	771.9	778.0	783.7	*784.1*
67.5°	765.8	767.1	775.4	784.1	784.5	778.9	772.4	773.7	779.8	785.4	*786.3*
70°	*765.0*	*766.7*	*775.0*	*784.1*	*785.0*	*778.0*	*771.5*	*772.4*	*779.3*	*785.0*	*786.7*
72.5°	761.9	764.1	772.4	781.9	782.4	775.8	769.3	769.3	777.1	783.2	*784.1*
75°	758.0	760.2	769.3	778.9	779.3	772.4	765.4	766.3	773.7	779.3	*780.2*
77.5°	753.7	755.0	764.1	774.1	775.0	767.6	760.6	761.5	768.4	774.5	*775.4*
80°	746.7	748.0	757.6	767.1	768.0	760.6	753.2	755.0	761.9	767.6	*767.6*
82.5°	738.5	739.3	748.9	759.3	759.8	752.4	745.8	746.7	753.7	759.3	*759.3*
85°	728.9	730.2	739.8	749.8	749.8	742.8	735.9	737.6	744.1	749.3	*751.1*
87.5°	718.5	718.9	728.5	737.6	738.0	731.1	725.0	726.3	732.8	737.6	*738.0*
90°	706.3	707.2	716.3	725.0	725.4	718.5	712.8	714.6	719.8	724.1	*725.4*
92.5°	692.8	694.1	702.8	711.1	710.6	704.6	699.8	701.9	706.3	710.6	*710.6*
95°	678.9	680.7	687.6	695.4	694.6	689.3	685.4	687.2	691.5	695.0	*695.9*
97.5°	664.1	664.6	672.0	677.6	677.6	672.8	669.8	671.1	675.4	677.6	*678.5*
100°	648.1	648.5	654.1	659.8	659.8	655.4	653.3	654.6	658.1	659.8	*660.2*
102.5°	632.0	631.5	636.3	641.1	641.1	637.6	635.9	638.5	640.2	641.5	*642.4*
105°	613.7	613.3	617.6	622.0	621.1	618.9	617.2	619.4	621.5	622.4	*622.4*
107.5°	593.7	595.5	598.1	601.5	601.1	599.4	599.4	600.7	602.0	602.4	*602.9*
110°	576.8	576.3	578.9	580.7	581.1	580.2	581.1	581.6	582.0	582.0	*582.0*

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REPORT NUMBER: P981276
CATALOG NUMBER: FFX-CLB-50-722-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	557.2	557.2	558.1	559.4	559.8	560.3	560.7	562.4	561.6	562.0	*561.1*
115°	535.9	536.4	537.2	537.7	538.5	539.0	541.1	541.1	541.6	540.7	*539.4*
117.5°	514.6	515.5	515.1	514.6	516.4	517.7	519.0	519.8	519.8	518.1	*517.2*
120°	491.6	490.7	490.7	490.7	492.0	494.2	495.9	496.4	495.9	493.8	*493.3*
122.5°	466.4	467.2	465.9	466.4	466.8	469.8	471.2	472.0	470.7	468.1	*469.0*
125°	440.3	441.2	439.0	439.0	441.2	442.5	443.8	445.1	442.9	441.6	*440.7*
127.5°	412.5	412.5	412.0	410.7	413.3	414.6	417.3	417.3	415.5	413.8	*414.6*
130°	384.2	383.8	384.7	383.8	384.2	386.8	389.0	388.1	387.3	386.4	*386.4*
132.5°	355.1	356.0	355.1	354.7	356.8	357.7	359.9	360.8	359.0	356.8	*357.7*
135°	327.7	327.3	326.9	326.9	328.2	330.3	331.6	331.2	331.2	330.3	*329.5*
137.5°	299.5	300.8	299.9	299.9	300.8	302.9	305.1	304.7	304.3	302.5	*301.6*
140°	274.3	273.4	273.8	273.8	276.0	276.0	278.2	278.2	277.7	276.4	*277.3*
142.5°	249.1	248.6	250.4	249.5	250.4	252.5	253.4	253.0	252.1	252.5	*253.0*
145°	226.0	226.4	226.0	226.4	227.8	229.1	230.8	229.9	229.9	228.6	*228.2*
147.5°	204.3	204.3	203.8	205.6	206.0	207.8	208.2	208.6	207.8	206.9	*208.2*
150°	185.2	184.7	184.7	185.2	186.0	187.3	188.2	188.2	188.6	187.8	*187.3*
152.5°	167.3	166.5	166.9	167.8	168.2	169.5	169.5	170.4	169.9	169.5	*169.5*
155°	151.3	151.7	151.7	152.1	153.0	153.4	154.3	153.9	154.3	153.9	*153.9*
157.5°	138.2	139.1	139.1	139.5	139.1	139.5	140.0	140.4	140.4	140.4	*140.4*
160°	127.8	127.4	127.4	127.4	127.4	127.8	128.7	128.2	128.7	128.2	*127.8*
162.5°	118.2	118.2	118.2	118.2	118.7	118.7	118.7	119.1	118.7	118.7	*118.7*
165°	110.4	110.8	110.4	110.4	110.4	110.8	110.8	110.8	110.8	110.8	*110.8*
167.5°	104.3	104.7	104.7	104.7	104.7	104.7	105.2	104.7	104.7	104.7	*104.7*
170°	99.5	100.0	100.0	99.5	100.0	99.5	99.5	100.0	99.5	99.5	*99.5*
172.5°	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	95.6	*95.6*
175°	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	*93.0*
177.5°	91.3	91.3	91.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	*91.3*
180°	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	*90.8*

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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: SP1-2501-332-2

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5

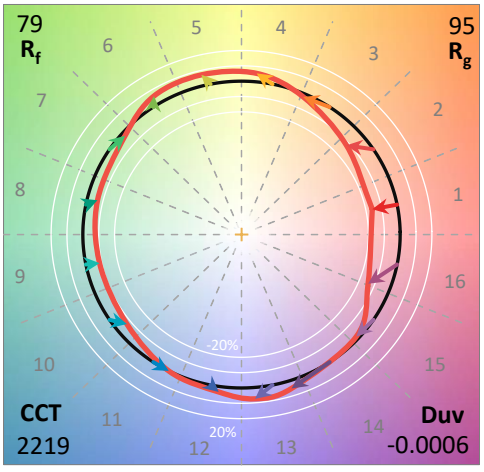
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-2
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-100-722-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2219	CRI (Ra):	73.3		
CIE u':	0.2889	R1:	71.2	R9:	-25.6
CIE v':	0.5348	R2:	89.1	R10:	78.7
Duv:	-0.0006	R3:	88.3	R11:	66.6
CIE x:	0.5023	R4:	68.0	R12:	77.1
CIE y:	0.4133	R5:	71.8	R13:	75.0
CIE z:	0.0844	R6:	89.6	R14:	93.9
Peak Wavelength (nm):	606	R7:	71.4	R15:	61.0
Dominant Wavelength (nm):	587	R8:	37.3		
Purity:	74.84521				
Rf:	78.8				
Rg:	94.5				



Test Conditions

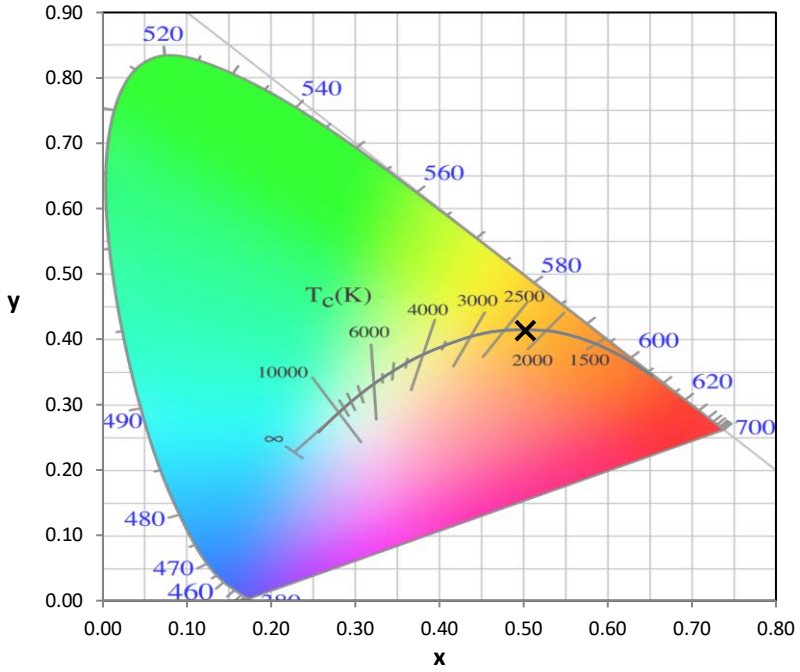
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

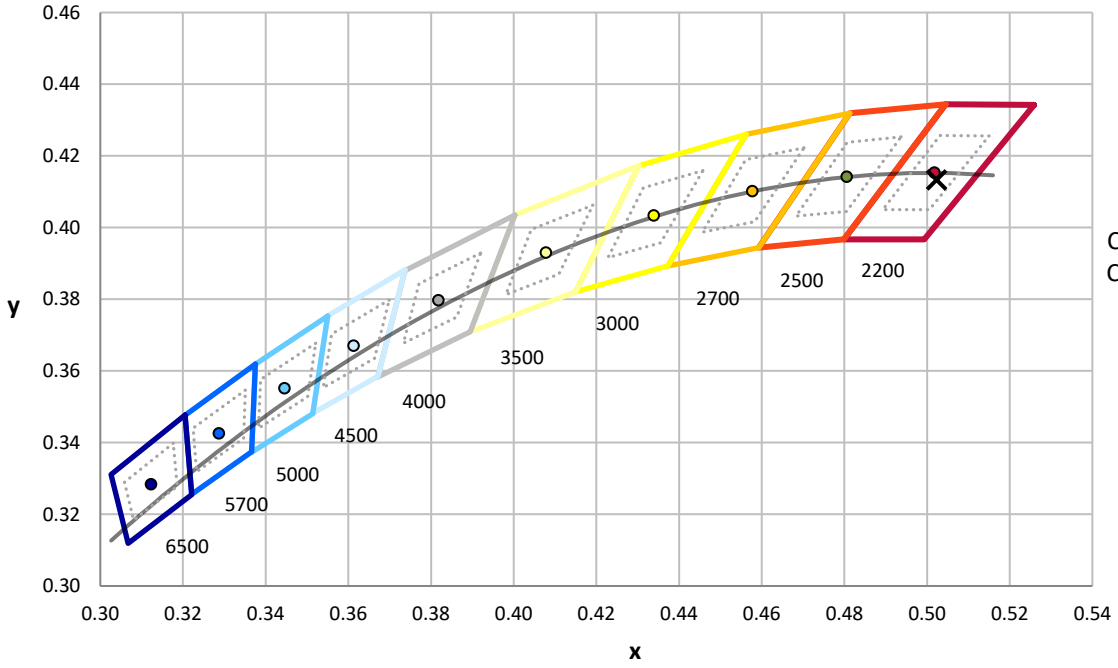
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-2

CIE 1931 Chromaticity Diagram



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

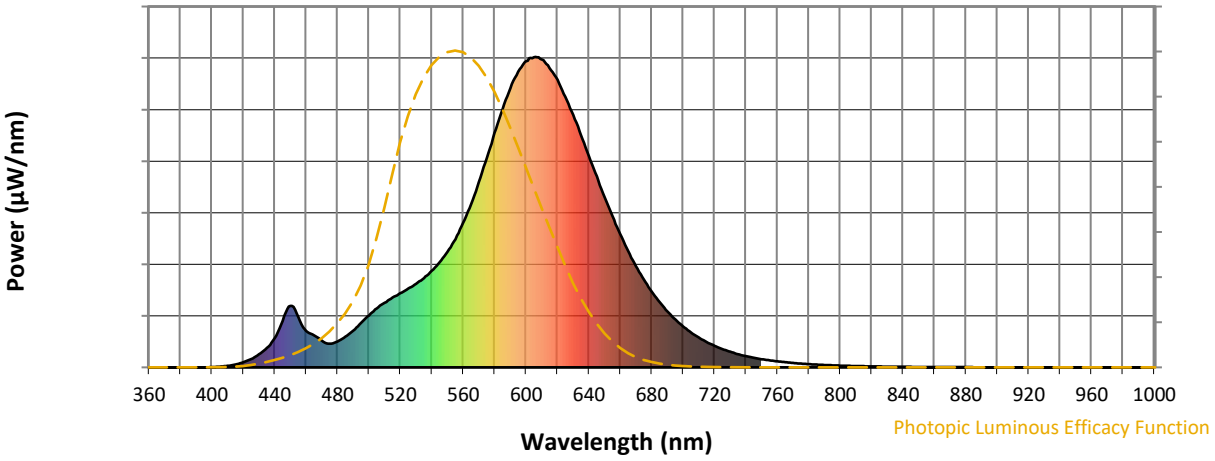


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

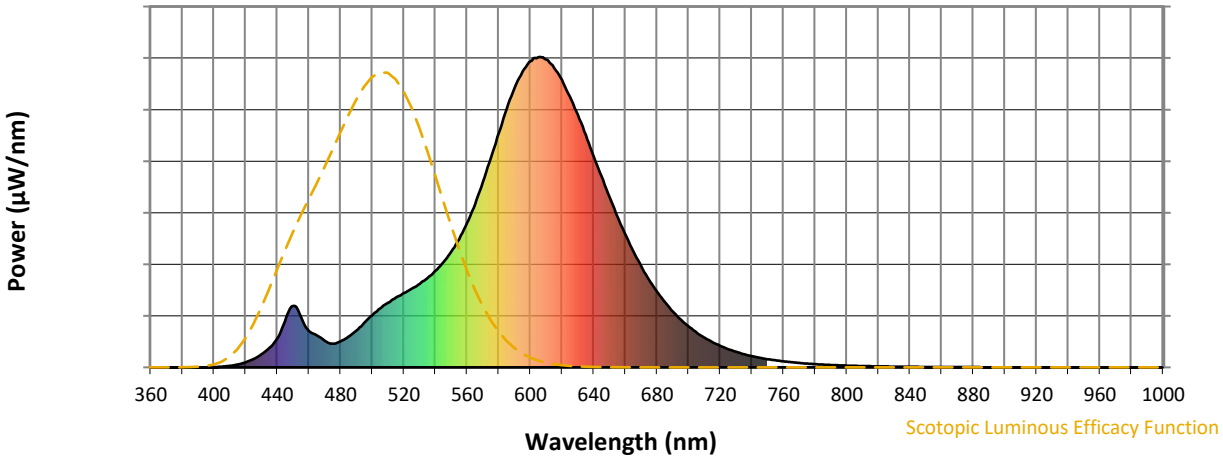


Photopic Lumens: NR

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-2

Scotopic Flux vs. Wavelength

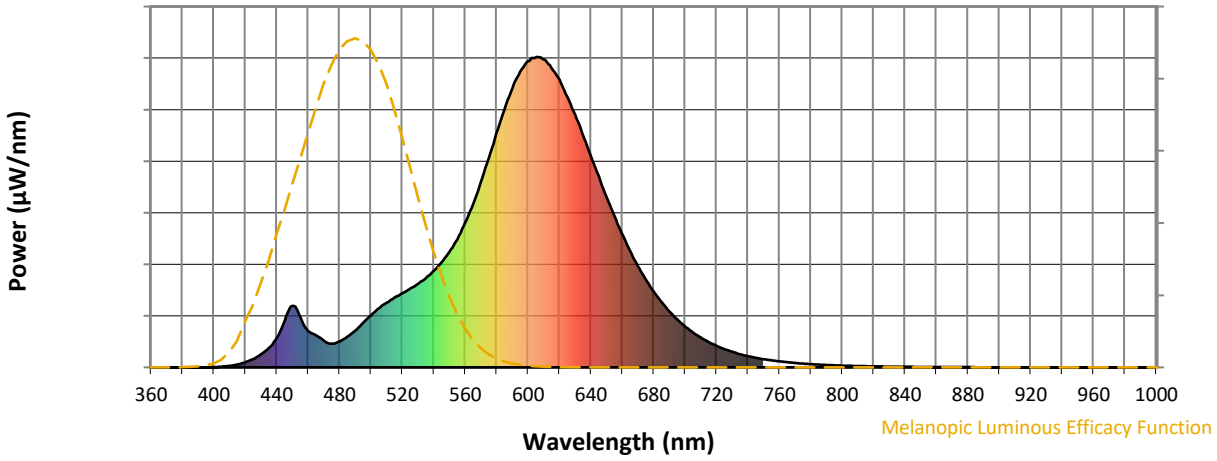


Scotopic Lumens: NR **S/P: 0.94**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.65**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

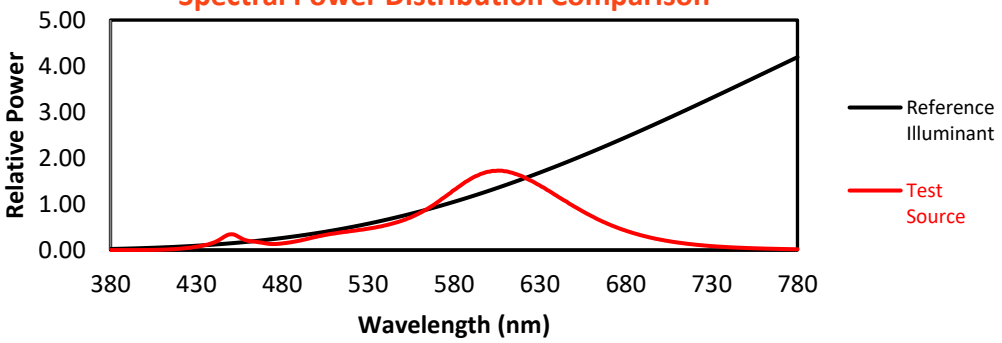
REPORT NUMBER: SP1-2501-332-2

TM-30-18

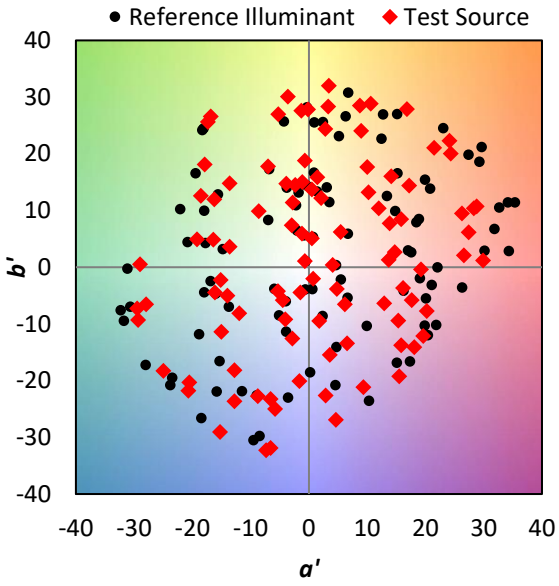
Summary

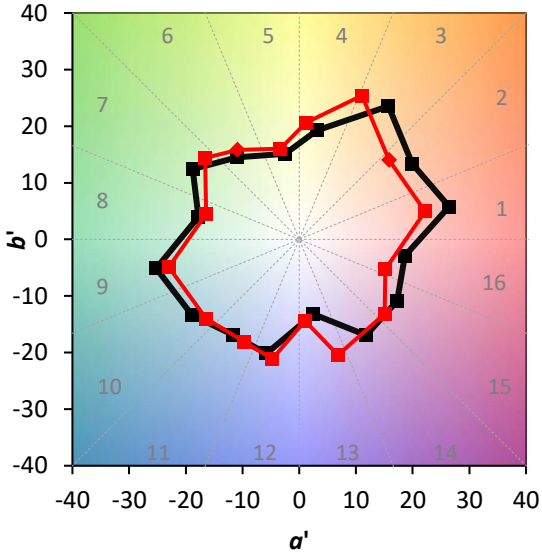
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

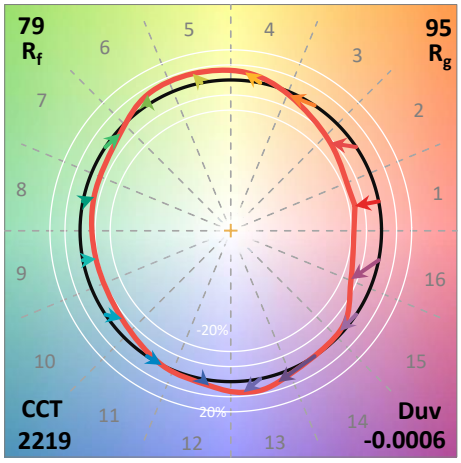
Spectral Power Distribution Comparison

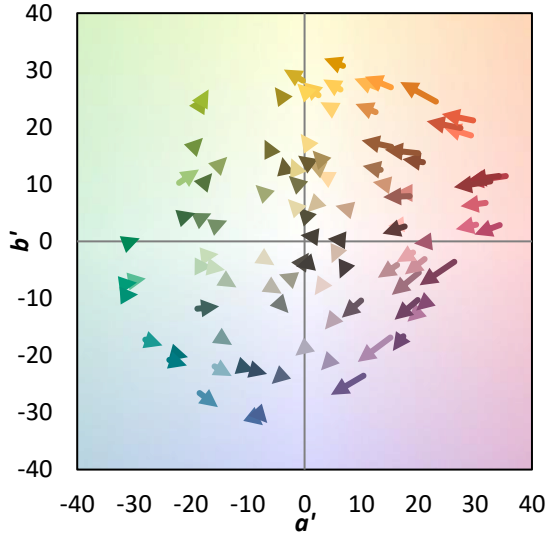


Color Vector Graphics







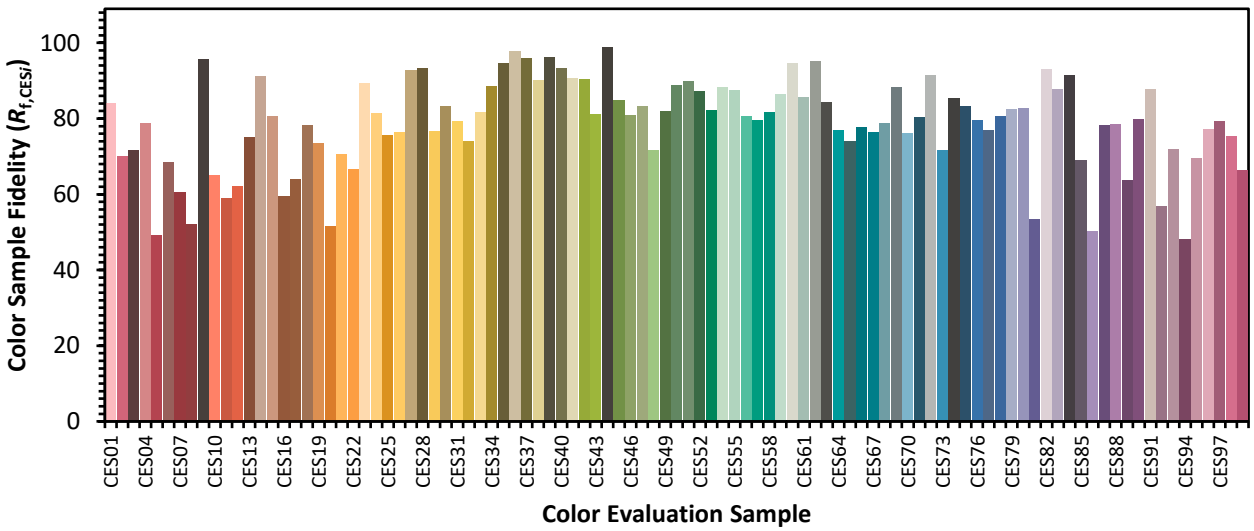


REPORT NUMBER: SP1-2501-332-2

TM-30-18

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

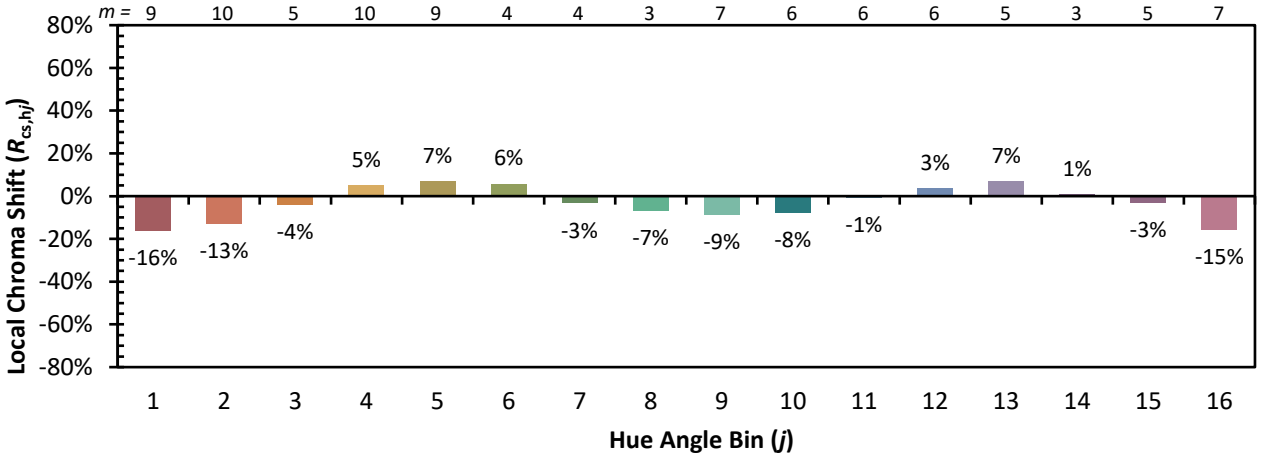
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 93
CES08 = 42	CES33 = 82	CES58 = 82	CES83 = 88
CES09 = 29	CES34 = 89	CES59 = 87	CES84 = 91
CES10 = 79	CES35 = 95	CES60 = 95	CES85 = 69
CES11 = 62	CES36 = 98	CES61 = 86	CES86 = 50
CES12 = 68	CES37 = 96	CES62 = 95	CES87 = 78
CES13 = 45	CES38 = 90	CES63 = 84	CES88 = 79
CES14 = 75	CES39 = 96	CES64 = 77	CES89 = 64
CES15 = 72	CES40 = 93	CES65 = 74	CES90 = 80
CES16 = 49	CES41 = 91	CES66 = 78	CES91 = 88
CES17 = 51	CES42 = 90	CES67 = 77	CES92 = 57
CES18 = 57	CES43 = 81	CES68 = 79	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 88	CES94 = 48
CES20 = 68	CES45 = 85	CES70 = 76	CES95 = 70
CES21 = 88	CES46 = 81	CES71 = 80	CES96 = 77
CES22 = 81	CES47 = 83	CES72 = 91	CES97 = 79
CES23 = 92	CES48 = 72	CES73 = 72	CES98 = 75
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 66
CES25 = 73	CES50 = 89	CES75 = 83	

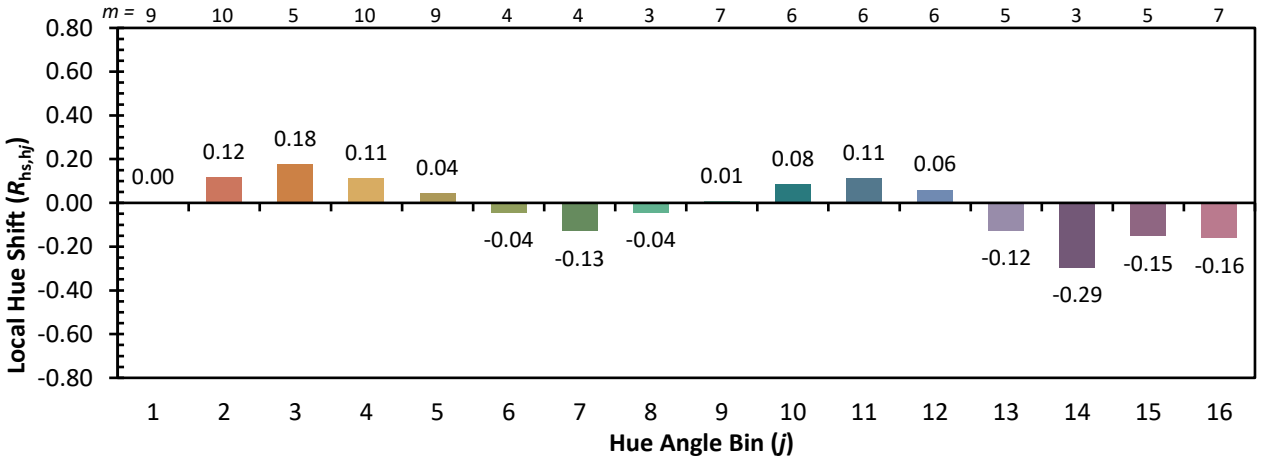


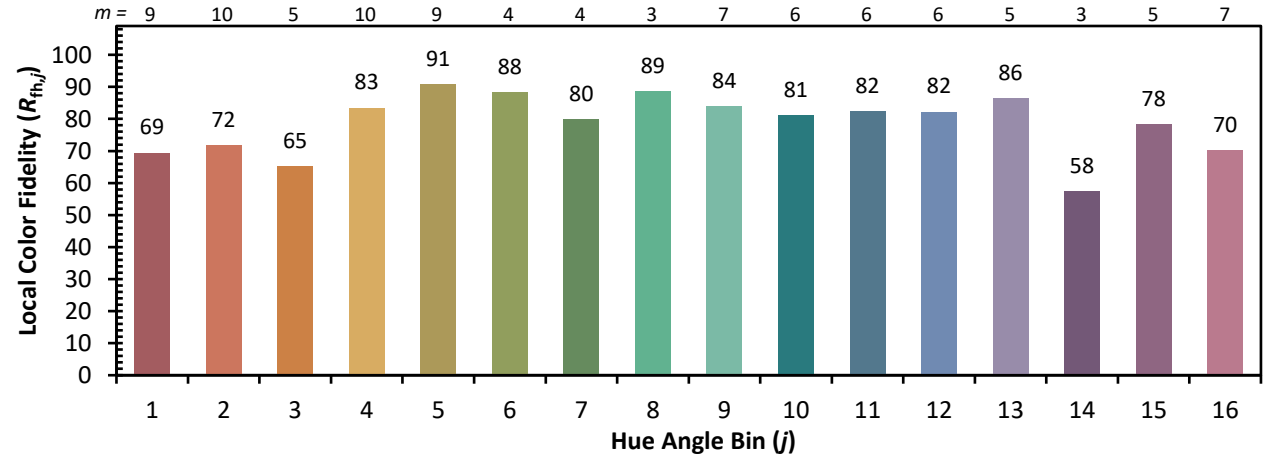
REPORT NUMBER: SP1-2501-332-2

TM-30-18

Color Rendition by Hue-Angle Bin



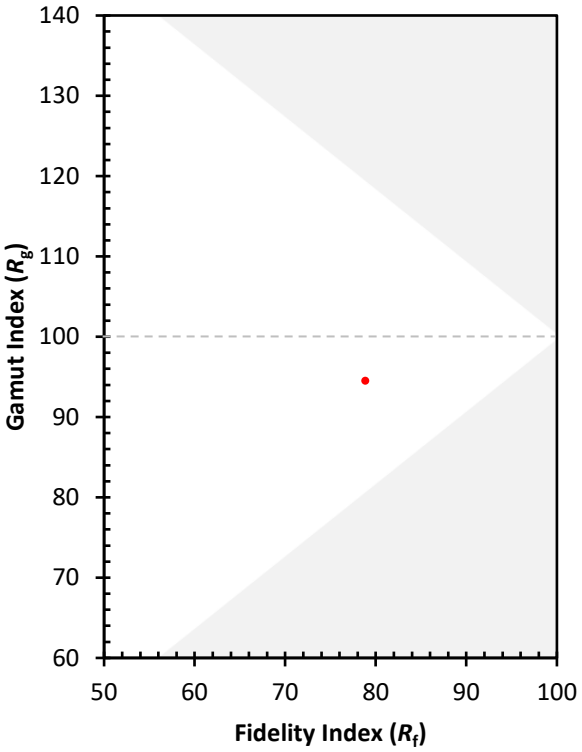


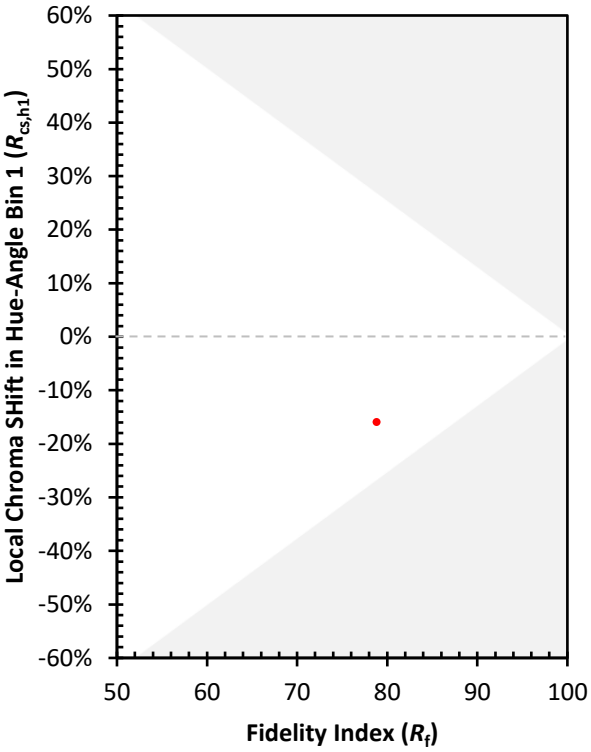


REPORT NUMBER: SP1-2501-332-2

TM-30-18

Measure Comparisons





(END OF REPORT)