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: P981278

Luminaire Tested: **FFX-CLB-30-722-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:	P981278
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-722-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:	4284.1 lumens
Efficiency:	N/A
Efficacy:	140.0 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B1 - U5 - G3

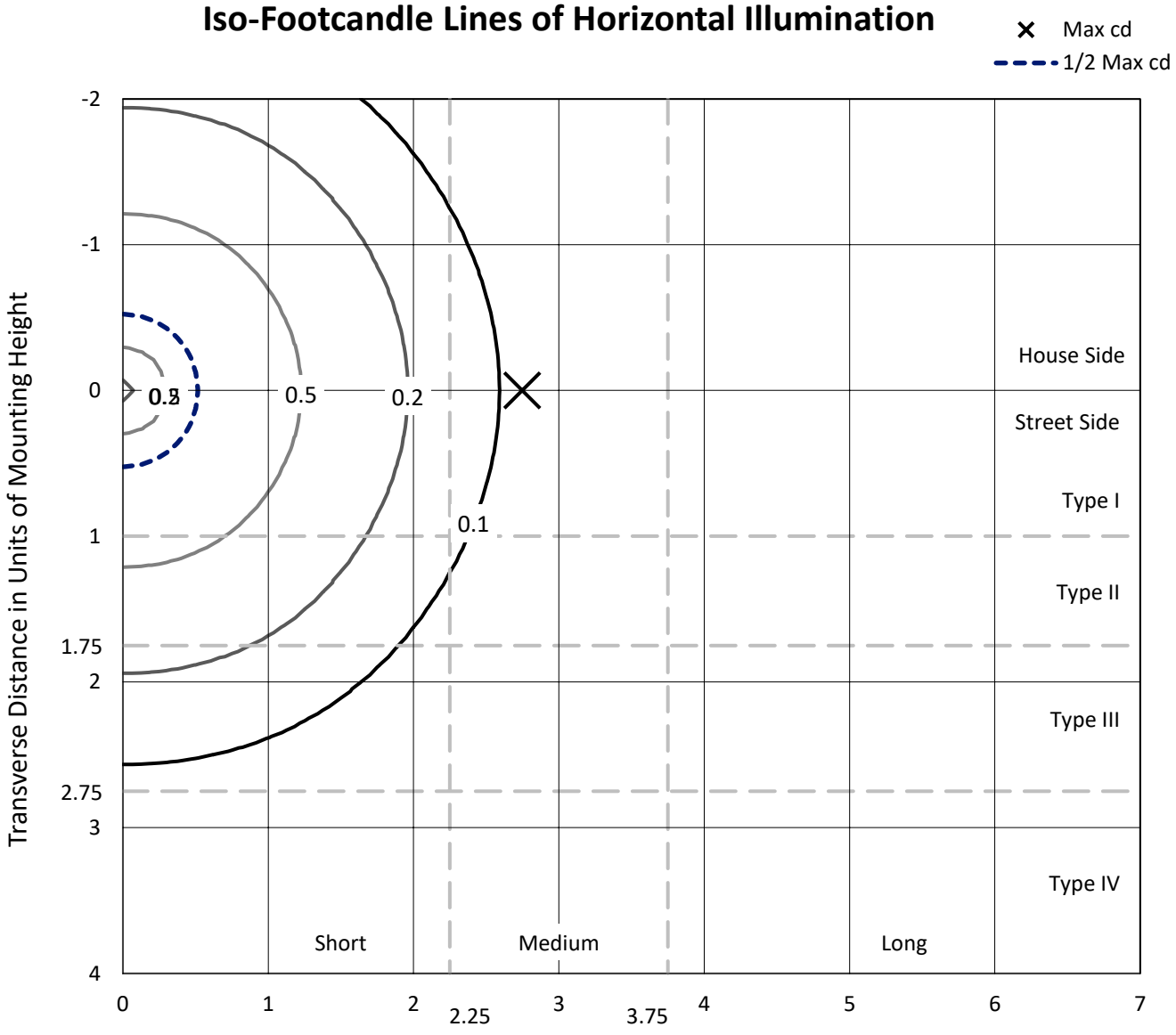
Input Watts (W):	30.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	10.8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981278
CATALOG NUMBER: FFX-CLB-30-722-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



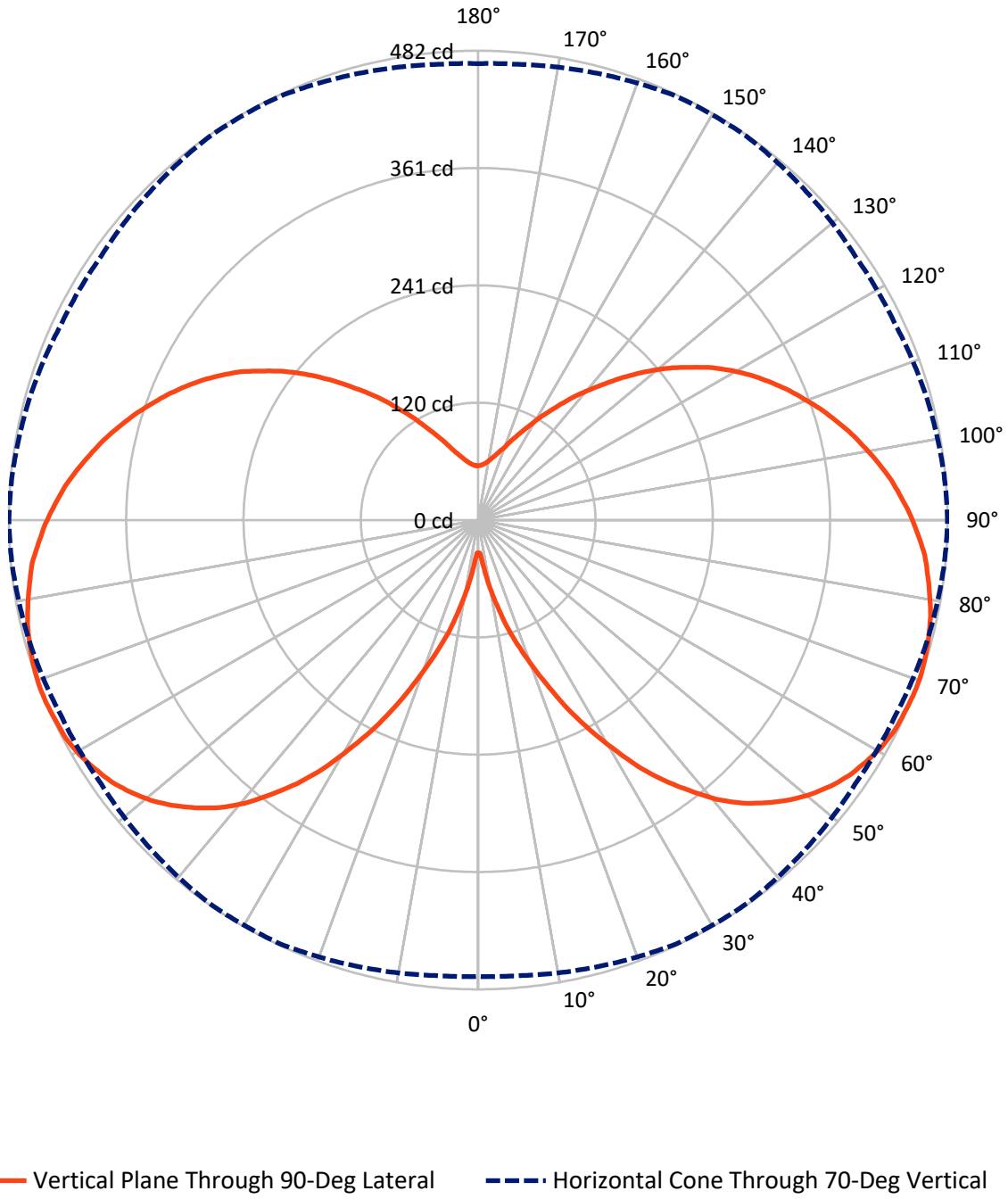
Based on 15 foot mounting height. Maximum calculated value = 0.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

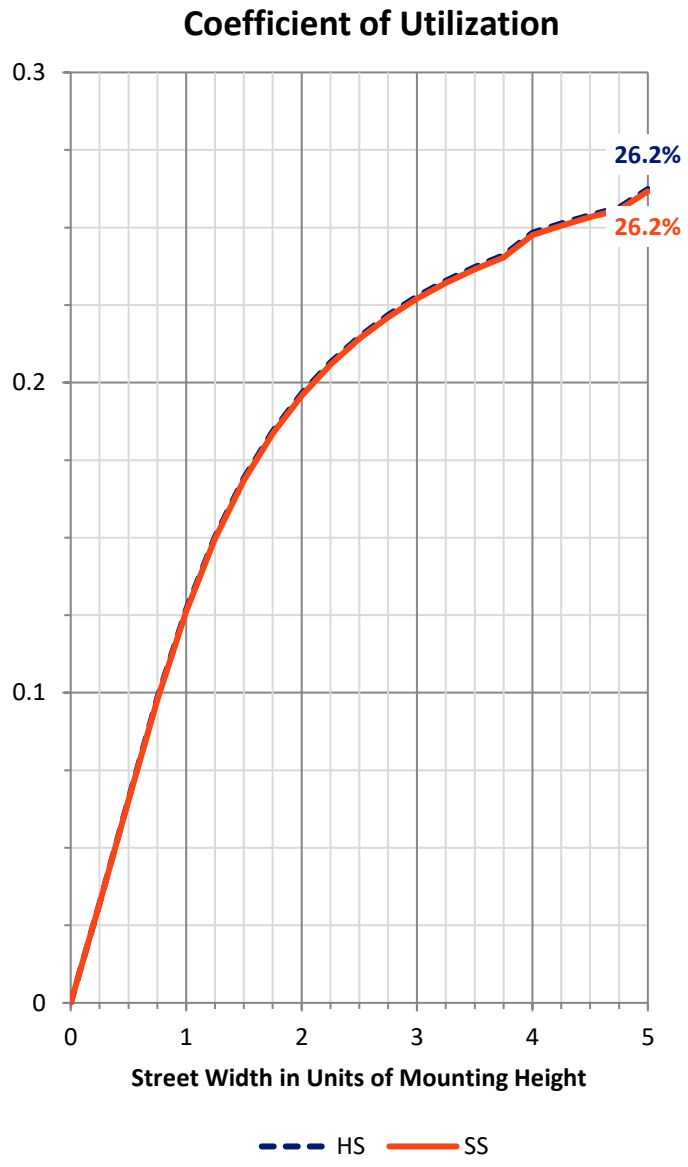
REPORT NUMBER: P981278
CATALOG NUMBER: FFX-CLB-30-722-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1268.2	873.8	2142.1
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	1268.2	873.8	2142.1
	% Fixture	29.6	20.4	50.0
Total	Lumens	2536.4	1747.7	4284.1
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.1	0.1
10°-20°	34.2	0.8
20°-30°	100.5	2.3
30°-40°	204.4	4.8
40°-50°	317.2	7.4
50°-60°	409.7	9.6
60°-70°	471.1	11.0
70°-80°	499.2	11.7
80°-90°	495.0	11.6
90°-100°	460.2	10.7
100°-110°	401.2	9.4
110°-120°	327.6	7.6
120°-130°	242.9	5.7
130°-140°	157.2	3.7
140°-150°	88.9	2.1
150°-160°	44.3	1.0
160°-170°	19.7	0.5
170°-180°	5.6	0.1
0°-90°	2536.4	59.2
0°-180°	4284.1	100.0



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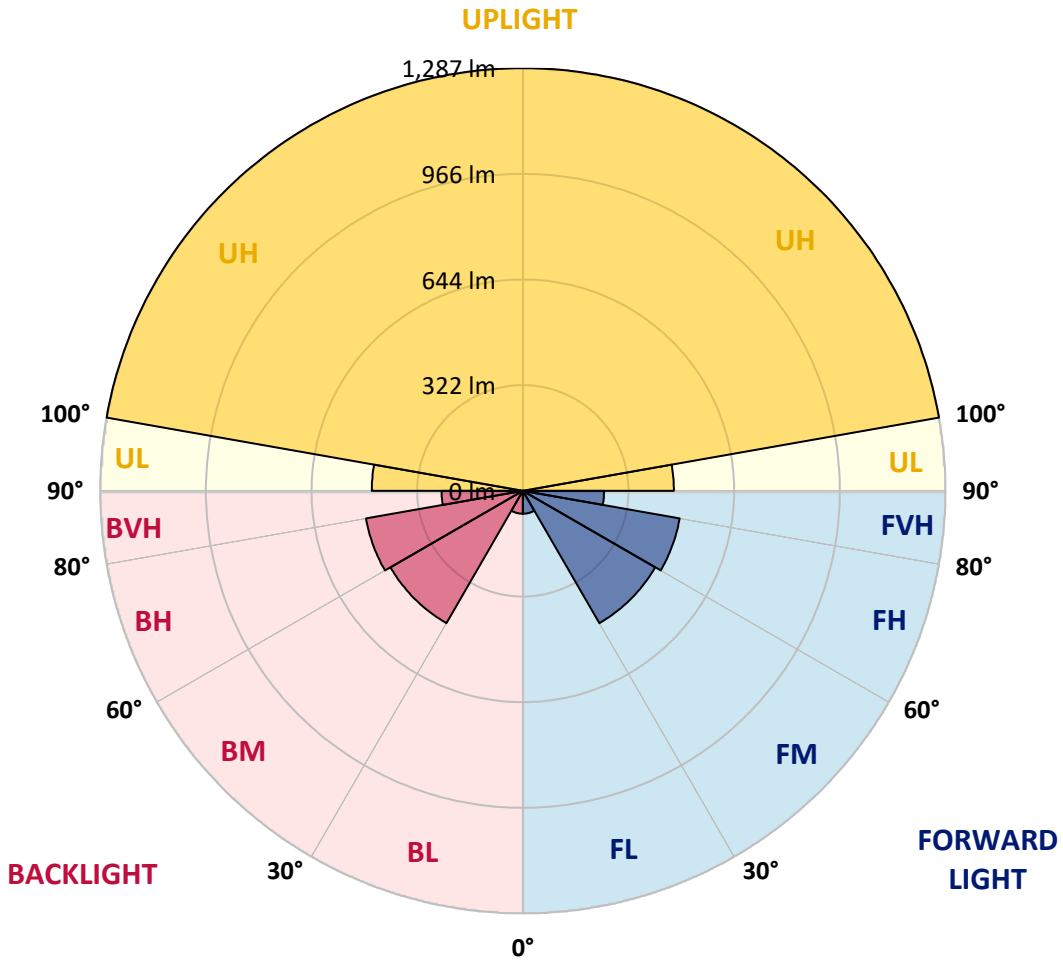
Scaled Data Report

REPORT NUMBER: P981278
CATALOG NUMBER: FFX-CLB-30-722-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	69.9	1.6			
FM	(30°-60°)	465.7	10.9			
FH	(60°-80°)	485.1	11.3			G0/660
FVH	(80°-90°)	247.5	5.8			G3/500
BL	(0°-30°)	69.9	1.6	B0/110		
BM	(30°-60°)	465.7	10.9	B1/1000		
BH	(60°-80°)	485.1	11.3	B1/500		G0/660
BVH	(80°-90°)	247.5	5.8			G3/500
UL	(90°-100°)	460.2	10.7		U3/500	
UH	(100°-180°)	1287.5	30.1		U5	

BUG Rating: B1-U5-G3
Type V Short



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Scaled Data Report

REPORT NUMBER: P981278
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	*34.1*
2.5°	34.1	34.1	34.1	34.1	33.8	33.8	33.8	33.8	33.8	33.8	*33.8*
5°	42.1	41.8	41.8	42.1	42.1	42.1	41.8	42.1	41.5	41.3	*41.8*
7.5°	56.4	56.4	56.4	56.4	55.9	55.9	56.7	56.2	56.4	56.2	*56.7*
10°	73.7	73.7	73.5	74.0	74.3	74.0	73.7	74.5	74.0	74.0	*74.5*
12.5°	93.4	93.7	93.7	94.0	94.5	93.7	94.5	94.5	94.5	94.0	*93.7*
15°	116.1	115.8	116.3	116.1	115.0	116.1	116.3	115.8	116.1	116.3	*116.6*
17.5°	137.1	136.8	137.1	136.8	137.9	138.2	137.9	137.9	137.9	138.2	*137.6*
20°	160.2	160.5	159.7	160.5	160.5	161.0	162.1	161.8	162.1	161.3	*160.5*
22.5°	185.5	185.8	185.0	184.7	186.3	186.1	186.1	186.9	187.4	187.4	*186.9*
25°	212.7	212.2	212.2	213.0	213.0	212.7	214.0	214.6	214.3	215.1	*215.6*
27.5°	239.8	239.3	239.3	240.4	240.4	240.4	240.4	242.8	243.0	243.6	*243.8*
30°	266.2	268.1	268.1	267.5	268.3	269.7	270.5	270.5	271.2	271.2	*271.5*
32.5°	294.9	294.9	295.5	296.3	296.3	298.7	297.3	299.5	298.9	300.5	*301.6*
35°	322.1	322.6	322.6	324.2	324.2	324.8	325.0	326.4	328.2	327.9	*328.2*
37.5°	347.4	347.1	346.6	349.0	349.5	349.2	349.5	351.6	352.2	353.0	*352.4*
40°	370.5	369.7	371.1	372.4	372.4	372.9	373.5	374.5	375.6	376.1	*376.9*
42.5°	390.0	389.7	391.0	392.1	392.4	392.6	392.6	393.4	396.1	396.9	*397.4*
45°	407.0	406.7	408.3	409.7	410.5	410.5	409.7	410.7	413.1	413.9	*414.2*
47.5°	421.6	421.9	424.0	425.6	426.2	425.4	424.8	425.9	427.8	429.9	*429.6*
50°	433.9	434.2	436.6	439.2	439.5	438.7	437.4	438.2	440.8	442.4	*442.7*
52.5°	444.3	444.5	447.5	450.1	450.4	449.1	447.5	448.8	451.2	453.1	*453.6*
55°	452.5	453.3	456.3	459.2	460.0	458.1	456.0	456.8	459.4	462.4	*462.6*
57.5°	458.6	458.9	462.6	465.8	466.9	464.2	462.6	462.6	465.8	468.5	*469.0*
60°	462.9	464.0	468.2	472.0	472.5	470.1	467.2	467.7	471.2	474.1	*474.9*
62.5°	466.6	467.7	471.7	476.2	476.8	473.6	470.6	470.9	474.9	477.8	*478.9*
65°	468.5	469.3	474.1	478.6	479.1	476.0	472.5	472.8	476.5	479.9	*480.2*
67.5°	469.0	469.8	474.9	480.2	480.5	477.0	473.0	473.8	477.5	481.0	*481.5*
70°	*468.5*	*469.6*	*474.6*	*480.2*	*480.7*	*476.5*	*472.5*	*473.0*	*477.3*	*480.7*	*481.8*
72.5°	466.6	468.0	473.0	478.9	479.1	475.2	471.2	471.2	476.0	479.7	*480.2*
75°	464.2	465.6	471.2	477.0	477.3	473.0	468.8	469.3	473.8	477.3	*477.8*
77.5°	461.6	462.4	468.0	474.1	474.6	470.1	465.8	466.4	470.6	474.4	*474.9*
80°	457.3	458.1	464.0	469.8	470.4	465.8	461.3	462.4	466.6	470.1	*470.1*
82.5°	452.3	452.8	458.6	465.0	465.3	460.8	456.8	457.3	461.6	465.0	*465.0*
85°	446.4	447.2	453.1	459.2	459.2	454.9	450.7	451.7	455.7	458.9	*460.0*
87.5°	440.0	440.3	446.1	451.7	452.0	447.7	444.0	444.8	448.8	451.7	*452.0*
90°	432.6	433.1	438.7	444.0	444.3	440.0	436.6	437.6	440.8	443.5	*444.3*
92.5°	424.3	425.1	430.4	435.5	435.2	431.5	428.6	429.9	432.6	435.2	*435.2*
95°	415.8	416.9	421.1	425.9	425.4	422.2	419.8	420.8	423.5	425.6	*426.2*
97.5°	406.7	407.0	411.5	415.0	415.0	412.1	410.2	411.0	413.7	415.0	*415.5*
100°	396.9	397.2	400.6	404.1	404.1	401.4	400.1	400.9	403.0	404.1	*404.3*
102.5°	387.0	386.8	389.7	392.6	392.6	390.5	389.4	391.0	392.1	392.9	*393.4*
105°	375.9	375.6	378.3	380.9	380.4	379.1	378.0	379.3	380.7	381.2	*381.2*
107.5°	363.6	364.7	366.3	368.4	368.1	367.1	367.1	367.9	368.7	368.9	*369.2*
110°	353.2	353.0	354.6	355.6	355.9	355.4	355.9	356.2	356.4	356.4	*356.4*

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CATALOG NUMBER: FFX-CLB-30-722-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	341.3	341.3	341.8	342.6	342.9	343.1	343.4	344.5	343.9	344.2	*343.7*
115°	328.2	328.5	329.0	329.3	329.8	330.1	331.4	331.4	331.7	331.1	*330.3*
117.5°	315.2	315.7	315.4	315.2	316.2	317.0	317.8	318.4	318.4	317.3	*316.8*
120°	301.1	300.5	300.5	300.5	301.3	302.7	303.7	304.0	303.7	302.4	*302.1*
122.5°	285.6	286.2	285.4	285.6	285.9	287.8	288.6	289.1	288.3	286.7	*287.2*
125°	269.7	270.2	268.9	268.9	270.2	271.0	271.8	272.6	271.2	270.5	*269.9*
127.5°	252.6	252.6	252.4	251.6	253.1	253.9	255.5	255.5	254.5	253.4	*253.9*
130°	235.3	235.0	235.6	235.0	235.3	236.9	238.2	237.7	237.2	236.6	*236.6*
132.5°	217.5	218.0	217.5	217.2	218.5	219.1	220.4	220.9	219.9	218.5	*219.1*
135°	200.7	200.4	200.2	200.2	201.0	202.3	203.1	202.8	202.8	202.3	*201.8*
137.5°	183.4	184.2	183.7	183.7	184.2	185.5	186.9	186.6	186.3	185.3	*184.7*
140°	168.0	167.4	167.7	167.7	169.0	169.0	170.4	170.4	170.1	169.3	*169.8*
142.5°	152.5	152.3	153.3	152.8	153.3	154.7	155.2	154.9	154.4	154.7	*154.9*
145°	138.4	138.7	138.4	138.7	139.5	140.3	141.3	140.8	140.8	140.0	*139.8*
147.5°	125.1	125.1	124.8	125.9	126.2	127.2	127.5	127.8	127.2	126.7	*127.5*
150°	113.4	113.1	113.1	113.4	113.9	114.7	115.3	115.3	115.5	115.0	*114.7*
152.5°	102.5	102.0	102.2	102.8	103.0	103.8	103.8	104.3	104.1	103.8	*103.8*
155°	92.6	92.9	92.9	93.2	93.7	94.0	94.5	94.2	94.5	94.2	*94.2*
157.5°	84.6	85.2	85.2	85.4	85.2	85.4	85.7	86.0	86.0	86.0	*86.0*
160°	78.3	78.0	78.0	78.0	78.0	78.3	78.8	78.5	78.8	78.5	*78.3*
162.5°	72.4	72.4	72.4	72.4	72.7	72.7	72.7	72.9	72.7	72.7	*72.7*
165°	67.6	67.9	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	*67.9*
167.5°	63.9	64.2	64.2	64.2	64.2	64.2	64.4	64.2	64.2	64.2	*64.2*
170°	61.0	61.2	61.2	61.0	61.2	61.0	61.0	61.2	61.0	61.0	*61.0*
172.5°	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.6	*58.6*
175°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	*57.0*
177.5°	55.9	55.9	56.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9	*55.9*
180°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	*55.6*

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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

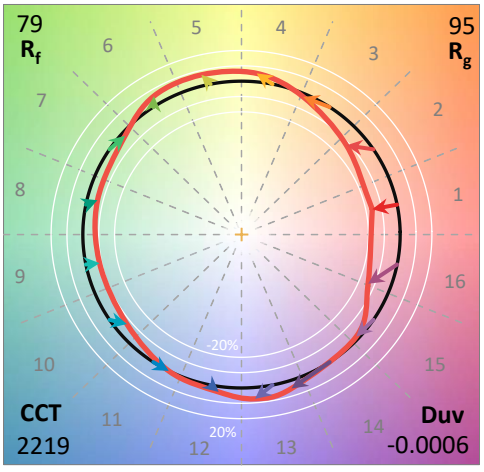
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

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

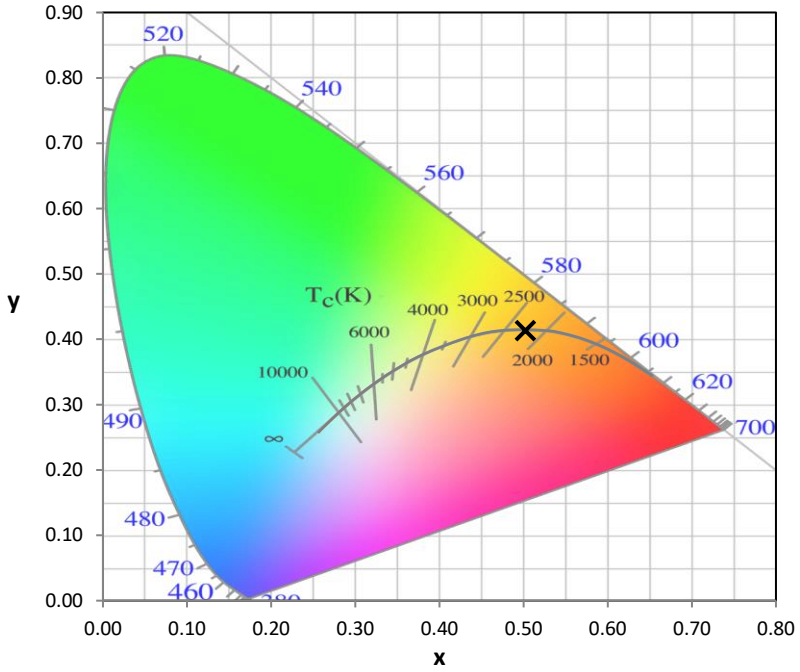
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

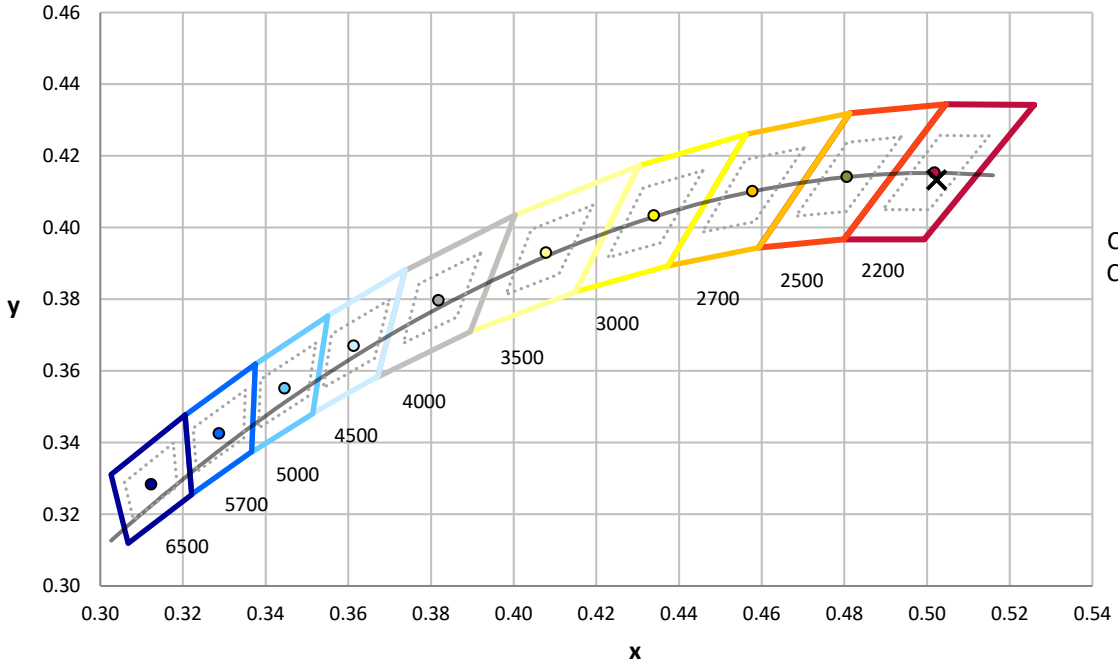
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

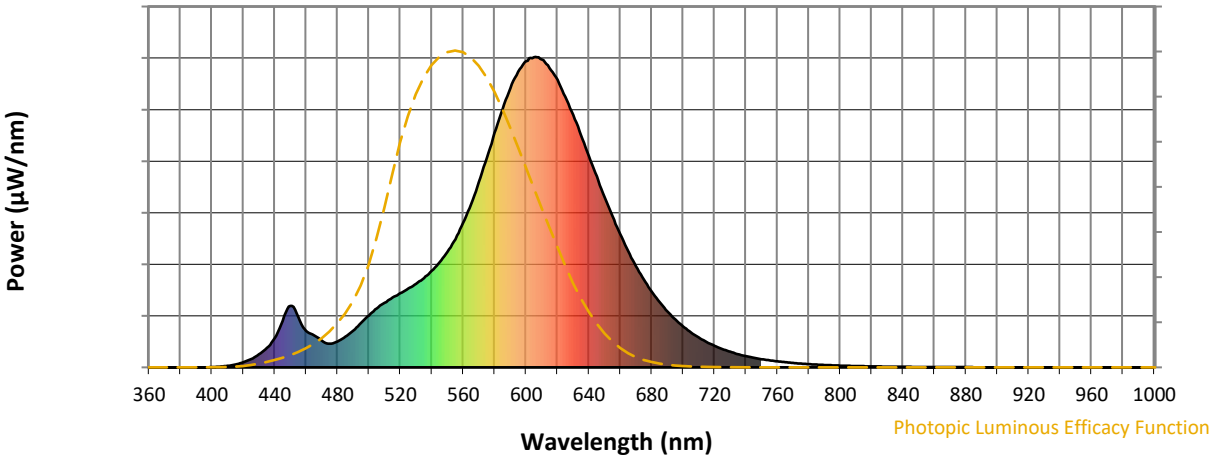


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

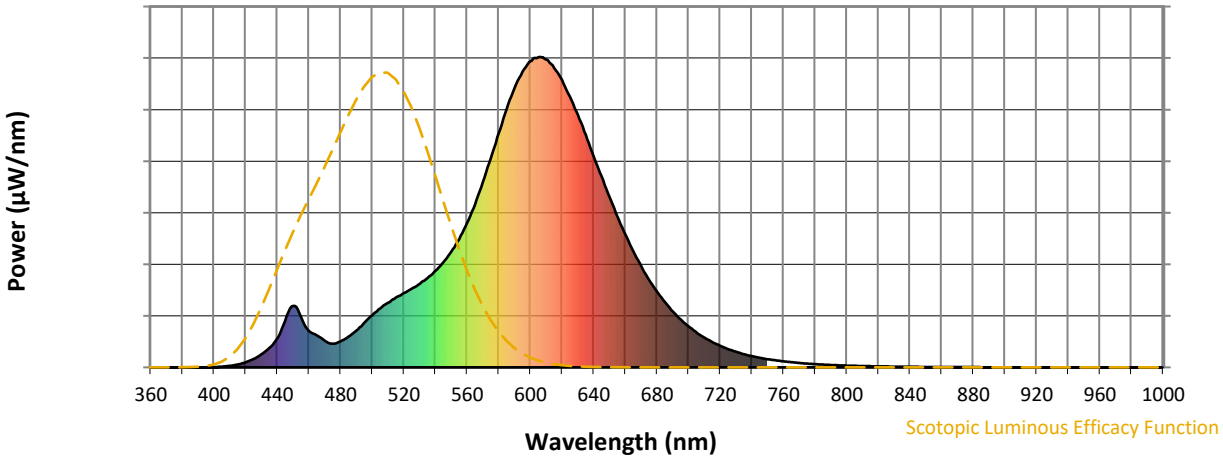


Photopic Lumens: NR

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

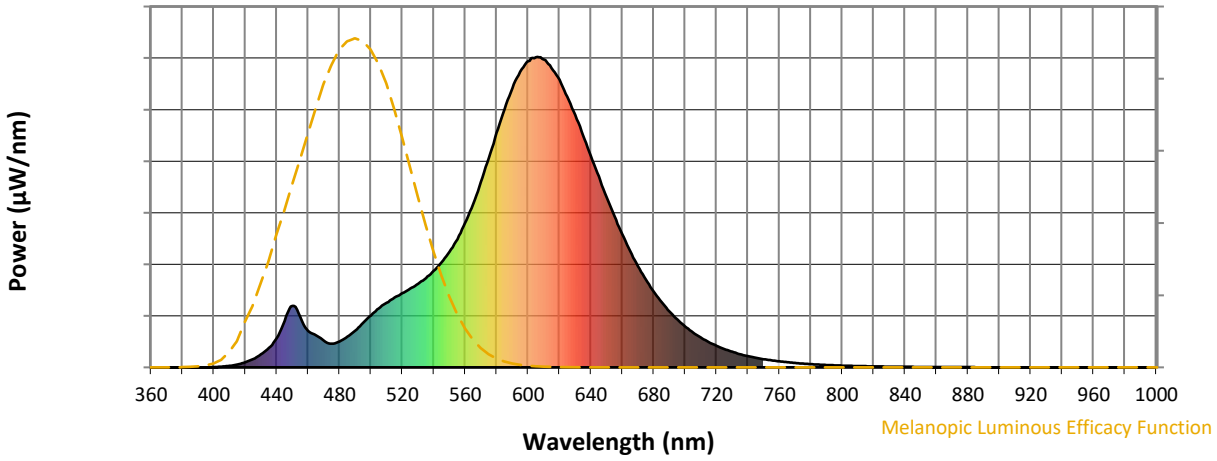


Scotopic Lumens: NR **S/P: 0.94**

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			

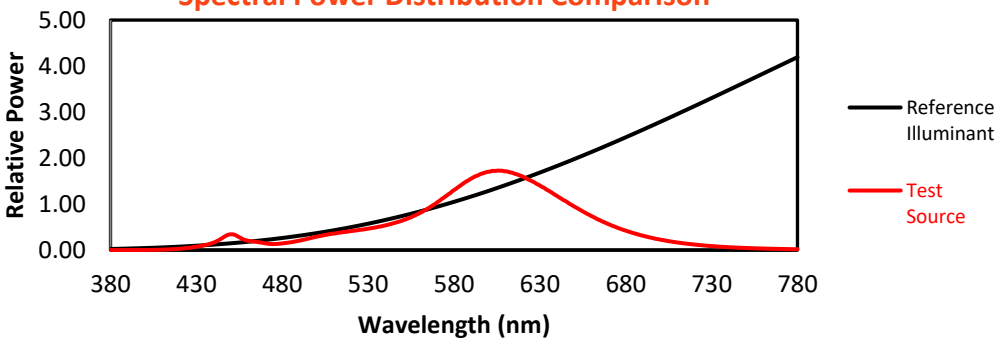
REPORT NUMBER: SP1-2501-332-2

TM-30-18

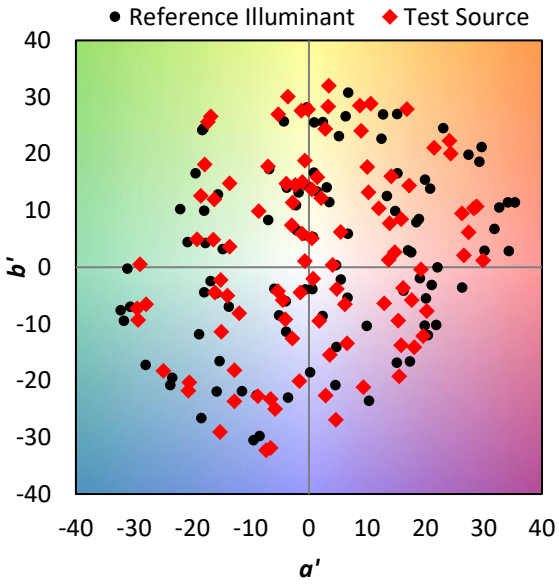
Summary

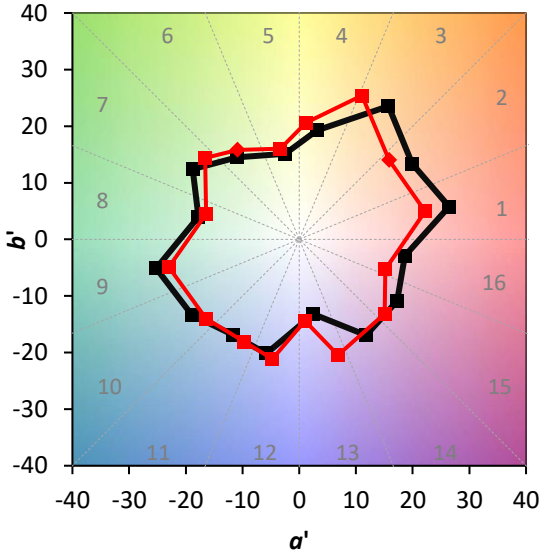
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

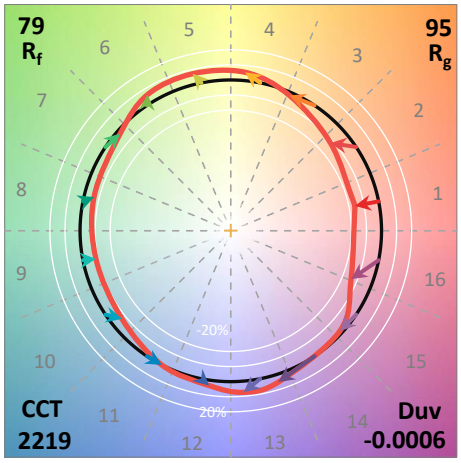
Spectral Power Distribution Comparison

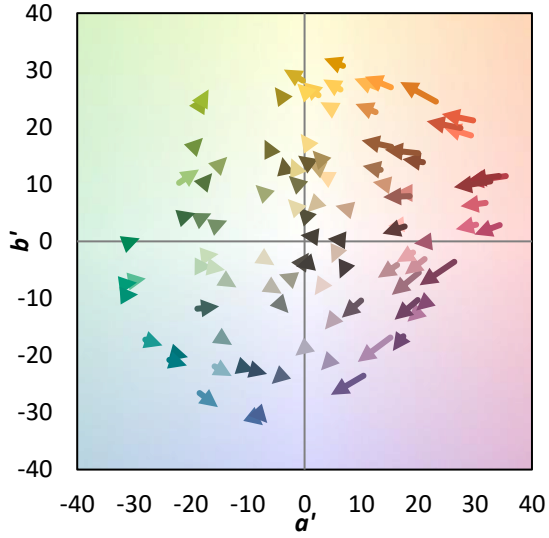


Color Vector Graphics







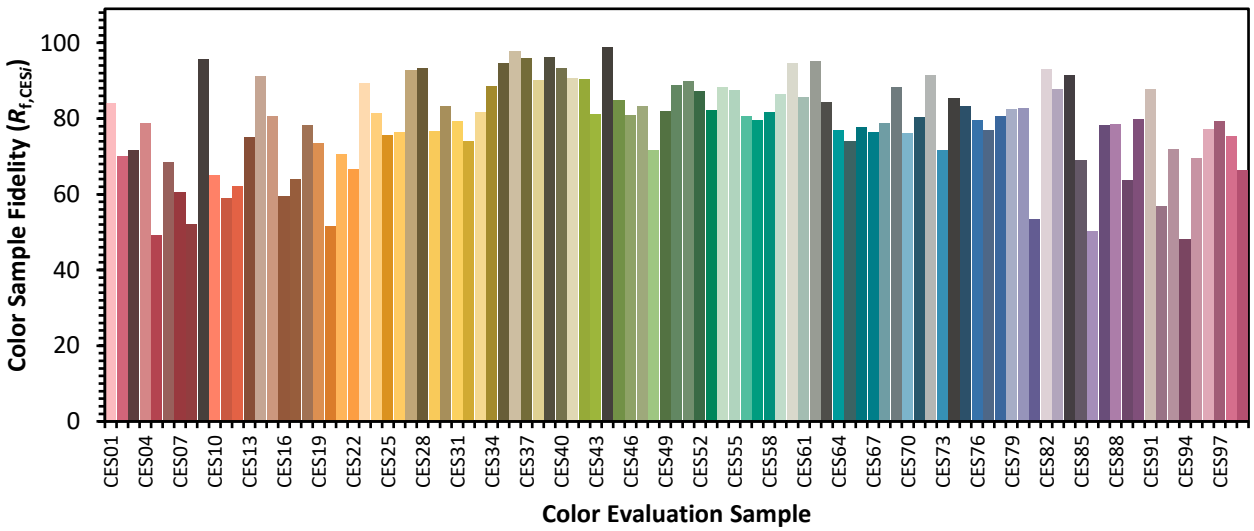


REPORT NUMBER: SP1-2501-332-2

TM-30-18

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

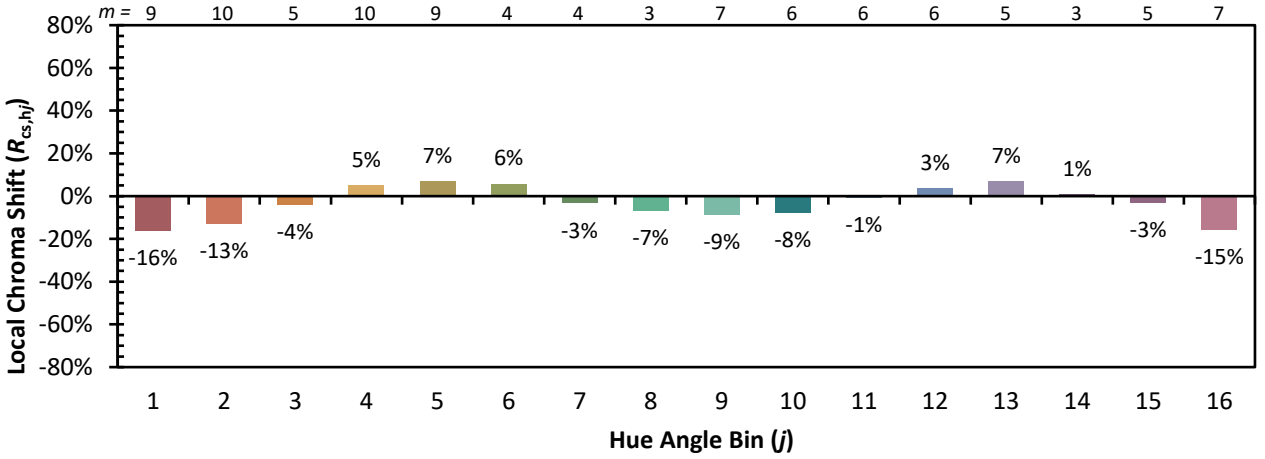
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 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	

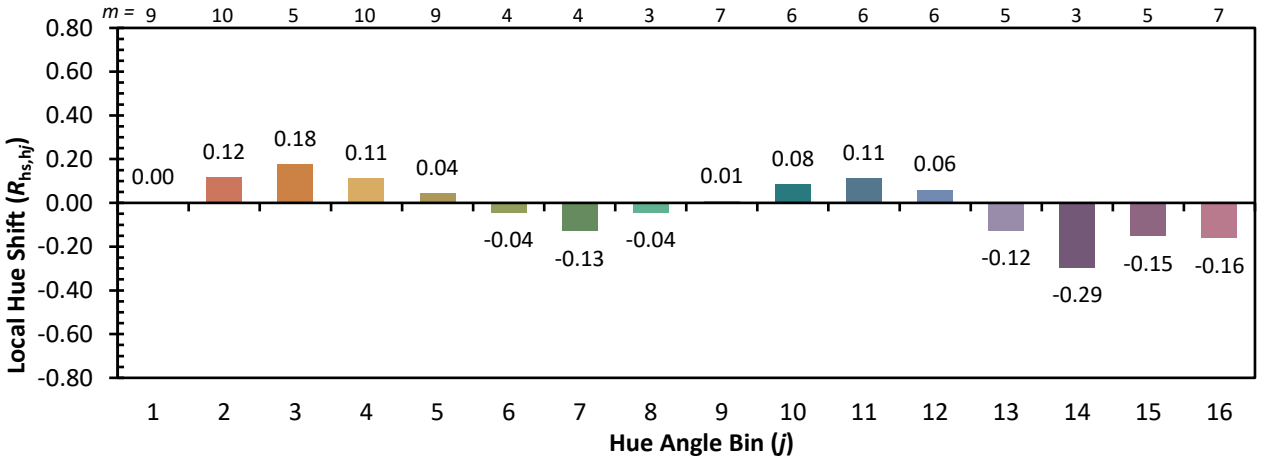


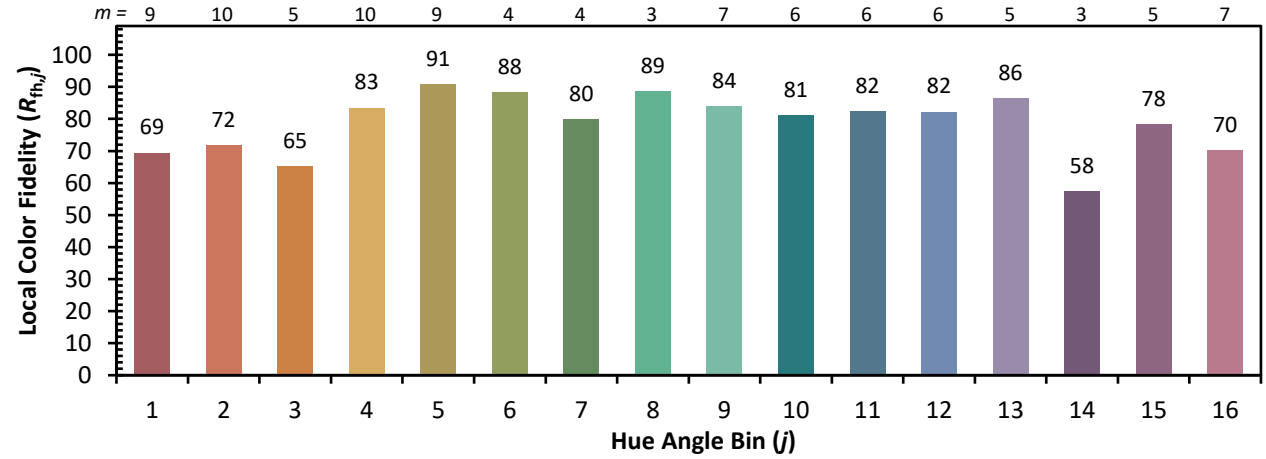
REPORT NUMBER: SP1-2501-332-2

TM-30-18

Color Rendition by Hue-Angle Bin



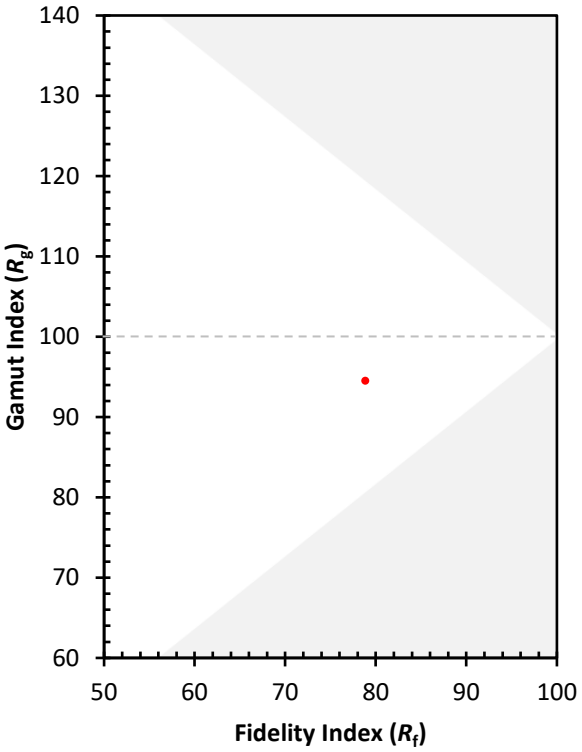


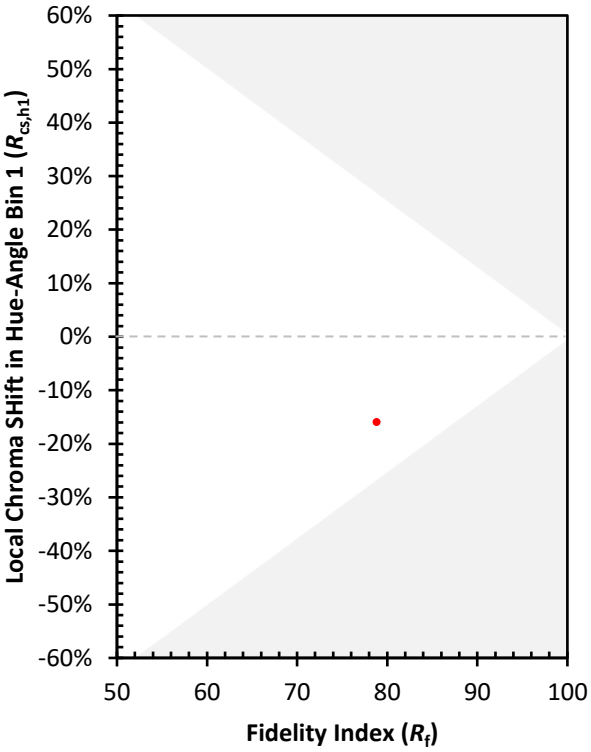


REPORT NUMBER: SP1-2501-332-2

TM-30-18

Measure Comparisons





(END OF REPORT)