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: P981269

Luminaire Tested: **FFX-CLB-30-750-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:	P981269
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-750-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5314.6 lumens
Efficiency:	N/A
Efficacy:	173.7 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):	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

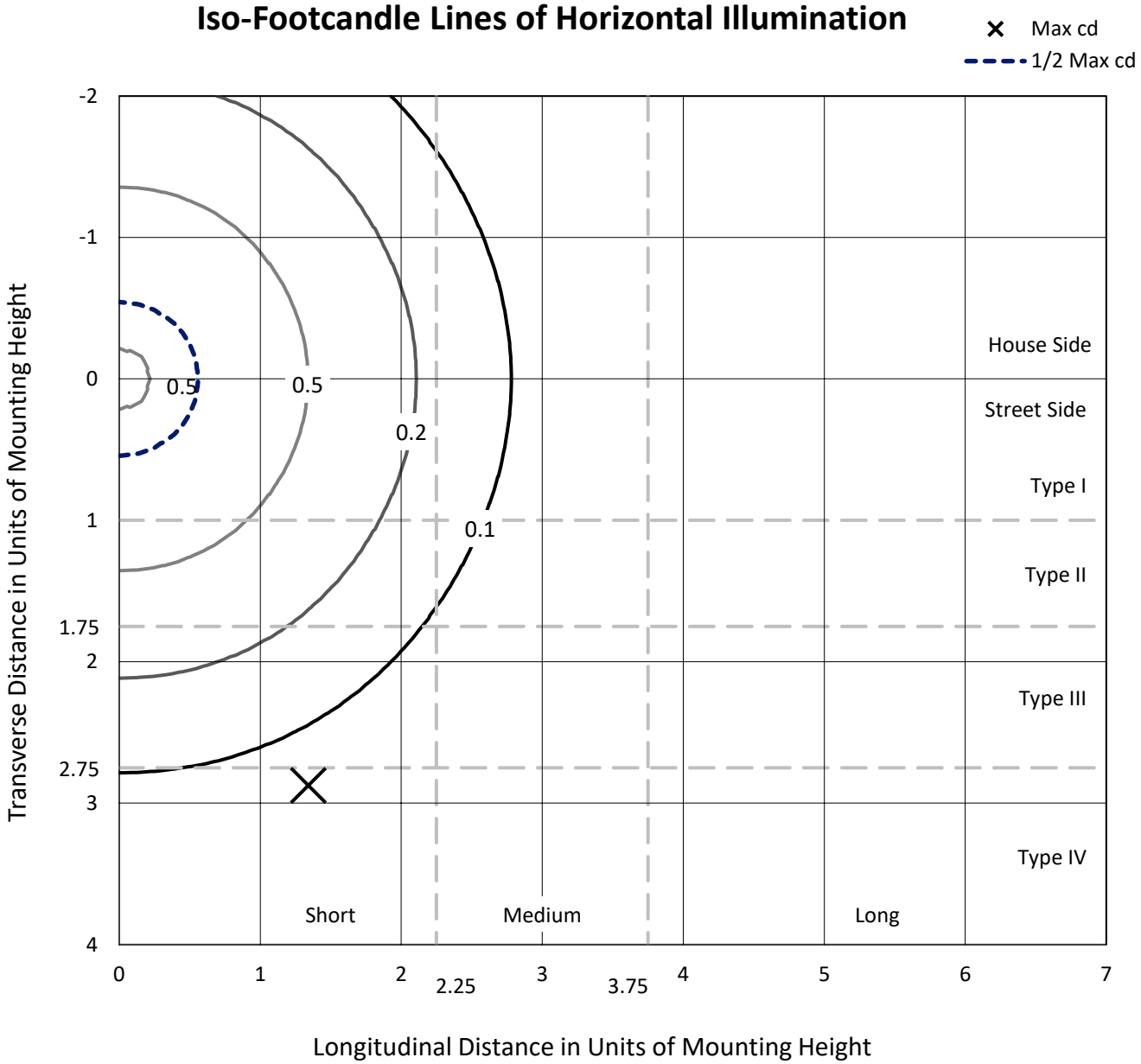


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REPORT NUMBER: P981269
CATALOG NUMBER: FFX-CLB-30-750-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



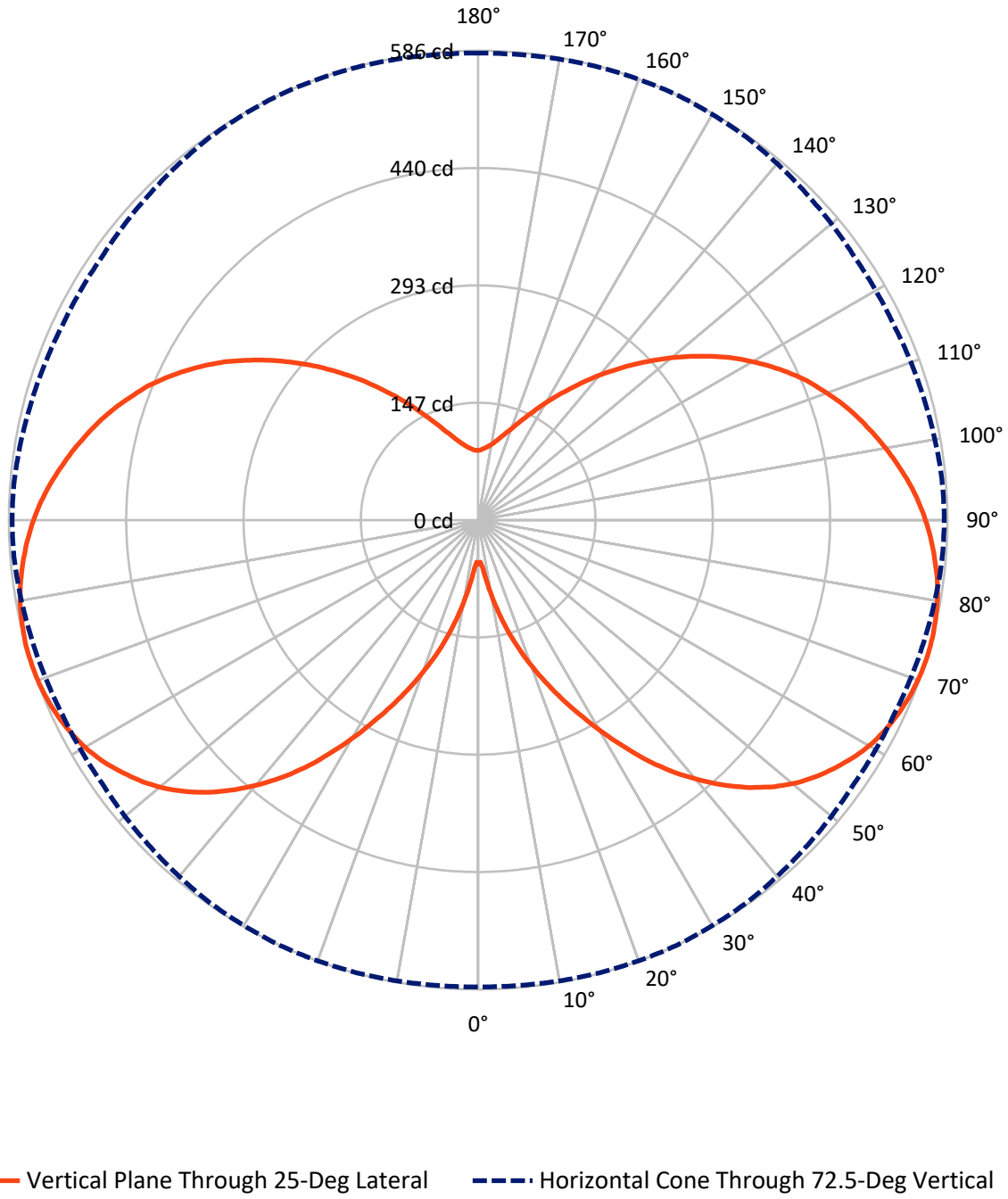
Based on 15 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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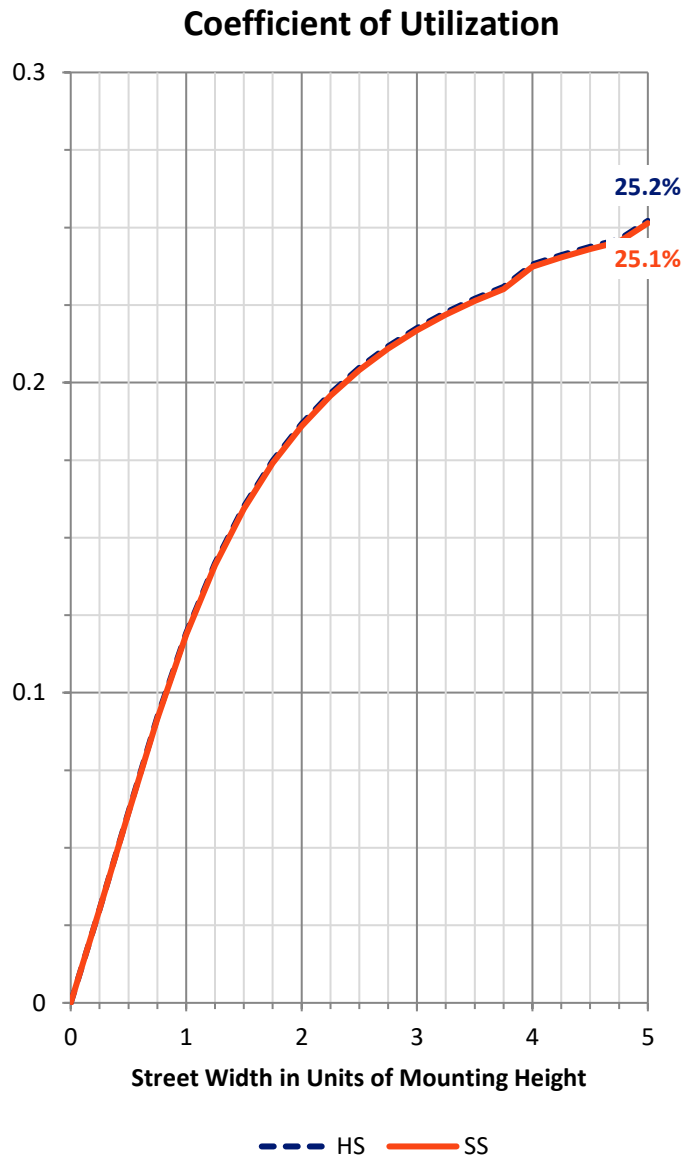
REPORT NUMBER: P981269
CATALOG NUMBER: FFX-CLB-30-750-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1520.3	1137.0	2657.3
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	1520.3	1137.0	2657.3
	% Fixture	28.6	21.4	50.0
Total	Lumens	3040.6	2274.0	5314.6
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.1	0.1
10°-20°	43.2	0.8
20°-30°	117.0	2.2
30°-40°	231.0	4.3
40°-50°	364.0	6.8
50°-60°	482.3	9.1
60°-70°	567.0	10.7
70°-80°	612.6	11.5
80°-90°	616.4	11.6
90°-100°	580.4	10.9
100°-110°	513.0	9.7
110°-120°	422.9	8.0
120°-130°	316.1	5.9
130°-140°	211.1	4.0
140°-150°	125.4	2.4
150°-160°	66.0	1.2
160°-170°	30.4	0.6
170°-180°	8.7	0.2
0°-90°	3040.6	57.2
0°-180°	5314.6	100.0



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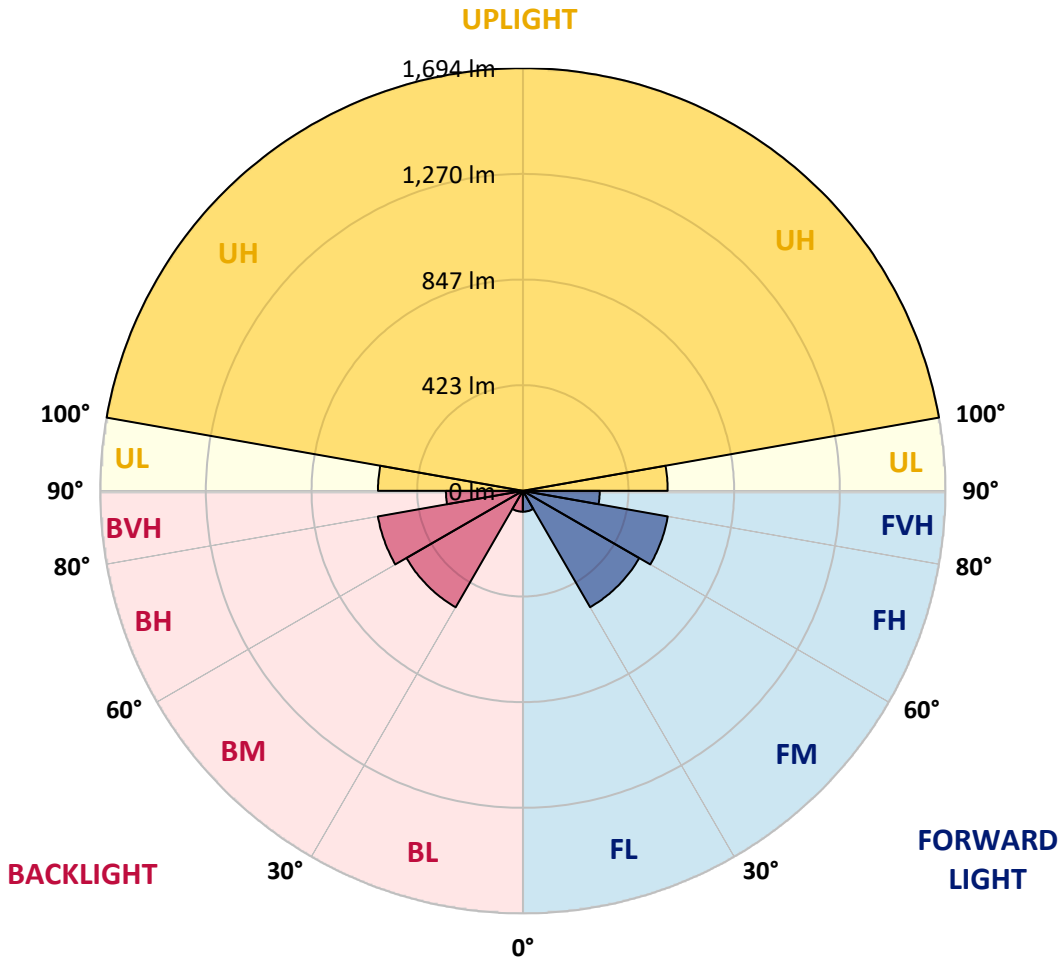
Scaled Data Report

REPORT NUMBER: P981269
CATALOG NUMBER: FFX-CLB-30-750-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	83.7	1.6			
FM	(30°-60°)	538.6	10.1			
FH	(60°-80°)	589.8	11.1			G0/660
FVH	(80°-90°)	308.2	5.8			G3/500
BL	(0°-30°)	83.7	1.6	B0/110		
BM	(30°-60°)	538.6	10.1	B1/1000		
BH	(60°-80°)	589.8	11.1	B2/1000		G0/660
BVH	(80°-90°)	308.2	5.8			G3/500
UL	(90°-100°)	580.4	10.9		U4/1000	
UH	(100°-180°)	1693.6	31.9		U5	

BUG Rating: B2-U5-G3
Type V Short



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Scaled Data Report

REPORT NUMBER: P981269
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
2.5°	51.9	51.9	52.2	52.6	52.9	53.2	53.5	53.9	54.2	53.9	53.9
5°	59.9	60.5	60.5	60.5	60.2	60.5	61.2	61.2	61.9	61.5	61.2
7.5°	76.8	78.5	78.5	78.2	77.8	78.2	77.8	77.8	77.8	77.5	78.2
10°	100.1	99.4	99.8	99.4	98.8	99.1	99.4	98.8	98.8	98.8	98.8
12.5°	122.7	122.4	123.4	123.1	123.4	122.4	123.1	122.4	122.4	121.4	121.7
15°	149.3	149.3	149.0	148.0	148.3	147.0	147.7	147.3	146.3	146.3	146.0
17.5°	174.0	173.6	174.0	172.6	172.6	172.3	171.6	171.3	171.3	170.3	170.0
20°	198.6	197.9	197.6	197.6	196.6	196.6	195.9	194.6	193.9	194.2	193.6
22.5°	225.2	223.8	223.8	223.8	221.8	221.2	220.9	219.5	219.5	218.5	218.5
25°	251.8	252.1	252.1	250.8	249.8	248.5	247.8	246.8	245.8	245.5	245.8
27.5°	281.1	281.7	280.7	278.4	278.1	276.7	275.1	273.7	274.1	272.4	273.7
30°	313.0	311.7	309.7	309.0	307.7	306.3	305.0	302.3	302.7	302.0	302.3
32.5°	342.3	342.3	341.6	339.6	338.6	335.6	334.3	330.9	331.3	330.9	329.6
35°	374.2	373.2	371.9	371.5	368.2	366.2	363.9	360.2	360.9	360.5	360.9
37.5°	401.1	401.5	402.1	400.5	397.5	394.8	392.1	389.5	388.8	389.1	388.5
40°	430.4	430.1	429.4	427.4	425.1	422.1	418.8	417.1	415.1	416.4	416.1
42.5°	454.3	455.3	455.0	453.0	450.0	447.0	444.4	441.7	440.7	440.4	440.4
45°	477.6	478.0	477.0	476.6	472.6	470.0	466.6	464.3	463.7	463.7	464.6
47.5°	499.2	498.9	498.2	497.6	494.6	490.6	486.6	484.9	484.6	485.3	485.6
50°	516.5	517.2	516.9	515.9	512.9	509.2	504.9	503.2	503.6	504.2	504.6
52.5°	532.2	532.2	532.5	531.2	528.5	524.5	520.5	519.2	519.2	520.2	519.5
55°	544.1	544.8	545.1	544.1	542.5	537.8	533.8	531.5	532.5	533.5	533.8
57.5°	555.5	556.1	556.1	556.1	553.5	549.1	545.1	543.1	544.5	546.1	546.5
60°	564.4	564.8	565.8	565.8	563.4	558.4	554.1	552.5	554.1	556.4	556.1
62.5°	571.1	571.1	572.4	572.7	570.4	565.4	561.1	559.8	561.8	564.4	565.4
65°	576.7	577.1	578.1	578.4	576.4	570.8	566.1	565.8	568.4	571.1	571.4
67.5°	579.7	580.1	581.7	582.4	580.1	574.4	570.1	569.1	572.7	576.1	576.4
70°	581.7	582.4	584.4	585.1	582.7	576.7	572.1	571.7	575.7	579.4	579.7
72.5°	583.1	583.4	585.4	586.1	583.7	578.1	573.4	573.4	577.1	581.4	582.1
75°	583.1	583.4	585.1	586.1	583.7	577.7	572.7	572.7	577.7	582.1	583.1
77.5°	580.4	581.4	583.4	584.4	582.1	576.1	571.4	571.4	576.4	581.1	582.1
80°	577.7	578.1	580.4	581.7	579.1	573.4	568.4	568.4	573.7	578.7	579.4
82.5°	573.4	573.7	576.1	577.4	575.1	569.1	564.1	564.4	569.4	574.4	575.1
85°	567.4	568.1	570.4	571.4	569.4	563.1	558.4	558.8	564.1	568.8	569.4
87.5°	561.1	561.1	563.8	564.8	562.8	556.4	551.8	551.8	557.1	562.1	562.4
90°	552.5	553.1	555.5	557.1	554.5	549.1	544.1	544.1	549.1	553.8	555.1
92.5°	544.5	544.8	547.1	548.1	545.8	540.2	535.8	535.8	540.8	545.5	546.1
95°	534.8	534.8	536.5	537.8	535.2	530.5	526.5	526.5	530.5	534.5	535.2
97.5°	524.5	524.5	526.5	526.2	524.2	519.2	515.9	515.5	519.5	522.9	523.9
100°	512.9	513.5	514.9	514.5	512.9	507.9	504.9	504.9	507.9	510.9	511.5
102.5°	501.6	501.6	502.2	501.9	499.6	495.2	493.6	493.3	495.9	497.9	498.2
105°	489.9	489.9	489.3	489.3	486.3	482.9	480.9	480.9	483.3	484.6	484.6
107.5°	476.6	476.0	476.6	475.6	472.6	469.3	468.3	468.0	469.0	470.3	469.6
110°	463.0	462.7	462.3	460.3	458.0	456.0	454.3	454.3	455.3	455.7	455.7

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REPORT NUMBER: P981269
CATALOG NUMBER: FFX-CLB-30-750-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	448.7	448.4	447.4	*445.7*	443.0	441.0	439.7	439.7	440.0	439.7	439.0
115°	433.1	432.4	431.4	*428.4*	425.7	424.4	423.7	424.4	424.1	423.1	423.1
117.5°	416.1	415.4	413.8	*410.4*	408.1	407.1	407.4	407.1	406.4	405.4	405.8
120°	397.1	397.1	394.5	*391.8*	389.8	389.8	389.5	389.5	388.5	387.2	386.5
122.5°	377.5	377.5	375.2	*372.9*	370.5	370.5	370.9	370.5	369.9	368.5	367.9
125°	358.5	356.9	354.9	*352.2*	350.6	350.2	351.2	351.6	350.2	348.6	348.9
127.5°	337.6	336.6	334.6	*331.6*	330.3	329.9	330.9	331.6	329.9	328.9	328.6
130°	315.6	315.0	313.3	*311.0*	309.7	310.0	311.0	312.0	310.3	309.3	308.7
132.5°	294.0	294.0	293.0	*290.7*	289.0	290.4	291.0	291.7	290.0	289.7	289.4
135°	274.4	274.1	272.1	*270.7*	269.4	269.7	271.1	270.7	270.4	269.7	269.1
137.5°	254.1	254.1	253.1	*250.8*	250.8	251.1	251.8	251.8	252.1	250.8	251.1
140°	235.2	234.8	234.2	*232.5*	231.5	232.2	232.8	233.2	233.2	231.8	232.2
142.5°	217.2	216.9	214.9	*213.9*	213.9	214.2	214.5	214.9	214.9	214.2	214.5
145°	197.9	198.6	197.6	*196.6*	196.6	196.6	197.6	197.9	198.2	197.6	197.6
147.5°	181.9	182.6	181.6	*180.9*	180.9	180.9	181.6	181.9	181.3	181.6	181.6
150°	167.0	167.0	166.3	*166.0*	165.6	166.0	166.6	167.0	167.0	166.3	166.3
152.5°	152.7	152.3	152.0	*152.0*	152.0	152.0	152.7	152.7	153.0	153.0	152.3
155°	140.4	140.0	140.0	*139.7*	140.0	140.0	140.0	140.4	140.4	140.7	141.0
157.5°	129.1	128.7	129.1	*129.1*	129.1	129.4	129.4	129.7	129.1	129.4	129.7
160°	119.7	120.1	119.7	*119.4*	119.4	119.7	119.7	120.1	120.1	119.7	120.1
162.5°	111.8	111.8	111.4	*111.8*	112.1	111.8	111.8	112.1	112.1	112.1	112.1
165°	105.4	105.1	105.1	*105.1*	105.1	105.1	105.4	105.4	105.4	105.4	105.8
167.5°	99.8	99.4	99.4	*99.4*	99.8	99.8	99.8	100.1	100.1	100.1	99.8
170°	95.5	95.1	95.1	*95.1*	95.5	95.5	95.5	95.5	95.5	95.5	95.5
172.5°	91.8	91.8	91.8	*91.8*	91.8	91.8	91.8	91.8	91.8	92.1	91.8
175°	89.5	89.5	89.5	*89.5*	89.1	89.1	89.5	89.5	89.5	89.5	89.5
177.5°	87.5	87.5	87.8	*87.5*	87.5	87.5	87.8	87.8	87.8	87.5	87.5
180°	86.8	86.8	86.8	*86.8*	86.8	86.8	86.8	86.8	86.8	86.8	86.8

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2501-332-5

Test Date: 03/25/2025

Luminaire Tested: FFX-CLB-100-750-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-750-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

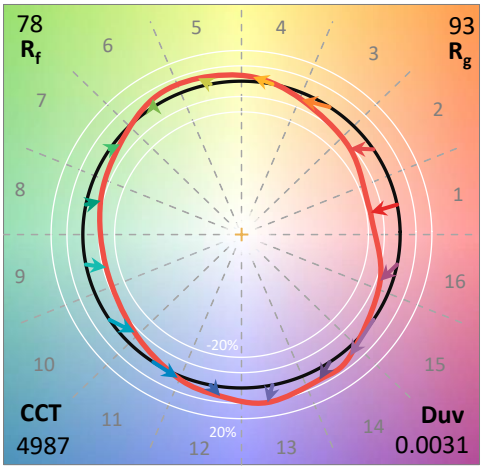
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-5
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-100-750-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	4987	CRI (Ra):	75.8		
CIE u':	0.2094	R1:	71.6	R9:	-30.4
CIE v':	0.4882	R2:	82.8	R10:	59.9
Duv:	0.0031	R3:	91.2	R11:	70.9
CIE x:	0.3461	R4:	73.8	R12:	51.2
CIE y:	0.3586	R5:	73.0	R13:	74.2
CIE z:	0.2954	R6:	76.1	R14:	95.3
Peak Wavelength (nm):	450	R7:	82.9	R15:	63.7
Dominant Wavelength (nm):	570	R8:	54.9		
Purity:	11.4				

Rf:	78.3
Rg:	93.4



Test Conditions

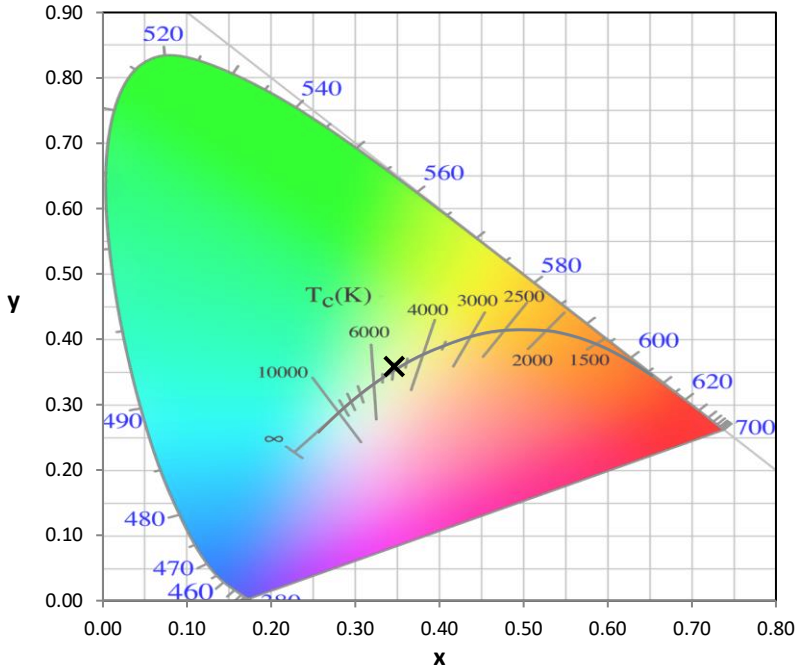
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

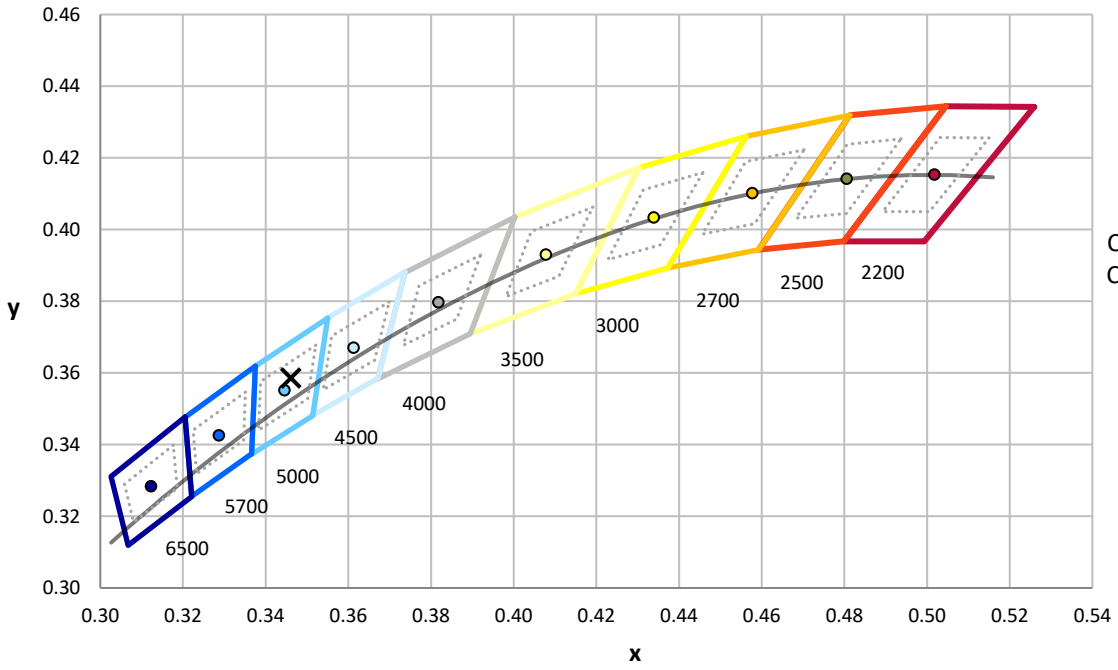
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-5

CIE 1931 Chromaticity Diagram



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

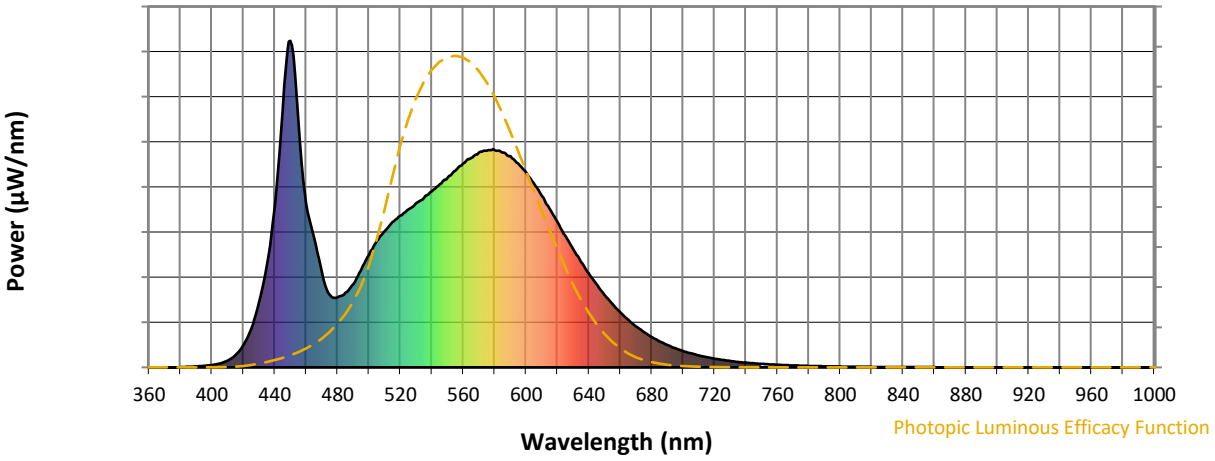


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

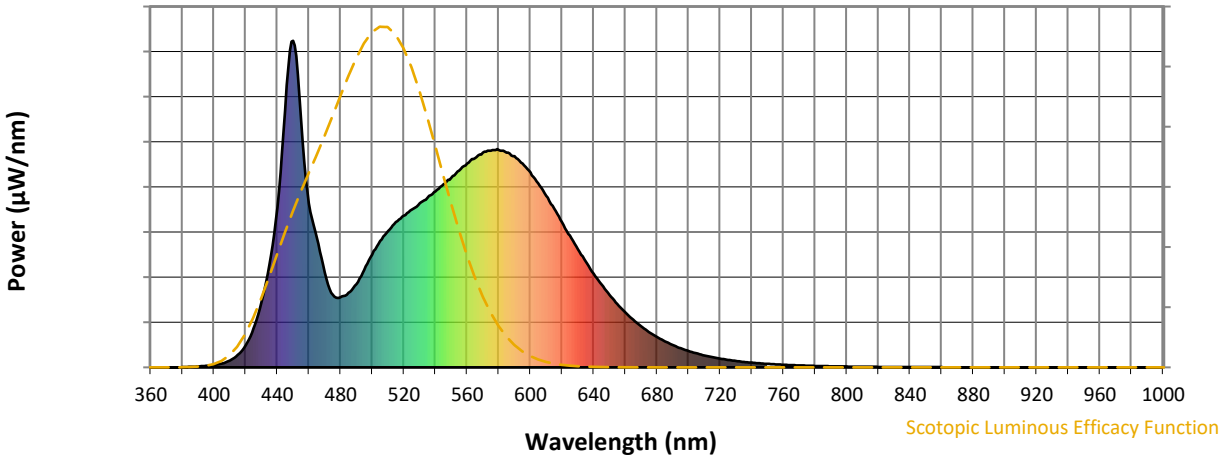


Photopic Lumens: NR

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

REPORT NUMBER: SP1-2501-332-5

Scotopic Flux vs. Wavelength

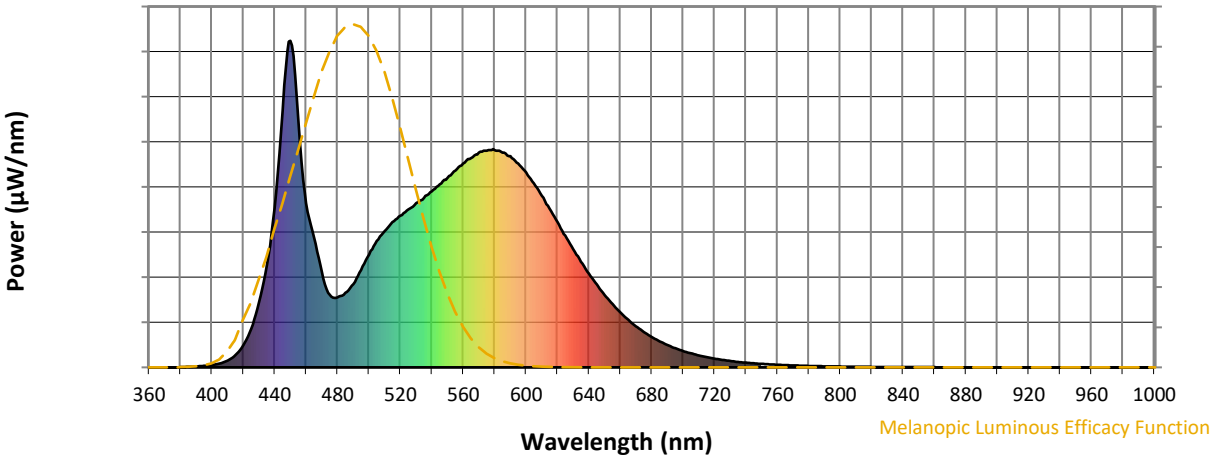


Scotopic Lumens: NR **S/P: 1.87**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

REPORT NUMBER: SP1-2501-332-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.92**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

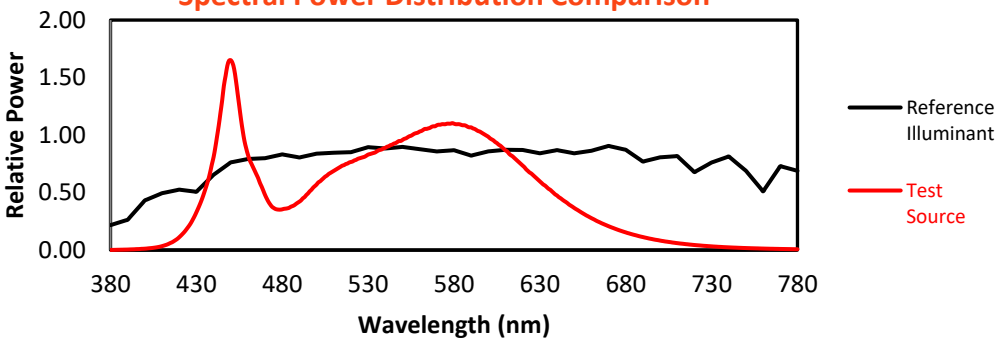
REPORT NUMBER: SP1-2501-332-5

TM-30-18

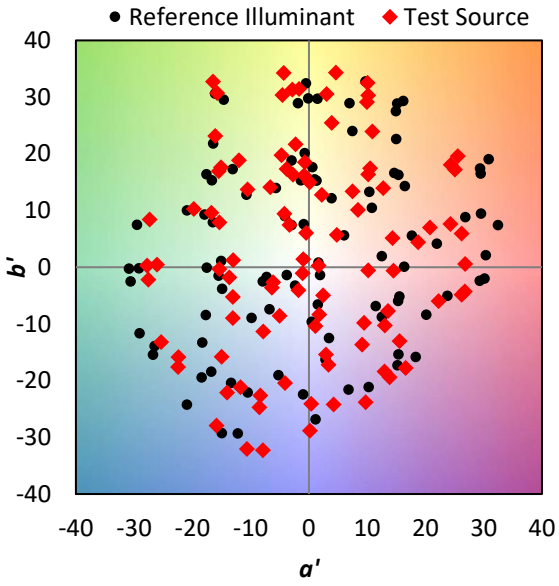
Summary

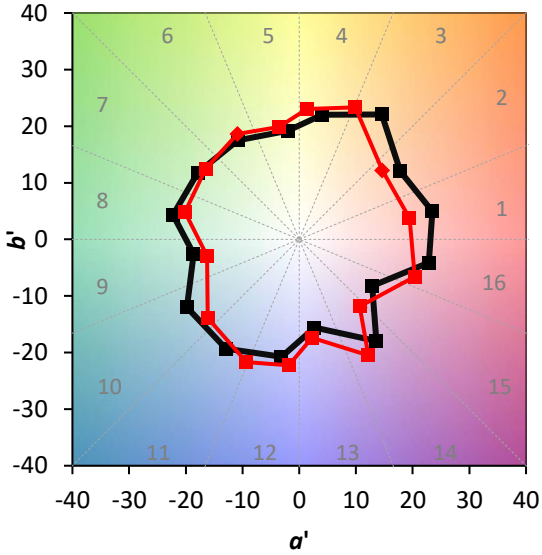
R_f = 78.3
R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

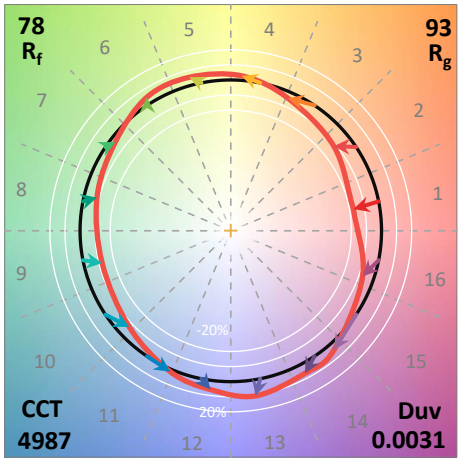
Spectral Power Distribution Comparison

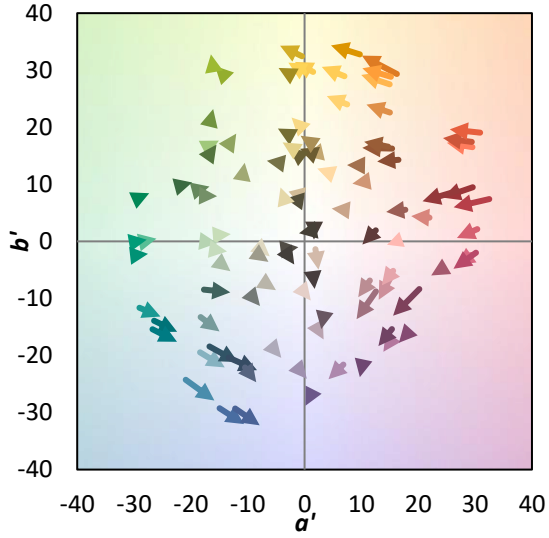


Color Vector Graphics







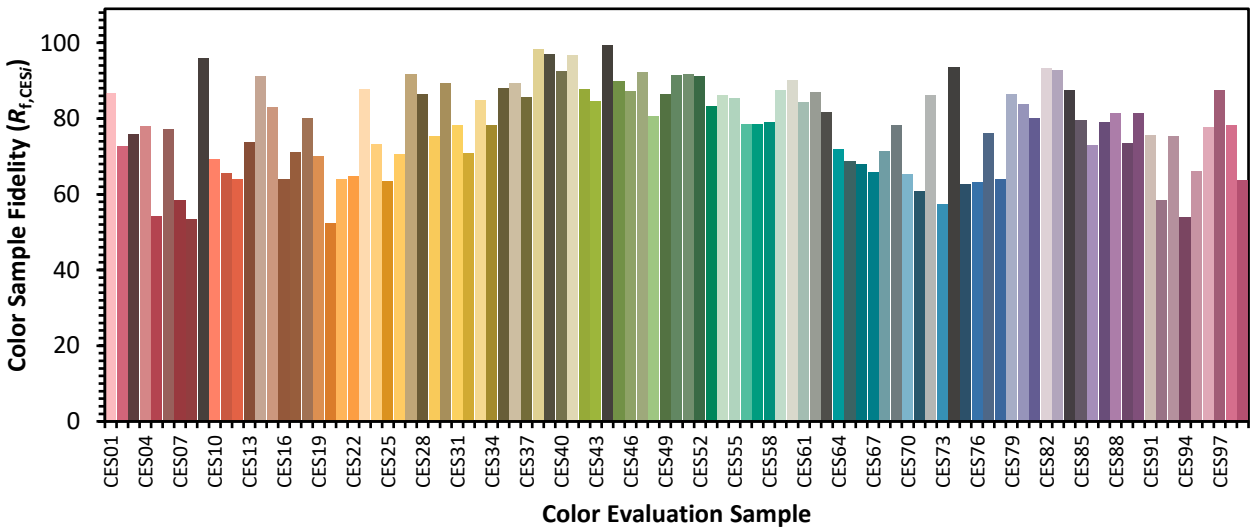


REPORT NUMBER: SP1-2501-332-5

TM-30-18

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

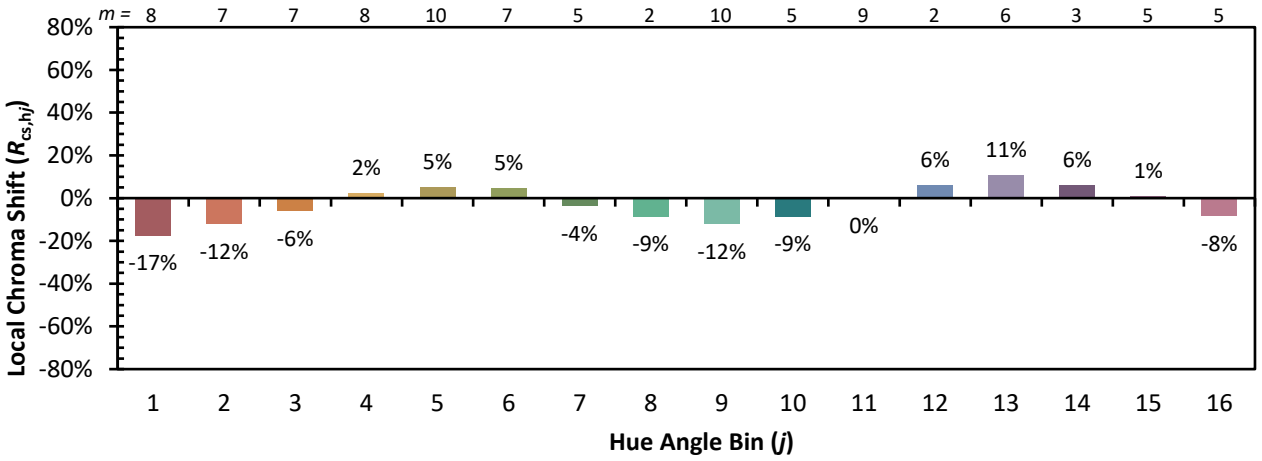
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82 = 93
CES08 = 38	CES33 = 85	CES58 = 79	CES83 = 93
CES09 = 29	CES34 = 78	CES59 = 88	CES84 = 87
CES10 = 73	CES35 = 88	CES60 = 90	CES85 = 80
CES11 = 56	CES36 = 89	CES61 = 84	CES86 = 73
CES12 = 61	CES37 = 86	CES62 = 87	CES87 = 79
CES13 = 41	CES38 = 98	CES63 = 82	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 74
CES15 = 70	CES40 = 93	CES65 = 69	CES90 = 81
CES16 = 46	CES41 = 97	CES66 = 68	CES91 = 76
CES17 = 49	CES42 = 88	CES67 = 66	CES92 = 58
CES18 = 55	CES43 = 85	CES68 = 71	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 78	CES94 = 54
CES20 = 64	CES45 = 90	CES70 = 65	CES95 = 66
CES21 = 85	CES46 = 87	CES71 = 61	CES96 = 78
CES22 = 77	CES47 = 92	CES72 = 86	CES97 = 88
CES23 = 91	CES48 = 81	CES73 = 57	CES98 = 78
CES24 = 90	CES49 = 86	CES74 = 93	CES99 = 64
CES25 = 71	CES50 = 91	CES75 = 63	

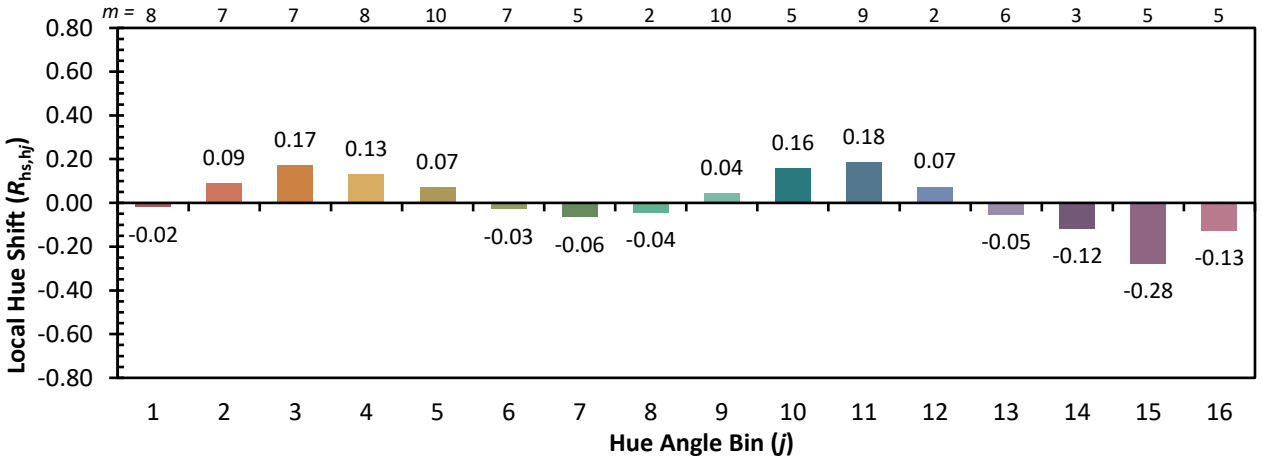


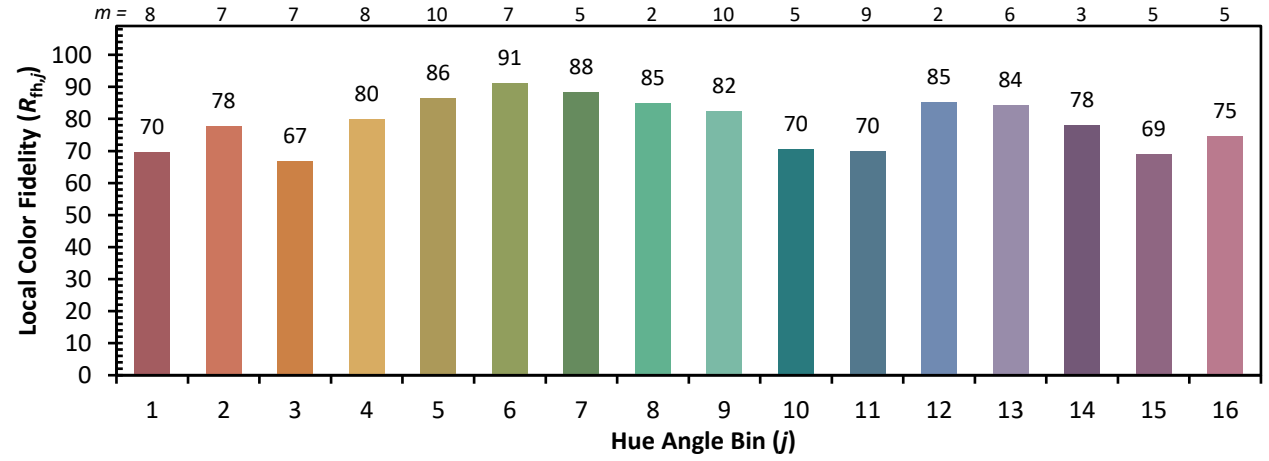
REPORT NUMBER: SP1-2501-332-5

TM-30-18

Color Rendition by Hue-Angle Bin



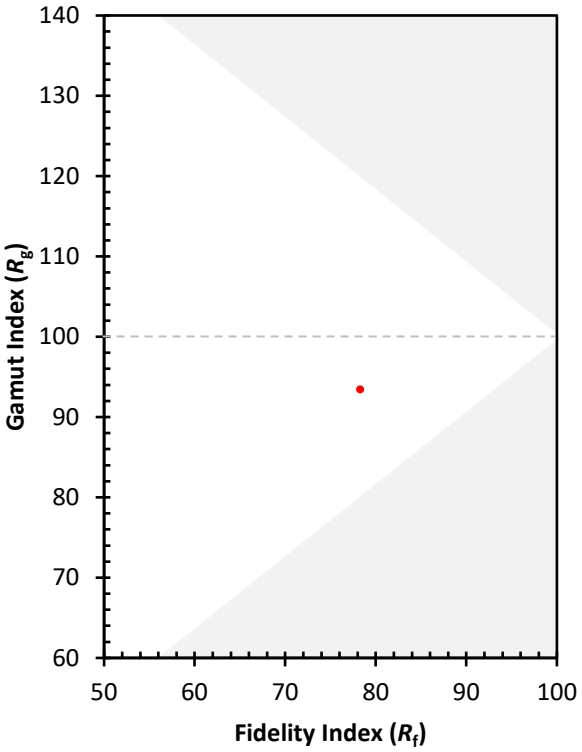


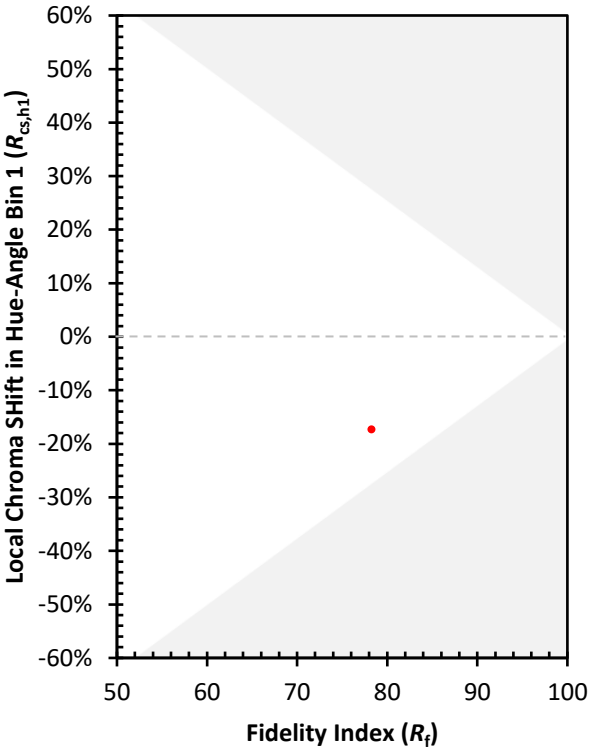


REPORT NUMBER: SP1-2501-332-5

TM-30-18

Measure Comparisons





(END OF REPORT)