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: P981092

Luminaire Tested: **FFX-CLB-90-722-U-FR-T5-UPLR**

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:	P981092
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-722-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11470 lumens
Efficiency:	N/A
Efficacy:	126.6 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

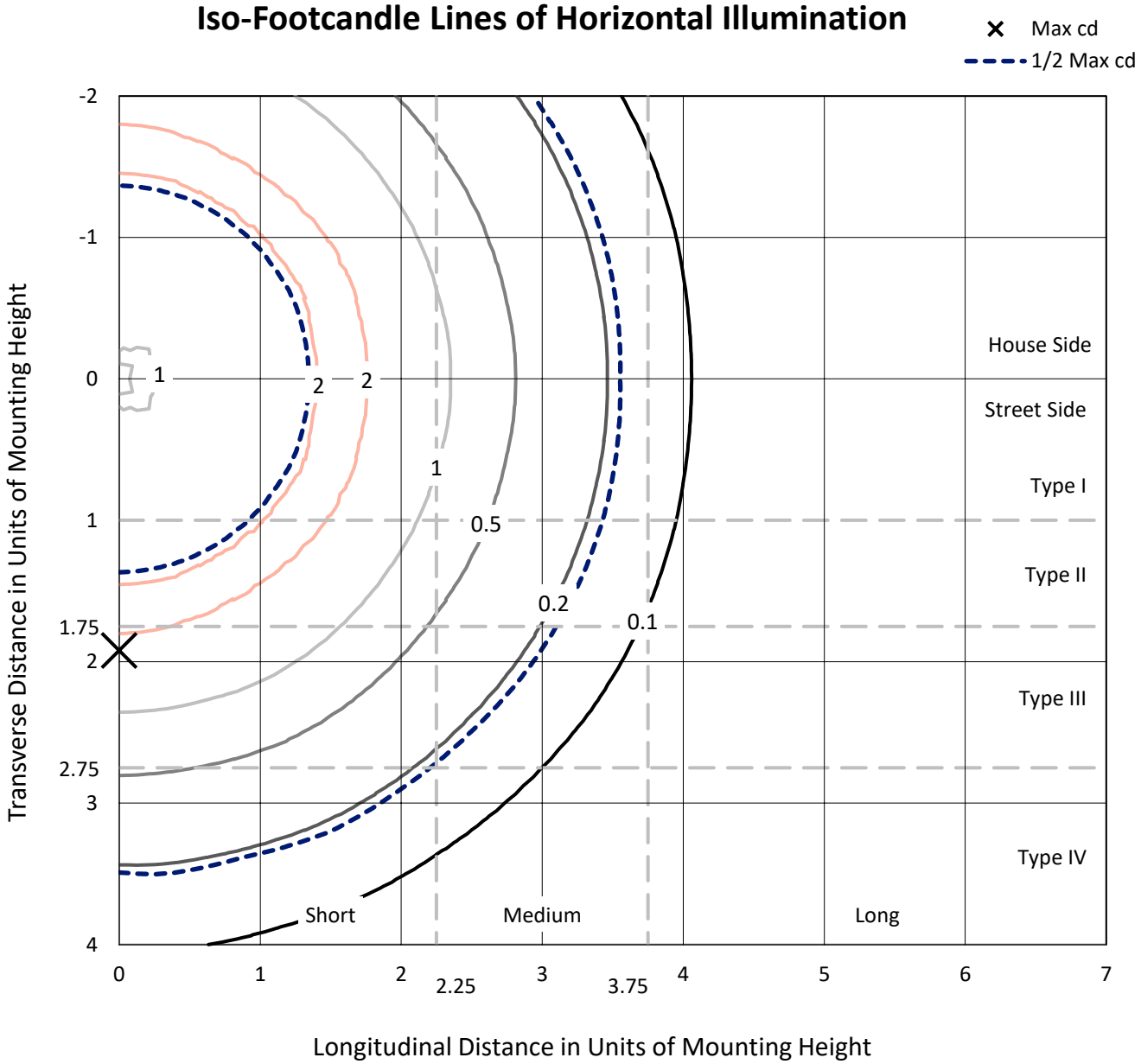
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981092
CATALOG NUMBER: FFX-CLB-90-722-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



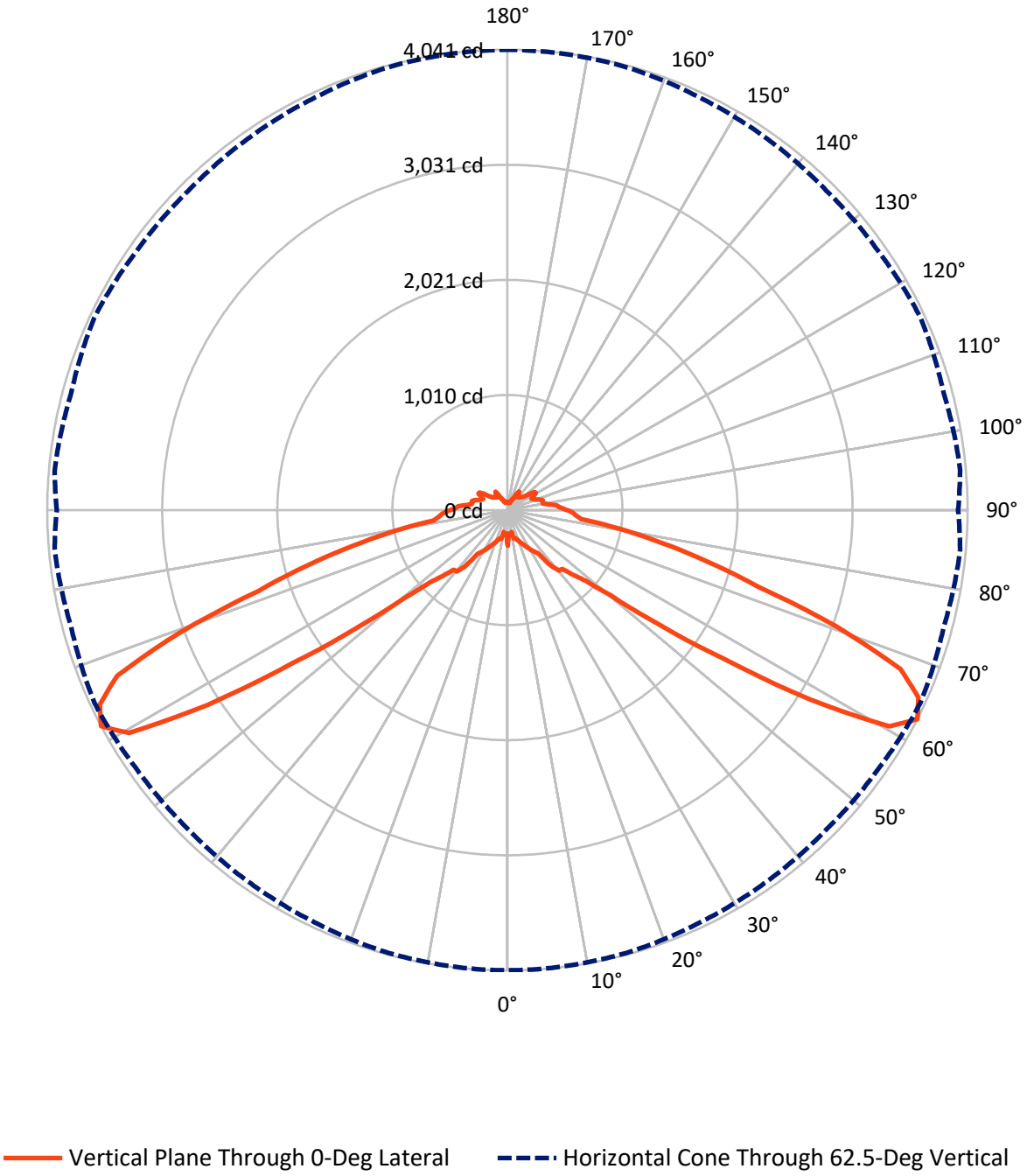
Based on 15 foot mounting height. Maximum calculated value = 2.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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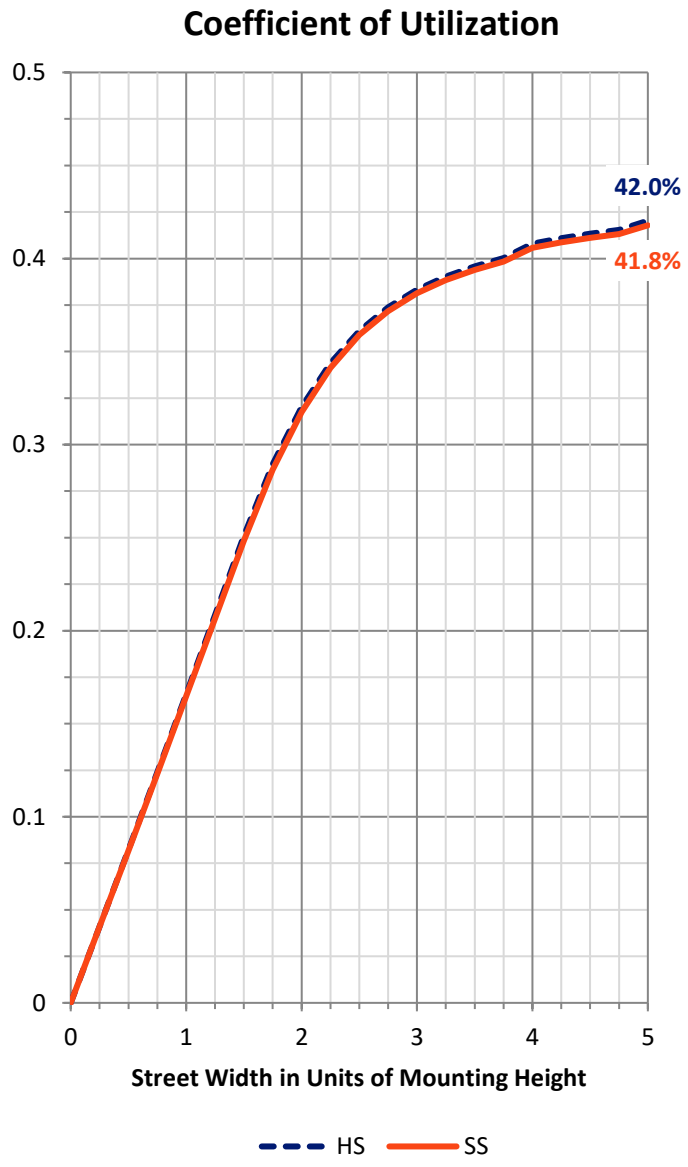
REPORT NUMBER: P981092
CATALOG NUMBER: FFX-CLB-90-722-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4992.3	742.7	5735.0
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	4992.3	742.7	5735.0
	% Fixture	43.5	6.5	50.0
Total	Lumens	9984.5	1485.5	11470.0
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.6	0.2
10°-20°	72.7	0.6
20°-30°	159.5	1.4
30°-40°	327.6	2.9
40°-50°	676.4	5.9
50°-60°	2209.3	19.3
60°-70°	3725.0	32.5
70°-80°	2027.6	17.7
80°-90°	766.8	6.7
90°-100°	466.1	4.1
100°-110°	294.0	2.6
110°-120°	223.6	1.9
120°-130°	191.2	1.7
130°-140°	128.5	1.1
140°-150°	105.8	0.9
150°-160°	50.0	0.4
160°-170°	19.8	0.2
170°-180°	6.5	0.1
0°-90°	9984.5	87.0
0°-180°	11470.0	100.0



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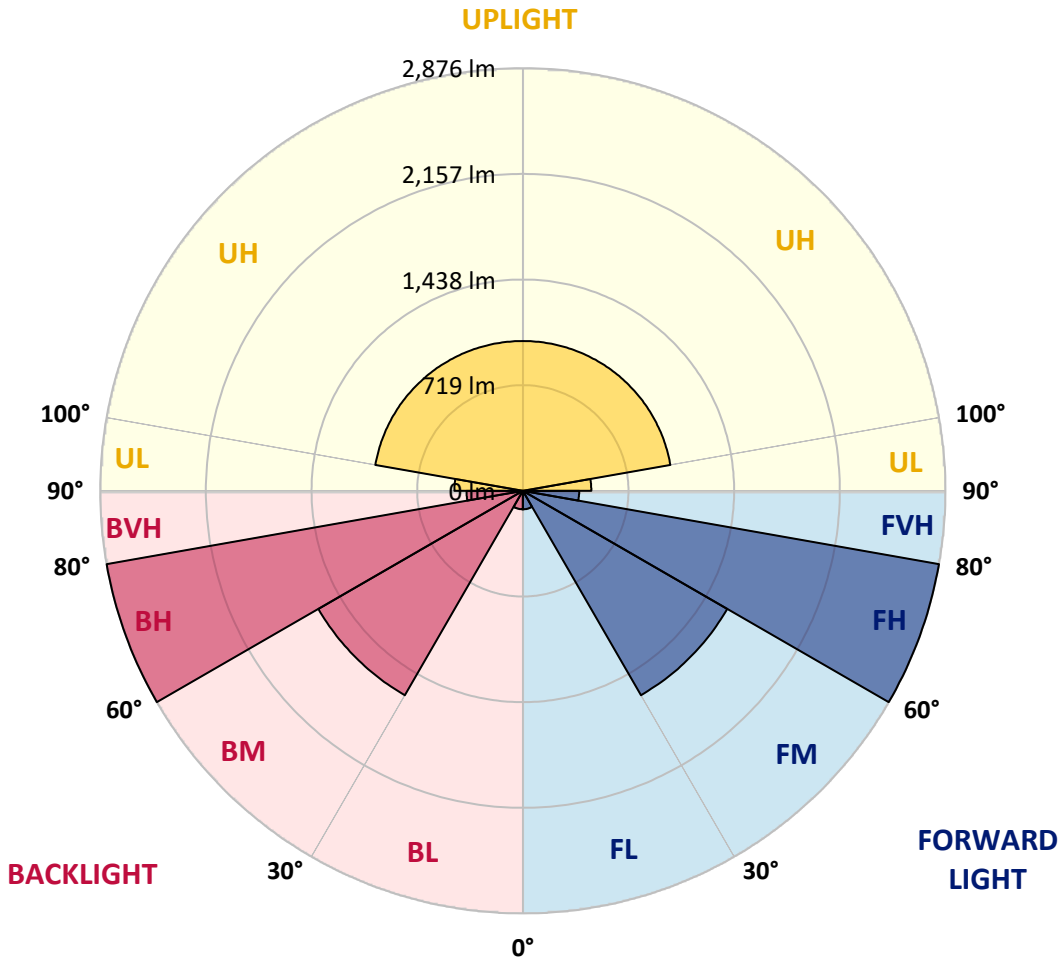
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REPORT NUMBER: P981092
CATALOG NUMBER: FFX-CLB-90-722-U-FR-T5-UPLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	125.9	1.1			
FM	(30°-60°)	1606.7	14.0			
FH	(60°-80°)	2876.3	25.1			G2/5000
FVH	(80°-90°)	383.4	3.3			G3/500
BL	(0°-30°)	125.9	1.1	B1/500		
BM	(30°-60°)	1606.7	14.0	B2/2500		
BH	(60°-80°)	2876.3	25.1	B4/5000		G2/5000
BVH	(80°-90°)	383.4	3.3			G3/500
UL	(90°-100°)	466.1	4.1		U3/500	
UH	(100°-180°)	1019.4	8.9		U5	

BUG Rating: B4-U5-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	312.3	312.3	312.3	312.3	312.3	312.3	312.3	312.3	312.3	312.3	312.3
2.5°	208.0	216.3	262.4	300.2	299.5	273.0	239.0	242.0	262.4	280.6	285.1
5°	209.5	206.5	204.2	195.1	192.1	196.6	193.6	184.5	180.7	181.5	195.9
7.5°	217.8	214.0	192.1	175.4	173.2	183.0	204.2	204.2	181.5	164.1	163.3
10°	195.9	195.1	202.7	210.2	212.5	203.4	194.4	189.8	188.3	186.8	185.3
12.5°	258.6	255.6	239.7	229.9	228.4	232.9	239.7	237.5	226.1	220.1	220.1
15°	257.1	258.6	260.9	257.1	256.4	257.1	260.9	258.6	254.9	250.3	250.3
17.5°	271.5	272.2	273.0	274.5	273.0	270.7	270.7	270.0	270.7	272.2	272.2
20°	293.4	294.2	294.2	294.2	293.4	288.9	288.9	289.6	288.9	290.4	289.6
22.5°	317.6	316.9	316.9	316.9	314.6	310.8	310.1	310.8	308.5	308.5	308.5
25°	341.1	342.6	344.8	344.1	340.3	337.3	335.0	335.8	334.3	334.3	334.3
27.5°	370.6	369.0	373.6	372.1	368.3	368.3	366.0	366.0	363.8	363.0	362.2
30°	403.8	403.1	403.1	403.8	402.3	400.8	400.8	399.3	395.5	396.3	397.8
32.5°	436.4	435.6	434.1	434.8	434.1	431.8	435.6	435.6	434.1	434.8	439.4
35°	468.1	472.7	483.2	490.8	493.1	492.3	495.3	500.6	496.9	494.6	496.9
37.5°	619.4	616.3	605.0	598.2	599.7	603.5	595.2	589.1	585.3	584.6	588.4
40°	698.8	695.7	679.1	680.6	669.3	673.1	676.8	682.1	678.4	670.0	670.0
42.5°	705.6	706.3	729.8	765.3	754.7	732.0	710.9	721.5	737.3	747.2	751.0
45°	809.9	819.8	819.8	822.0	822.8	823.5	808.4	815.2	828.1	844.0	843.2
47.5°	930.2	936.2	940.0	944.5	942.3	944.5	964.2	958.9	973.3	971.8	970.3
50°	1182.0	1207.7	1212.3	1229.7	1219.1	1221.3	1257.6	1260.7	1260.7	1258.4	1261.4
52.5°	1677.3	1700.0	1696.3	1657.7	1676.6	1710.6	1749.9	1722.0	1762.0	1742.4	1733.3
55°	2306.5	2307.3	2332.3	2385.9	2410.9	2384.4	2405.6	2353.4	2441.2	2451.7	2425.3
57.5°	3141.4	3157.3	3162.6	3176.2	3156.6	3153.5	3168.7	3136.1	3177.0	3136.9	3152.8
60°	3855.3	3834.9	3776.7	3694.3	3703.3	3735.8	3794.8	3774.4	3745.7	3689.7	3676.9
62.5°	4041.4	4038.3	4026.2	3996.0	3977.8	3963.5	3971.0	4002.0	3965.7	3990.7	3957.4
65°	3965.0	3962.7	3974.1	4000.5	3980.9	3932.5	3890.1	3940.8	3918.1	4001.3	3977.1
67.5°	3720.7	3710.9	3699.5	3748.7	3717.7	3648.1	3617.1	3621.7	3608.0	3691.2	3667.0
70°	3068.8	3053.0	3074.1	3152.0	3107.4	3045.4	3009.9	3025.0	3028.8	3081.7	3090.0
72.5°	2299.7	2319.4	2340.6	2392.8	2382.2	2348.1	2367.8	2390.5	2412.4	2432.1	2423.8
75°	1820.3	1843.7	1801.4	1827.1	1818.0	1844.5	1862.6	1873.2	1870.9	1850.5	1841.5
77.5°	1383.9	1402.8	1393.0	1385.4	1392.2	1418.7	1476.2	1469.4	1436.9	1402.1	1408.9
80°	995.2	1028.5	1032.3	1029.2	1043.6	1047.4	1095.8	1082.9	1056.5	1055.7	1063.3
82.5°	651.9	667.0	714.7	757.0	768.3	749.4	781.2	793.3	800.1	800.9	798.6
85°	603.5	620.1	608.8	631.5	636.8	642.1	647.3	651.9	659.4	666.3	669.3
87.5°	570.2	597.4	595.9	611.0	609.5	620.1	630.0	633.0	623.9	614.1	611.0
90°	509.7	531.6	540.0	549.0	553.6	552.1	560.4	560.4	554.3	549.8	548.3
92.5°	457.5	469.6	477.2	488.5	491.6	490.0	498.4	494.6	495.3	496.9	498.4
95°	432.6	437.9	435.6	440.1	434.1	428.8	431.8	427.3	425.0	421.2	421.2
97.5°	361.5	360.7	360.7	362.2	359.2	354.7	356.9	356.2	356.9	356.9	353.9
100°	316.9	316.1	311.6	310.8	310.1	308.5	306.3	307.0	307.0	306.3	307.0
102.5°	316.1	309.3	299.5	288.9	288.9	286.6	287.4	286.6	285.9	281.3	279.1
105°	322.2	311.6	294.9	273.8	270.7	271.5	273.8	273.0	270.0	265.4	262.4
107.5°	298.0	285.9	276.0	262.4	258.6	257.9	259.4	260.1	257.1	251.1	246.5
110°	263.9	259.4	254.9	249.6	245.8	245.0	245.0	245.0	242.0	239.7	234.4

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CATALOG NUMBER: FFX-CLB-90-722-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*248.8*	243.5	238.2	233.7	231.4	230.7	229.1	227.6	225.4	223.1	220.1
115°	*234.4*	234.4	230.7	214.0	210.2	209.5	208.7	208.7	208.7	208.7	208.0
117.5°	*254.1*	251.8	237.5	216.3	209.5	205.7	202.7	204.2	203.4	208.7	207.2
120°	*291.2*	274.5	243.5	228.4	222.3	219.3	220.1	220.8	220.1	218.6	215.5
122.5°	*288.1*	270.0	251.1	239.7	232.9	232.2	235.2	234.4	227.6	217.0	208.7
125°	*253.3*	243.5	232.2	221.6	217.8	216.3	217.8	215.5	211.0	205.7	197.4
127.5°	*196.6*	195.1	189.1	184.5	185.3	187.5	191.3	191.3	189.1	186.0	181.5
130°	*176.2*	174.7	175.4	177.0	176.2	176.2	172.4	169.4	174.7	179.2	177.0
132.5°	*162.6*	163.3	170.9	182.3	180.0	173.9	164.9	163.3	171.7	180.7	180.0
135°	*156.5*	157.3	163.3	174.7	171.7	164.1	160.3	161.1	165.6	170.2	169.4
137.5°	*156.5*	156.5	155.0	158.8	158.8	158.8	158.1	160.3	163.3	163.3	161.1
140°	*154.3*	155.8	151.2	152.0	154.3	156.5	157.3	160.3	161.1	160.3	157.3
142.5°	*141.4*	142.9	147.5	153.5	155.0	156.5	161.1	160.3	160.3	160.3	158.8
145°	*173.9*	173.9	177.7	183.0	180.7	177.7	179.2	180.0	181.5	183.0	181.5
147.5°	*192.1*	192.1	187.5	186.0	182.3	182.3	186.8	186.0	185.3	183.8	184.5
150°	*158.8*	158.1	154.3	152.8	152.8	151.2	153.5	153.5	151.2	149.7	150.5
152.5°	*113.4*	114.2	112.7	114.2	116.5	118.7	121.0	122.5	122.5	122.5	121.0
155°	*102.8*	101.3	100.6	102.1	102.8	102.1	100.6	100.6	100.6	99.1	98.3
157.5°	*89.2*	88.5	87.7	88.5	88.5	89.2	90.0	90.7	90.7	89.2	88.5
160°	*77.1*	77.1	77.1	77.9	77.9	77.1	76.4	77.1	78.6	78.6	78.6
162.5°	*69.6*	70.3	71.1	72.6	72.6	71.1	69.6	69.6	71.1	72.6	72.6
165°	*64.3*	64.3	65.8	68.8	69.6	67.3	65.0	65.0	67.3	70.3	71.1
167.5°	*64.3*	65.0	67.3	69.6	68.8	66.5	64.3	64.3	66.5	68.8	68.8
170°	*68.8*	68.8	68.1	67.3	66.5	66.5	66.5	67.3	68.1	67.3	67.3
172.5°	*72.6*	71.8	69.6	67.3	66.5	68.8	70.3	69.6	68.8	67.3	67.3
175°	*74.1*	73.4	71.8	70.3	70.3	71.8	72.6	71.1	69.6	68.8	68.1
177.5°	*66.5*	66.5	65.8	65.8	66.5	65.8	65.8	65.8	65.0	64.3	63.5
180°	*57.5*	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5

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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: SP1-2501-332-2

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

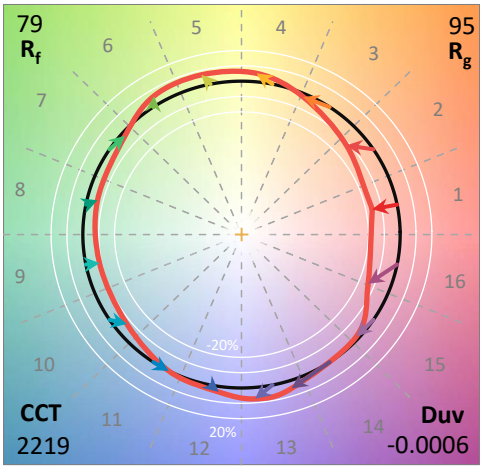
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Version: v7.04

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

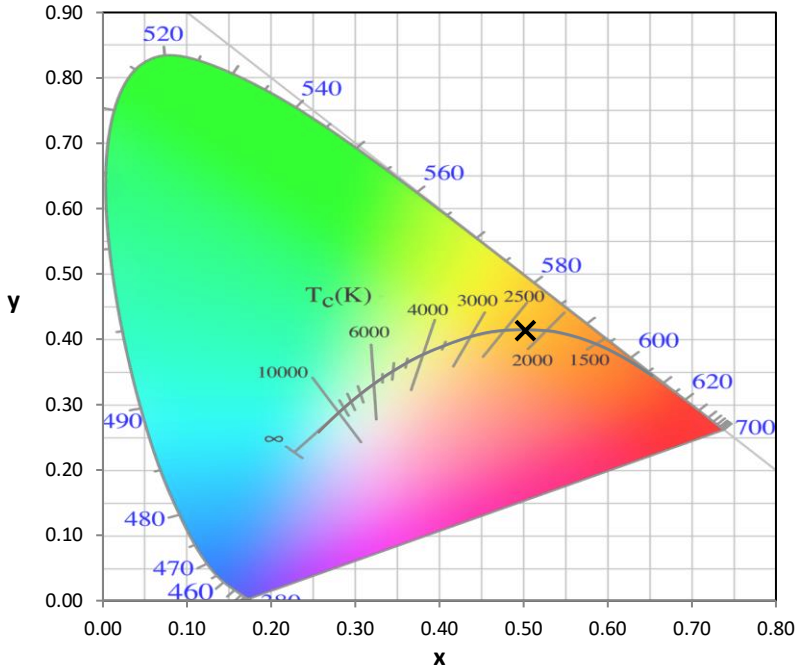
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

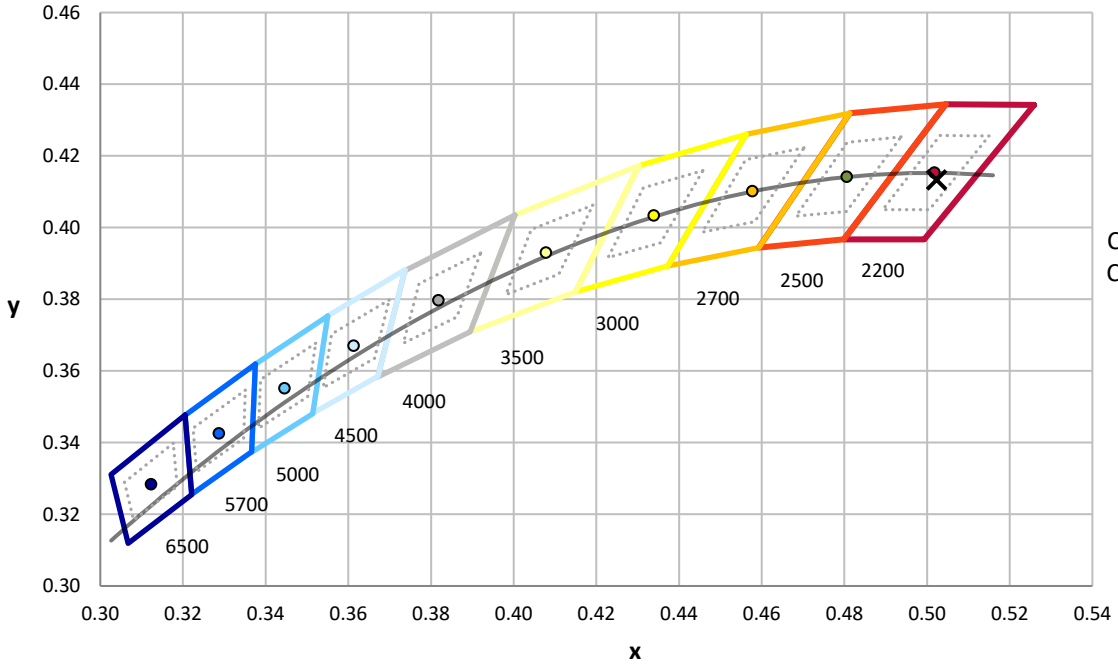
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

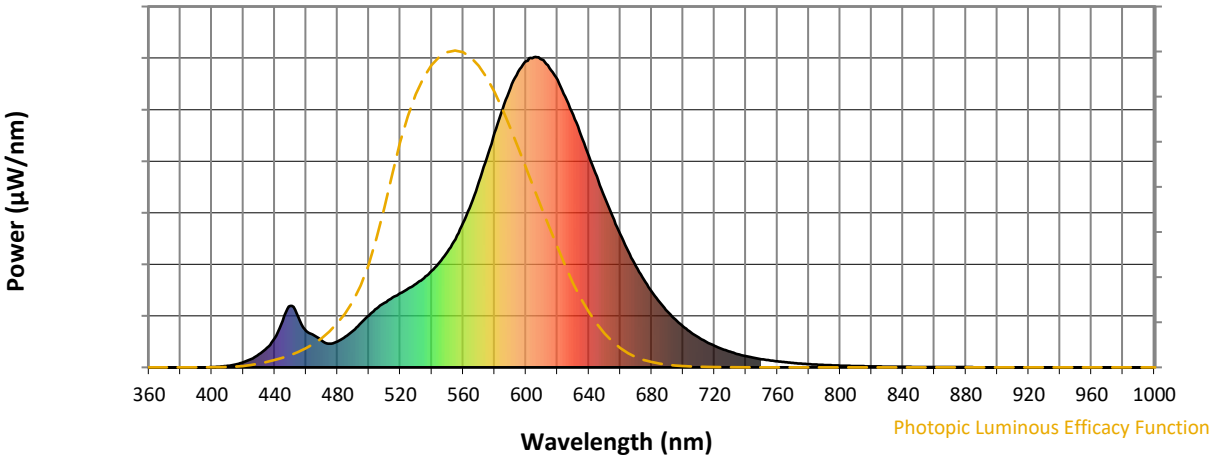


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

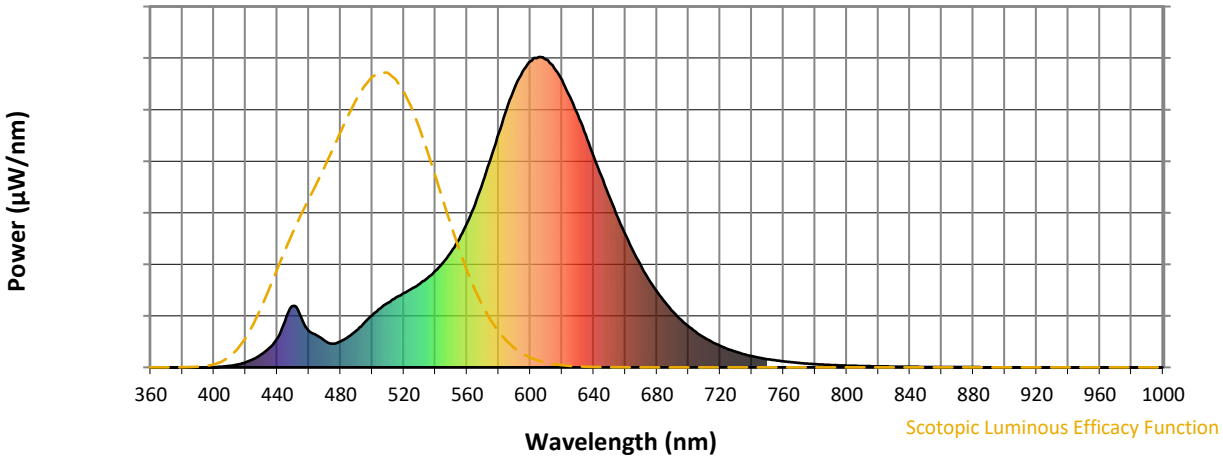


Photopic Lumens: NR

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

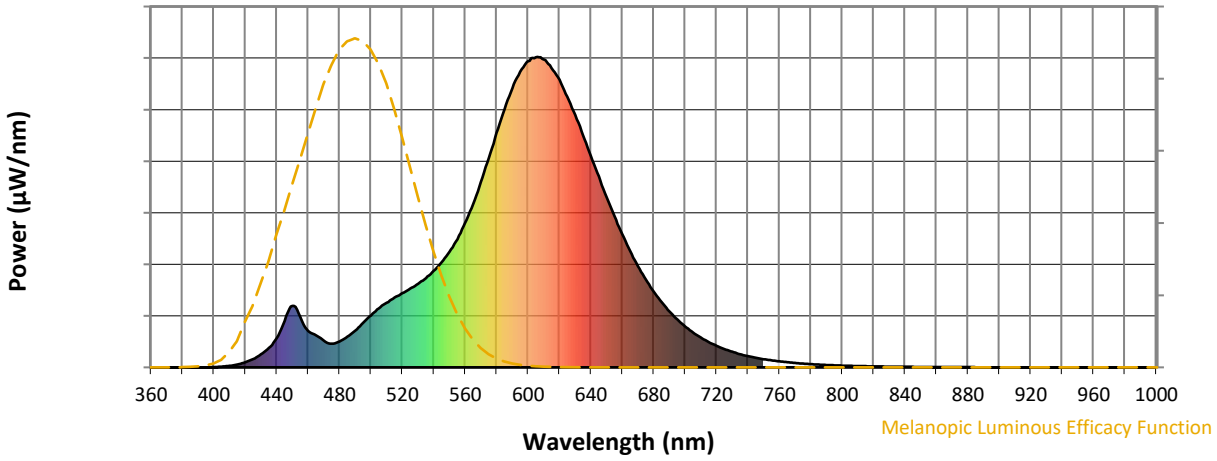


Scotopic Lumens: NR **S/P: 0.94**

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			

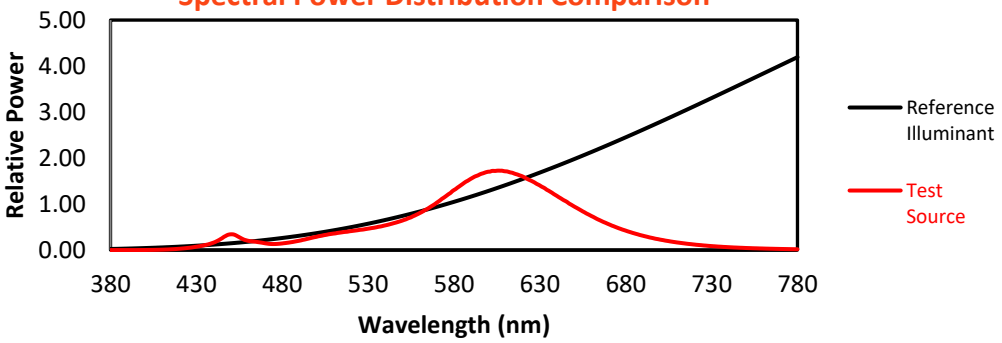
REPORT NUMBER: SP1-2501-332-2

TM-30-18

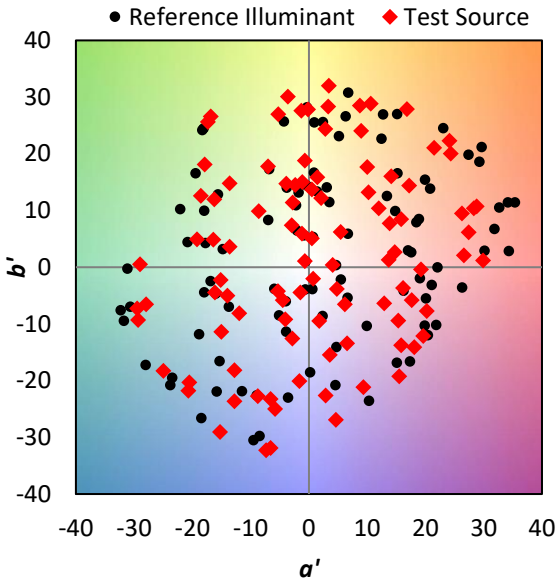
Summary

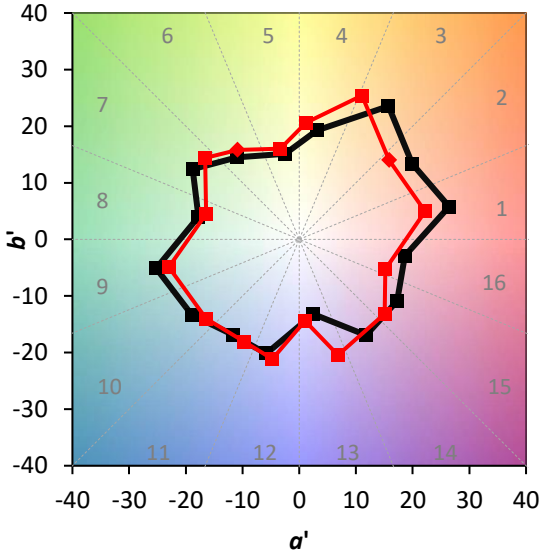
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

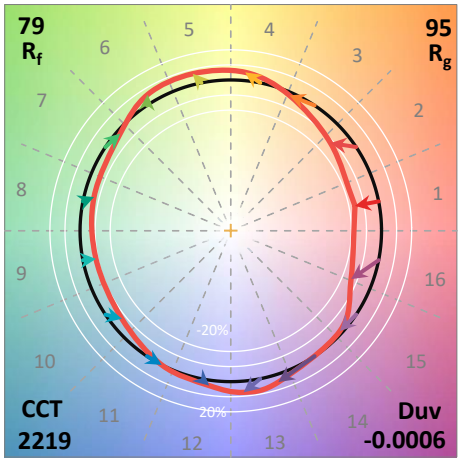
Spectral Power Distribution Comparison

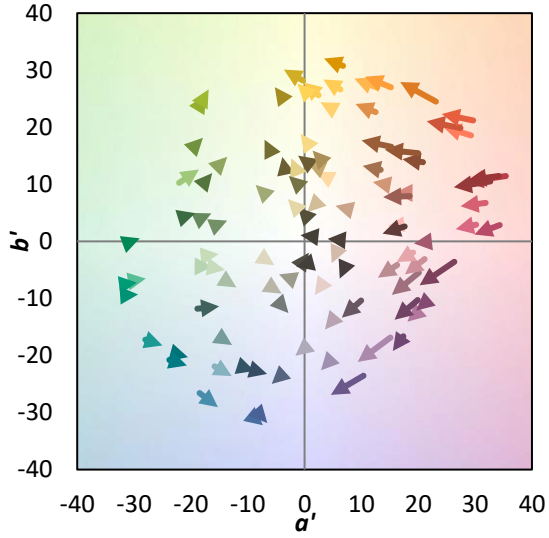


Color Vector Graphics







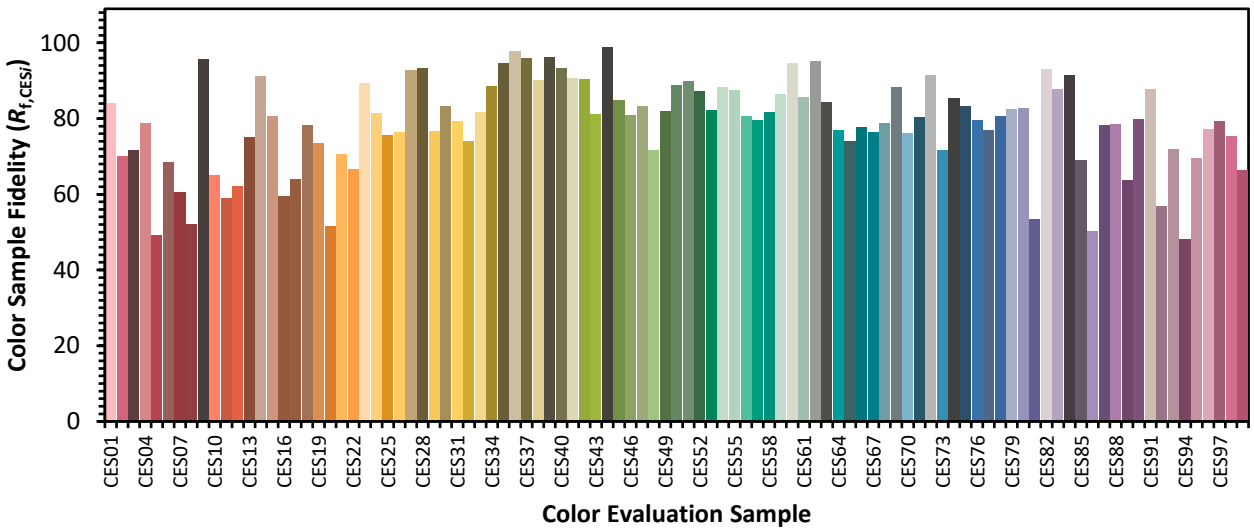


REPORT NUMBER: SP1-2501-332-2

TM-30-18

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

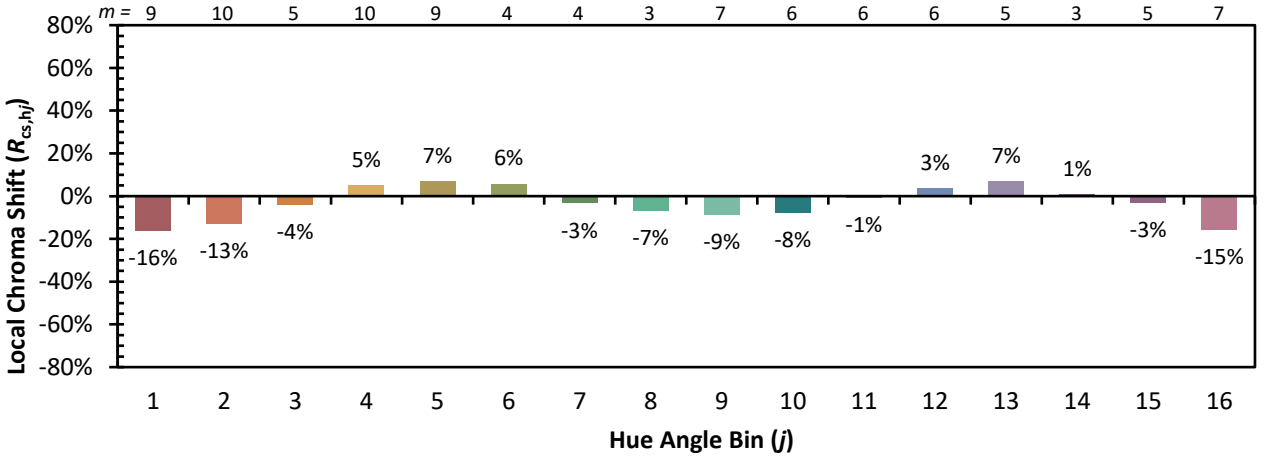
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

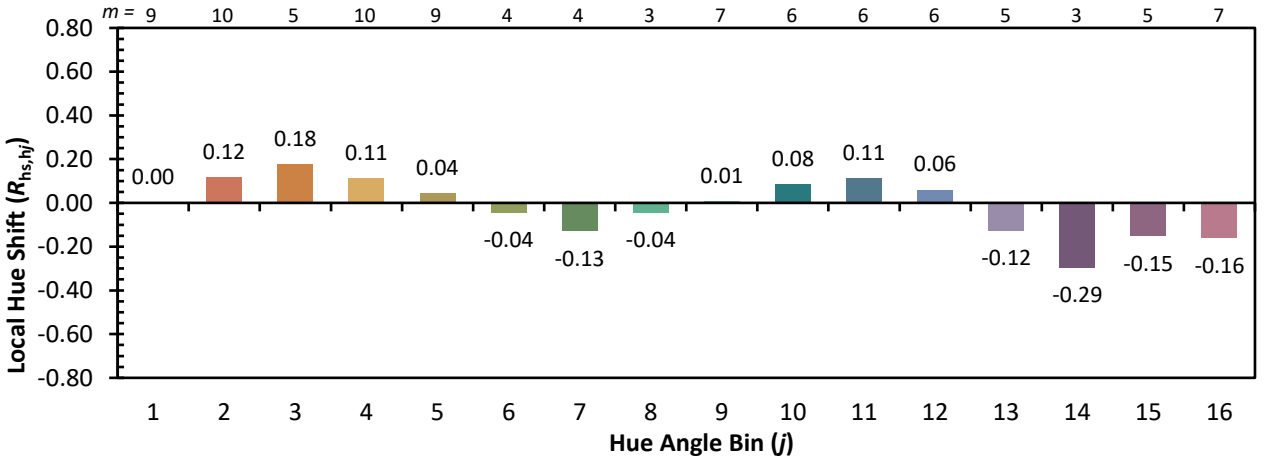


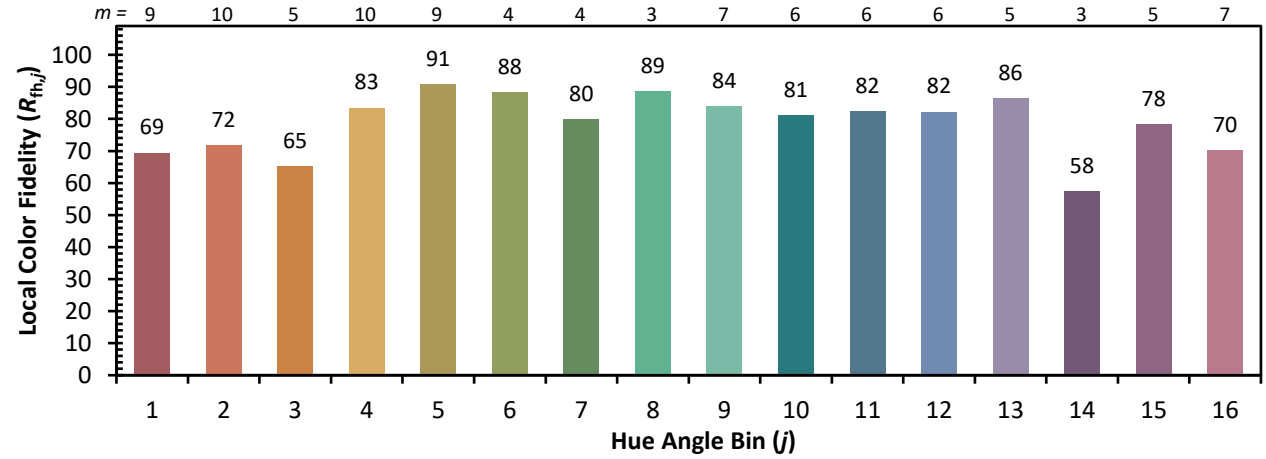
REPORT NUMBER: SP1-2501-332-2

TM-30-18

Color Rendition by Hue-Angle Bin



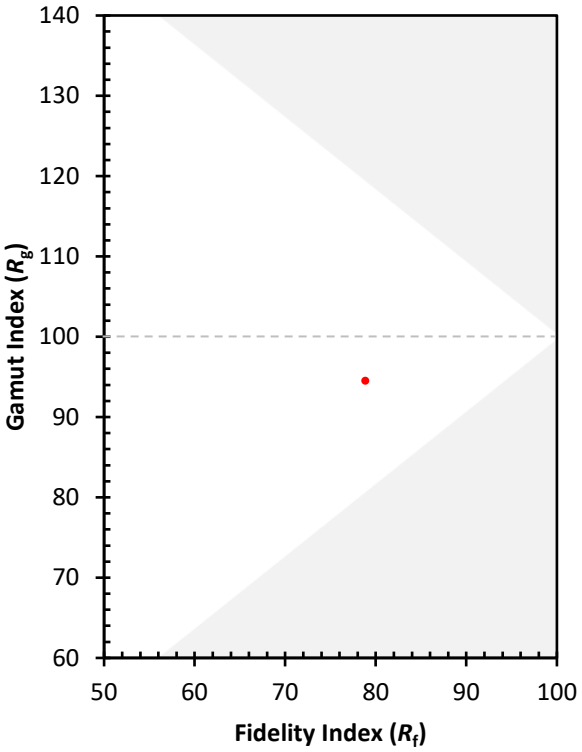


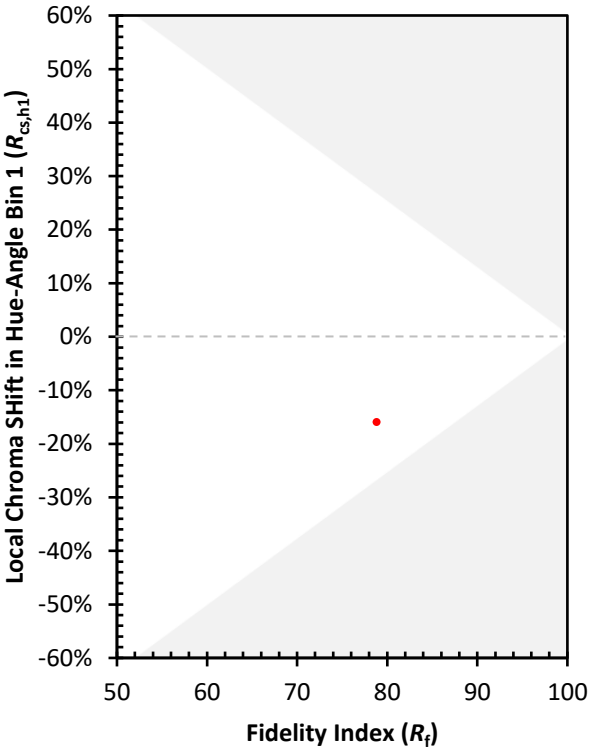


REPORT NUMBER: SP1-2501-332-2

TM-30-18

Measure Comparisons





(END OF REPORT)