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: P981091

Luminaire Tested: **FFX-CLB-100-722-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:	P981091
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-100-722-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:	12130.6 lumens
Efficiency:	N/A
Efficacy:	125.1 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

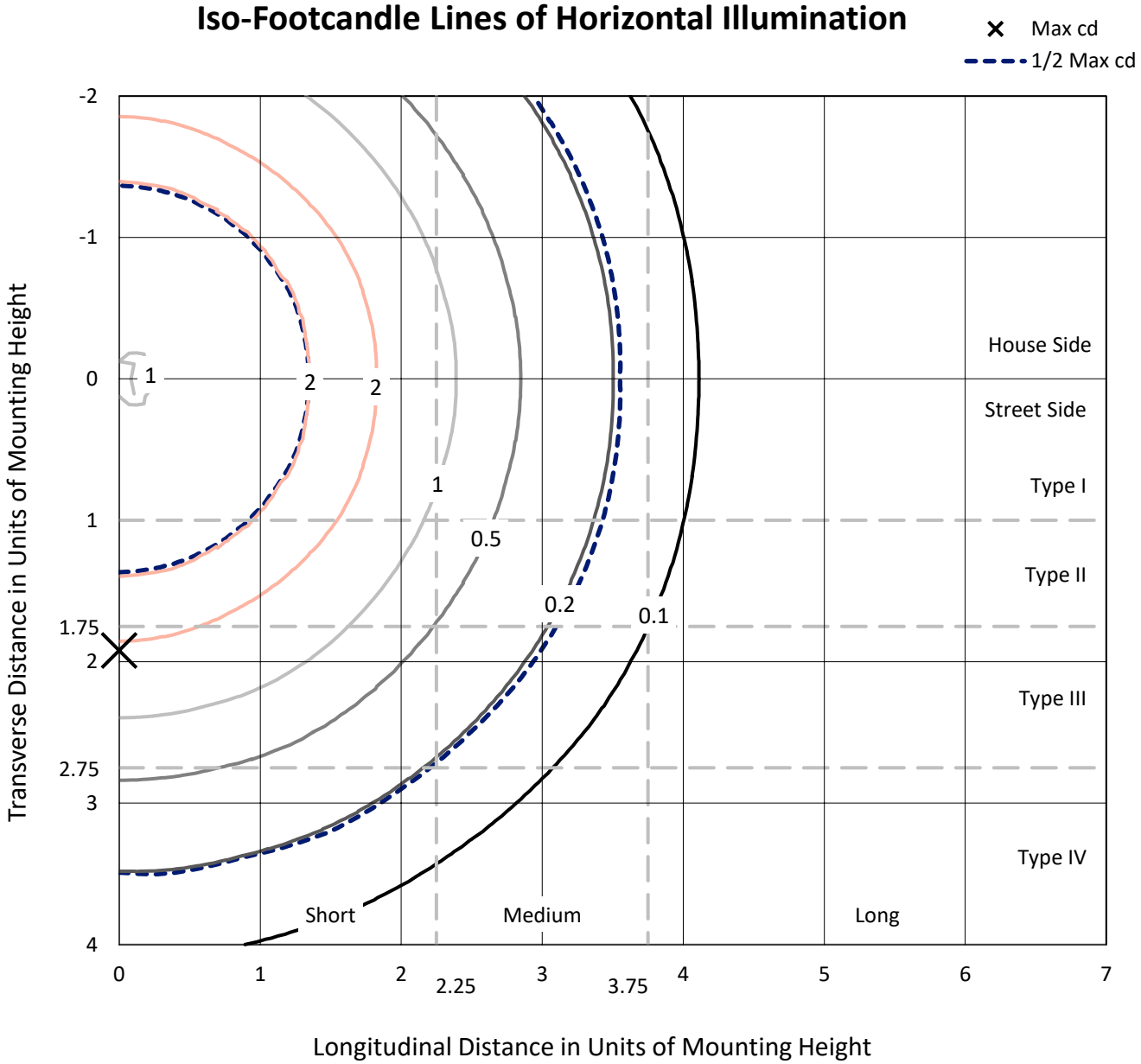
Input Watts (W):	97
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981091
CATALOG NUMBER: FFX-CLB-100-722-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



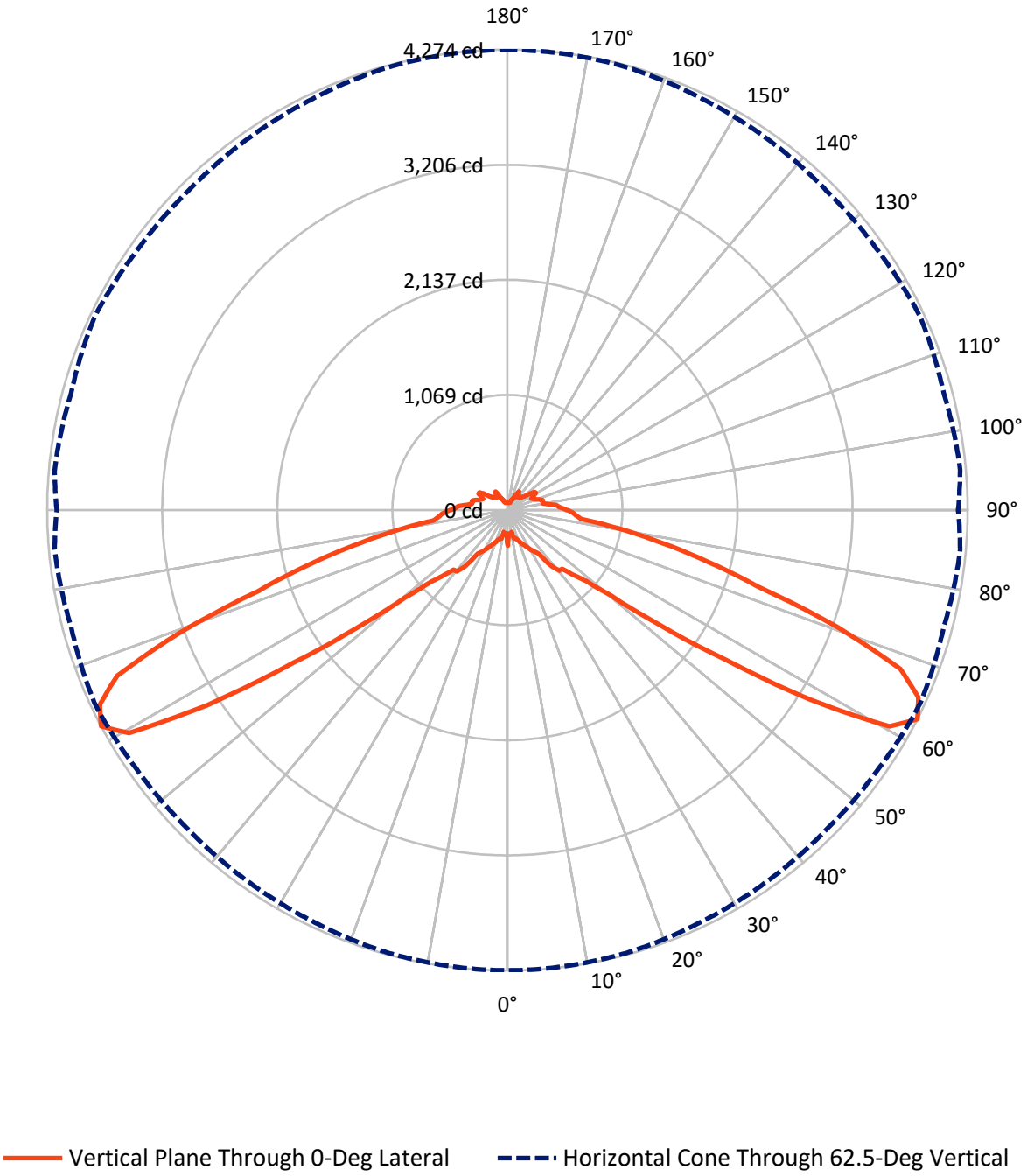
Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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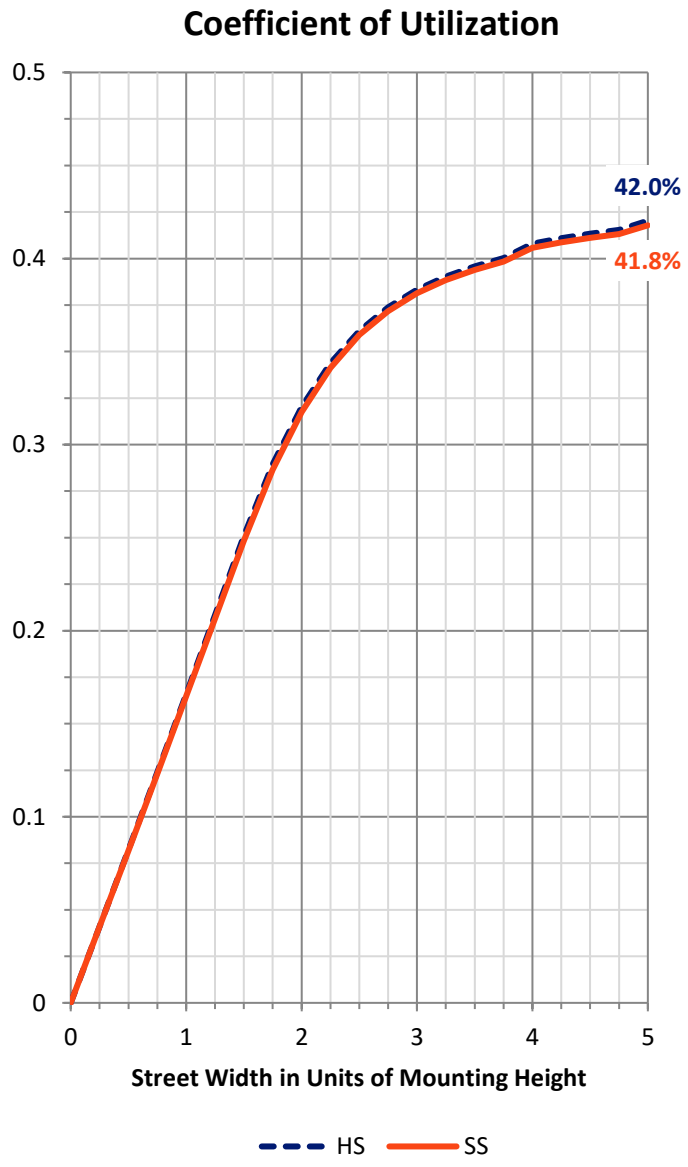
REPORT NUMBER: P981091
CATALOG NUMBER: FFX-CLB-100-722-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5279.8	785.5	6065.3
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	5279.8	785.5	6065.3
	% Fixture	43.5	6.5	50.0
Total	Lumens	10559.5	1571.1	12130.6
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.7	0.2
10°-20°	76.9	0.6
20°-30°	168.6	1.4
30°-40°	346.5	2.9
40°-50°	715.4	5.9
50°-60°	2336.6	19.3
60°-70°	3939.5	32.5
70°-80°	2144.4	17.7
80°-90°	811.0	6.7
90°-100°	493.0	4.1
100°-110°	310.9	2.6
110°-120°	236.5	1.9
120°-130°	202.2	1.7
130°-140°	135.9	1.1
140°-150°	111.9	0.9
150°-160°	52.9	0.4
160°-170°	20.9	0.2
170°-180°	6.9	0.1
0°-90°	10559.5	87.0
0°-180°	12130.6	100.0



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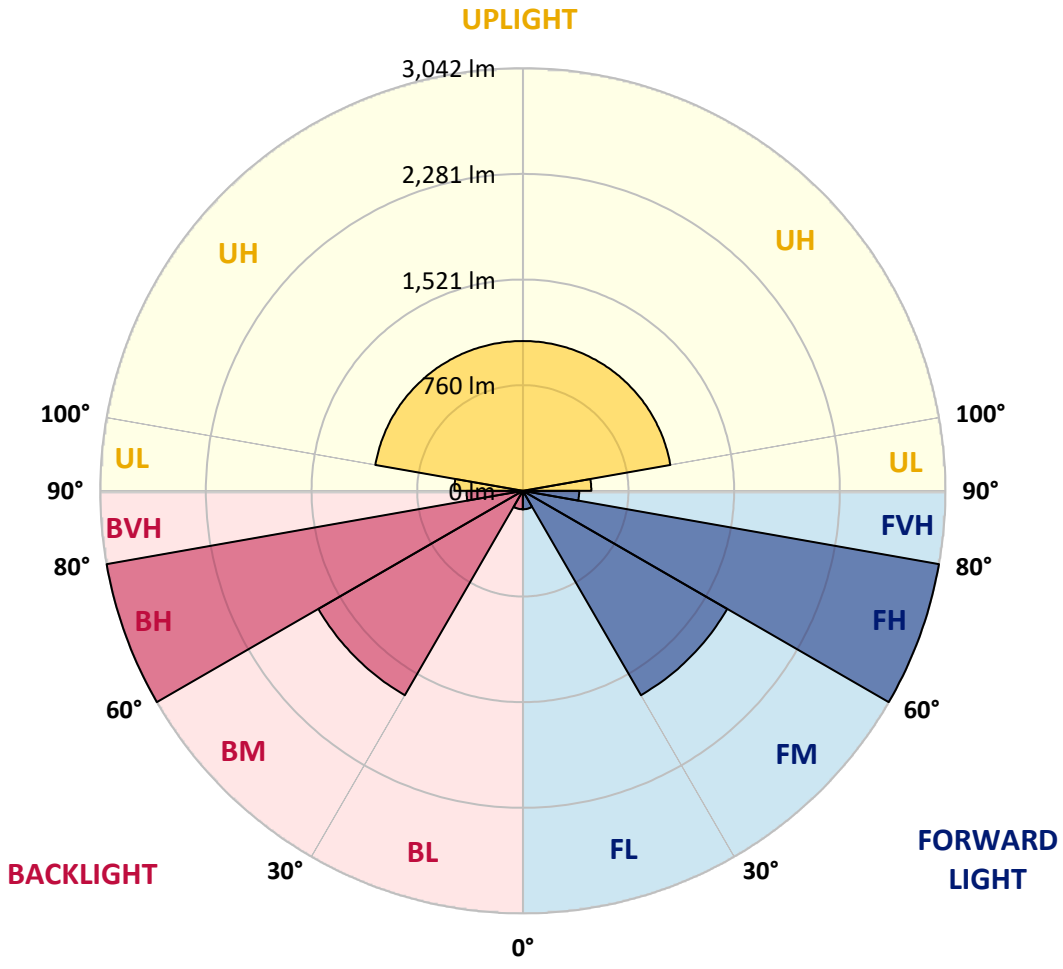
Scaled Data Report

REPORT NUMBER: P981091
CATALOG NUMBER: FFX-CLB-100-722-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°)	133.1	1.1			
FM	(30°-60°)	1699.2	14.0			
FH	(60°-80°)	3042.0	25.1			G2/5000
FVH	(80°-90°)	405.5	3.3			G3/500
BL	(0°-30°)	133.1	1.1	B1/500		
BM	(30°-60°)	1699.2	14.0	B2/2500		
BH	(60°-80°)	3042.0	25.1	B4/5000		G2/5000
BVH	(80°-90°)	405.5	3.3			G3/500
UL	(90°-100°)	493.0	4.1		U3/500	
UH	(100°-180°)	1078.1	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°	330.3	330.3	330.3	330.3	330.3	330.3	330.3	330.3	330.3	330.3	330.3
2.5°	219.9	228.7	277.5	317.5	316.7	288.7	252.7	255.9	277.5	296.7	301.5
5°	221.5	218.3	215.9	206.3	203.1	207.9	204.7	195.2	191.2	192.0	207.1
7.5°	230.3	226.3	203.1	185.6	183.2	193.6	215.9	215.9	192.0	173.6	172.8
10°	207.1	206.3	214.3	222.3	224.7	215.1	205.5	200.7	199.1	197.5	196.0
12.5°	273.5	270.3	253.5	243.1	241.5	246.3	253.5	251.1	239.1	232.7	232.7
15°	271.9	273.5	275.9	271.9	271.1	271.9	275.9	273.5	269.5	264.7	264.7
17.5°	287.1	287.9	288.7	290.3	288.7	286.3	286.3	285.5	286.3	287.9	287.9
20°	310.3	311.1	311.1	311.1	310.3	305.5	305.5	306.3	305.5	307.1	306.3
22.5°	335.9	335.1	335.1	335.1	332.7	328.7	327.9	328.7	326.3	326.3	326.3
25°	360.7	362.3	364.7	363.9	359.9	356.7	354.3	355.1	353.5	353.5	353.5
27.5°	391.9	390.3	395.1	393.5	389.5	389.5	387.1	387.1	384.7	383.9	383.1
30°	427.1	426.3	426.3	427.1	425.5	423.9	423.9	422.3	418.3	419.1	420.7
32.5°	461.5	460.7	459.1	459.9	459.1	456.7	460.7	460.7	459.1	459.9	464.7
35°	495.1	499.9	511.1	519.1	521.5	520.7	523.9	529.5	525.5	523.1	525.5
37.5°	655.0	651.8	639.8	632.6	634.2	638.2	629.4	623.0	619.0	618.2	622.2
40°	739.0	735.8	718.2	719.8	707.8	711.8	715.8	721.4	717.4	708.6	708.6
42.5°	746.2	747.0	771.8	809.4	798.2	774.2	751.8	763.0	779.8	790.2	794.2
45°	856.6	867.0	867.0	869.4	870.2	871.0	855.0	862.2	875.8	892.6	891.8
47.5°	983.7	990.1	994.1	998.9	996.5	998.9	1019.7	1014.1	1029.3	1027.7	1026.1
50°	1250.1	1277.3	1282.1	1300.5	1289.3	1291.7	1330.1	1333.3	1333.3	1330.9	1334.1
52.5°	1773.9	1797.9	1793.9	1753.2	1773.1	1809.1	1850.7	1821.1	1863.5	1842.7	1833.1
55°	2439.4	2440.2	2466.6	2523.4	2549.8	2521.8	2544.2	2489.0	2581.7	2592.9	2564.9
57.5°	3322.4	3339.1	3344.7	3359.1	3338.3	3335.2	3351.1	3316.8	3359.9	3317.6	3334.4
60°	4077.4	4055.8	3994.2	3907.0	3916.6	3951.0	4013.4	3991.8	3961.4	3902.2	3888.6
62.5°	4274.1	4270.9	4258.1	4226.1	4206.9	4191.7	4199.7	4232.5	4194.1	4220.5	4185.3
65°	4193.3	4190.9	4202.9	4230.9	4210.1	4158.9	4114.2	4167.7	4143.7	4231.7	4206.1
67.5°	3935.0	3924.6	3912.6	3964.6	3931.8	3858.2	3825.4	3830.2	3815.8	3903.8	3878.2
70°	3245.6	3228.8	3251.2	3333.6	3286.4	3220.8	3183.2	3199.2	3203.2	3259.2	3268.0
72.5°	2432.2	2453.0	2475.4	2530.6	2519.4	2483.4	2504.2	2528.2	2551.3	2572.1	2563.3
75°	1925.1	1949.9	1905.1	1932.3	1922.7	1950.7	1969.9	1981.1	1978.7	1957.1	1947.5
77.5°	1463.6	1483.6	1473.2	1465.2	1472.4	1500.4	1561.2	1554.0	1519.6	1482.8	1490.0
80°	1052.5	1087.7	1091.7	1088.5	1103.7	1107.7	1158.9	1145.3	1117.3	1116.5	1124.5
82.5°	689.4	705.4	755.8	800.6	812.6	792.6	826.2	839.0	846.2	847.0	844.6
85°	638.2	655.8	643.8	667.8	673.4	679.0	684.6	689.4	697.4	704.6	707.8
87.5°	603.0	631.8	630.2	646.2	644.6	655.8	666.2	669.4	659.8	649.4	646.2
90°	539.1	562.3	571.1	580.7	585.5	583.9	592.6	592.6	586.3	581.5	579.9
92.5°	483.9	496.7	504.7	516.7	519.9	518.3	527.1	523.1	523.9	525.5	527.1
95°	457.5	463.1	460.7	465.5	459.1	453.5	456.7	451.9	449.5	445.5	445.5
97.5°	382.3	381.5	381.5	383.1	379.9	375.1	377.5	376.7	377.5	377.5	374.3
100°	335.1	334.3	329.5	328.7	327.9	326.3	323.9	324.7	324.7	323.9	324.7
102.5°	334.3	327.1	316.7	305.5	305.5	303.1	303.9	303.1	302.3	297.5	295.1
105°	340.7	329.5	311.9	289.5	286.3	287.1	289.5	288.7	285.5	280.7	277.5
107.5°	315.1	302.3	291.9	277.5	273.5	272.7	274.3	275.1	271.9	265.5	260.7
110°	279.1	274.3	269.5	263.9	259.9	259.1	259.1	259.1	255.9	253.5	247.9

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CATALOG NUMBER: FFX-CLB-100-722-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*263.1*	257.5	251.9	247.1	244.7	243.9	242.3	240.7	238.3	235.9	232.7
115°	*247.9*	247.9	243.9	226.3	222.3	221.5	220.7	220.7	220.7	220.7	219.9
117.5°	*268.7*	266.3	251.1	228.7	221.5	217.5	214.3	215.9	215.1	220.7	219.1
120°	*307.9*	290.3	257.5	241.5	235.1	231.9	232.7	233.5	232.7	231.1	227.9
122.5°	*304.7*	285.5	265.5	253.5	246.3	245.5	248.7	247.9	240.7	229.5	220.7
125°	*267.9*	257.5	245.5	234.3	230.3	228.7	230.3	227.9	223.1	217.5	208.7
127.5°	*207.9*	206.3	199.9	195.2	196.0	198.3	202.3	202.3	199.9	196.7	192.0
130°	*186.4*	184.8	185.6	187.2	186.4	186.4	182.4	179.2	184.8	189.6	187.2
132.5°	*172.0*	172.8	180.8	192.8	190.4	184.0	174.4	172.8	181.6	191.2	190.4
135°	*165.6*	166.4	172.8	184.8	181.6	173.6	169.6	170.4	175.2	180.0	179.2
137.5°	*165.6*	165.6	164.0	168.0	168.0	168.0	167.2	169.6	172.8	172.8	170.4
140°	*163.2*	164.8	160.0	160.8	163.2	165.6	166.4	169.6	170.4	169.6	166.4
142.5°	*149.6*	151.2	156.0	162.4	164.0	165.6	170.4	169.6	169.6	169.6	168.0
145°	*184.0*	184.0	188.0	193.6	191.2	188.0	189.6	190.4	192.0	193.6	192.0
147.5°	*203.1*	203.1	198.3	196.7	192.8	192.8	197.5	196.7	196.0	194.4	195.2
150°	*168.0*	167.2	163.2	161.6	161.6	160.0	162.4	162.4	160.0	158.4	159.2
152.5°	*120.0*	120.8	119.2	120.8	123.2	125.6	128.0	129.6	129.6	129.6	128.0
155°	*108.8*	107.2	106.4	108.0	108.8	108.0	106.4	106.4	106.4	104.8	104.0
157.5°	*94.4*	93.6	92.8	93.6	93.6	94.4	95.2	96.0	96.0	94.4	93.6
160°	*81.6*	81.6	81.6	82.4	82.4	81.6	80.8	81.6	83.2	83.2	83.2
162.5°	*73.6*	74.4	75.2	76.8	76.8	75.2	73.6	73.6	75.2	76.8	76.8
165°	*68.0*	68.0	69.6	72.8	73.6	71.2	68.8	68.8	71.2	74.4	75.2
167.5°	*68.0*	68.8	71.2	73.6	72.8	70.4	68.0	68.0	70.4	72.8	72.8
170°	*72.8*	72.8	72.0	71.2	70.4	70.4	70.4	71.2	72.0	71.2	71.2
172.5°	*76.8*	76.0	73.6	71.2	70.4	72.8	74.4	73.6	72.8	71.2	71.2
175°	*78.4*	77.6	76.0	74.4	74.4	76.0	76.8	75.2	73.6	72.8	72.0
177.5°	*70.4*	70.4	69.6	69.6	70.4	69.6	69.6	69.6	68.8	68.0	67.2
180°	*60.8*	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8

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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

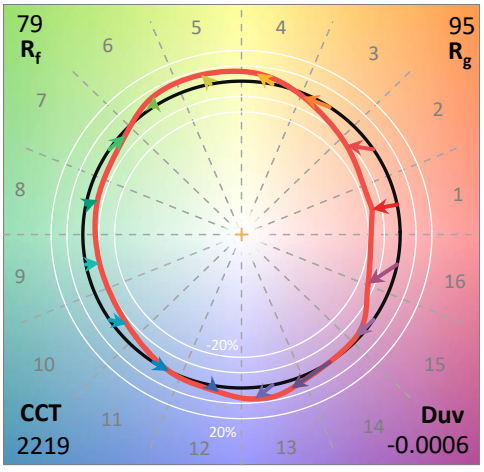
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Version: v7.04

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

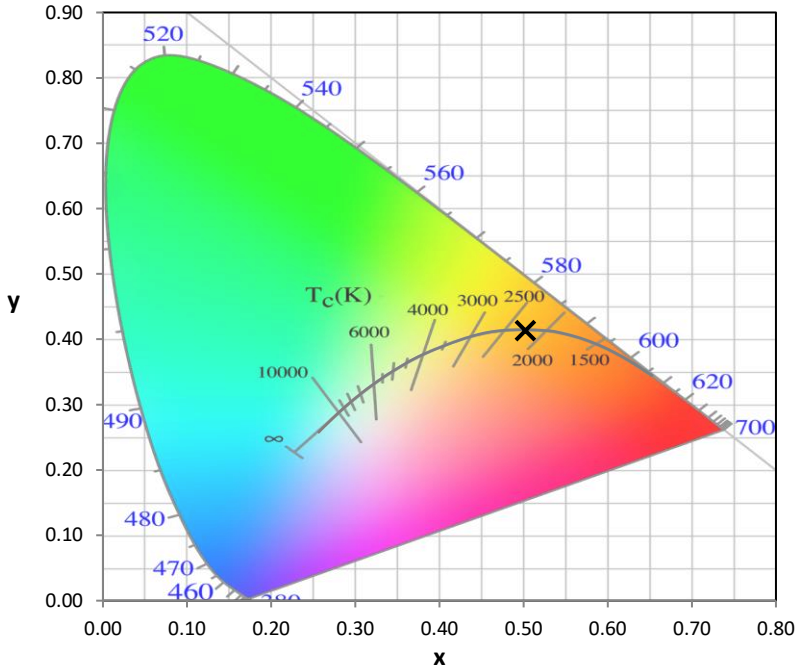
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

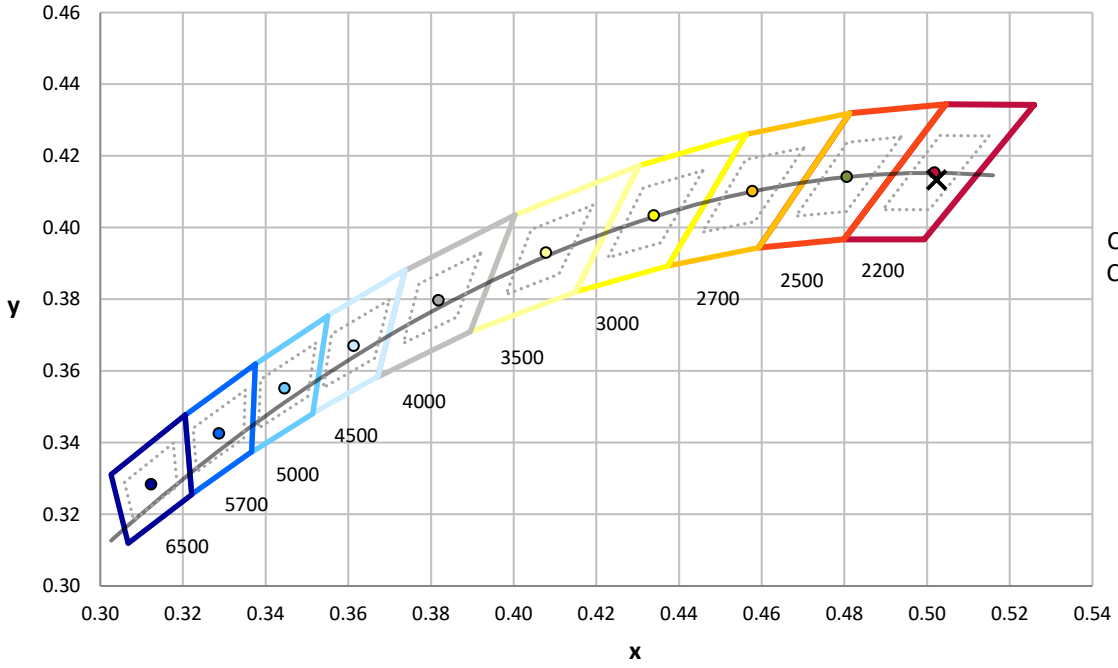
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

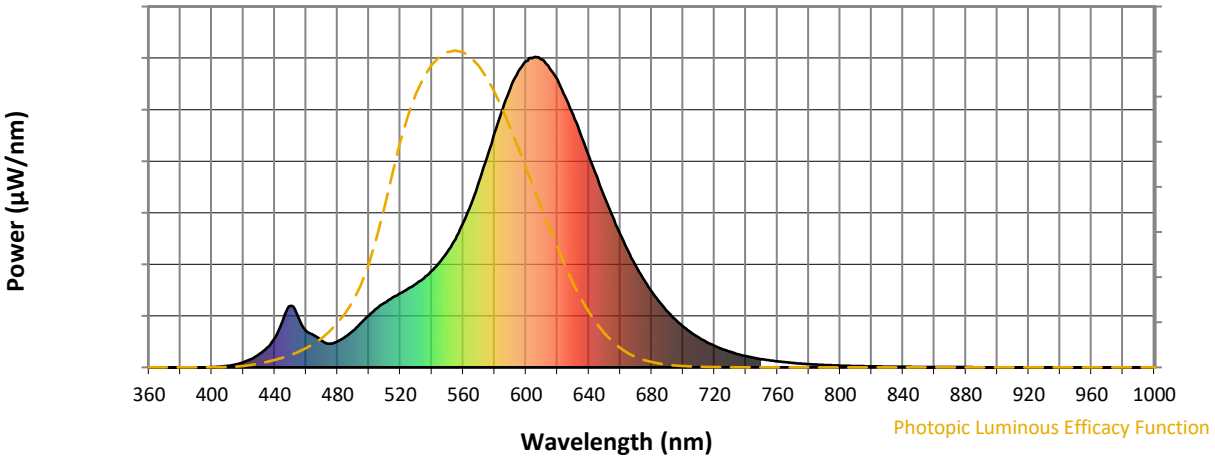


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

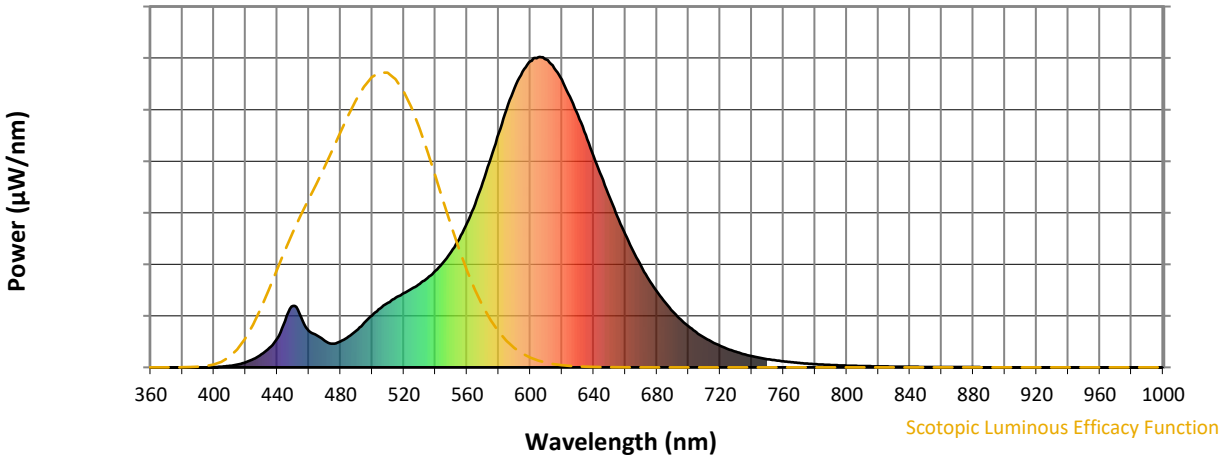


Photopic Lumens: NR

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

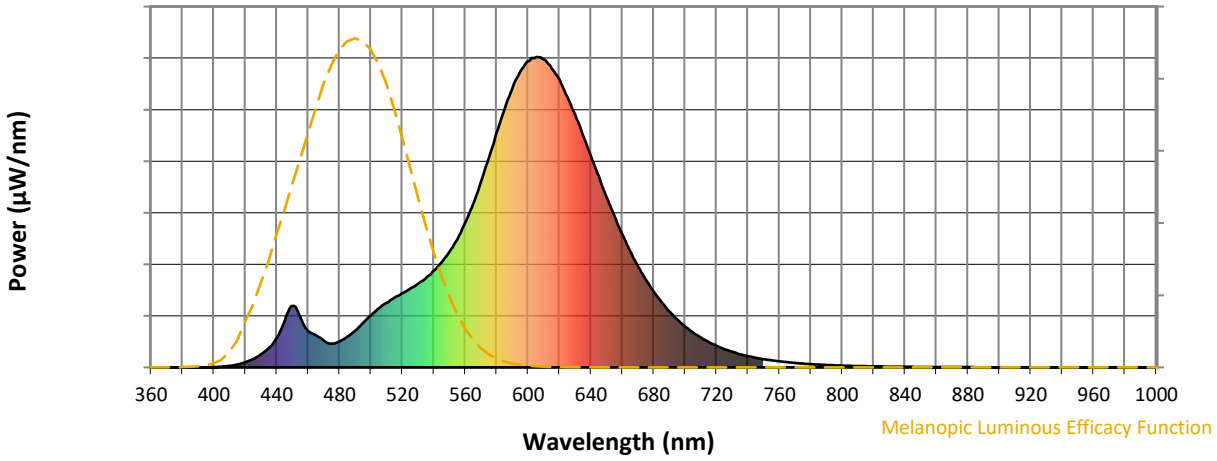


Scotopic Lumens: NR **S/P: 0.94**

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			

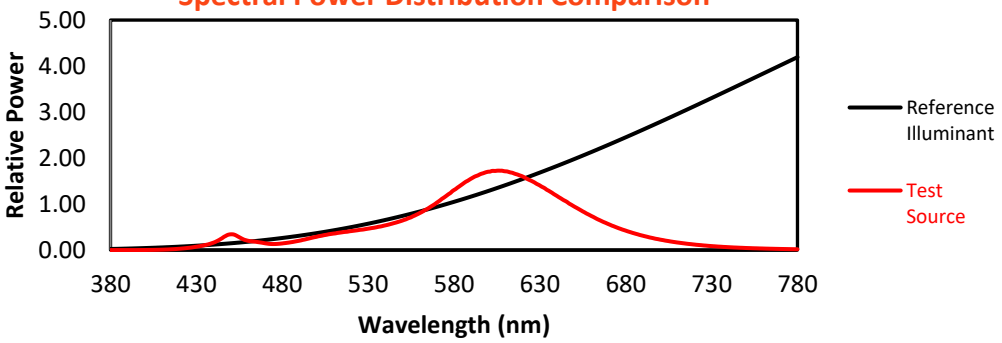
REPORT NUMBER: SP1-2501-332-2

TM-30-18

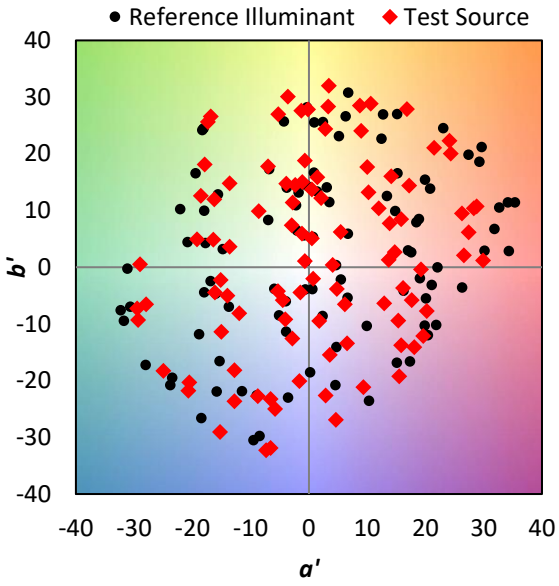
Summary

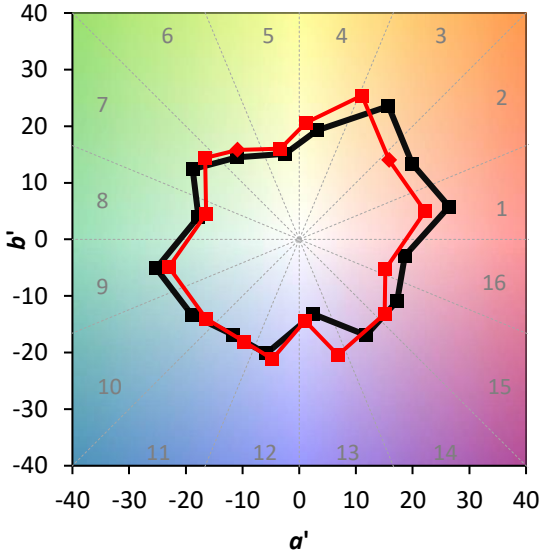
R_f = 78.8
R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

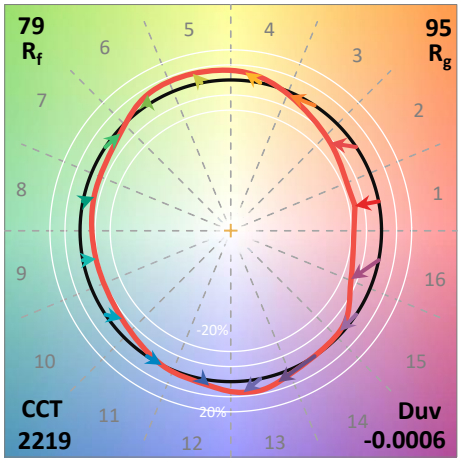
Spectral Power Distribution Comparison

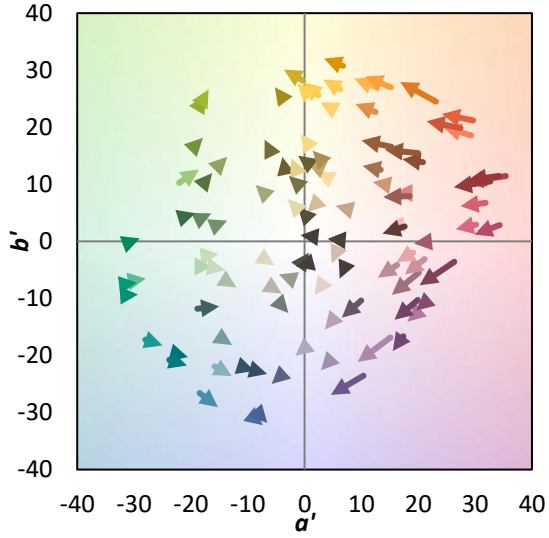


Color Vector Graphics







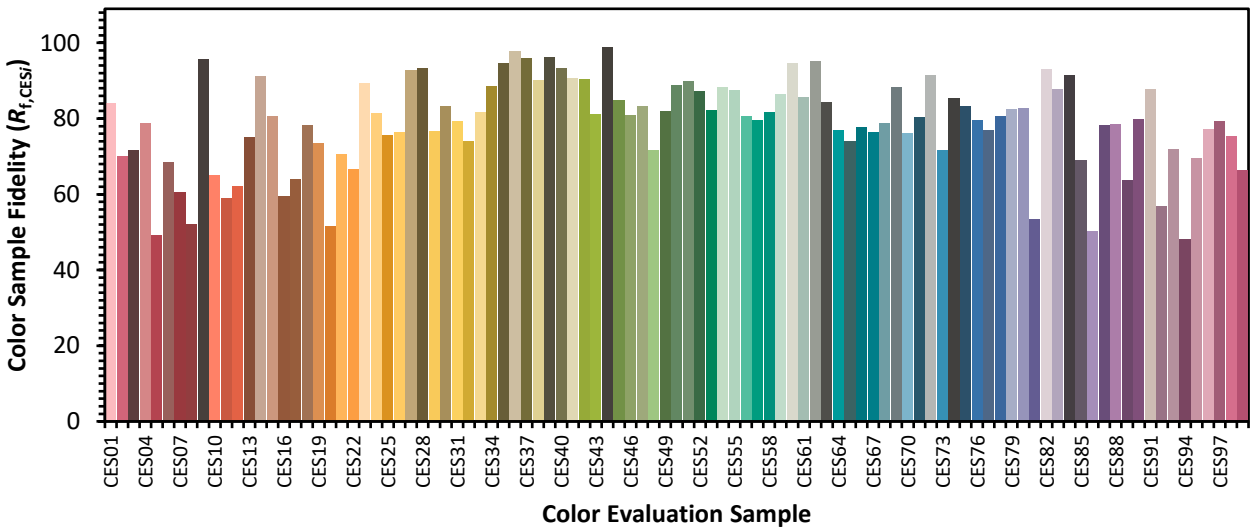


REPORT NUMBER: SP1-2501-332-2

TM-30-18

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

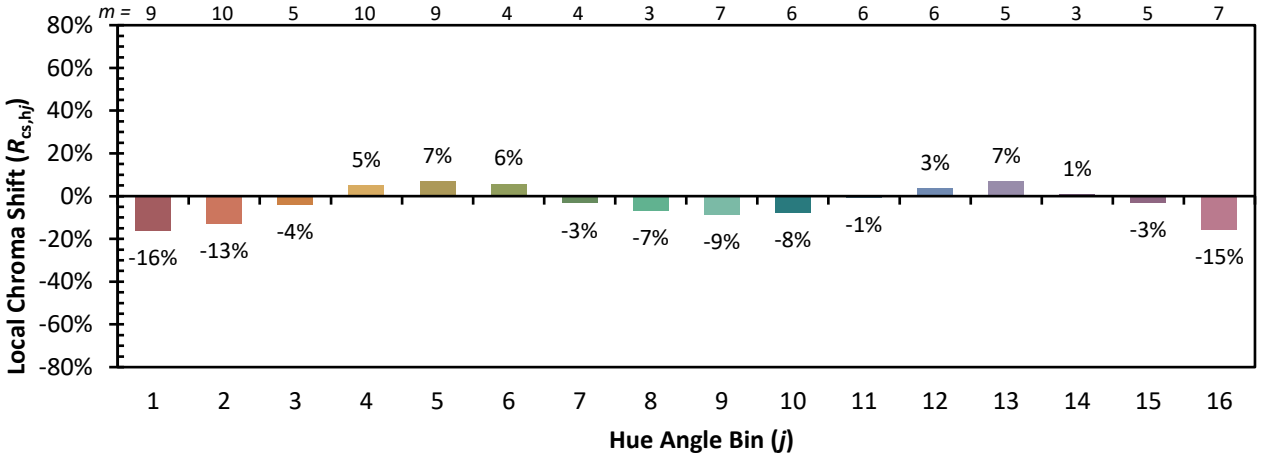
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82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

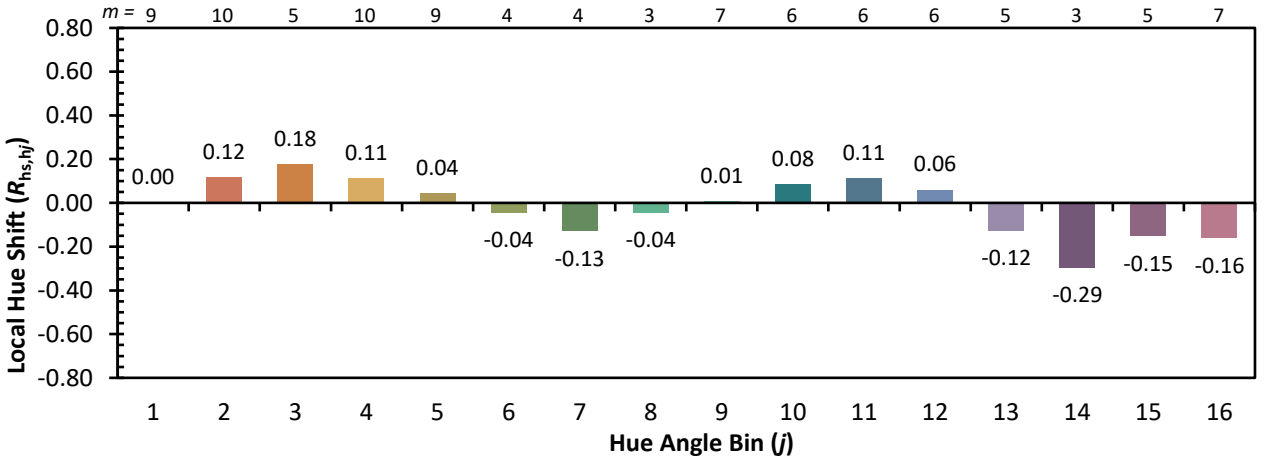


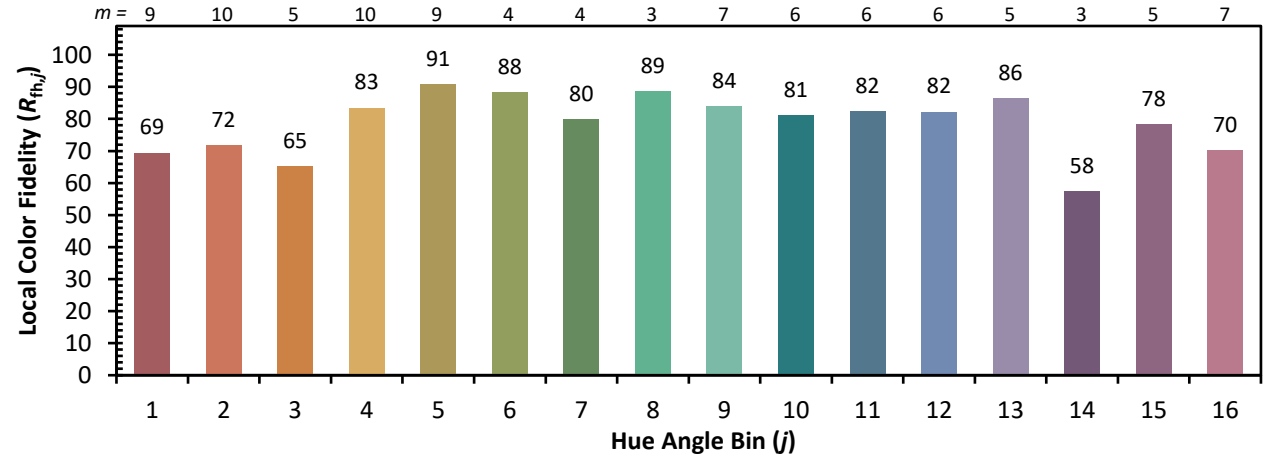
REPORT NUMBER: SP1-2501-332-2

TM-30-18

Color Rendition by Hue-Angle Bin



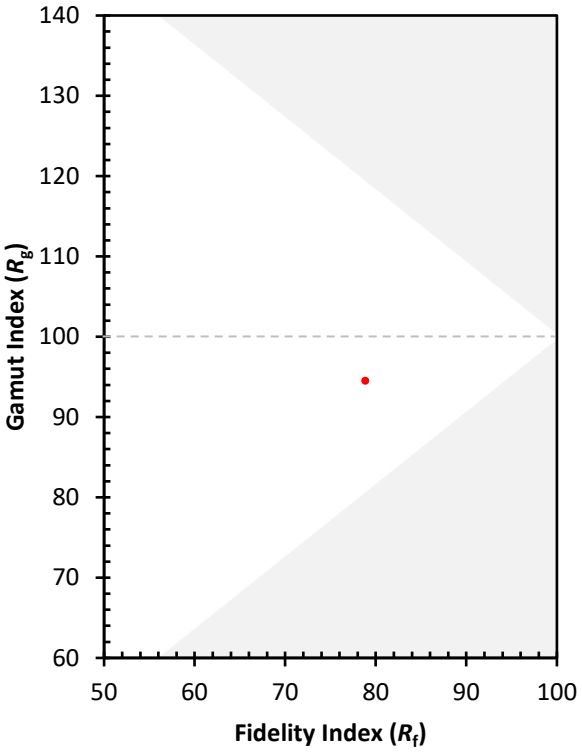


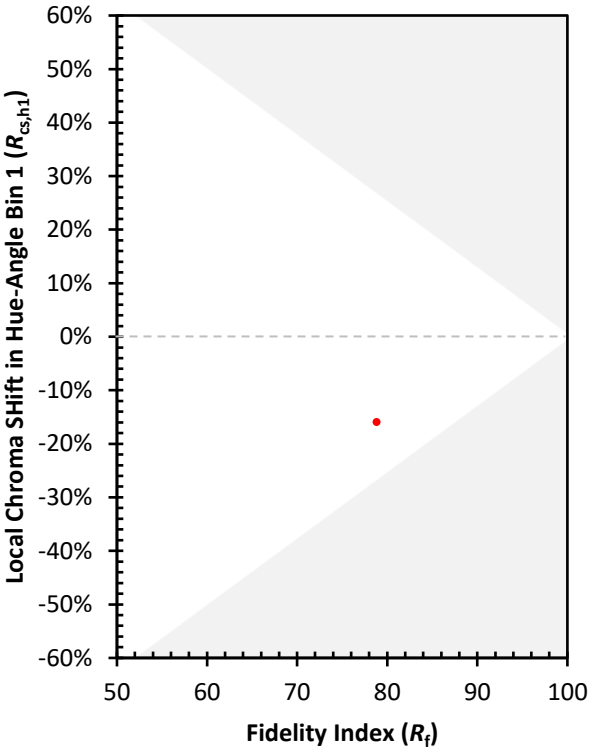


REPORT NUMBER: SP1-2501-332-2

TM-30-18

Measure Comparisons





(END OF REPORT)