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: P981116

Luminaire Tested: **FFX-CLB-30-730-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:	P981116
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-730-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4684.3 lumens
Efficiency:	N/A
Efficacy:	153.1 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U3 - G2

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

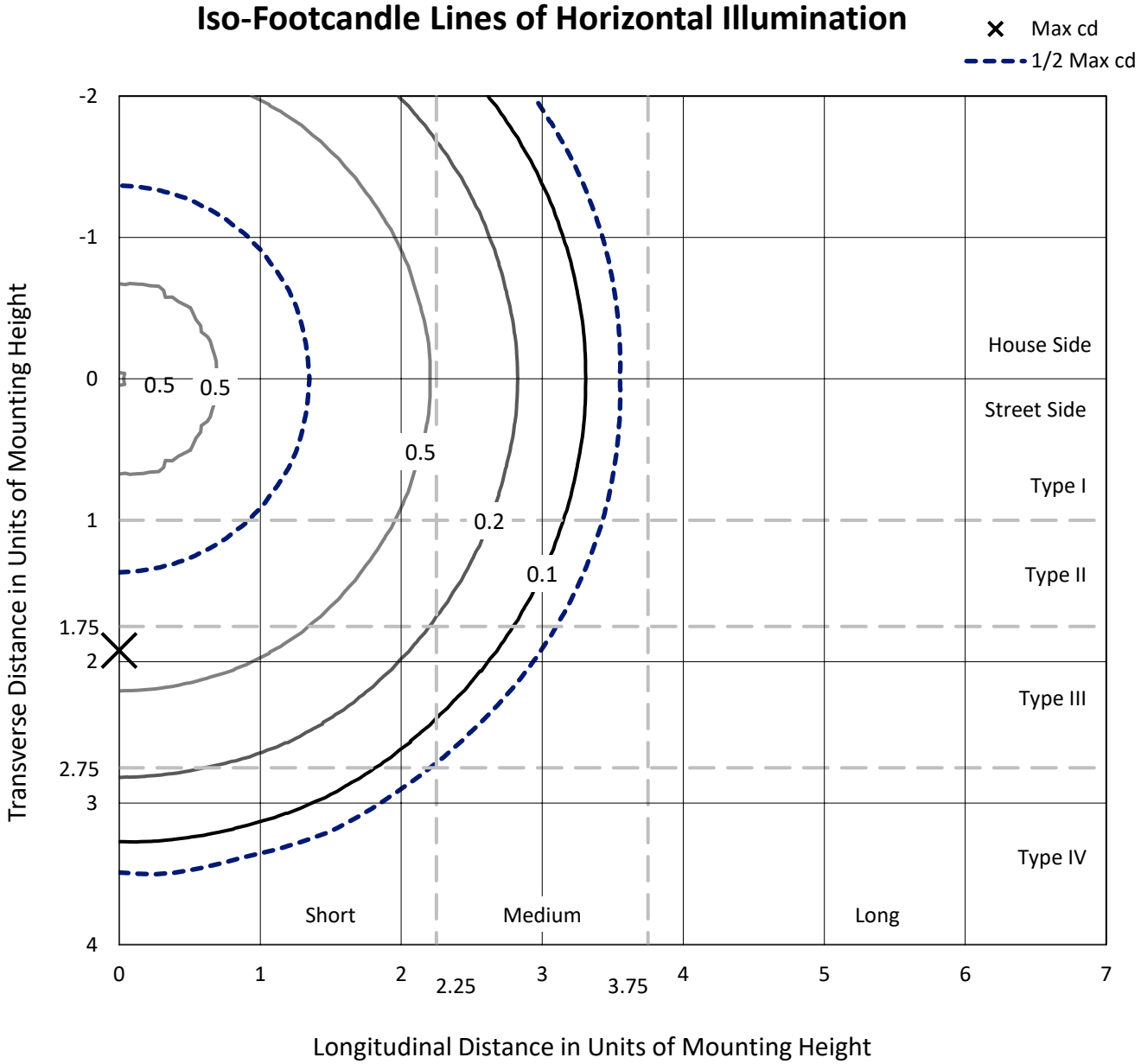


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Scaled Data Report

REPORT NUMBER: P981116
CATALOG NUMBER: FFX-CLB-30-730-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination



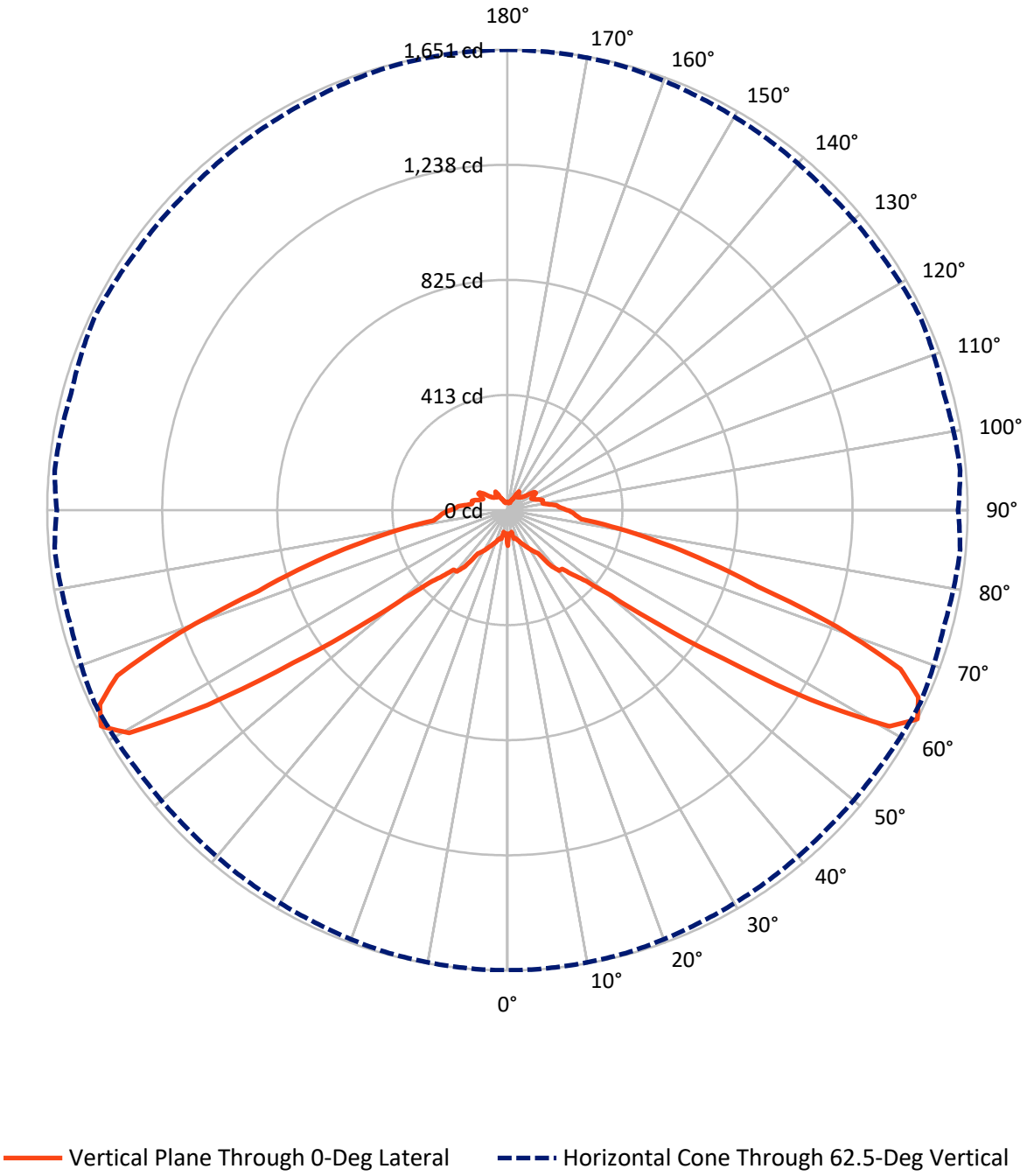
Based on 15 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

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REPORT NUMBER: P981116
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Luminous Intensity Polar Plot



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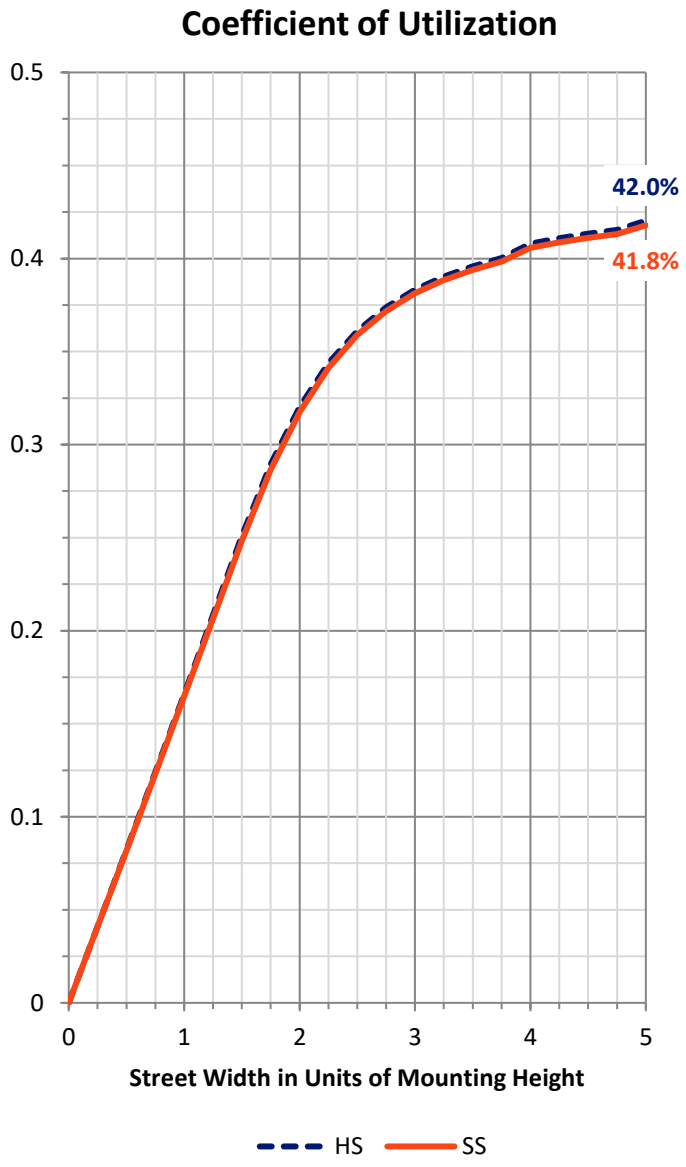
REPORT NUMBER: P981116
CATALOG NUMBER: FFX-CLB-30-730-U-FR-T5-UPLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2038.8	303.3	2342.1
	% Fixture	43.5	6.5	50.0
Street Side	Lumens	2038.8	303.3	2342.1
	% Fixture	43.5	6.5	50.0
Total	Lumens	4077.6	606.7	4684.3
	% Fixture	87.0	13.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.2
10°-20°	29.7	0.6
20°-30°	65.1	1.4
30°-40°	133.8	2.9
40°-50°	276.2	5.9
50°-60°	902.3	19.3
60°-70°	1521.3	32.5
70°-80°	828.1	17.7
80°-90°	313.2	6.7
90°-100°	190.3	4.1
100°-110°	120.1	2.6
110°-120°	91.3	1.9
120°-130°	78.1	1.7
130°-140°	52.5	1.1
140°-150°	43.2	0.9
150°-160°	20.4	0.4
160°-170°	8.1	0.2
170°-180°	2.7	0.1
0°-90°	4077.6	87.0
0°-180°	4684.3	100.0



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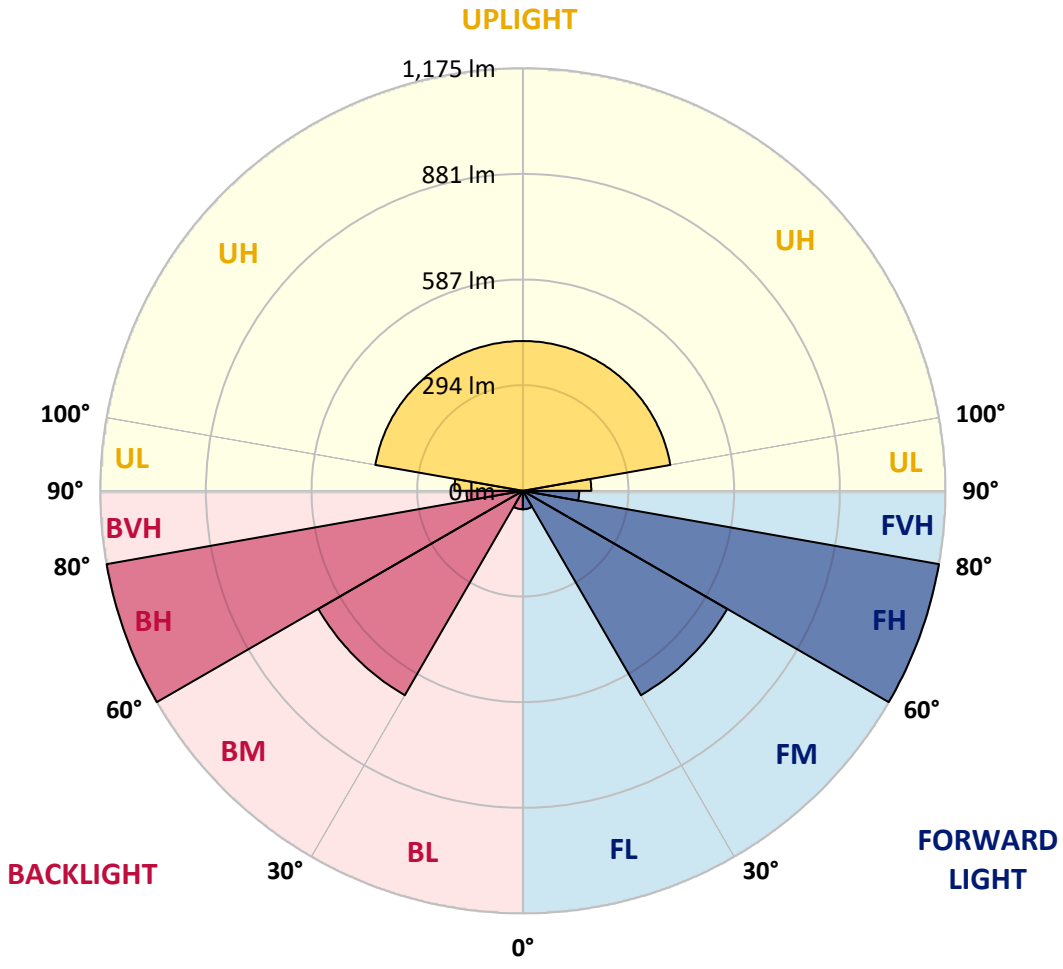
Scaled Data Report

REPORT NUMBER: P981116
CATALOG NUMBER: FFX-CLB-30-730-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°)	51.4	1.1			
FM	(30°-60°)	656.1	14.0			
FH	(60°-80°)	1174.7	25.1			G1/1800
FVH	(80°-90°)	156.6	3.3			G2/225
BL	(0°-30°)	51.4	1.1	B0/110		
BM	(30°-60°)	656.1	14.0	B1/1000		
BH	(60°-80°)	1174.7	25.1	B3/2500		G1/1800
BVH	(80°-90°)	156.6	3.3			G2/225
UL	(90°-100°)	190.3	4.1		U3/500	
UH	(100°-180°)	416.3	8.9		U3/500	

BUG Rating: B3-U3-G2
Type V Short



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REPORT NUMBER: P981116
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	*127.6*	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6
2.5°	*84.9*	88.3	107.2	122.6	122.3	111.5	97.6	98.8	107.2	114.6	116.4
5°	*85.5*	84.3	83.4	79.7	78.4	80.3	79.1	75.4	73.8	74.1	80.0
7.5°	*88.9*	87.4	78.4	71.7	70.7	74.7	83.4	83.4	74.1	67.0	66.7
10°	*80.0*	79.7	82.8	85.9	86.8	83.1	79.4	77.5	76.9	76.3	75.7
12.5°	*105.6*	104.4	97.9	93.9	93.3	95.1	97.9	97.0	92.3	89.9	89.9
15°	*105.0*	105.6	106.6	105.0	104.7	105.0	106.6	105.6	104.1	102.2	102.2
17.5°	*110.9*	111.2	111.5	112.1	111.5	110.6	110.6	110.3	110.6	111.2	111.2
20°	*119.8*	120.1	120.1	120.1	119.8	118.0	118.0	118.3	118.0	118.6	118.3
22.5°	*129.7*	129.4	129.4	129.4	128.5	126.9	126.6	126.9	126.0	126.0	126.0
25°	*139.3*	139.9	140.8	140.5	139.0	137.7	136.8	137.1	136.5	136.5	136.5
27.5°	*151.3*	150.7	152.6	152.0	150.4	150.4	149.5	149.5	148.6	148.2	147.9
30°	*164.9*	164.6	164.6	164.9	164.3	163.7	163.7	163.1	161.5	161.8	162.5
32.5°	*178.2*	177.9	177.3	177.6	177.3	176.3	177.9	177.9	177.3	177.6	179.4
35°	*191.2*	193.0	197.4	200.4	201.4	201.1	202.3	204.5	202.9	202.0	202.9
37.5°	*252.9*	251.7	247.1	244.3	244.9	246.5	243.1	240.6	239.0	238.7	240.3
40°	*285.4*	284.1	277.3	278.0	273.3	274.9	276.4	278.6	277.0	273.6	273.6
42.5°	*288.2*	288.5	298.0	312.5	308.2	299.0	290.3	294.6	301.1	305.1	306.7
45°	*330.8*	334.8	334.8	335.7	336.0	336.3	330.2	332.9	338.2	344.7	344.4
47.5°	*379.9*	382.3	383.9	385.7	384.8	385.7	393.8	391.6	397.5	396.9	396.2
50°	*482.7*	493.2	495.1	502.2	497.9	498.8	513.6	514.8	514.8	513.9	515.1
52.5°	*685.0*	694.3	692.7	677.0	684.7	698.6	714.7	703.2	719.6	711.6	707.9
55°	*942.0*	942.3	952.5	974.4	984.6	973.8	982.4	961.1	996.9	1001.3	990.5
57.5°	*1282.9*	1289.4	1291.6	1297.1	1289.1	1287.9	1294.1	1280.8	1297.4	1281.1	1287.6
60°	*1574.5*	1566.1	1542.4	1508.7	1512.4	1525.7	1549.8	1541.4	1529.7	1506.8	1501.6
62.5°	*1650.5*	*1649.2*	*1644.3*	*1631.9*	*1624.5*	*1618.6*	*1621.7*	*1634.4*	*1619.6*	*1629.8*	*1616.2*
65°	*1619.3*	1618.3	1623.0	1633.8	1625.7	1606.0	1588.7	1609.4	1600.1	1634.1	1624.2
67.5°	*1519.5*	1515.5	1510.9	1530.9	1518.3	1489.9	1477.2	1479.0	1473.5	1507.5	1497.6
70°	*1253.3*	1246.8	1255.4	1287.3	1269.0	1243.7	1229.2	1235.4	1236.9	1258.5	1261.9
72.5°	*939.2*	947.2	955.9	977.2	972.9	959.0	967.0	976.3	985.2	993.2	989.8
75°	*743.4*	753.0	735.7	746.2	742.5	753.3	760.7	765.0	764.1	755.7	752.0
77.5°	*565.2*	572.9	568.9	565.8	568.6	579.4	602.9	600.1	586.8	572.6	575.4
80°	*406.4*	420.0	421.6	420.3	426.2	427.7	447.5	442.3	431.5	431.1	434.2
82.5°	*266.2*	272.4	291.9	309.2	313.8	306.1	319.0	324.0	326.8	327.1	326.1
85°	*246.5*	253.3	248.6	257.9	260.0	262.2	264.4	266.2	269.3	272.1	273.3
87.5°	*232.9*	244.0	243.4	249.5	248.9	253.3	257.3	258.5	254.8	250.8	249.5
90°	*208.2*	217.1	220.5	224.2	226.1	225.5	228.9	228.9	226.4	224.5	223.9
92.5°	*186.8*	191.8	194.9	199.5	200.7	200.1	203.5	202.0	202.3	202.9	203.5
95°	*176.7*	178.8	177.9	179.7	177.3	175.1	176.3	174.5	173.6	172.0	172.0
97.5°	*147.6*	147.3	147.3	147.9	146.7	144.8	145.8	145.5	145.8	145.8	144.5
100°	*129.4*	129.1	127.2	126.9	126.6	126.0	125.1	125.4	125.4	125.1	125.4
102.5°	*129.1*	126.3	122.3	118.0	118.0	117.1	117.4	117.1	116.7	114.9	114.0
105°	*131.6*	127.2	120.4	111.8	110.6	110.9	111.8	111.5	110.3	108.4	107.2
107.5°	*121.7*	116.7	112.7	107.2	105.6	105.3	105.9	106.2	105.0	102.5	100.7
110°	*107.8*	105.9	104.1	101.9	100.4	100.1	100.1	100.1	98.8	97.9	95.7

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Scaled Data Report

REPORT NUMBER: P981116
CATALOG NUMBER: FFX-CLB-30-730-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*101.6*	99.4	97.3	95.4	94.5	94.2	93.6	93.0	92.0	91.1	89.9
115°	*95.7*	95.7	94.2	87.4	85.9	85.5	85.2	85.2	85.2	85.2	84.9
117.5°	*103.8*	102.8	97.0	88.3	85.5	84.0	82.8	83.4	83.1	85.2	84.6
120°	*118.9*	112.1	99.4	93.3	90.8	89.6	89.9	90.2	89.9	89.3	88.0
122.5°	*117.7*	110.3	102.5	97.9	95.1	94.8	96.1	95.7	93.0	88.6	85.2
125°	*103.5*	99.4	94.8	90.5	88.9	88.3	88.9	88.0	86.2	84.0	80.6
127.5°	*80.3*	79.7	77.2	75.4	75.7	76.6	78.1	78.1	77.2	76.0	74.1
130°	*72.0*	71.3	71.7	72.3	72.0	72.0	70.4	69.2	71.3	73.2	72.3
132.5°	*66.4*	66.7	69.8	74.4	73.5	71.0	67.3	66.7	70.1	73.8	73.5
135°	*63.9*	64.2	66.7	71.3	70.1	67.0	65.5	65.8	67.6	69.5	69.2
137.5°	*63.9*	63.9	63.3	64.9	64.9	64.9	64.5	65.5	66.7	66.7	65.8
140°	*63.0*	63.6	61.8	62.1	63.0	63.9	64.2	65.5	65.8	65.5	64.2
142.5°	*57.8*	58.4	60.2	62.7	63.3	63.9	65.8	65.5	65.5	65.5	64.9
145°	*71.0*	71.0	72.6	74.7	73.8	72.6	73.2	73.5	74.1	74.7	74.1
147.5°	*78.4*	78.4	76.6	76.0	74.4	74.4	76.3	76.0	75.7	75.0	75.4
150°	*64.9*	64.5	63.0	62.4	62.4	61.8	62.7	62.7	61.8	61.2	61.5
152.5°	*46.3*	46.6	46.0	46.6	47.6	48.5	49.4	50.0	50.0	50.0	49.4
155°	*42.0*	41.4	41.1	41.7	42.0	41.7	41.1	41.1	41.1	40.5	40.1
157.5°	*36.4*	36.1	35.8	36.1	36.1	36.4	36.8	37.1	37.1	36.4	36.1
160°	*31.5*	31.5	31.5	31.8	31.8	31.5	31.2	31.5	32.1	32.1	32.1
162.5°	*28.4*	28.7	29.0	29.6	29.6	29.0	28.4	28.4	29.0	29.6	29.6
165°	*26.3*	26.3	26.9	28.1	28.4	27.5	26.6	26.6	27.5	28.7	29.0
167.5°	*26.3*	26.6	27.5	28.4	28.1	27.2	26.3	26.3	27.2	28.1	28.1
170°	*28.1*	28.1	27.8	27.5	27.2	27.2	27.2	27.5	27.8	27.5	27.5
172.5°	*29.6*	29.3	28.4	27.5	27.2	28.1	28.7	28.4	28.1	27.5	27.5
175°	*30.3*	30.0	29.3	28.7	28.7	29.3	29.6	29.0	28.4	28.1	27.8
177.5°	*27.2*	27.2	26.9	26.9	27.2	26.9	26.9	26.9	26.6	26.3	25.9
180°	*23.5*	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5

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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: SP1-2501-332-4

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

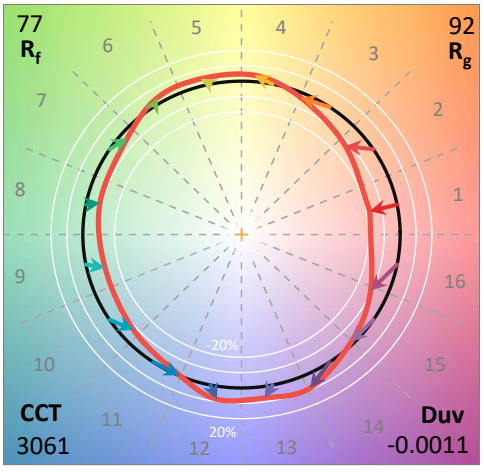
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-4
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-100-730-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3061	CRI (Ra):	71.7		
CIE u':	0.2489	R1:	67.8	R9:	-40.3
CIE v':	0.5187	R2:	85.0	R10:	67.2
Duv:	-0.0011	R3:	92.9	R11:	61.6
CIE x:	0.4312	R4:	66.0	R12:	59.9
CIE y:	0.3995	R5:	68.5	R13:	71.4
CIE z:	0.1693	R6:	80.2	R14:	96.3
Peak Wavelength (nm):	592	R7:	74.5	R15:	58.8
Dominant Wavelength (nm):	582	R8:	39.0		
Purity:	49.32381				

Rf:	76.8
Rg:	92.2



Test Conditions

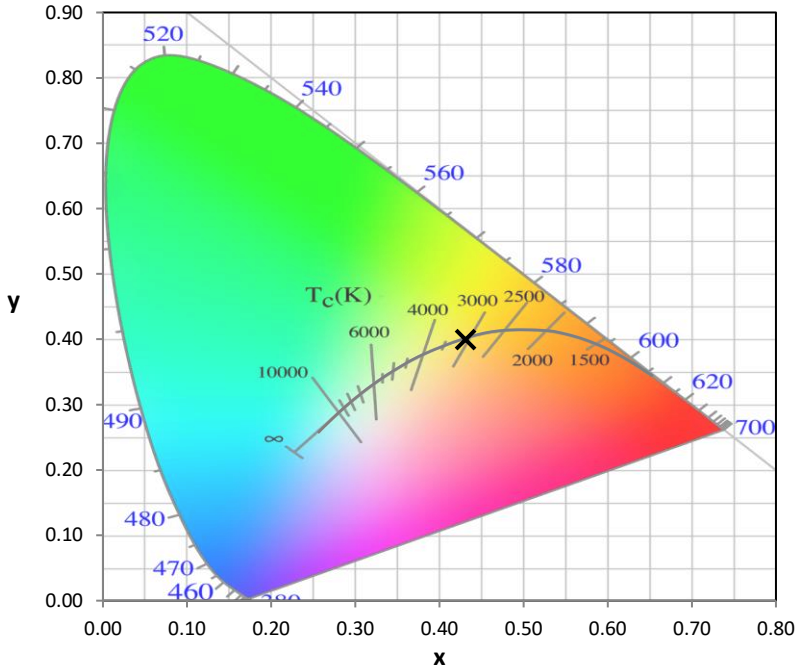
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

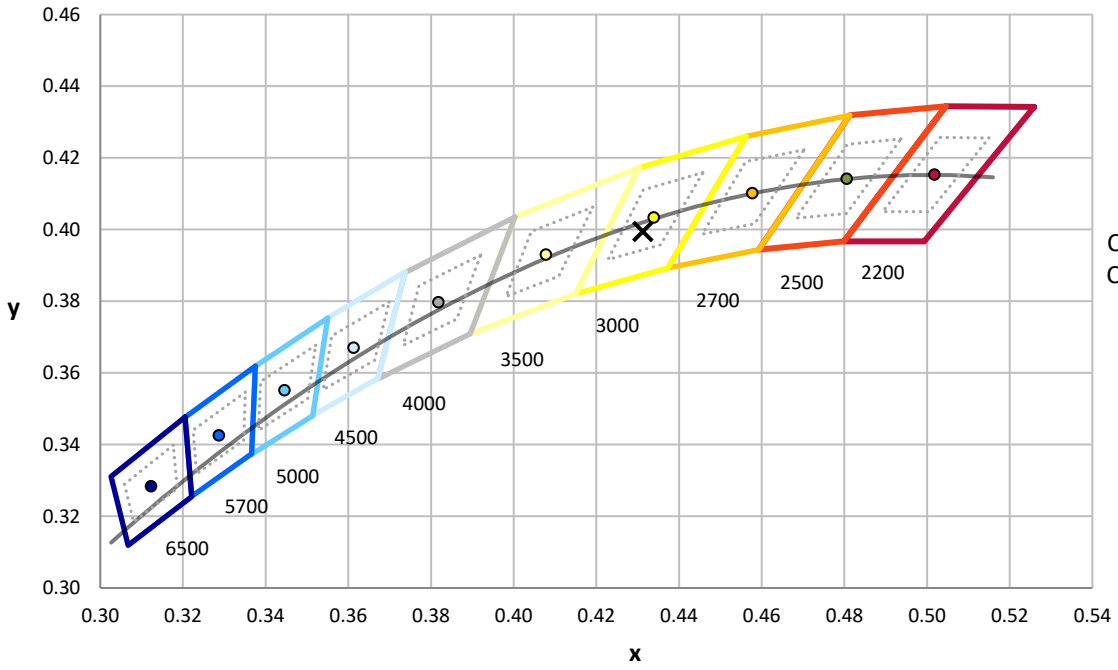
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-4

CIE 1931 Chromaticity Diagram



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

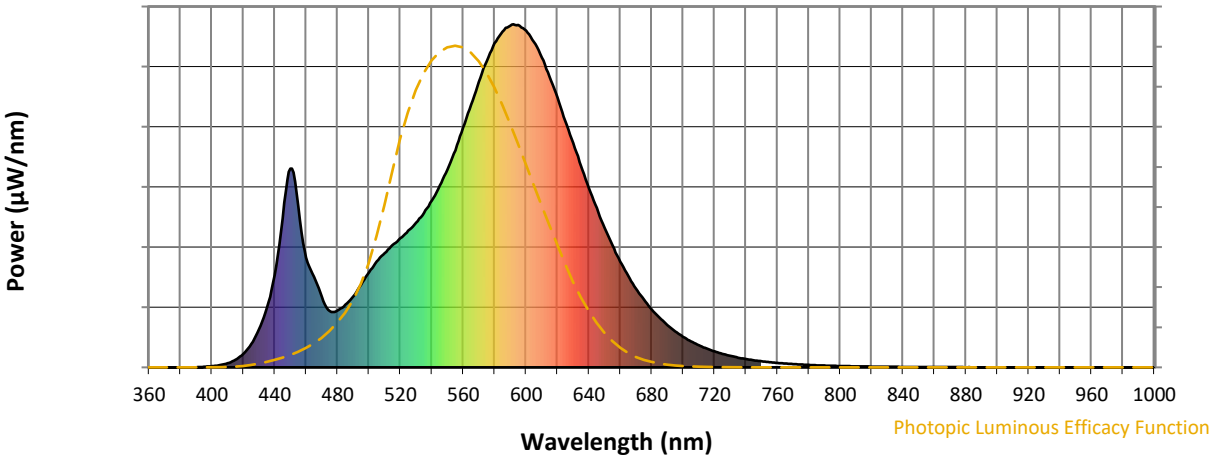


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

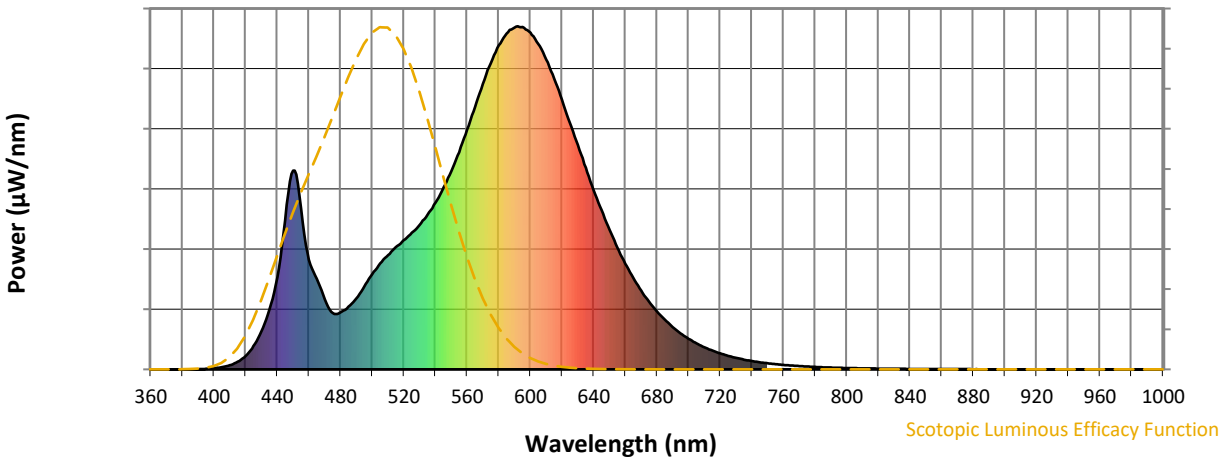


Photopic Lumens: NR

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-4

Scotopic Flux vs. Wavelength

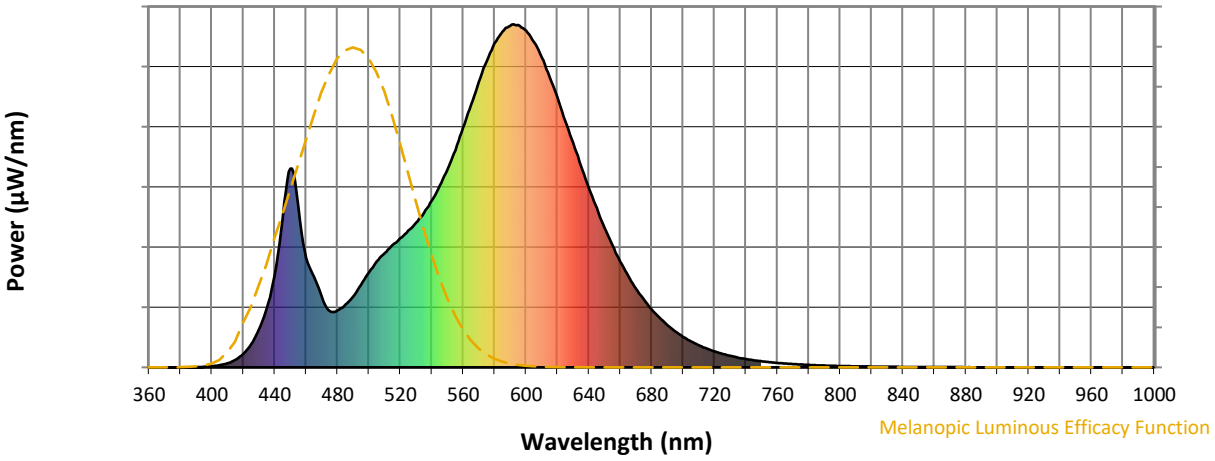


Scotopic Lumens: NR **S/P: 1.29**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.47**

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	207	NR	620	786	NR	750	18	NR	880	0	NR
365	0	NR	495	241	NR	625	718	NR	755	15	NR	885	0	NR
370	0	NR	500	277	NR	630	654	NR	760	13	NR	890	0	NR
375	0	NR	505	309	NR	635	588	NR	765	11	NR	895	0	NR
380	0	NR	510	333	NR	640	523	NR	770	10	NR	900	0	NR
385	0	NR	515	356	NR	645	465	NR	775	8	NR	905	0	NR
390	0	NR	520	376	NR	650	407	NR	780	7	NR	910	0	NR
395	2	NR	525	398	NR	655	356	NR	785	6	NR	915	0	NR
400	4	NR	530	422	NR	660	308	NR	790	5	NR	920	0	NR
405	6	NR	535	450	NR	665	267	NR	795	5	NR	925	0	NR
410	12	NR	540	486	NR	670	229	NR	800	4	NR	930	0	NR
415	22	NR	545	530	NR	675	197	NR	805	3	NR	935	0	NR
420	39	NR	550	577	NR	680	169	NR	810	3	NR	940	0	NR
425	68	NR	555	633	NR	685	145	NR	815	3	NR	945	0	NR
430	111	NR	560	700	NR	690	123	NR	820	2	NR	950	0	NR
435	175	NR	565	766	NR	695	105	NR	825	2	NR	955	0	NR
440	269	NR	570	832	NR	700	89	NR	830	2	NR	960	0	NR
445	434	NR	575	893	NR	705	76	NR	835	2	NR	965	0	NR
450	579	NR	580	945	NR	710	64	NR	840	1	NR	970	0	NR
455	468	NR	585	979	NR	715	55	NR	845	1	NR	975	0	NR
460	320	NR	590	996	NR	720	47	NR	850	1	NR	980	0	NR
465	264	NR	595	998	NR	725	40	NR	855	1	NR	985	0	NR
470	204	NR	600	981	NR	730	33	NR	860	1	NR	990	0	NR
475	164	NR	605	949	NR	735	28	NR	865	1	NR	995	0	NR
480	166	NR	610	903	NR	740	24	NR	870	1	NR	1000	0	NR
485	183	NR	615	847	NR	745	21	NR	875	1	NR			

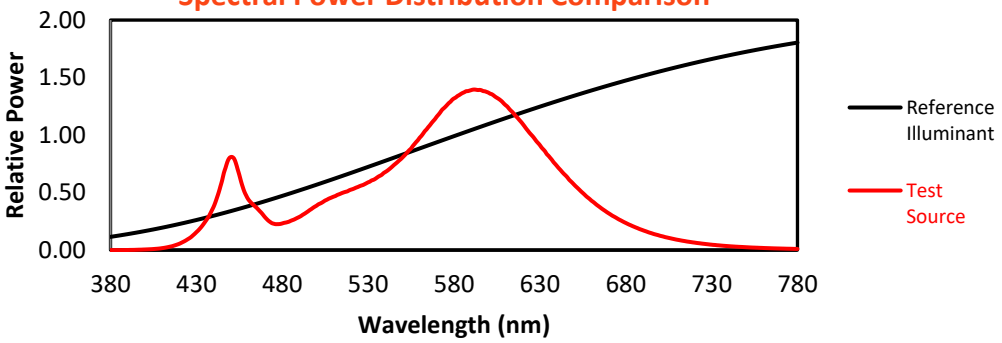
REPORT NUMBER: SP1-2501-332-4

TM-30-18

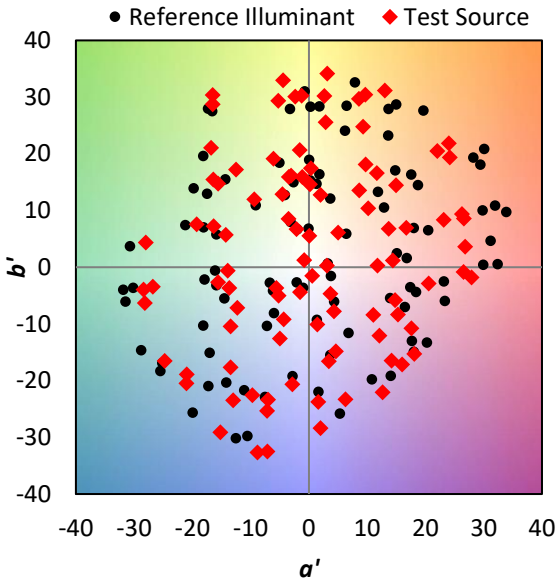
Summary

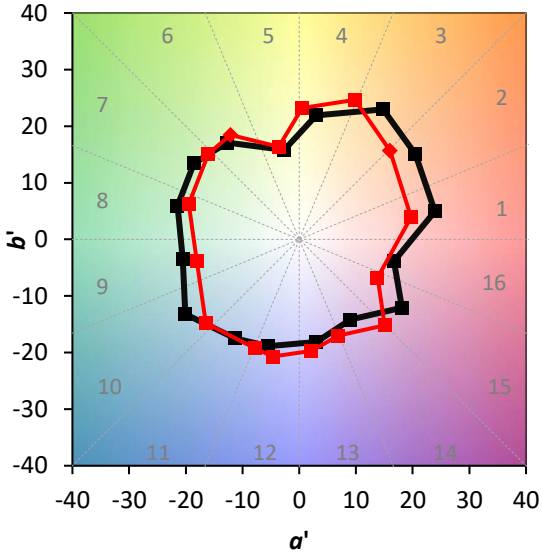
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

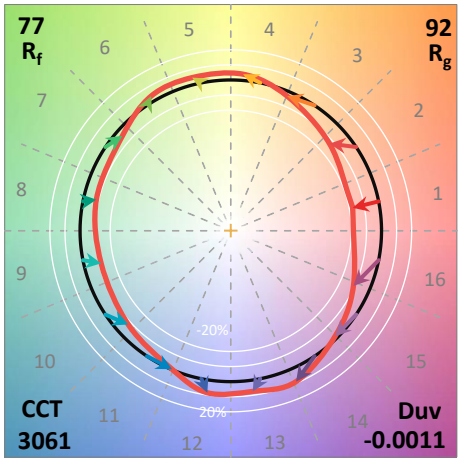
Spectral Power Distribution Comparison

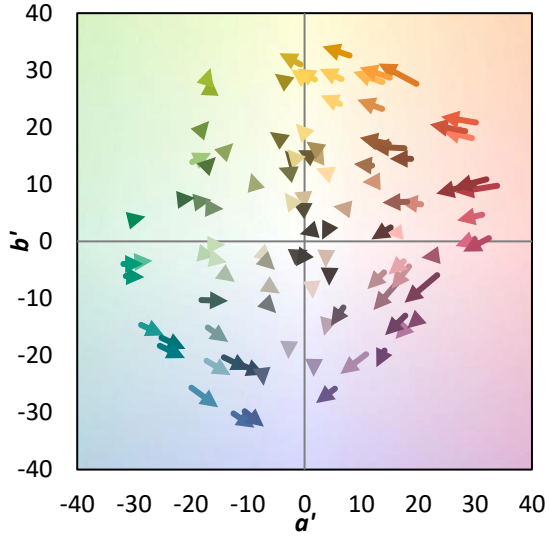


Color Vector Graphics







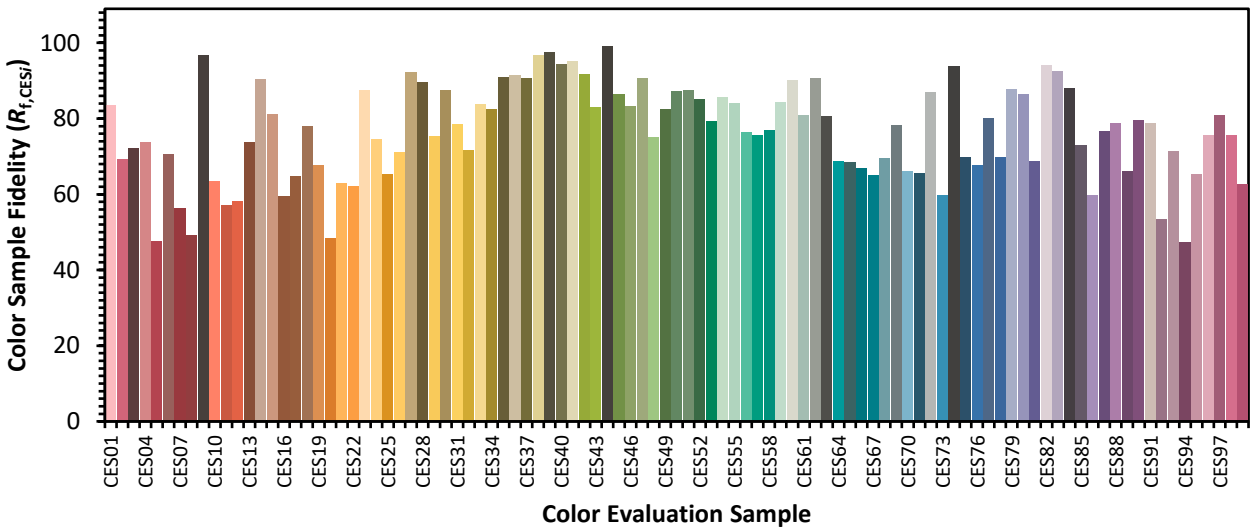


REPORT NUMBER: SP1-2501-332-4

TM-30-18

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

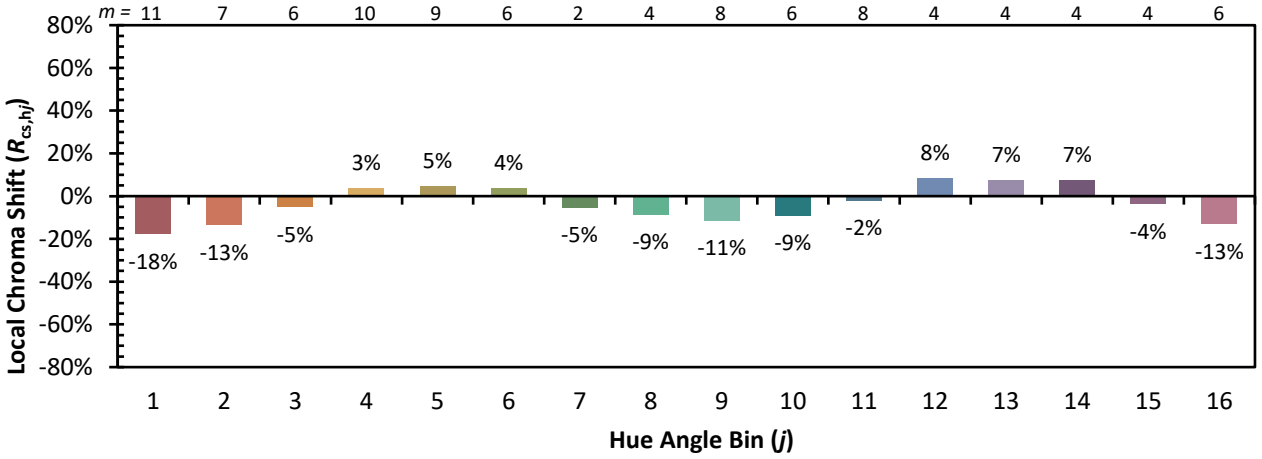
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 94
CES08 = 40	CES33 = 84	CES58 = 77	CES83 = 92
CES09 = 29	CES34 = 83	CES59 = 84	CES84 = 88
CES10 = 76	CES35 = 91	CES60 = 90	CES85 = 73
CES11 = 59	CES36 = 92	CES61 = 81	CES86 = 60
CES12 = 65	CES37 = 91	CES62 = 91	CES87 = 77
CES13 = 43	CES38 = 97	CES63 = 81	CES88 = 79
CES14 = 74	CES39 = 98	CES64 = 69	CES89 = 66
CES15 = 71	CES40 = 94	CES65 = 69	CES90 = 80
CES16 = 47	CES41 = 95	CES66 = 67	CES91 = 79
CES17 = 50	CES42 = 92	CES67 = 65	CES92 = 53
CES18 = 56	CES43 = 83	CES68 = 70	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 78	CES94 = 47
CES20 = 66	CES45 = 87	CES70 = 66	CES95 = 65
CES21 = 87	CES46 = 83	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 91	CES72 = 87	CES97 = 81
CES23 = 92	CES48 = 75	CES73 = 60	CES98 = 76
CES24 = 91	CES49 = 83	CES74 = 94	CES99 = 63
CES25 = 73	CES50 = 87	CES75 = 70	

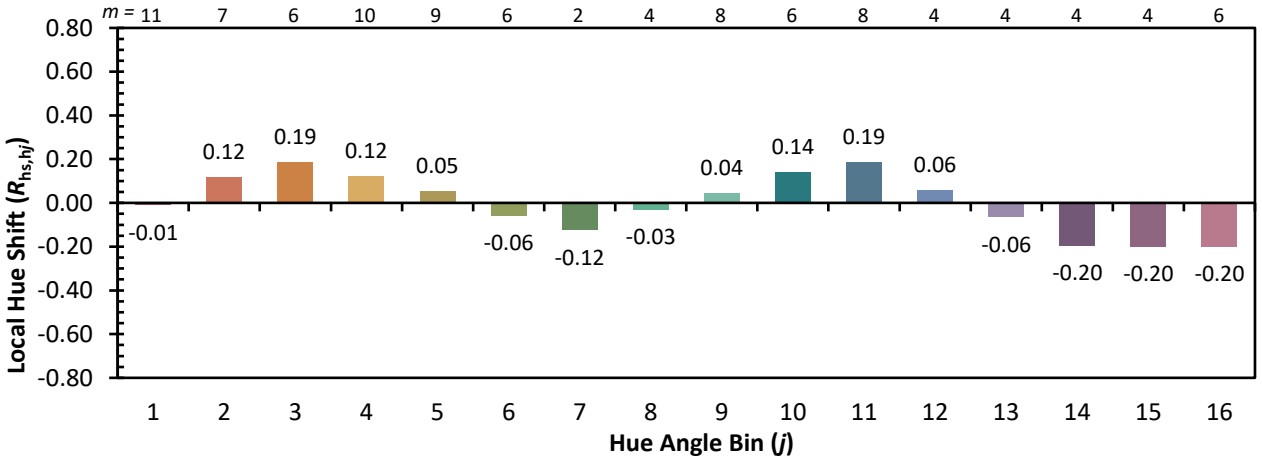


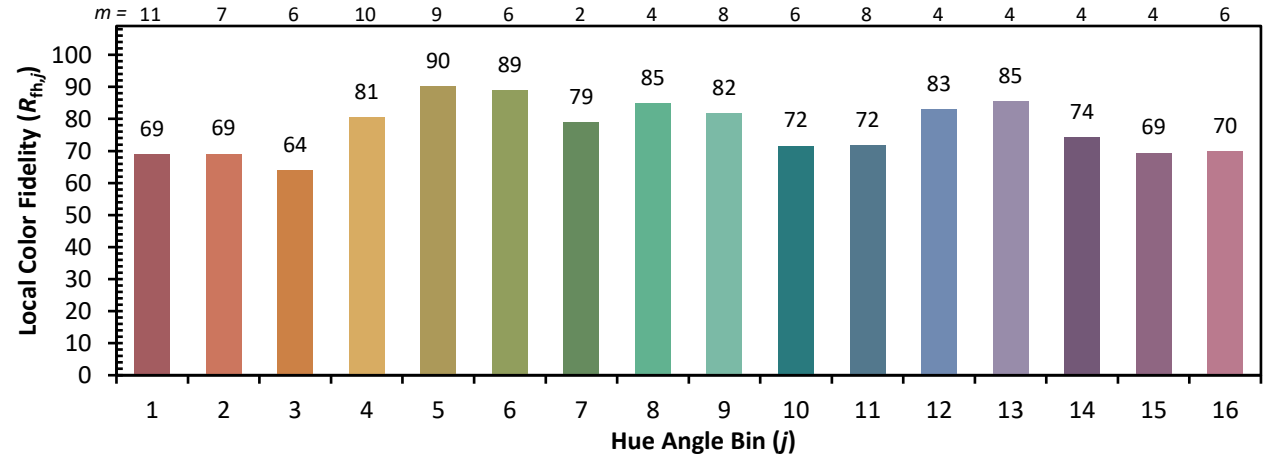
REPORT NUMBER: SP1-2501-332-4

TM-30-18

Color Rendition by Hue-Angle Bin



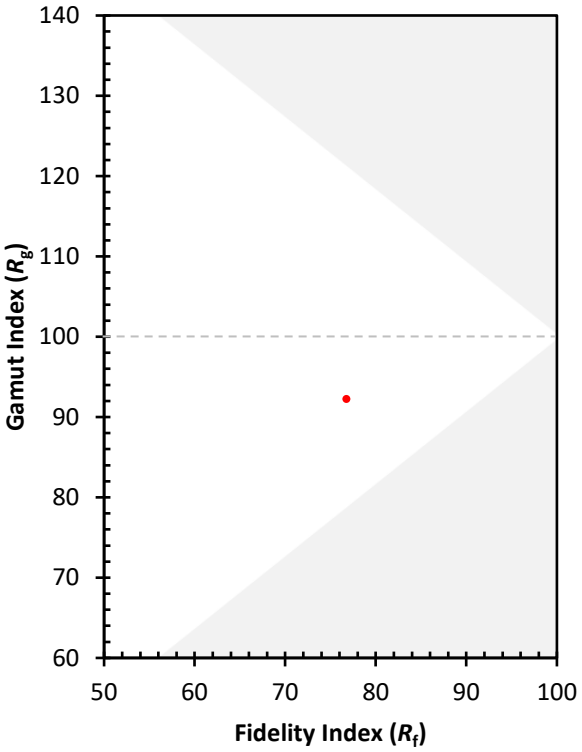


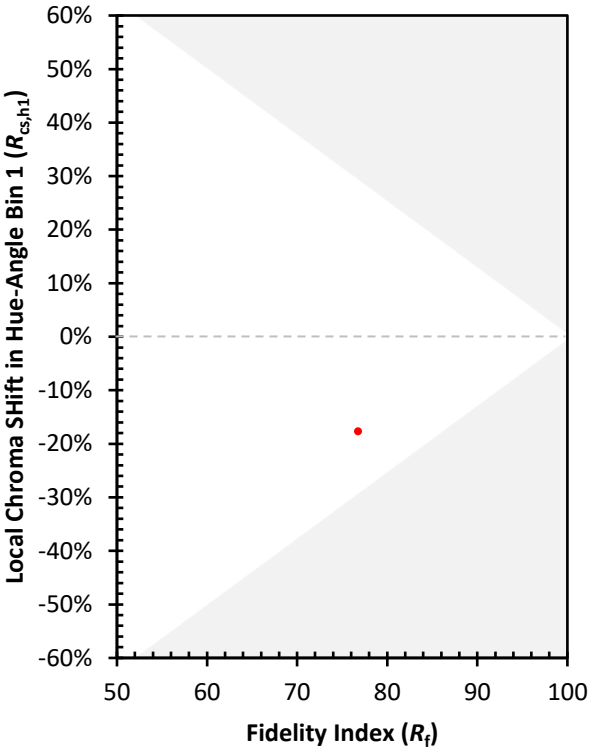


REPORT NUMBER: SP1-2501-332-4

TM-30-18

Measure Comparisons





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