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: P981071

Luminaire Tested: **FFX-CLB-30-730-U-FR-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:	P981071
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
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4938.7 lumens
Efficiency:	N/A
Efficacy:	161.4 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U4 - 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

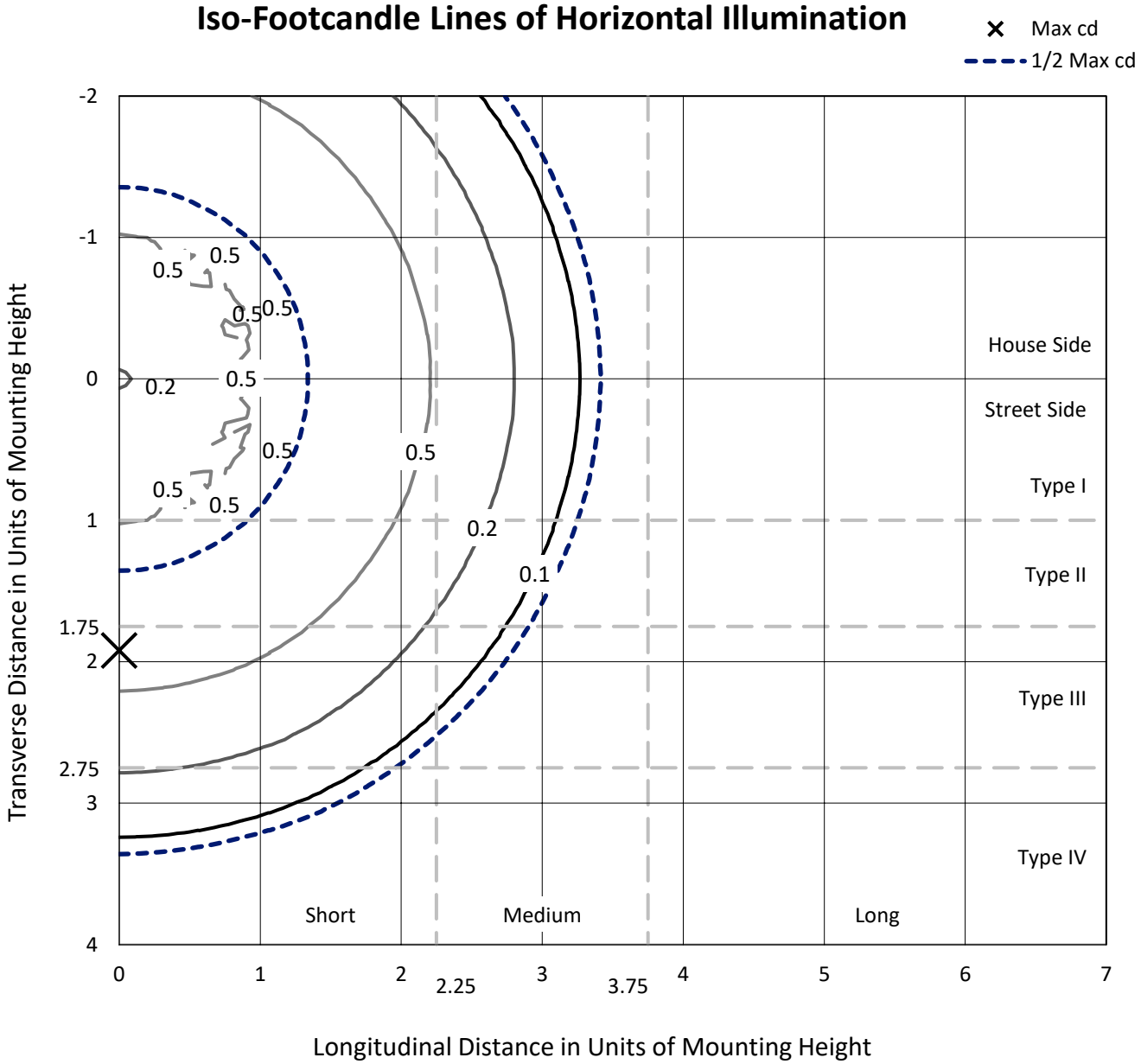


Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P981071
CATALOG NUMBER: FFX-CLB-30-730-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



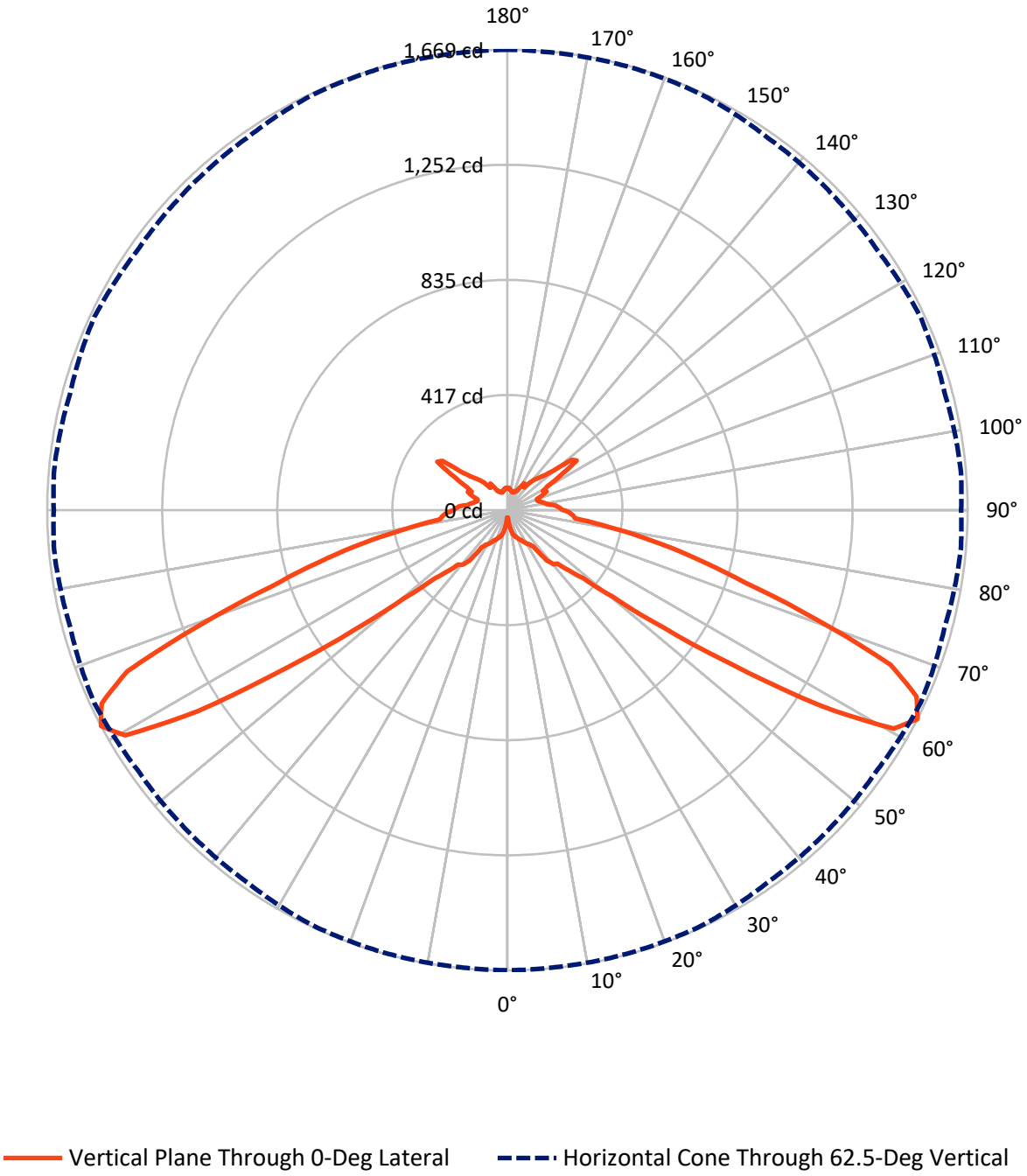
Based on 15 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P981071
CATALOG NUMBER: FFX-CLB-30-730-U-FR-T5

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

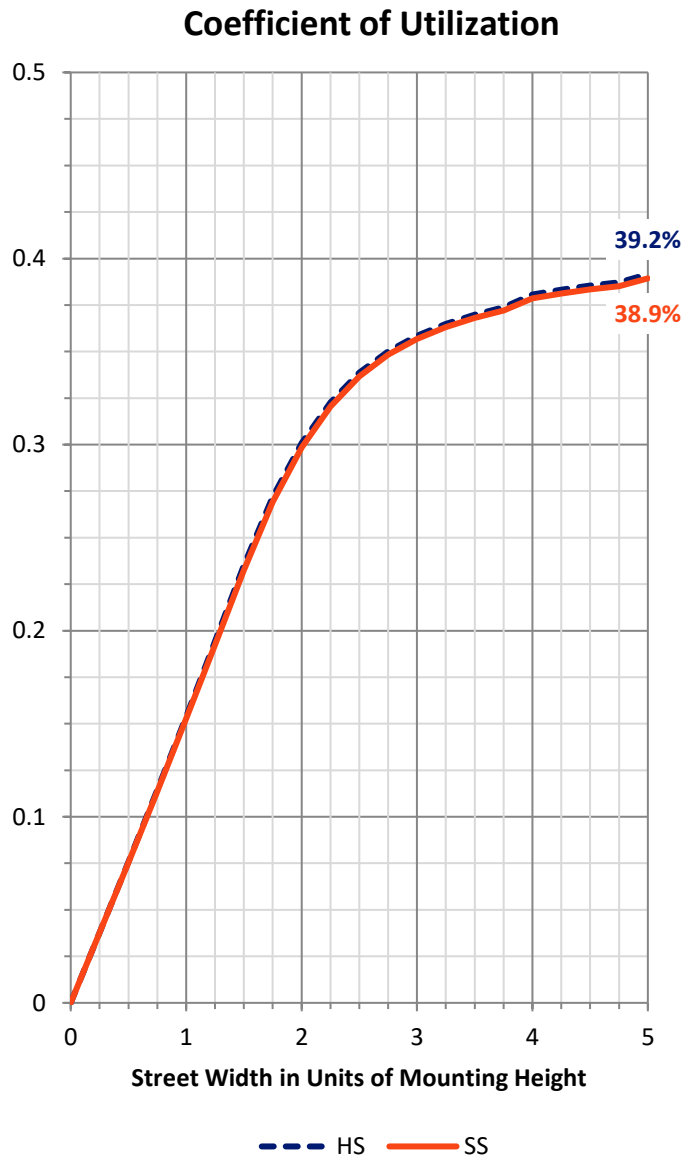
REPORT NUMBER: P981071
CATALOG NUMBER: FFX-CLB-30-730-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2000.0	469.3	2469.4
	% Fixture	40.5	9.5	50.0
Street Side	Lumens	2000.0	469.3	2469.4
	% Fixture	40.5	9.5	50.0
Total	Lumens	4000.1	938.7	4938.7
	% Fixture	81.0	19.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.1	0.1
10°-20°	27.4	0.6
20°-30°	58.4	1.2
30°-40°	118.0	2.4
40°-50°	263.5	5.3
50°-60°	929.5	18.8
60°-70°	1521.2	30.8
70°-80°	782.6	15.8
80°-90°	294.4	6.0
90°-100°	189.5	3.8
100°-110°	126.4	2.6
110°-120°	135.7	2.7
120°-130°	222.1	4.5
130°-140°	132.9	2.7
140°-150°	69.1	1.4
150°-160°	36.1	0.7
160°-170°	19.5	0.4
170°-180°	7.3	0.1
0°-90°	4000.1	81.0
0°-180°	4938.7	100.0



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

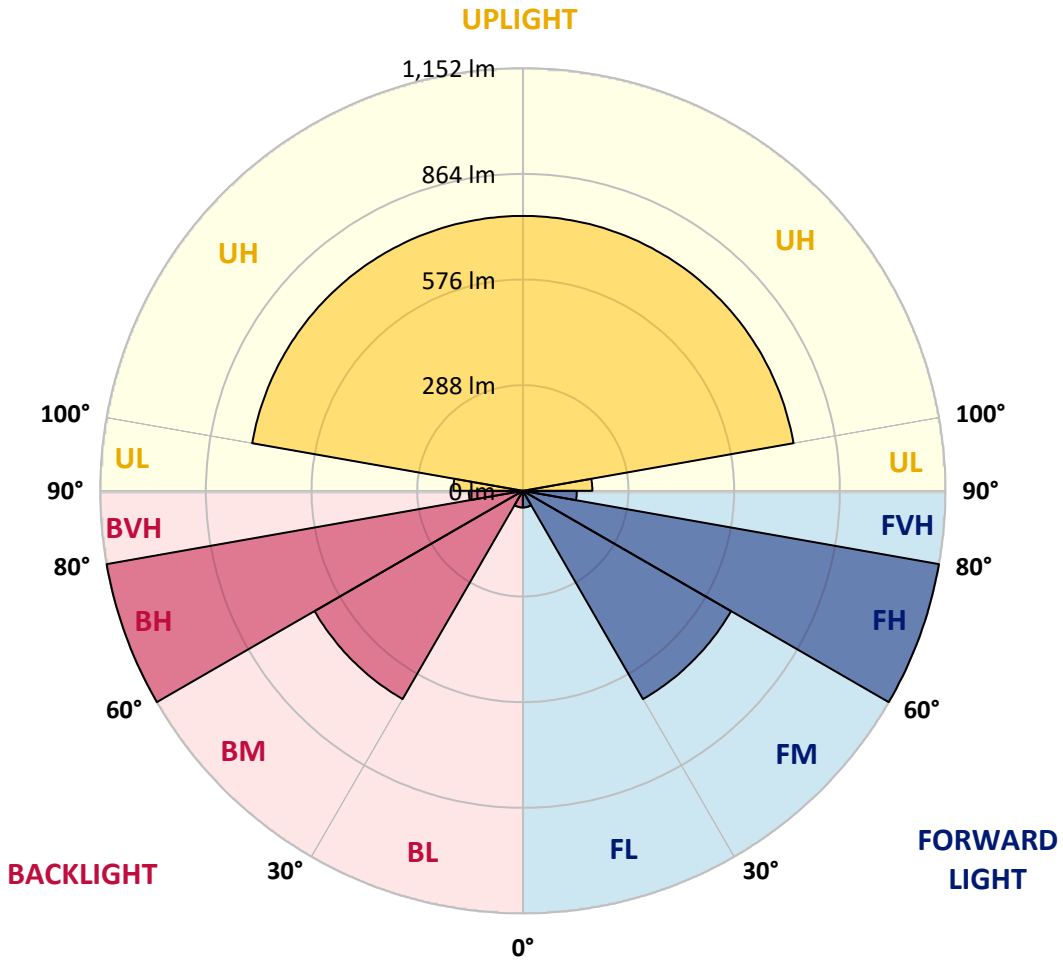
Scaled Data Report

REPORT NUMBER: P981071
CATALOG NUMBER: FFX-CLB-30-730-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	45.4	0.9			
FM	(30°-60°)	655.5	13.3			
FH	(60°-80°)	1151.9	23.3			G1/1800
FVH	(80°-90°)	147.2	3.0			G2/225
BL	(0°-30°)	45.4	0.9	B0/110		
BM	(30°-60°)	655.5	13.3	B1/1000		
BH	(60°-80°)	1151.9	23.3	B3/2500		G1/1800
BVH	(80°-90°)	147.2	3.0			G2/225
UL	(90°-100°)	189.5	3.8		U3/500	
UH	(100°-180°)	749.2	15.2		U4/1000	

BUG Rating: B3-U4-G2
Type V Short



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P981071
CATALOG NUMBER: FFX-CLB-30-730-U-FR-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
2.5°	28.1	28.5	29.4	30.0	30.3	29.7	30.0	30.7	30.7	31.0	31.0
5°	41.7	42.0	41.7	41.4	41.1	41.7	42.0	41.7	40.8	41.1	40.8
7.5°	61.6	61.6	59.1	58.5	57.9	60.7	62.3	61.6	58.5	55.6	55.0
10°	75.9	75.6	73.3	70.5	70.2	72.1	76.2	77.1	72.1	68.6	68.0
12.5°	90.1	87.9	86.6	83.8	84.1	85.4	88.2	88.5	85.0	82.2	80.3
15°	98.6	98.9	98.9	97.4	96.7	98.0	99.3	100.2	97.7	95.5	94.2
17.5°	102.4	102.7	103.7	104.6	104.6	104.0	104.0	104.3	104.3	104.3	104.0
20°	110.3	110.6	110.3	111.0	111.9	111.3	110.3	110.6	110.3	110.6	110.3
22.5°	116.7	116.3	116.3	117.3	117.9	117.6	116.7	117.0	116.3	116.7	116.7
25°	123.3	123.6	124.2	124.6	124.9	124.9	124.6	125.2	124.9	124.2	124.2
27.5°	132.5	132.5	132.5	132.5	133.7	133.7	133.1	133.4	132.5	131.8	131.5
30°	141.3	141.6	141.0	141.6	142.9	142.3	141.9	142.6	141.3	141.0	141.0
32.5°	149.5	149.5	149.2	151.1	151.4	150.8	151.7	152.4	153.0	152.7	154.3
35°	163.4	164.1	169.4	174.2	175.8	175.5	176.7	177.3	176.1	176.1	175.1
37.5°	230.8	230.5	222.9	215.6	219.1	223.5	219.1	217.8	215.3	214.0	213.4
40°	257.6	257.6	250.7	251.3	248.8	249.1	250.7	255.7	252.9	247.8	248.2
42.5°	265.9	268.4	276.6	291.5	286.1	277.6	267.4	270.9	278.2	282.6	283.6
45°	312.7	316.1	316.8	316.1	313.6	317.1	314.5	316.4	317.4	323.1	325.6
47.5°	367.7	366.4	366.7	374.6	371.8	374.0	378.7	378.1	382.2	381.6	383.8
50°	492.8	496.3	491.3	501.4	503.9	500.1	518.5	518.5	520.3	512.1	513.1
52.5°	708.4	700.2	700.2	702.8	703.4	715.1	728.0	727.7	732.5	728.0	737.8
55°	986.0	984.1	988.2	1017.6	1020.8	1010.7	1013.5	1000.6	1042.3	1031.5	1039.4
57.5°	1339.1	1343.9	1338.5	1338.8	1336.3	1333.4	1349.2	1322.4	1342.6	1319.8	1320.5
60°	1609.4	1603.1	1585.4	1550.6	1547.8	1558.2	1575.9	1576.9	1556.6	1544.0	1533.2
62.5°	1669.2	1667.0	1666.3	1663.5	1647.4	1642.9	1639.5	1653.7	1641.7	1650.8	1645.5
65°	1630.9	1621.4	1630.0	1643.6	1633.1	1612.6	1594.9	1619.5	1611.6	1645.8	1628.1
67.5°	1498.5	1489.6	1486.1	1513.0	1500.0	1467.5	1455.5	1461.2	1452.0	1489.6	1482.6
70°	1189.3	1189.6	1196.6	1231.3	1218.4	1194.3	1179.8	1183.6	1192.8	1224.4	1215.5
72.5°	902.2	900.3	908.6	917.4	918.0	916.1	912.4	915.2	920.6	938.0	942.4
75°	711.9	711.3	698.0	702.8	700.9	709.4	722.0	720.1	723.0	709.7	705.9
77.5°	538.7	539.3	534.3	532.0	530.1	544.1	564.3	565.2	551.6	541.8	537.7
80°	372.7	375.2	390.4	390.7	393.6	393.6	409.7	407.8	403.1	402.7	402.7
82.5°	247.2	251.6	267.1	284.8	287.7	284.2	293.1	295.6	301.6	306.0	307.3
85°	237.7	245.6	240.6	248.2	248.5	250.7	254.2	255.4	254.8	255.7	253.9
87.5°	222.6	232.4	231.1	236.1	237.4	240.9	244.7	246.3	243.1	240.6	239.9
90°	197.6	206.7	211.2	215.3	216.5	215.6	218.1	218.8	218.4	215.6	215.0
92.5°	187.1	190.6	193.2	196.3	200.1	197.9	199.5	197.9	200.4	199.8	200.4
95°	173.9	175.1	173.6	175.5	176.1	173.9	173.6	173.6	172.3	170.7	171.3
97.5°	147.0	149.2	148.6	148.6	148.9	147.9	148.3	147.9	148.6	147.6	147.3
100°	137.2	137.2	136.6	136.3	135.9	135.0	134.7	133.7	133.7	132.8	132.1
102.5°	127.1	128.0	127.1	126.8	126.8	125.2	125.5	125.5	124.9	124.6	123.0
105°	119.8	119.5	118.9	117.6	116.3	116.3	117.0	116.7	115.7	115.4	114.1
107.5°	113.2	112.5	111.6	109.7	109.1	109.4	110.3	110.6	110.3	109.1	108.1
110°	114.4	113.5	111.9	111.3	112.2	112.9	113.2	113.8	115.7	116.3	115.1

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P981071
CATALOG NUMBER: FFX-CLB-30-730-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*137.8*	136.3	135.3	131.2	134.4	135.0	134.4	134.7	135.6	134.4	135.0
115°	*157.4*	159.0	159.3	146.7	147.0	145.1	143.2	142.6	139.7	141.9	149.2
117.5°	*145.4*	150.5	139.4	133.7	130.2	129.0	132.1	132.8	129.9	133.4	143.8
120°	*166.9*	169.1	146.4	135.3	135.0	140.4	148.9	151.4	148.3	154.9	166.9
122.5°	*226.7*	225.1	222.9	224.8	219.7	219.4	226.3	225.4	216.9	217.8	220.7
125°	*308.9*	308.2	304.1	300.0	296.5	298.4	295.6	292.1	285.8	284.8	284.8
127.5°	*295.6*	295.6	292.7	290.5	287.0	287.4	287.0	280.7	278.2	278.5	278.5
130°	*217.5*	217.8	226.7	234.6	232.4	233.3	227.6	225.7	233.9	241.5	241.5
132.5°	*184.3*	184.9	194.7	200.7	197.6	191.3	185.3	185.9	190.9	198.5	198.2
135°	*164.7*	166.0	166.6	166.0	164.1	162.5	162.2	163.8	165.0	170.4	171.7
137.5°	*149.2*	148.3	145.1	142.3	140.0	144.2	146.7	146.1	144.8	143.8	144.5
140°	*131.2*	129.9	125.5	124.9	126.1	128.0	128.7	129.3	129.6	129.0	128.7
142.5°	*102.4*	103.4	107.5	112.5	112.9	109.7	110.0	110.0	111.3	112.9	112.2
145°	*102.7*	103.4	105.0	108.7	108.7	106.2	105.3	106.2	109.1	112.2	112.2
147.5°	*114.4*	113.5	111.3	110.3	109.4	109.1	109.1	106.9	107.2	107.2	107.2
150°	*97.4*	97.1	95.8	95.2	94.8	94.5	96.1	95.8	96.4	95.8	95.5
152.5°	*80.3*	80.0	78.7	77.8	78.1	80.0	82.5	83.5	82.8	81.6	80.9
155°	*76.2*	76.5	74.6	74.0	74.3	75.2	75.9	75.9	74.6	73.0	73.0
157.5°	*72.1*	72.4	71.4	70.8	71.1	71.8	72.7	73.0	72.1	70.8	70.5
160°	*68.9*	68.6	68.3	68.3	68.3	68.3	68.6	68.9	68.6	68.3	68.0
162.5°	*67.3*	67.3	67.3	67.3	67.7	67.3	67.3	67.3	67.3	67.3	67.3
165°	*67.0*	67.0	67.3	68.0	68.3	68.0	68.0	68.0	68.3	68.9	68.9
167.5°	*69.9*	69.5	70.5	70.8	71.1	70.8	70.5	70.2	70.5	71.1	71.1
170°	*73.0*	73.3	73.3	73.7	73.7	73.3	73.0	73.3	73.0	73.3	73.3
172.5°	*76.2*	76.2	76.2	75.9	75.9	75.9	75.9	75.9	75.9	75.6	75.6
175°	*78.7*	78.7	78.7	78.7	78.4	78.7	79.0	79.0	78.7	78.7	78.1
177.5°	*80.9*	80.9	80.9	80.9	80.9	80.9	80.9	80.6	80.6	80.6	80.3
180°	*81.2*	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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

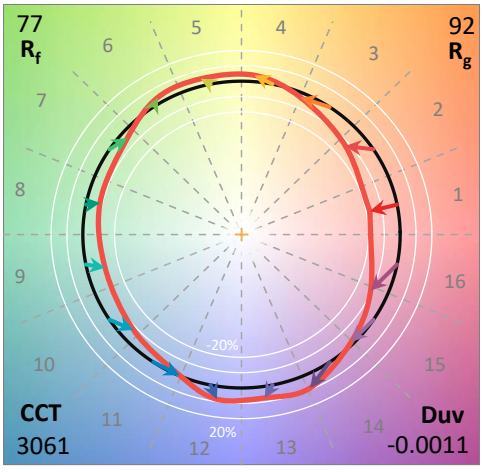
Test Information

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

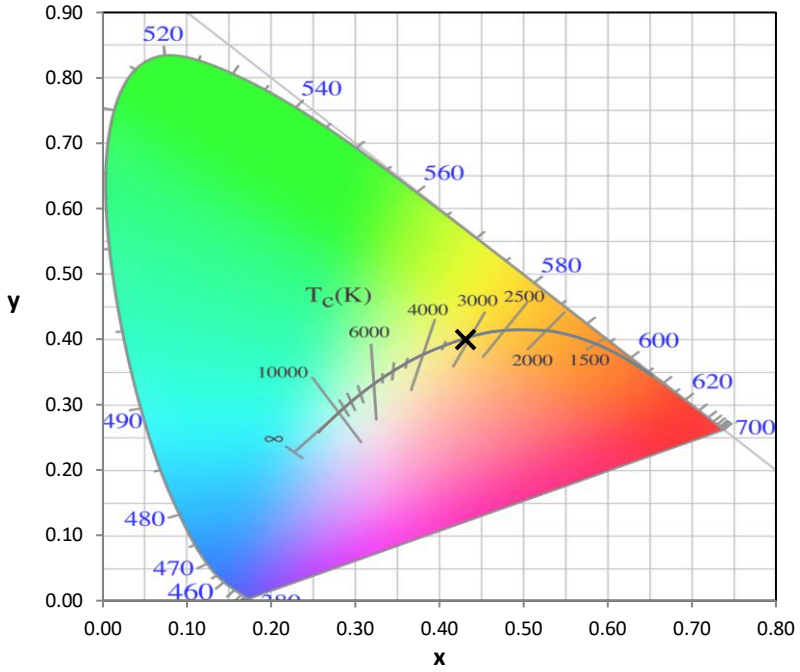
Stabilization Time:	56M
Operation Time:	1H 56M
Sphere Temperature (°C):	24.8

REPORT NUMBER: SP1-2501-332-4

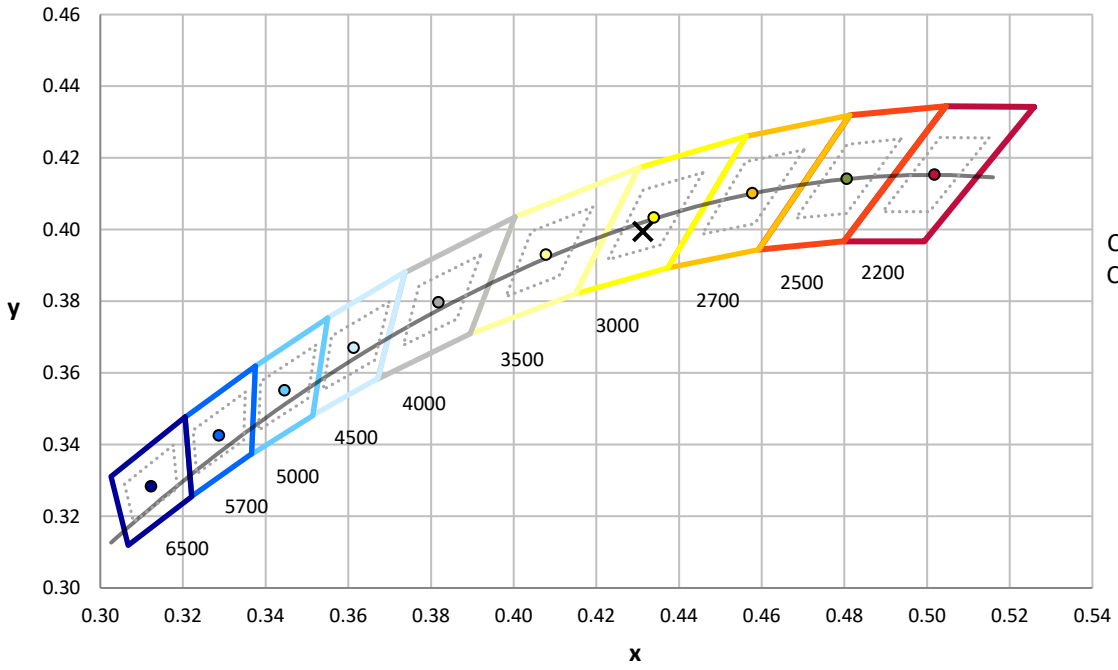
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

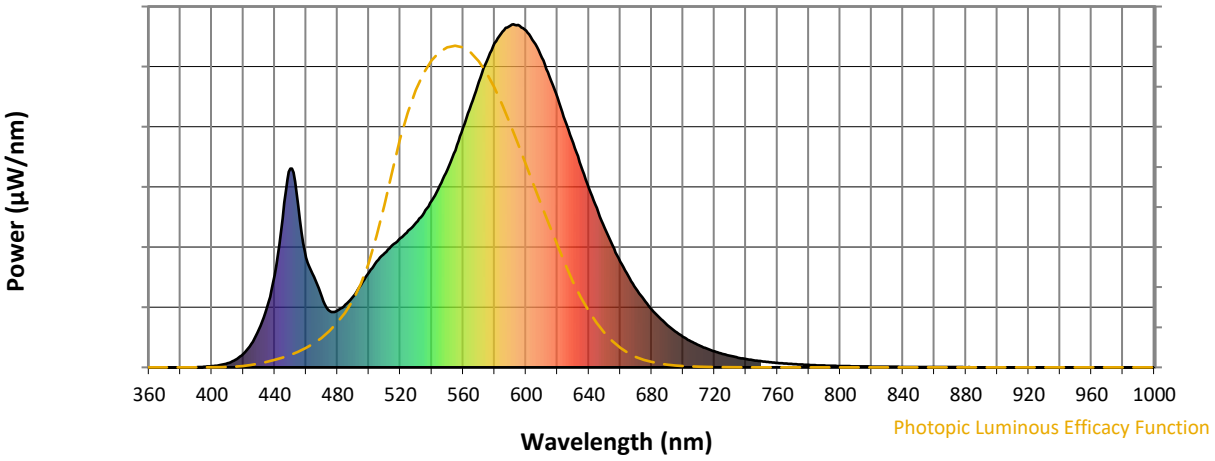


CCT = 3061K
CIE x = 0.4312
CIE y = 0.3995
Duv = -0.0011

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-4

Photopic Flux vs. Wavelength

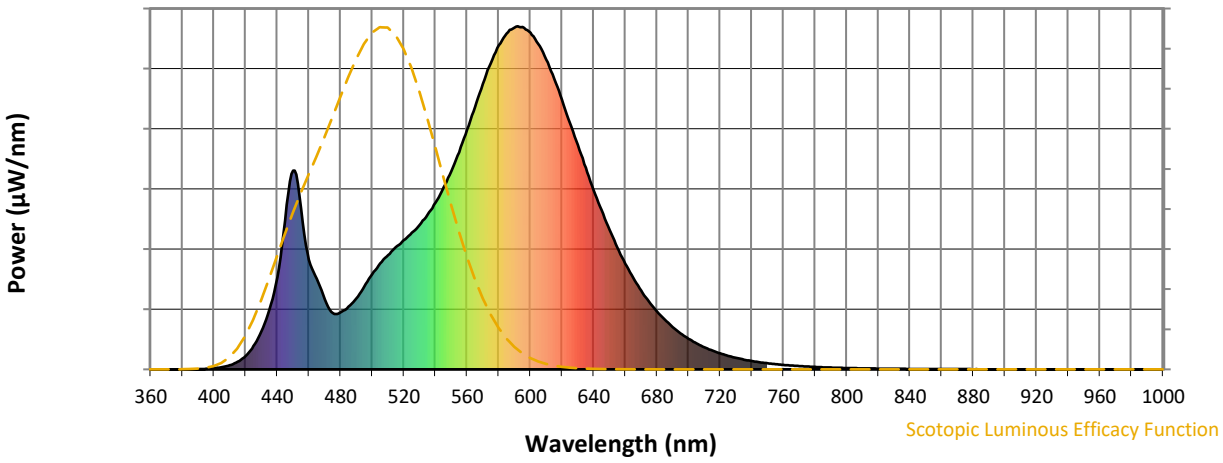


Photopic Lumens: NR

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

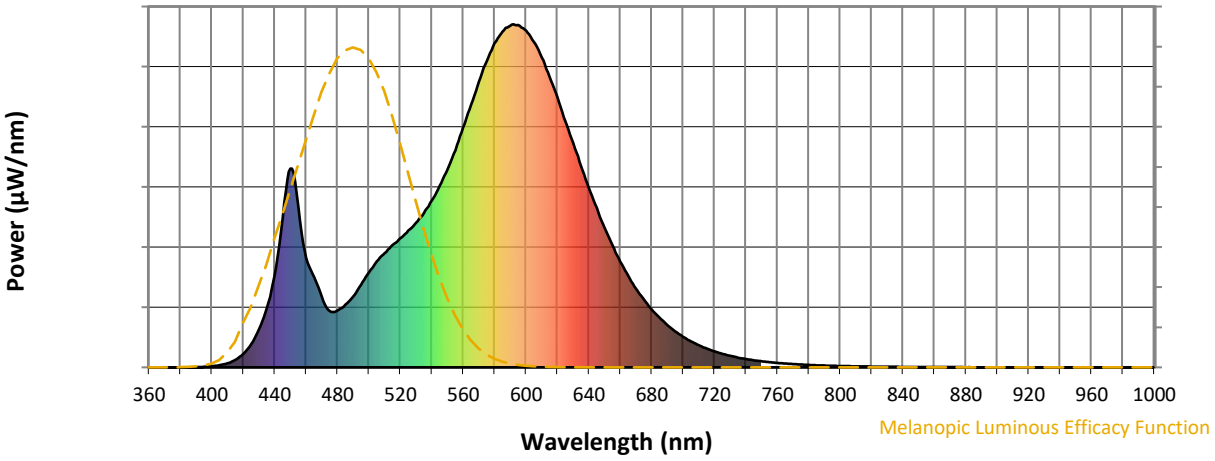


Scotopic Lumens: NR **S/P: 1.29**

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			

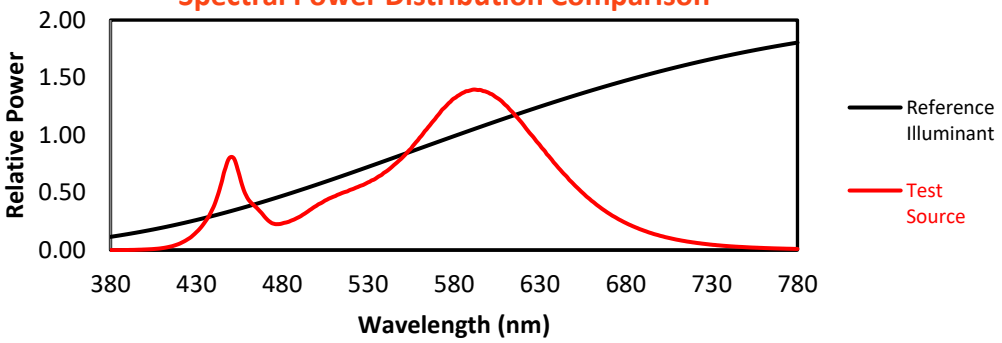
REPORT NUMBER: SP1-2501-332-4

TM-30-18

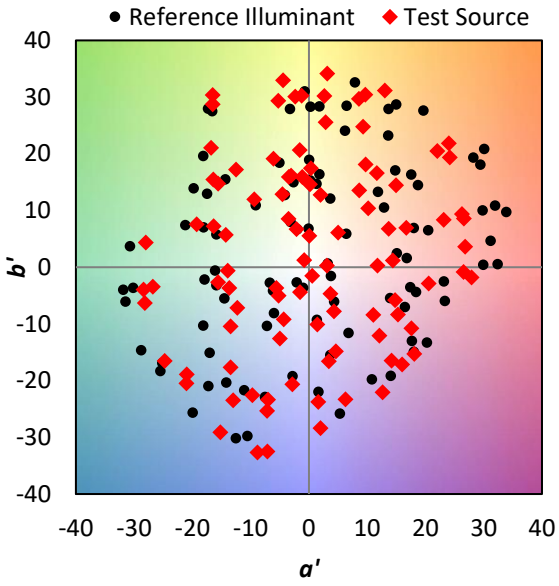
Summary

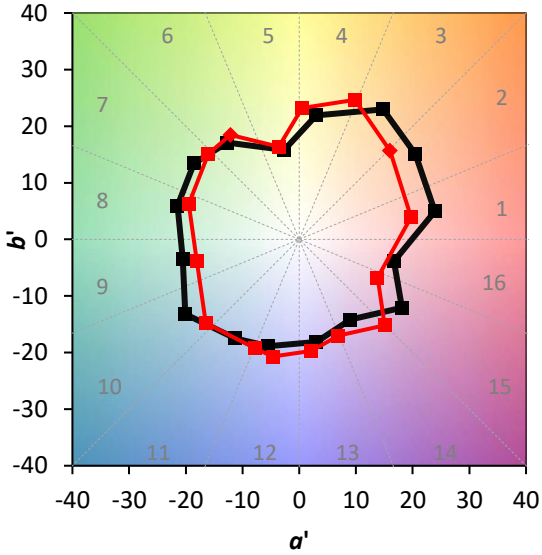
R_f = 76.8
R_g = 92.2
CIE R_a = 71.7
R_9 = -40.3

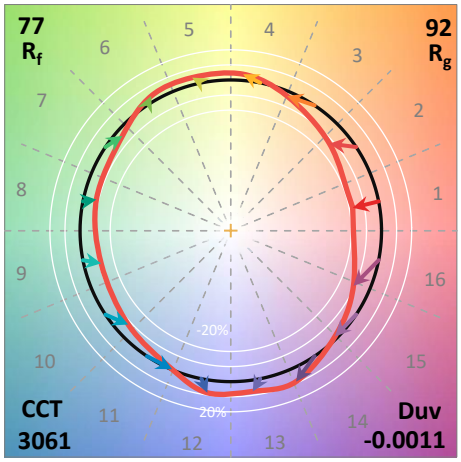
Spectral Power Distribution Comparison

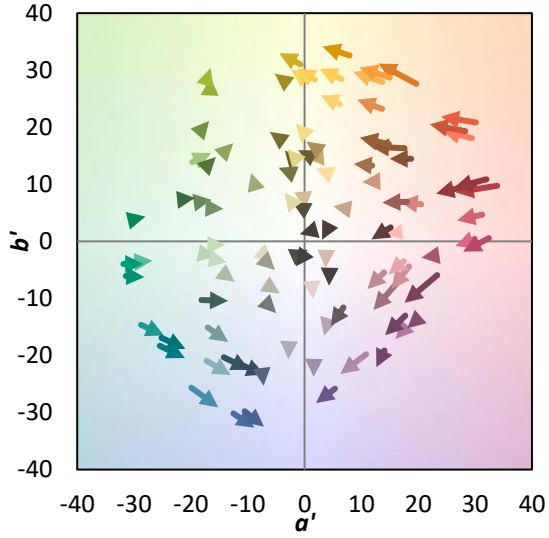


Color Vector Graphics







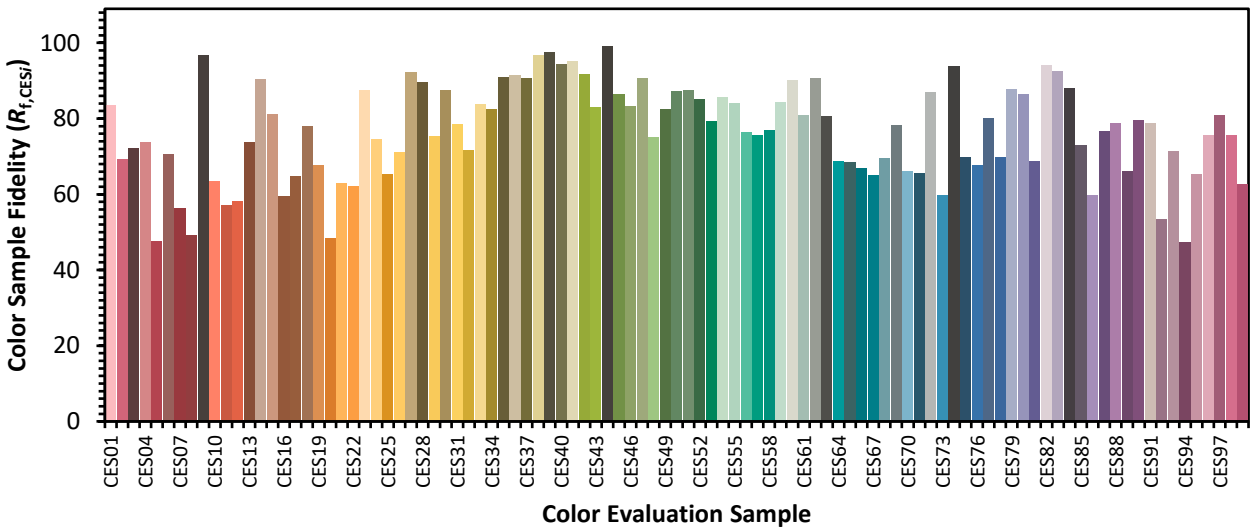


REPORT NUMBER: SP1-2501-332-4

TM-30-18

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

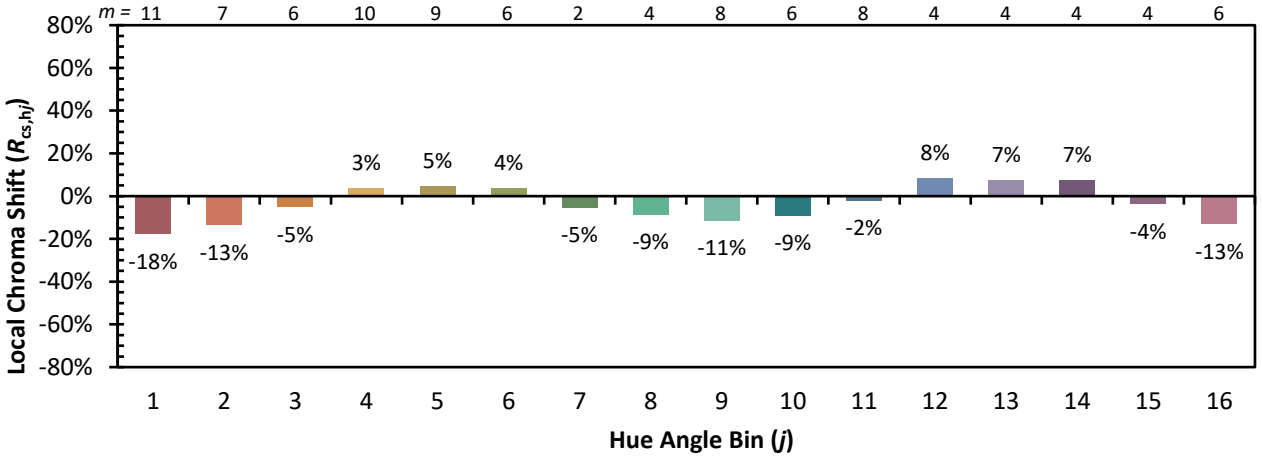
CES01 = 86	CES26 = 71	CES51 = 88	CES76 = 68
CES02 = 62	CES27 = 92	CES52 = 85	CES77 = 80
CES03 = 31	CES28 = 90	CES53 = 79	CES78 = 70
CES04 = 71	CES29 = 75	CES54 = 86	CES79 = 88
CES05 = 49	CES30 = 87	CES55 = 84	CES80 = 87
CES06 = 51	CES31 = 79	CES56 = 76	CES81 = 69
CES07 = 41	CES32 = 72	CES57 = 76	CES82 = 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	

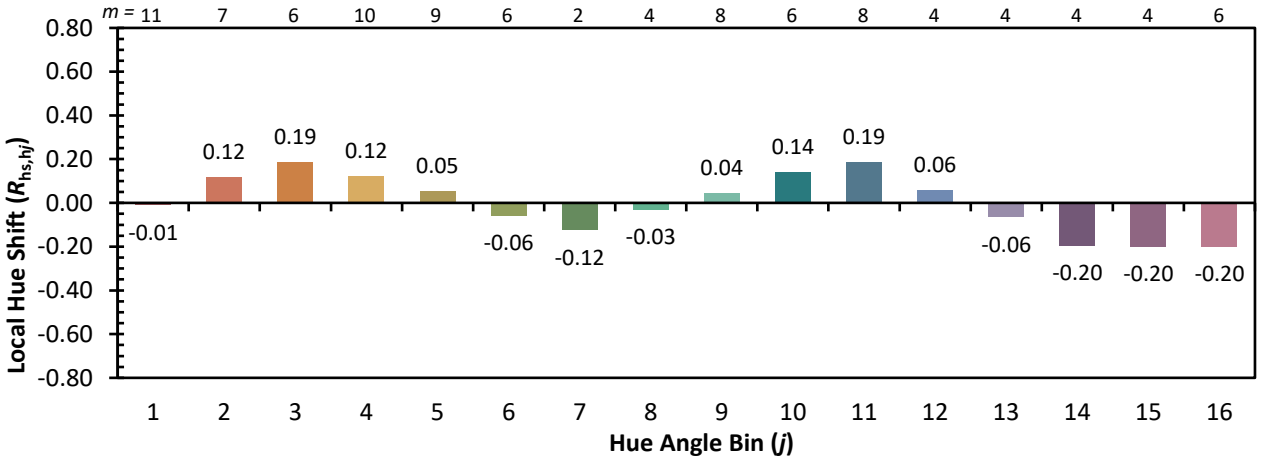


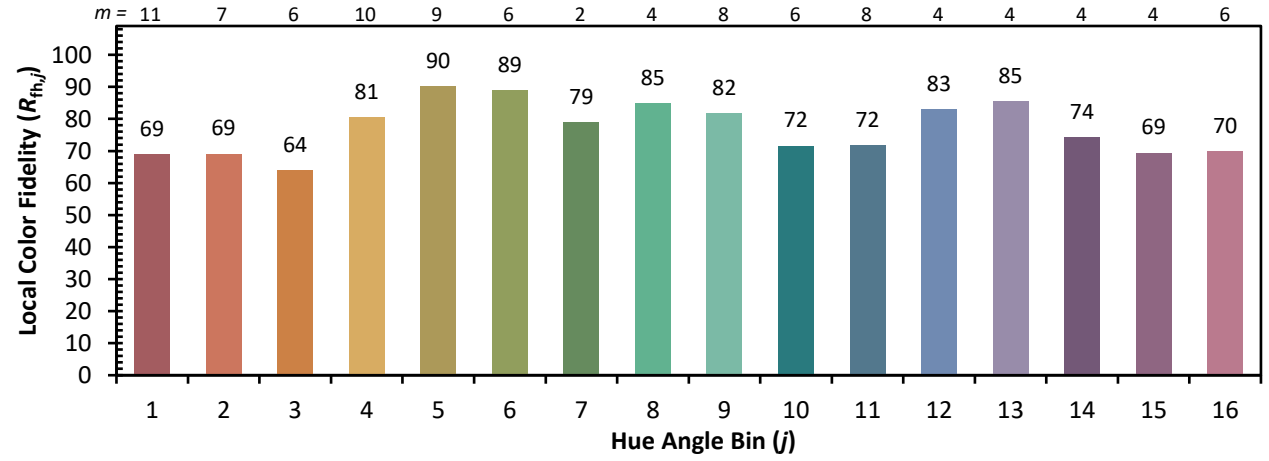
REPORT NUMBER: SP1-2501-332-4

TM-30-18

Color Rendition by Hue-Angle Bin



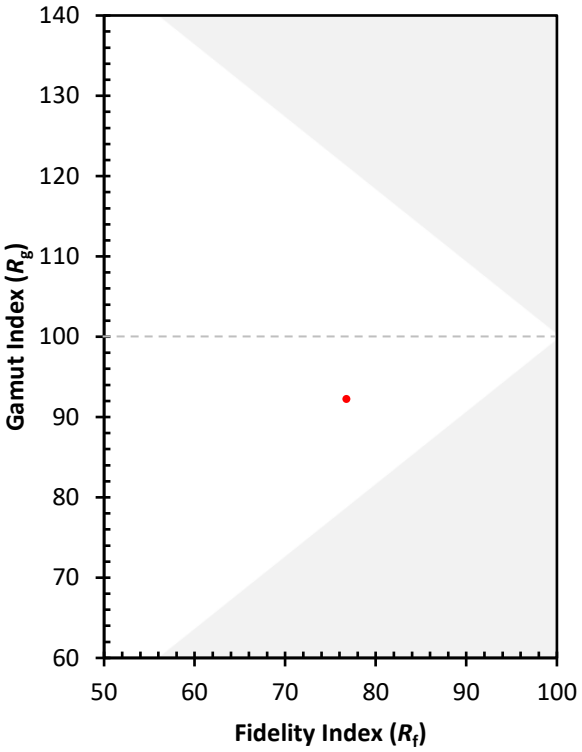


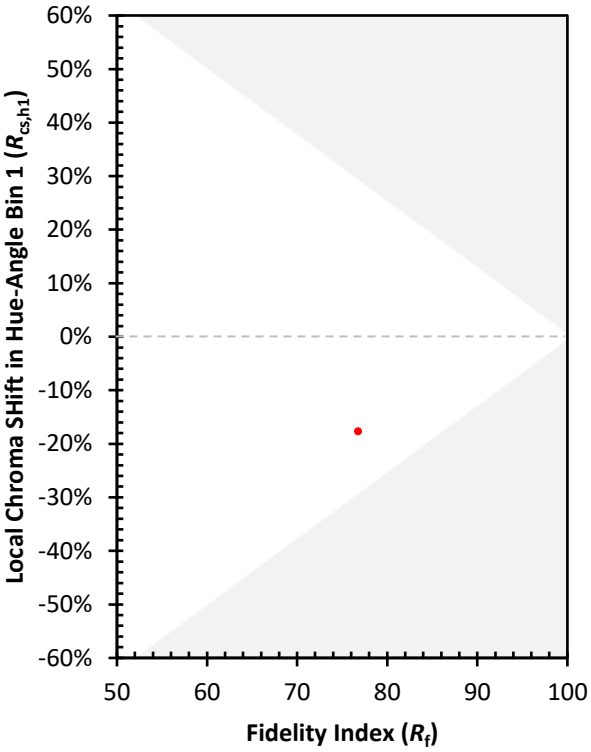


REPORT NUMBER: SP1-2501-332-4

TM-30-18

Measure Comparisons





(END OF REPORT)