

Signify Classified - Internal
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: G2-2501-332-19

Luminaire Tested: **FFX-CLB-AMB-U-FR-T3-UPLR-HSS**

Test Date: 2025-08-14

Test Information

Test Method: LM-79-08
Report Number: G2-2501-332-19
Test Lab: Cooper Lighting Solutions
Test Date: 2025-08-14
Issue Date: 8/14/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-AMB-U-FR-T3-UPLR-HSS
Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR AMBER T3, Uplight reflector and HOUSE SIDE SHIELD
Light Source: -
38001023B
Ballast/Driver: ADVANCE @Current 0.8
XI095C275V054BSS1

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 723.2 lumens
Efficiency: N/A
Efficacy: 25.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.15' x H: 1.58')
IES Classification: Type III - Short
BUG Rating: B0 - U3 - G1

Input Watts (W): 28.5
Input Voltage (V): 120.0
Input Current (Ain): 0.240
Voltage Rise (V): NR
Power Factor: 0.9907
Total Harmonic Distortion (THDi): 11.3476%
Frequency (hertz): 60
Stabilization Time: 0.5 HR
Operation Time: 7.0 HR
Ambient Temperature (°C): 25.0
Test Distance: 28.75 FT

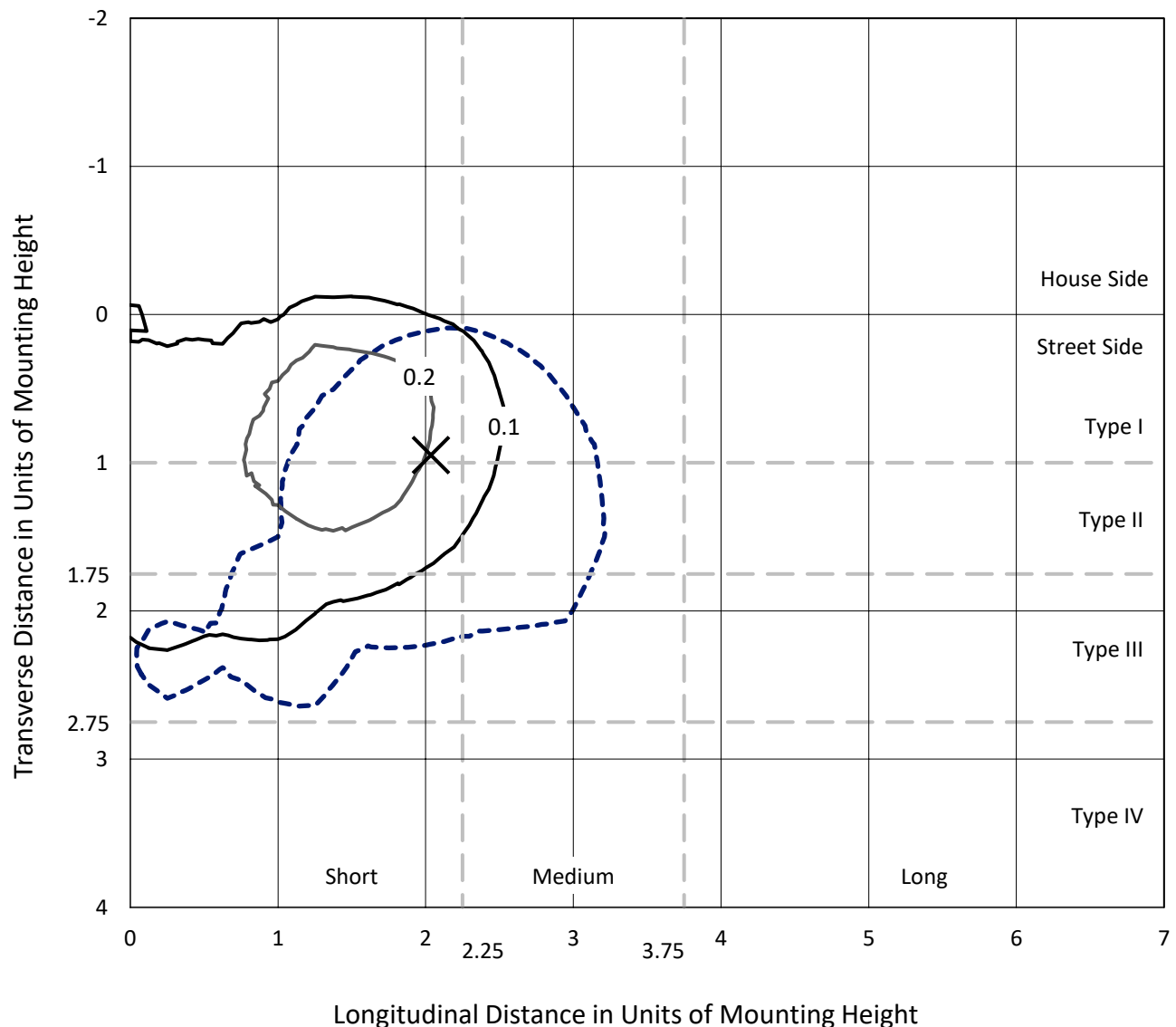


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Iso-Footcandle Lines of Horizontal Illumination

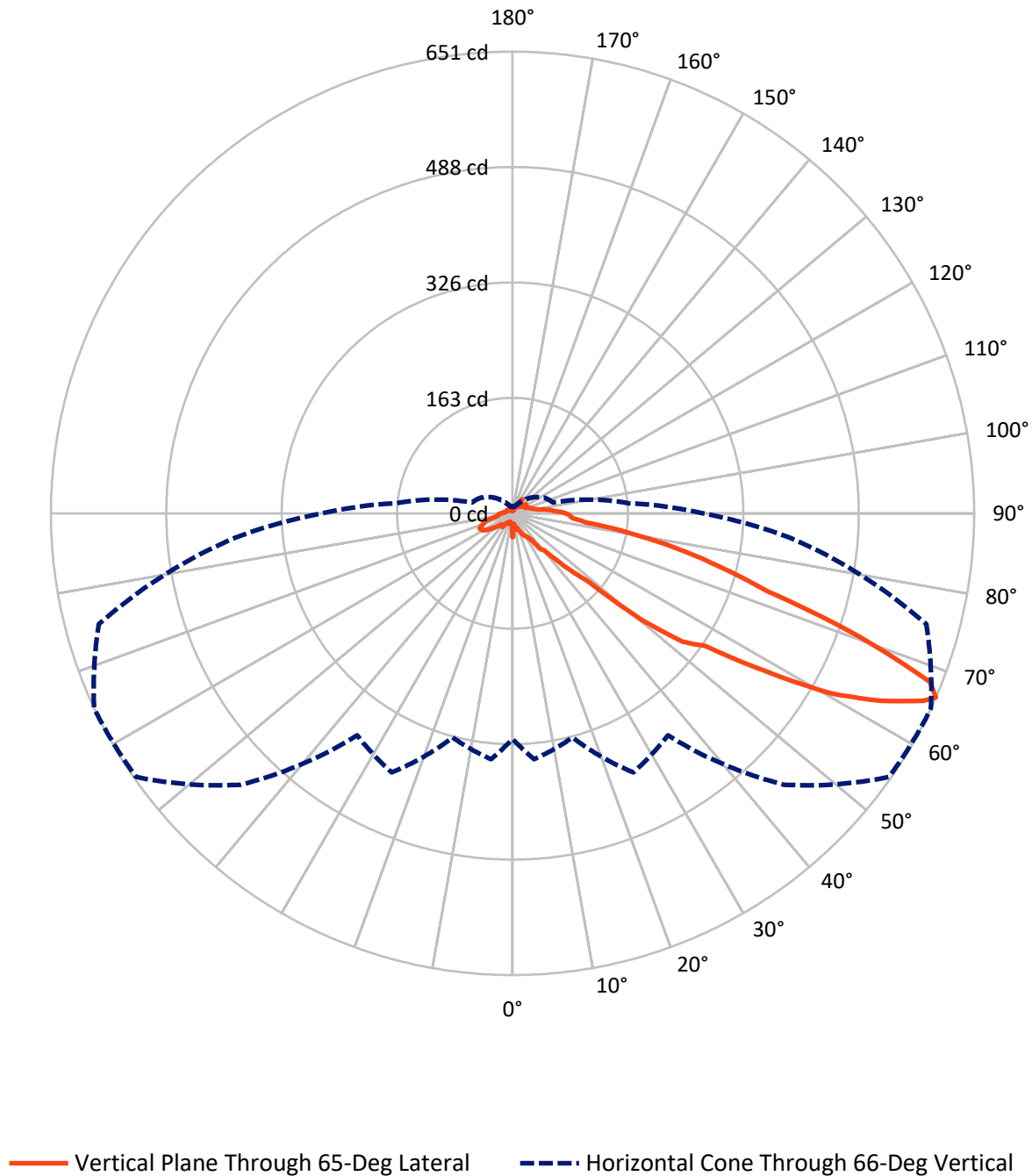
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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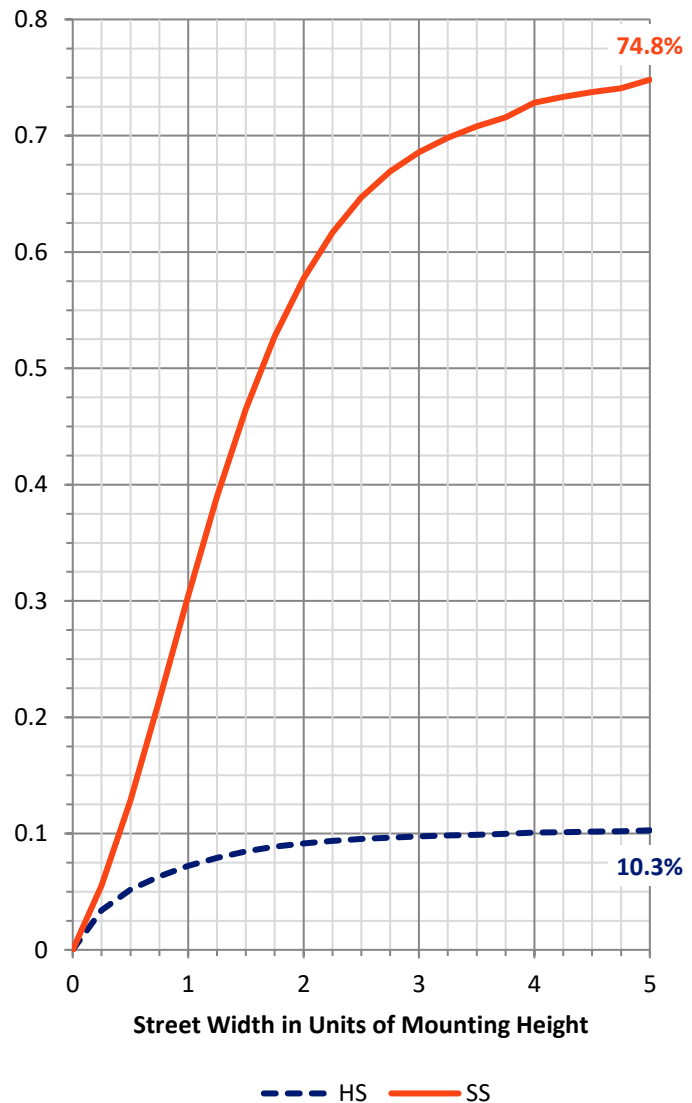
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	77.8	21.2	99.0
	% Fixture	10.8	2.9	13.7
Street Side	Lumens	560.2	63.9	624.2
	% Fixture	77.5	8.8	86.3
Total	Lumens	638.1	85.1	723.2
	% Fixture	88.2	11.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.7	0.2
10°-20°	4.9	0.7
20°-30°	10.0	1.4
30°-40°	20.2	2.8
40°-50°	46.0	6.4
50°-60°	132.9	18.4
60°-70°	238.1	32.9
70°-80°	137.5	19.0
80°-90°	46.8	6.5
90°-100°	27.5	3.8
100°-110°	16.3	2.3
110°-120°	12.5	1.7
120°-130°	10.4	1.4
130°-140°	6.7	0.9
140°-150°	6.9	1.0
150°-160°	3.1	0.4
160°-170°	1.2	0.2
170°-180°	0.4	0.1
0°-90°	638.1	88.2
0°-180°	723.2	100.0

Coefficient of Utilization



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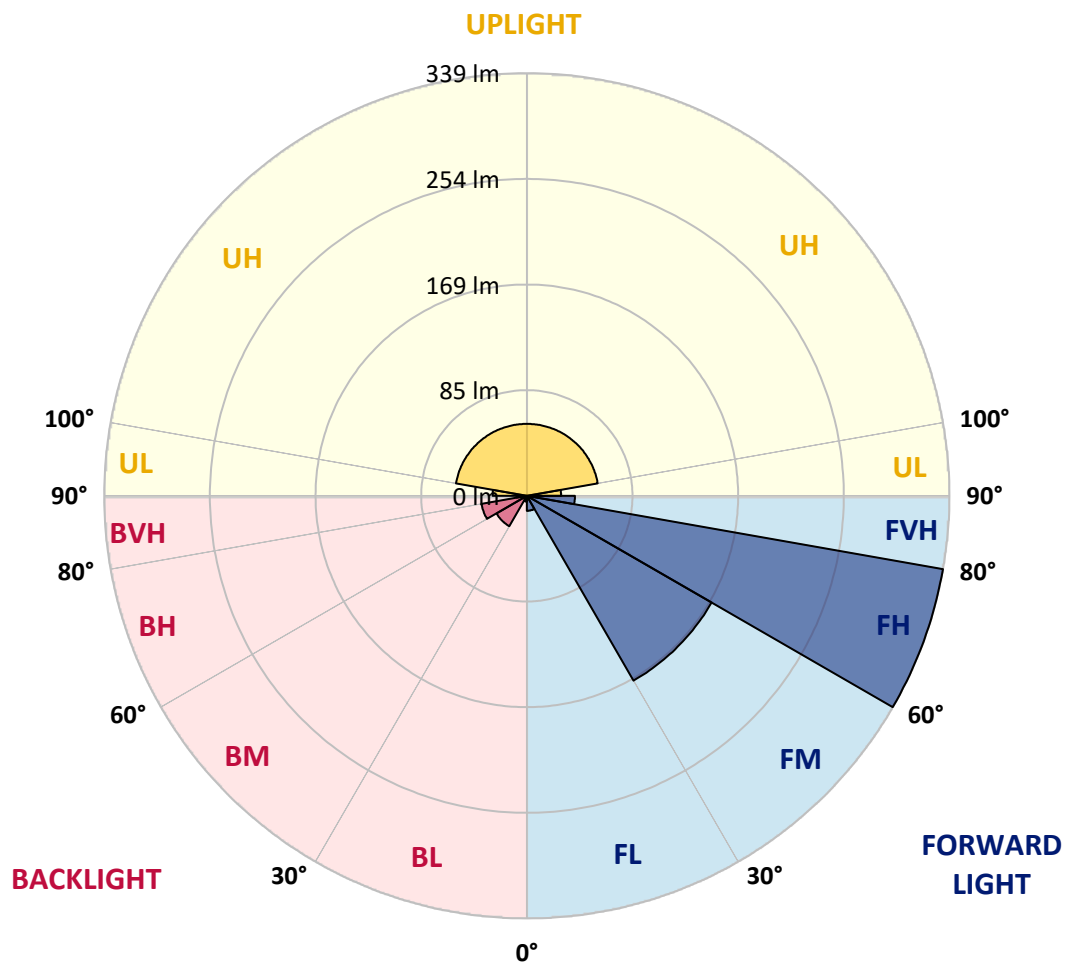
CATALOG NUMBER: FFX-CLB-AMB-U-FR-T3-UPLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	12.0	1.7			
FM	(30°-60°)	171.0	23.6			
FH	(60°-80°)	338.7	46.8			G0/660
FVH	(80°-90°)	38.5	5.3			G1/100
BL	(0°-30°)	4.6	0.6	B0/110		
BM	(30°-60°)	28.1	3.9	B0/220		
BH	(60°-80°)	36.9	5.1	B0/110		G0/110
BVH	(80°-90°)	8.3	1.1			G0/10
UL	(90°-100°)	27.5	3.8		U2/50	
UH	(100°-180°)	57.7	8.0		U3/500	

BUG Rating: B0-U3-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	34	34	34	34	34	34	34	34	34	34	34
2.5°	28	27	28	29	30	29	25	22	24	29	31
5°	25	25	24	24	23	21	19	17	16	17	17
7.5°	20	20	21	19	22	22	18	15	15	16	16
10°	21	21	21	21	22	22	22	20	15	14	14
12.5°	24	25	25	26	24	22	23	23	19	16	16
15°	30	30	29	28	26	24	22	21	20	18	17
17.5°	32	32	30	29	28	26	25	23	21	20	19
20°	30	30	30	30	30	29	27	26	24	21	20
22.5°	32	32	31	31	33	32	31	29	27	24	22
25°	35	35	34	34	35	35	34	33	30	25	23
27.5°	38	38	37	37	37	37	35	35	31	26	23
30°	40	40	39	40	39	39	37	38	33	27	25
32.5°	43	43	42	43	42	42	40	41	36	29	28
35°	49	47	48	50	48	50	46	46	42	35	34
37.5°	70	68	66	63	60	66	64	64	56	44	43
40°	63	65	66	64	59	64	64	68	60	47	43
42.5°	70	69	74	77	72	81	78	87	72	62	56
45°	79	80	82	82	82	103	107	115	89	73	59
47.5°	90	91	92	104	110	130	135	142	111	99	77
50°	121	126	131	144	149	188	223	236	169	149	112
52.5°	144	154	159	189	190	241	290	301	230	183	135
55°	158	172	175	223	223	294	336	330	274	210	160
57.5°	194	215	213	268	264	371	438	419	348	249	192
60°	237	263	250	315	305	451	521	515	450	293	220
62.5°	274	303	288	360	353	526	589	582	542	349	247
65°	306	337	315	391	379	544	649	637	589	388	266
66°	318	348	327	403	382	541	648	651	604	392	269
67.5°	317	352	330	406	373	516	635	635	564	373	253
70°	277	307	293	365	320	423	519	516	466	302	200
72.5°	224	239	221	277	236	305	380	376	336	219	150
75°	194	193	184	217	184	237	311	303	261	168	122
77.5°	140	139	140	162	138	164	248	236	189	127	92
80°	83	83	91	105	90	105	172	166	124	85	58
82.5°	55	57	58	69	65	75	101	104	82	58	47
85°	51	51	51	56	54	66	85	84	70	50	43
87.5°	51	53	50	54	52	63	82	81	69	50	43
90°	47	49	48	51	48	57	74	73	63	47	39
92.5°	38	40	40	44	41	48	62	60	53	39	31
95°	34	36	35	38	35	41	54	52	46	33	26
97.5°	28	28	28	30	27	31	40	38	34	24	20
100°	24	24	24	25	24	27	32	32	28	21	18
102.5°	23	23	23	24	22	24	29	29	26	20	17
105°	22	22	22	23	22	23	28	27	24	19	16
107.5°	21	21	21	22	21	22	25	25	22	18	16

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
110°	20	20	21	21	20	20	24	23	21	17	15
112.5°	20	20	21	20	18	18	20	20	19	16	14
115°	20	20	22	19	17	17	19	19	18	15	13
117.5°	18	19	19	18	16	17	18	19	18	15	13
120°	18	18	18	18	17	18	20	19	19	15	13
122.5°	22	20	20	19	18	20	22	23	20	17	14
125°	19	20	20	18	17	18	19	20	17	15	14
127.5°	14	14	15	15	14	14	14	15	15	12	11
130°	13	12	13	13	13	13	14	15	14	11	10
132.5°	12	12	12	13	13	13	13	14	14	12	10
135°	12	12	12	13	13	13	12	13	13	11	10
137.5°	11	11	11	11	11	12	12	12	12	10	9
140°	11	11	11	11	11	13	13	13	12	10	9
142.5°	13	12	13	13	14	21	19	21	20	12	10
145°	17	16	16	17	18	25	22	24	23	18	11
147.5°	15	16	16	16	17	18	18	19	19	16	13
150°	13	14	14	14	16	16	15	15	16	14	12
152.5°	9	10	10	9	11	10	10	10	10	9	9
155°	8	8	8	8	9	9	9	9	8	8	8
157.5°	6	6	7	7	7	7	7	7	6	6	6
160°	5	5	5	6	6	6	5	5	5	5	6
162.5°	5	5	5	5	5	5	5	5	5	5	5
165°	4	4	4	4	4	4	4	4	4	5	5
167.5°	4	4	4	4	4	4	4	4	5	5	5
170°	4	4	4	4	4	4	4	4	5	5	5
172.5°	4	4	4	4	4	4	4	4	5	4	4
175°	4	4	4	4	4	5	5	5	5	5	5
177.5°	4	4	4	4	4	4	4	4	4	4	4
180°	4	4	4	4	4	4	4	4	4	4	4

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CATALOG NUMBER: FFX-CLB-AMB-U-FR-T3-UPLR-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	34	34	34	34	34	34	34	34	34	34
2.5°	31	22	19	19	23	23	25	20	15	15
5°	18	17	14	13	16	16	16	14	12	11
7.5°	16	16	14	12	13	12	13	14	12	12
10°	15	15	16	14	10	8	9	12	15	16
12.5°	15	13	13	13	10	7	7	9	12	13
15°	16	14	12	10	8	7	6	5	4	4
17.5°	17	15	13	10	8	7	5	4	4	4
20°	19	16	13	10	8	6	5	4	4	4
22.5°	20	17	14	10	8	6	5	4	4	4
25°	21	18	14	11	8	6	5	5	5	4
27.5°	22	19	15	11	8	7	5	5	5	4
30°	24	20	16	11	9	7	6	5	5	5
32.5°	27	23	17	12	10	8	6	5	5	5
35°	32	28	20	14	11	8	7	6	5	5
37.5°	40	35	24	15	11	9	7	6	5	5
40°	37	30	21	14	11	10	8	6	6	5
42.5°	48	37	21	14	11	10	8	7	6	6
45°	49	38	23	15	12	10	8	7	6	6
47.5°	60	38	24	17	13	10	8	7	6	6
50°	86	46	28	20	15	11	9	7	7	7
52.5°	102	49	33	25	19	14	10	8	7	7
55°	115	47	37	29	23	18	12	8	7	7
57.5°	141	55	43	34	27	20	14	9	7	7
60°	153	56	47	40	31	21	14	10	8	7
62.5°	167	58	49	42	32	21	14	10	9	9
65°	166	60	51	41	30	20	13	10	9	10
66°	164	59	51	40	29	19	13	10	9	10
67.5°	152	57	49	39	28	18	12	9	9	9
70°	118	50	44	33	23	16	12	9	8	8
72.5°	91	48	42	28	20	14	11	9	8	8
75°	80	51	39	23	17	12	9	8	8	8
77.5°	64	45	29	19	14	10	9	8	7	7
80°	44	30	23	16	12	9	8	7	7	7
82.5°	38	25	20	14	12	9	8	7	7	6
85°	36	23	20	13	11	9	7	7	6	6
87.5°	35	25	19	12	10	8	7	6	6	6
90°	32	22	16	12	9	8	7	6	6	6
92.5°	23	17	14	11	9	7	6	6	6	6
95°	19	15	13	10	9	7	6	6	5	5
97.5°	15	13	11	9	7	6	6	5	5	5
100°	14	12	11	8	7	6	5	5	5	5
102.5°	14	12	10	8	7	6	5	5	4	4
105°	14	12	10	8	6	5	5	4	4	4
107.5°	13	12	9	7	6	5	5	4	4	4



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CATALOG NUMBER: FFX-CLB-AMB-U-FR-T3-UPLR-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
110°	13	12	9	7	6	5	4	4	4	4
112.5°	12	11	9	7	6	5	5	4	4	4
115°	11	10	8	6	5	5	4	4	4	4
117.5°	11	9	8	6	5	5	4	4	4	4
120°	11	10	8	6	5	5	4	4	4	4
122.5°	13	11	9	6	5	5	4	4	4	4
125°	12	10	7	6	5	4	4	4	4	4
127.5°	9	8	7	6	5	4	4	4	4	4
130°	8	8	6	5	5	4	4	4	3	3
132.5°	9	8	6	5	5	4	4	4	3	3
135°	9	7	6	5	5	4	4	3	3	3
137.5°	8	6	6	5	5	4	4	3	3	3
140°	7	6	6	5	4	4	4	3	3	3
142.5°	8	7	6	5	4	4	4	3	3	3
145°	9	8	7	7	6	5	4	3	3	3
147.5°	11	10	8	7	5	4	3	3	3	3
150°	10	9	8	6	5	4	3	3	3	3
152.5°	7	6	6	5	4	3	3	3	3	3
155°	7	6	5	4	4	3	3	3	3	3
157.5°	6	5	4	4	3	3	3	3	3	3
160°	6	5	4	4	4	4	4	3	3	3
162.5°	5	4	4	4	4	4	4	4	3	4
165°	5	4	4	4	4	4	5	4	4	4
167.5°	5	4	4	4	4	4	5	5	4	5
170°	4	4	4	4	4	4	5	5	5	5
172.5°	4	5	5	5	5	4	5	5	5	5
175°	5	5	5	5	5	5	5	5	6	6
177.5°	4	4	4	4	4	4	4	4	4	4
180°	4	4	4	4	4	4	4	4	4	4

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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2501-332-6

Test Date: 03/28/2025

Luminaire Tested: FFX-CLB-AMB-U-FR-T5

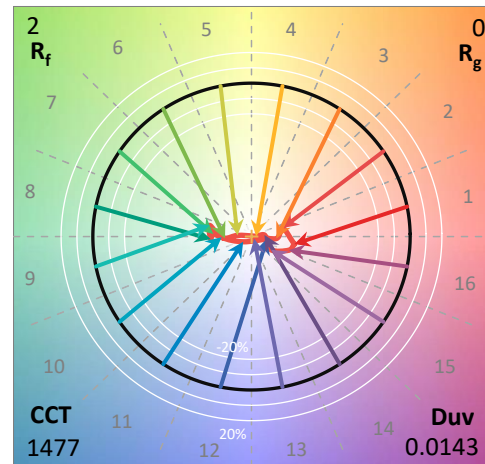
Data in this report applies to families of products including FFX-CLB-AMB-U-FR-T5

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2501-332-6
 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-AMB-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR AMBER T5

Spectral Parameters

CCT (K):	1477	CRI (Ra):	-16.4		
CIE u':	0.3612	R1:	-26.9	R9:	-362.0
CIE v':	0.5457	R2:	55.7	R10:	34.1
Duv:	0.0143	R3:	19.5	R11:	-85.9
CIE x:	0.5980	R4:	-61.2	R12:	-0.3
CIE y:	0.4014	R5:	-34.3	R13:	-8.9
CIE z:	0.0006	R6:	47.8	R14:	48.3
Peak Wavelength (nm):	599	R7:	-4.8	R15:	-60.0
Dominant Wavelength (nm):	594	R8:	-127.3		
Purity:	99.99006				
Rf:	1.7				
Rg:	0.1				



Test Conditions

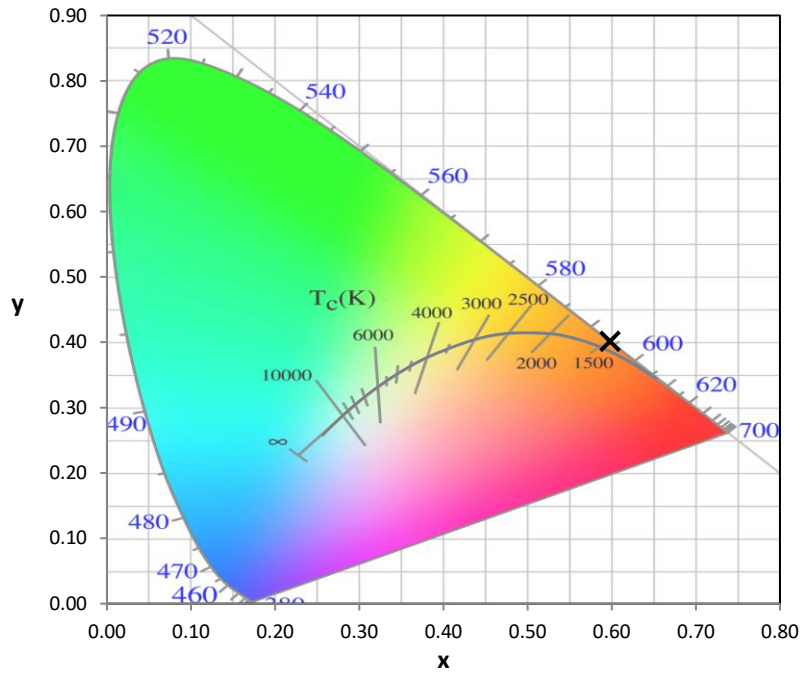
Stabilization Time: 152M
 Operation Time: 3H 32M
 Sphere Temperature (°C): 24.9

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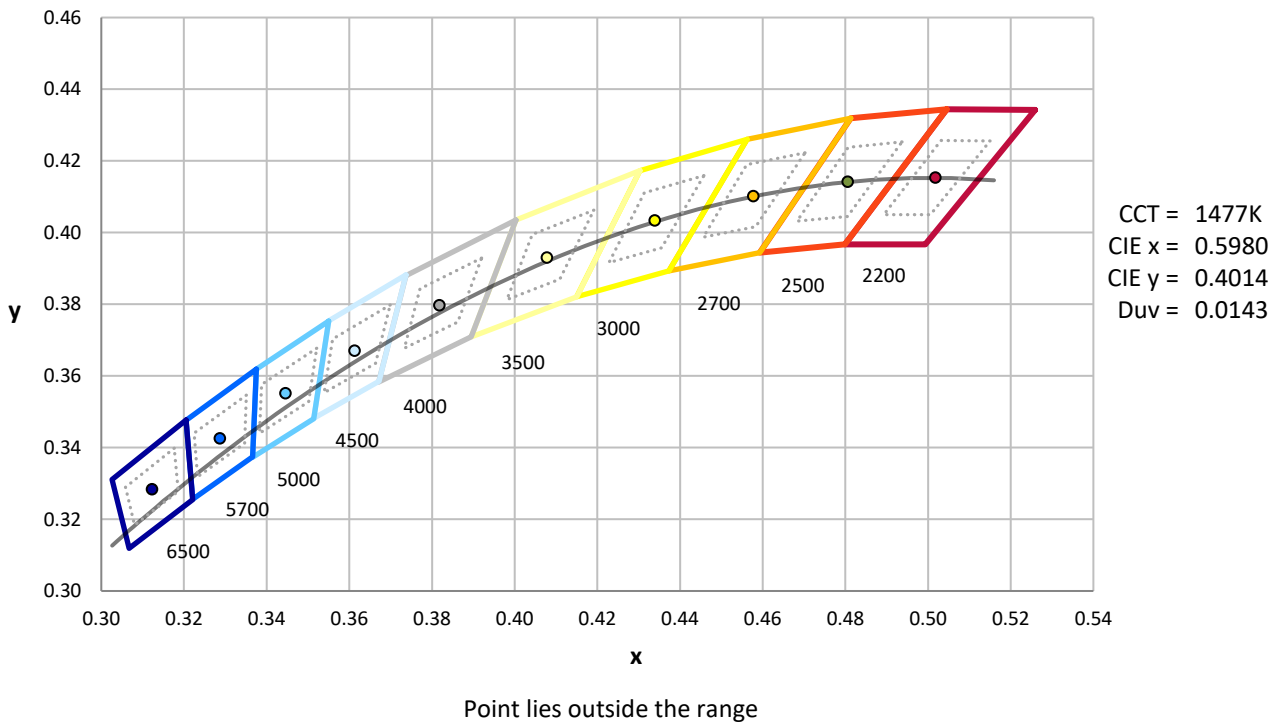
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

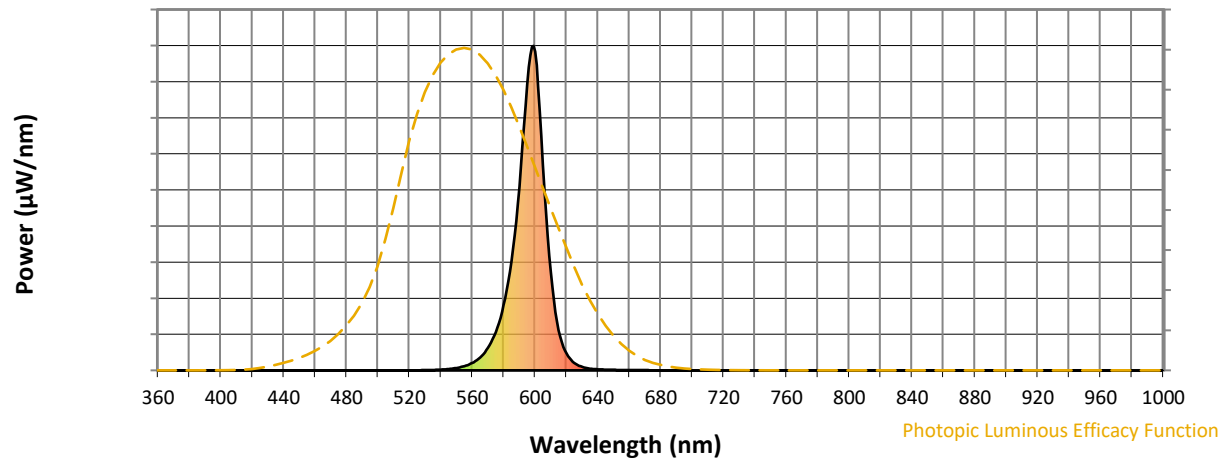


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

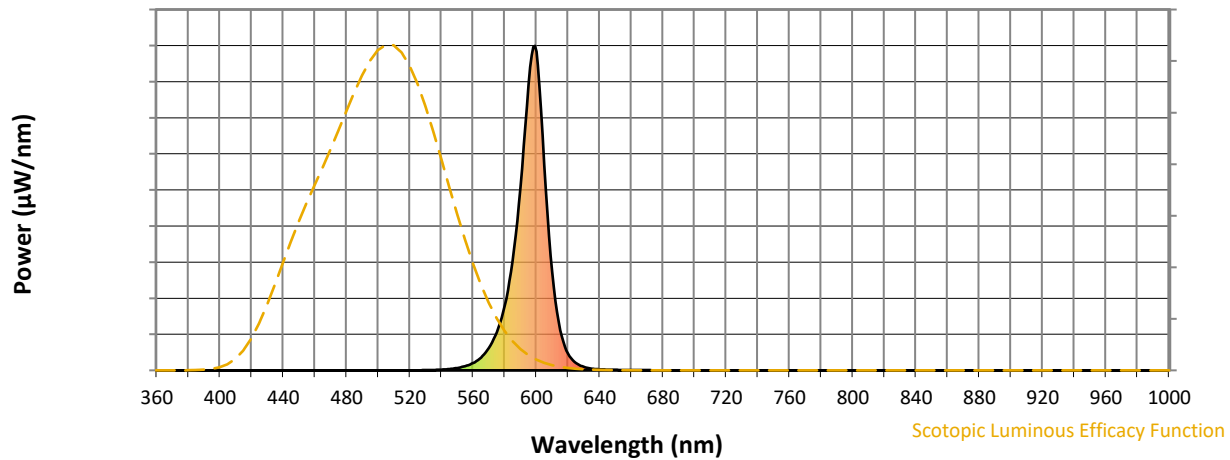


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	0	NR	620	52	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	23	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	11	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	5	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	0	NR	650	2	NR	780	0	NR	910	0	NR
395	0	NR	525	0	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	1	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	2	NR	670	1	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	13	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	23	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	40	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	69	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	118	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	201	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	337	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	566	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	880	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	982	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	633	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	302	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	123	NR	745	0	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



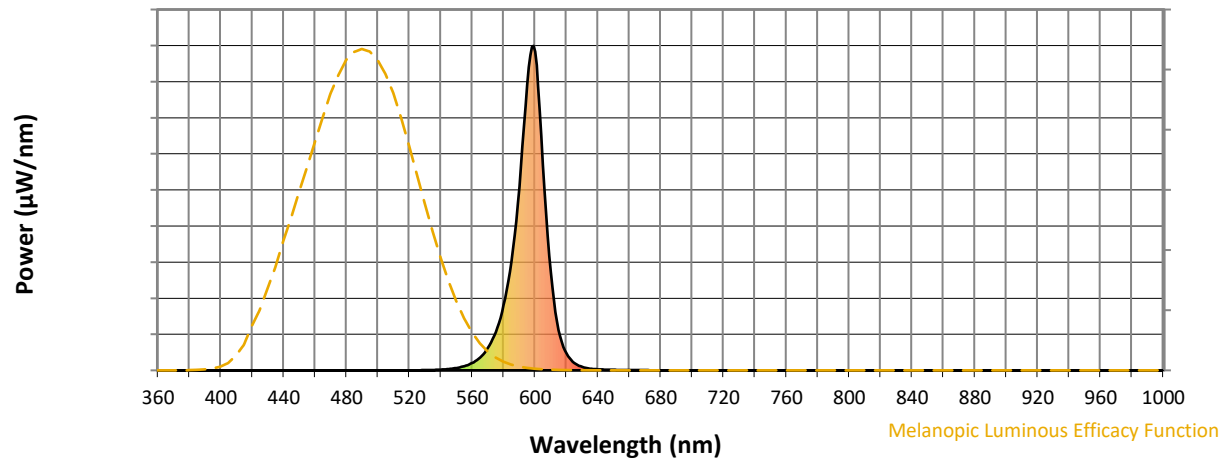
Scotopic Lumens: NR

S/P: 0.21

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	0	NR	620	52	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	23	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	11	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	5	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	0	NR	650	2	NR	780	0	NR	910	0	NR
395	0	NR	525	0	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	1	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	2	NR	670	1	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	13	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	23	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	40	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	69	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	118	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	201	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	337	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	566	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	880	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	982	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	633	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	302	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	123	NR	745	0	NR	875	0	NR			

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Melanopic Flux vs. Wavelength

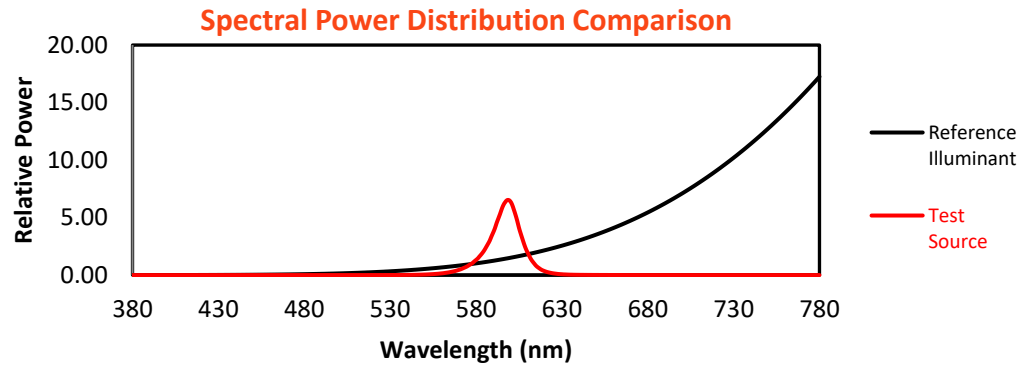
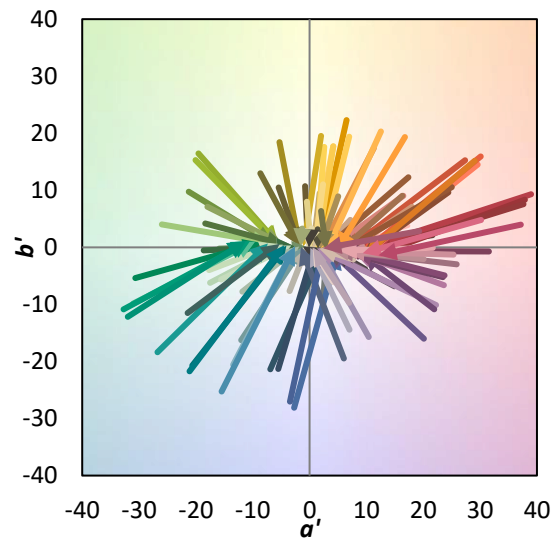
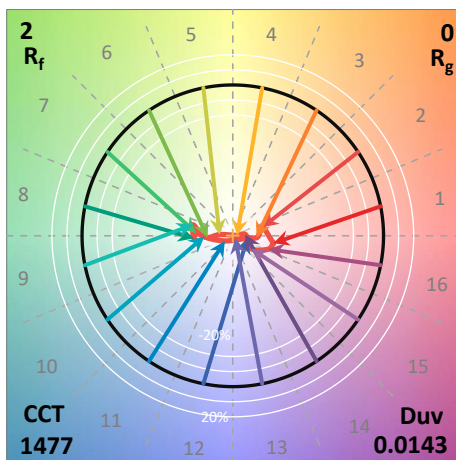
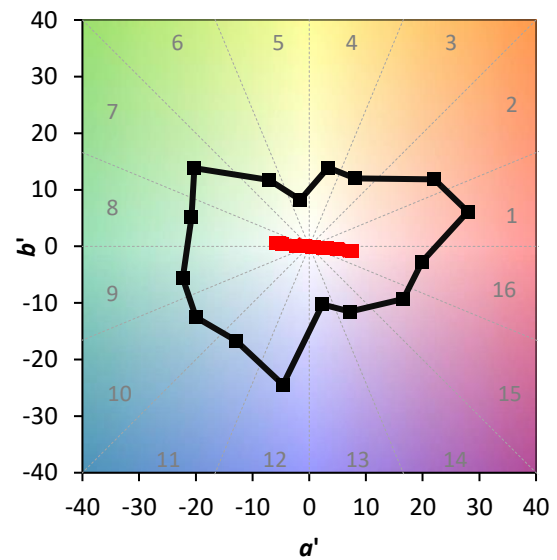
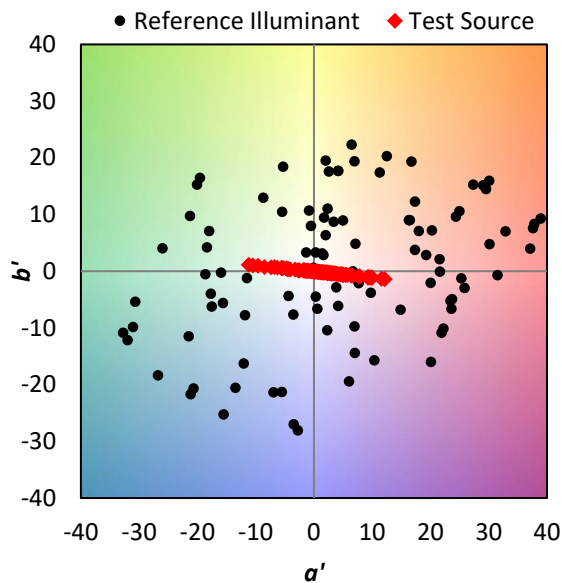


Melanopic Lumens: NR

M/P: 0.11

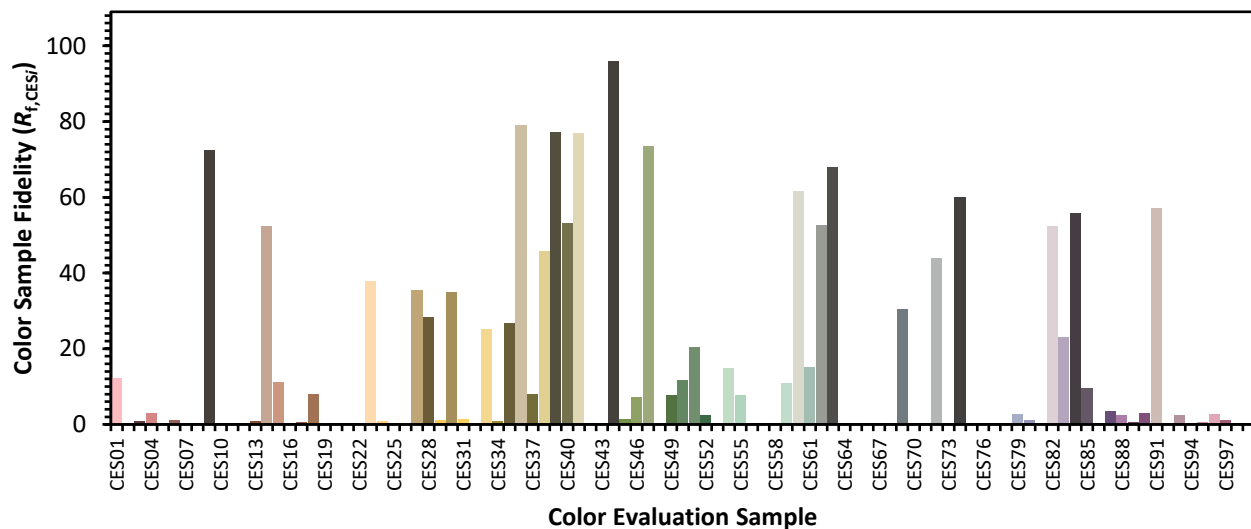
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	0	NR	620	52	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	23	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	11	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	5	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	0	NR	650	2	NR	780	0	NR	910	0	NR
395	0	NR	525	0	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	1	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	2	NR	670	1	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	13	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	23	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	40	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	69	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	118	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	201	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	337	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	566	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	880	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	982	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	633	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	302	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	123	NR	745	0	NR	875	0	NR			

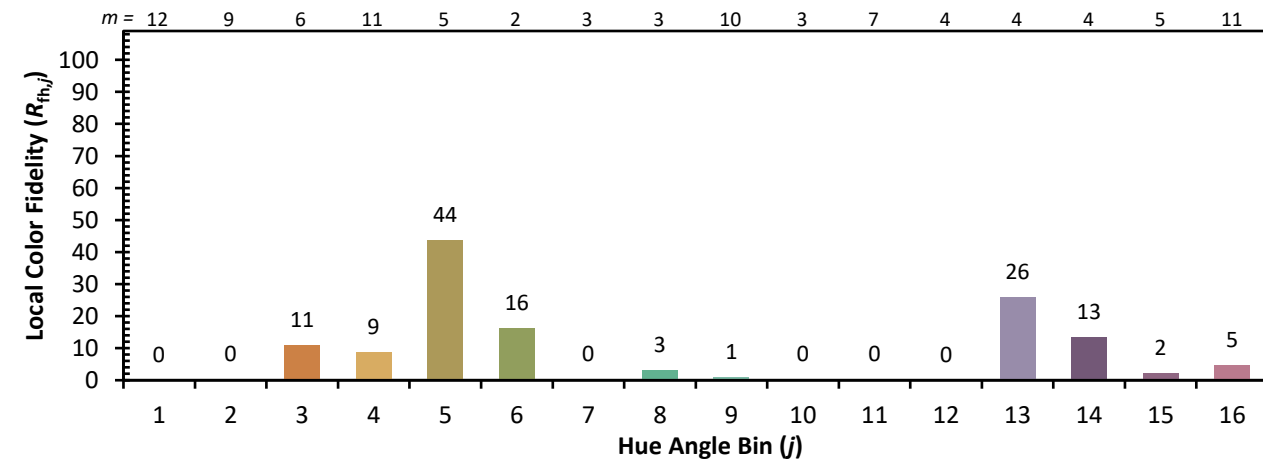
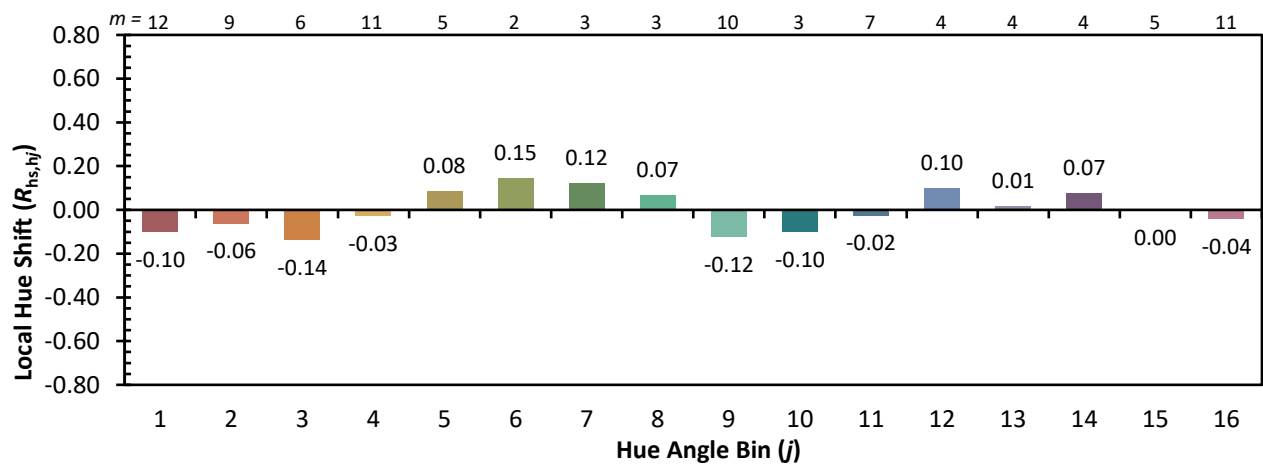
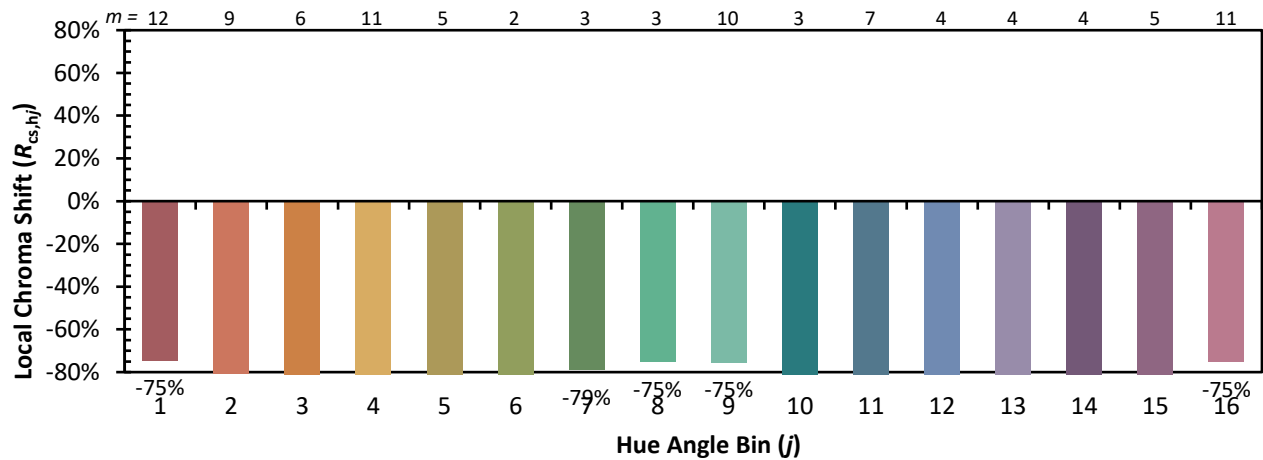
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TM-30-18
Summary
 $R_f = 1.7$
 $R_g = 0.1$
 $CIE\ R_a = -16.4$
 $R_g = -362.0$

Color Vector Graphics


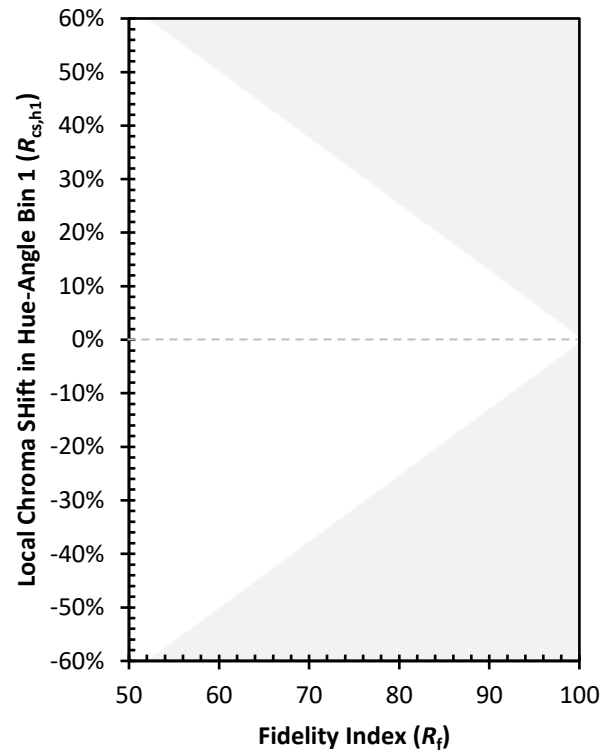
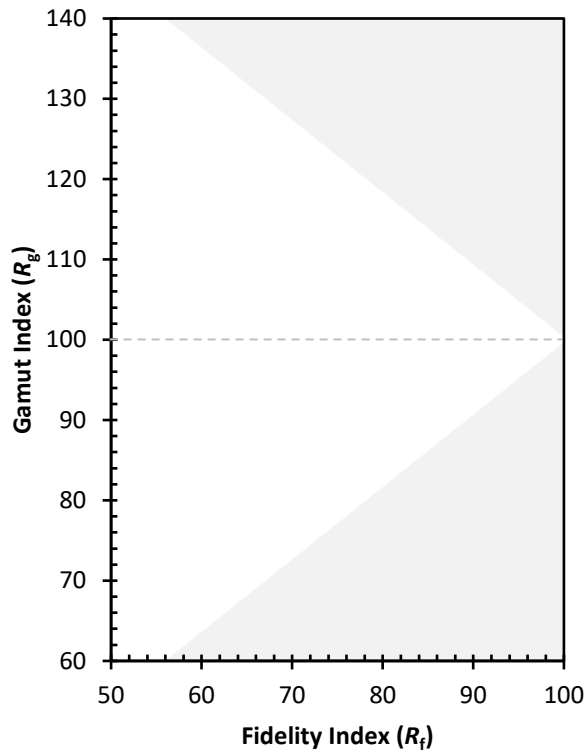
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 90	CES26 = 0	CES51 = 20	CES76 = 0
CES02 = 70	CES27 = 35	CES52 = 3	CES77 = 0
CES03 = 31	CES28 = 28	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 1	CES54 = 15	CES79 = 3
CES05 = 52	CES30 = 35	CES55 = 8	CES80 = 1
CES06 = 56	CES31 = 1	CES56 = 0	CES81 = 0
CES07 = 42	CES32 = 0	CES57 = 0	CES82 = 52
CES08 = 39	CES33 = 25	CES58 = 0	CES83 = 23
CES09 = 30	CES34 = 1	CES59 = 11	CES84 = 56
CES10 = 88	CES35 = 27	CES60 = 62	CES85 = 10
CES11 = 70	CES36 = 79	CES61 = 15	CES86 = 0
CES12 = 76	CES37 = 8	CES62 = 53	CES87 = 4
CES13 = 48	CES38 = 46	CES63 = 68	CES88 = 2
CES14 = 77	CES39 = 77	CES64 = 0	CES89 = 0
CES15 = 75	CES40 = 53	CES65 = 0	CES90 = 3
CES16 = 50	CES41 = 77	CES66 = 0	CES91 = 57
CES17 = 56	CES42 = 0	CES67 = 0	CES92 = 0
CES18 = 60	CES43 = 0	CES68 = 0	CES93 = 3
CES19 = 80	CES44 = 96	CES69 = 30	CES94 = 0
CES20 = 72	CES45 = 2	CES70 = 0	CES95 = 0
CES21 = 94	CES46 = 7	CES71 = 0	CES96 = 3
CES22 = 87	CES47 = 73	CES72 = 44	CES97 = 1
CES23 = 94	CES48 = 0	CES73 = 0	CES98 = 0
CES24 = 95	CES49 = 8	CES74 = 60	CES99 = 0
CES25 = 79	CES50 = 12	CES75 = 0	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)