

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: P1175342

Luminaire Tested: **FFX-CLB-30-AMB-U-FR-T4-UPLR-P**

Issue Date: 08/12/2025

Test Information

Test Method: LM-79-08
Report Number: P1175342
Test Lab: INNOVATION CENTER(G2)
Issue Date: 08/12/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-30-AMB-U-FR-T4-UPLR-P
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T4 DISTRIBUTION
(POLYCARBONATE) AND UPLIGHT REFLECTOR
Light Source: (4) 1500K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 677.4 lumens
Efficiency: N/A
Efficacy: 23.5 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type IV - Short
BUG Rating: B0 - U3 - G1

Input Watts (W): 28.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

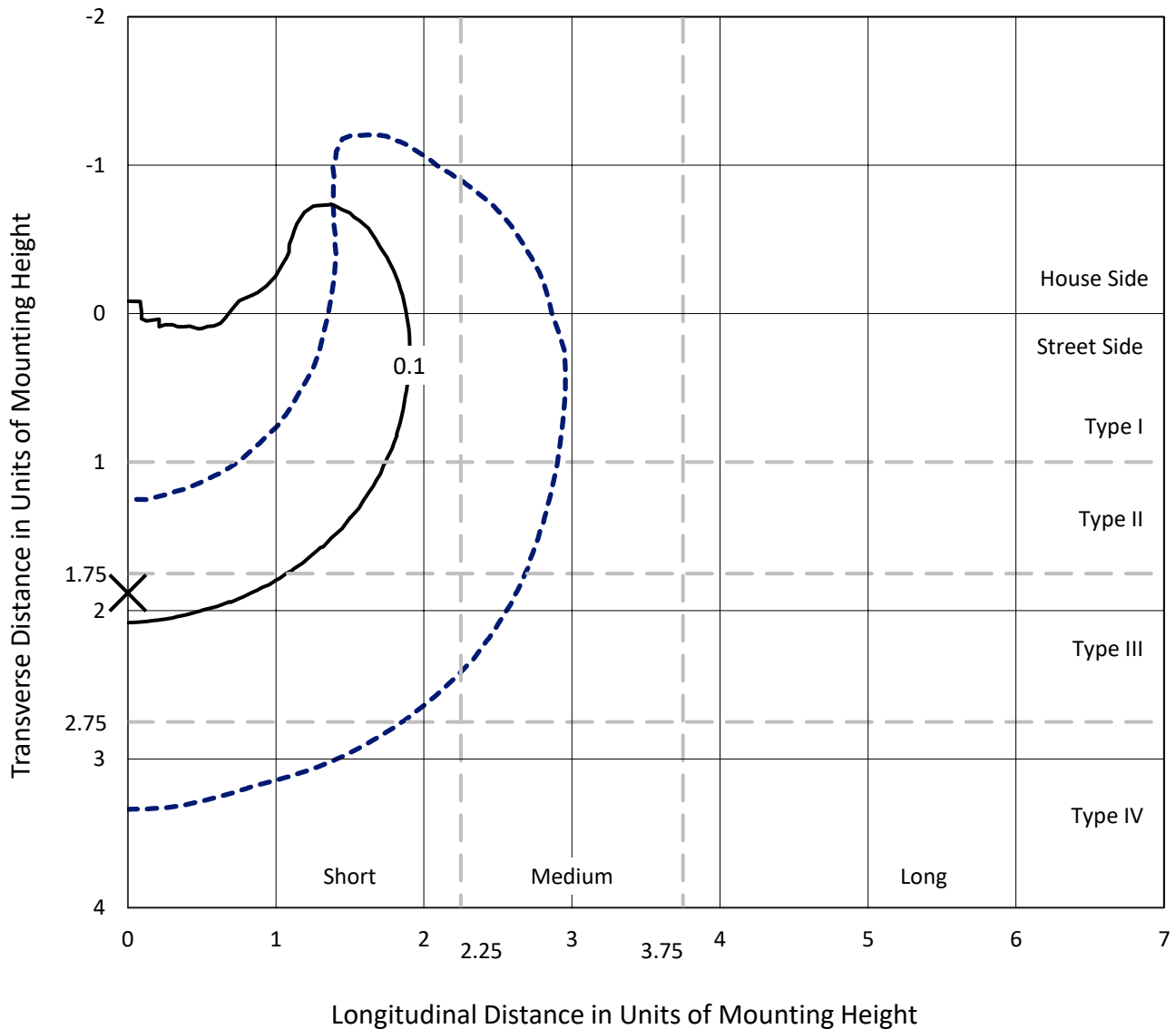


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

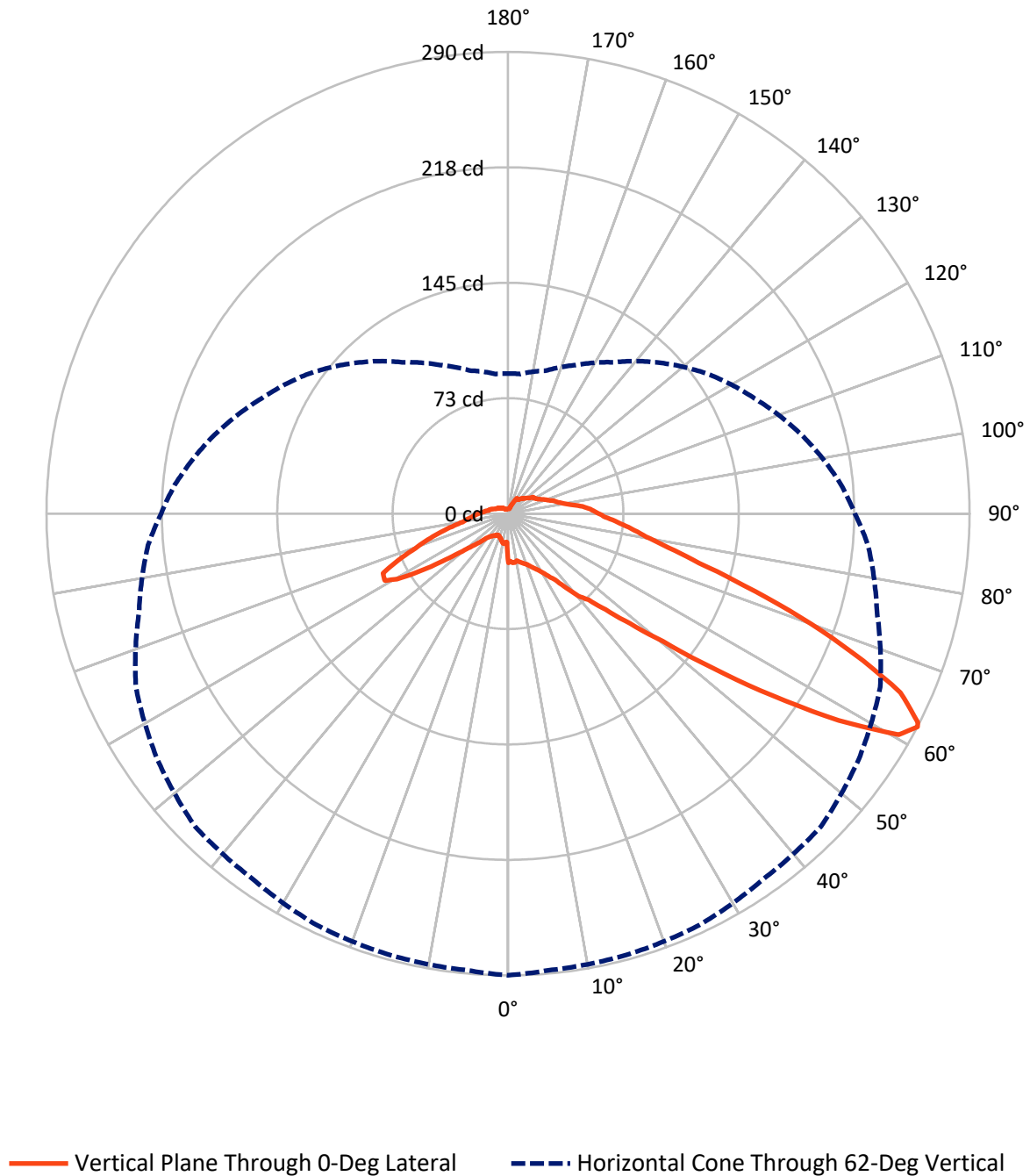


Based on 15 foot mounting height. Maximum calculated value = 0.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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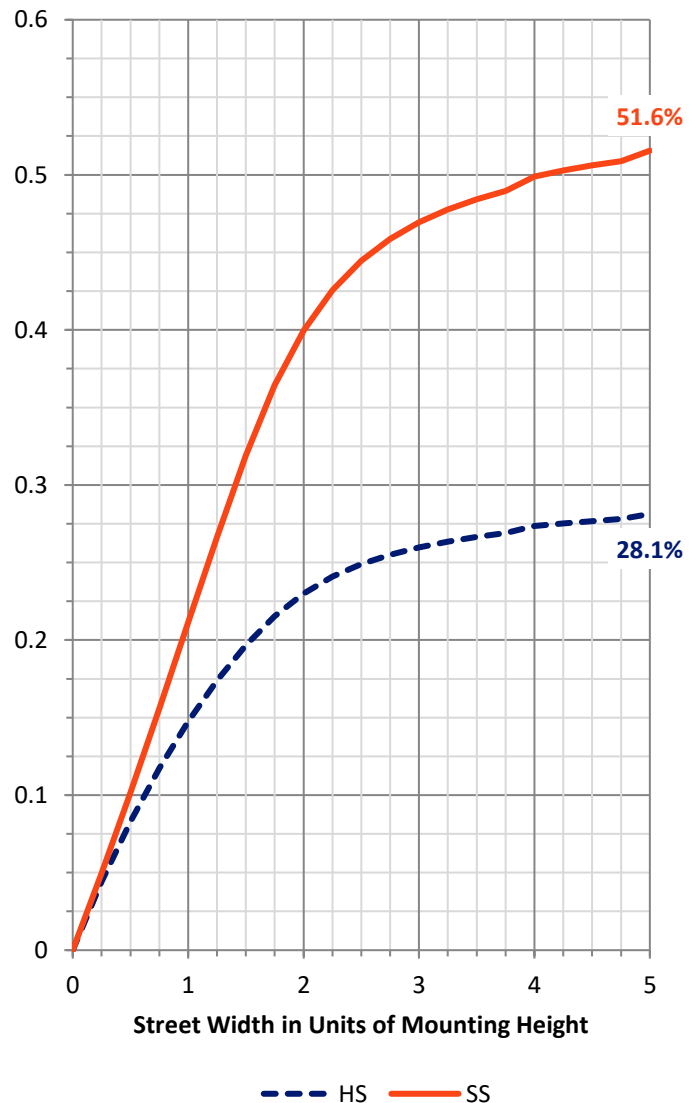
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	200.0	39.5	239.5
	% Fixture	29.5	5.8	35.4
Street Side	Lumens	370.2	67.8	437.9
	% Fixture	54.6	10.0	64.6
Total	Lumens	570.2	107.3	677.4
	% Fixture	84.2	15.8	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.2	0.3
10°-20°	6.7	1.0
20°-30°	12.8	1.9
30°-40°	24.4	3.6
40°-50°	51.9	7.7
50°-60°	132.5	19.6
60°-70°	180.5	26.7
70°-80°	101.4	15.0
80°-90°	57.5	8.5
90°-100°	37.8	5.6
100°-110°	23.7	3.5
110°-120°	16.3	2.4
120°-130°	11.8	1.7
130°-140°	8.0	1.2
140°-150°	5.6	0.8
150°-160°	2.8	0.4
160°-170°	1.0	0.1
170°-180°	0.3	0.0
0°-90°	570.2	84.2
0°-180°	677.4	100.0



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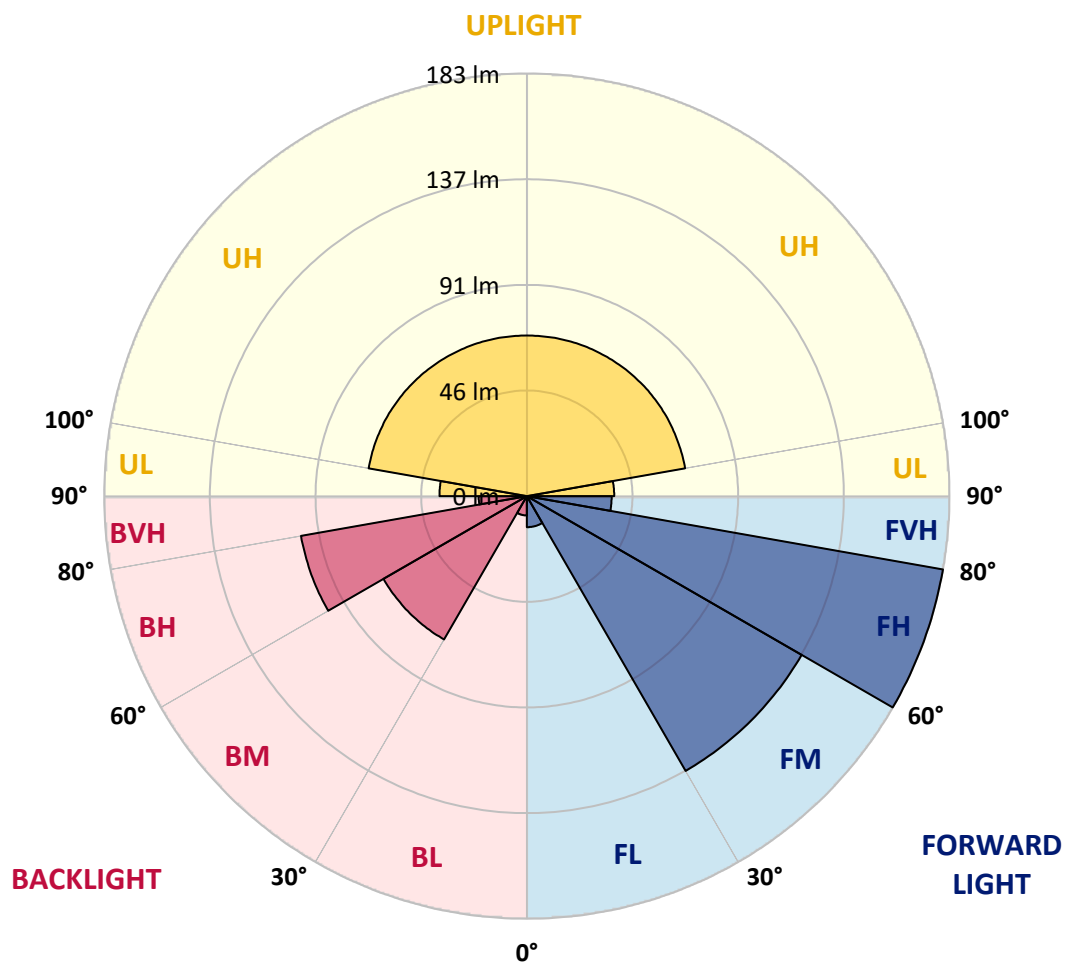
CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T4-UPLR-P

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	13.4	2.0			
FM	(30°-60°)	137.3	20.3			
FH	(60°-80°)	182.8	27.0			G0/660
FVH	(80°-90°)	36.7	5.4			G1/100
BL	(0°-30°)	8.4	1.2	B0/110		
BM	(30°-60°)	71.6	10.6	B0/220		
BH	(60°-80°)	99.2	14.6	B0/110		G0/110
BVH	(80°-90°)	20.8	3.1			G1/100
UL	(90°-100°)	37.8	5.6		U2/50	
UH	(100°-180°)	69.5	10.3		U3/500	

BUG Rating: B0-U3-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	31	31	31	31	31	31	31	31	31	31	31
2.5°	30	30	30	30	30	29	28	26	26	26	27
5°	31	31	30	30	29	28	25	24	22	21	21
7.5°	31	30	30	29	28	27	25	23	22	21	20
10°	30	30	30	29	29	28	26	24	23	22	21
12.5°	31	30	30	30	29	28	27	26	24	23	22
15°	32	31	31	30	30	29	28	26	25	24	23
17.5°	33	33	32	32	31	30	29	27	26	24	24
20°	34	34	34	33	32	31	30	29	27	25	25
22.5°	36	36	35	35	34	33	32	31	29	27	26
25°	38	38	38	37	36	35	34	33	31	29	28
27.5°	40	40	40	39	39	38	36	35	33	31	30
30°	43	43	43	42	42	41	39	38	36	34	33
32.5°	47	46	46	46	45	44	43	42	40	37	36
35°	51	50	51	50	50	49	48	47	44	42	41
37.5°	59	58	59	59	58	57	56	55	52	50	48
40°	68	67	67	66	66	66	65	64	60	56	54
42.5°	74	74	75	76	76	75	72	71	66	63	61
45°	86	85	88	88	88	87	83	82	76	73	71
47.5°	103	101	104	104	103	103	100	99	91	87	84
50°	126	123	128	130	127	127	122	121	112	108	104
52.5°	161	158	164	165	162	163	156	154	143	138	132
55°	202	199	206	207	204	203	195	191	177	169	162
57.5°	245	241	250	252	247	244	231	225	208	196	192
60°	282	279	281	280	275	274	264	254	235	221	214
62°	290	288	287	285	280	278	269	258	240	227	218
62.5°	289	288	285	283	279	276	267	256	239	226	217
65°	271	268	261	260	257	254	247	237	222	210	201
67.5°	234	233	226	227	223	220	216	209	198	188	180
70°	195	194	190	192	190	186	183	176	168	161	154
72.5°	155	155	152	154	154	153	148	141	135	131	124
75°	124	124	122	122	122	120	118	113	108	104	98
77.5°	103	102	101	100	99	100	98	95	91	86	82
80°	88	87	87	86	86	86	86	83	80	76	72
82.5°	78	77	76	76	76	77	76	74	71	68	65
85°	69	68	68	68	68	68	68	66	64	61	58
87.5°	61	61	60	61	61	61	60	59	57	54	52
90°	56	56	55	55	55	55	55	53	52	49	47
92.5°	52	51	51	51	51	51	51	49	48	45	44
95°	47	47	46	46	46	46	46	44	43	41	39
97.5°	40	39	39	39	39	39	38	37	36	34	33
100°	35	35	34	35	34	34	34	33	32	30	29
102.5°	32	32	32	32	32	32	31	30	29	28	27
105°	30	29	29	29	29	29	29	28	27	25	24
107.5°	27	27	27	27	26	27	26	25	24	23	23



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
110°	25	25	24	25	24	25	24	23	22	21	21
112.5°	23	23	23	23	23	23	22	22	21	20	19
115°	21	21	21	21	21	21	21	20	20	19	18
117.5°	20	20	20	20	20	20	20	19	18	17	17
120°	19	19	19	19	19	19	19	18	18	17	16
122.5°	19	18	18	18	18	18	18	17	17	16	15
125°	17	17	17	17	17	17	17	16	16	15	15
127.5°	16	16	16	16	16	16	16	15	15	14	14
130°	15	15	15	15	15	15	14	14	14	13	13
132.5°	14	14	14	14	14	14	14	13	13	12	12
135°	13	13	13	13	13	13	13	13	12	12	12
137.5°	13	13	13	12	13	13	12	12	12	11	11
140°	12	12	12	12	12	12	12	12	11	10	10
142.5°	11	11	11	12	12	12	11	11	11	10	10
145°	11	11	11	12	12	12	12	11	11	10	10
147.5°	11	11	11	11	12	12	12	11	11	11	10
150°	11	10	10	11	10	11	11	10	11	10	10
152.5°	9	9	8	9	9	9	9	9	9	8	8
155°	7	7	7	7	7	7	7	7	7	7	7
157.5°	6	6	6	6	6	6	6	6	6	6	5
160°	5	5	5	5	5	5	5	5	5	5	5
162.5°	4	4	4	4	4	4	4	4	4	4	4
165°	3	3	3	3	3	3	3	3	3	3	3
167.5°	3	3	3	3	3	3	3	3	3	3	3
170°	3	3	3	3	3	3	3	3	3	3	3
172.5°	3	3	3	3	3	3	3	3	3	3	3
175°	3	3	3	3	3	3	3	3	3	3	3
177.5°	3	3	3	3	3	3	3	3	3	3	3
180°	3	3	3	3	3	3	3	3	3	3	3

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	31	31	31	31	31	31	31	31	31	31
2.5°	25	24	23	23	23	23	22	21	19	18
5°	20	20	19	18	19	19	18	18	18	18
7.5°	20	19	18	18	19	19	19	19	19	19
10°	21	20	20	20	19	19	19	19	19	19
12.5°	22	21	21	20	19	18	18	18	18	18
15°	23	21	20	19	18	17	17	17	17	17
17.5°	23	21	20	19	18	17	16	16	16	16
20°	24	22	21	19	18	17	16	16	15	16
22.5°	25	24	22	20	19	17	16	16	15	15
25°	27	25	23	21	19	18	16	16	15	15
27.5°	29	27	25	22	20	19	17	16	15	15
30°	32	29	27	24	22	20	18	17	16	16
32.5°	35	32	29	26	23	21	19	17	16	16
35°	39	36	32	28	25	23	20	18	17	17
37.5°	46	42	39	33	28	25	21	19	18	18
40°	52	47	43	38	33	29	24	21	19	19
42.5°	58	53	48	42	37	33	28	24	22	21
45°	69	62	56	48	42	37	32	28	25	25
47.5°	80	74	67	58	50	43	36	32	29	29
50°	101	91	82	70	61	53	44	38	34	34
52.5°	127	114	105	90	76	66	54	46	41	42
55°	155	140	128	111	96	84	69	59	52	53
57.5°	183	167	151	131	113	99	85	74	66	67
60°	206	188	169	149	129	111	96	87	81	81
62°	210	191	171	153	134	116	103	93	88	88
62.5°	209	191	170	152	133	116	103	94	89	88
65°	194	179	158	143	125	108	99	91	88	87
67.5°	174	159	139	126	112	97	89	82	77	75
70°	149	136	118	107	95	83	77	69	64	62
72.5°	121	111	96	86	77	68	64	58	54	53
75°	97	88	77	70	63	55	51	47	45	44
77.5°	80	73	65	59	52	45	42	38	37	36
80°	71	64	57	52	45	39	36	32	30	29
82.5°	64	58	52	46	40	35	31	28	26	26
85°	57	52	46	41	36	31	28	25	24	23
87.5°	51	46	41	37	33	28	25	22	21	21
90°	46	42	38	34	30	26	23	20	19	19
92.5°	42	39	35	31	27	24	21	19	17	17
95°	38	35	31	28	25	21	19	17	15	15
97.5°	32	29	26	24	21	18	16	15	14	14
100°	28	26	24	21	19	17	15	13	13	12
102.5°	26	24	21	19	17	15	14	12	12	12
105°	24	22	20	18	16	14	12	11	11	11
107.5°	22	20	18	16	14	13	11	10	10	10



REPORT NUMBER: P1175342

CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T4-UPLR-P

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
110°	20	18	17	15	13	12	11	9	9	9
112.5°	18	17	15	14	13	11	10	9	8	8
115°	17	16	14	13	12	10	9	8	8	8
117.5°	16	15	14	12	11	10	9	8	7	7
120°	16	14	13	12	11	9	8	7	7	7
122.5°	15	14	13	11	10	9	8	7	6	7
125°	14	13	12	11	9	8	7	7	6	6
127.5°	13	12	11	10	9	8	7	6	6	6
130°	12	11	10	9	8	7	6	6	5	5
132.5°	12	11	10	9	8	7	6	6	5	5
135°	11	10	9	8	7	7	6	5	5	5
137.5°	10	10	9	8	7	6	5	5	5	5
140°	10	9	8	8	7	6	5	5	4	4
142.5°	10	9	8	7	6	6	5	4	4	4
145°	10	9	8	7	6	6	5	4	4	4
147.5°	10	9	8	7	6	5	4	4	3	3
150°	9	9	8	7	6	5	4	4	3	3
152.5°	8	7	6	6	5	4	4	3	3	3
155°	6	6	5	5	4	4	3	3	3	3
157.5°	5	5	4	4	4	3	3	3	3	3
160°	5	4	4	4	4	3	3	3	3	3
162.5°	4	4	4	3	3	3	3	3	3	3
165°	3	3	3	3	3	3	3	3	3	3
167.5°	3	3	3	3	3	3	3	3	3	3
170°	3	3	3	3	3	3	3	3	3	3
172.5°	3	3	3	3	3	3	3	3	3	3
175°	3	3	3	3	3	3	3	3	3	3
177.5°	3	3	3	3	3	3	3	3	3	3
180°	3	3	3	3	3	3	3	3	3	3

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

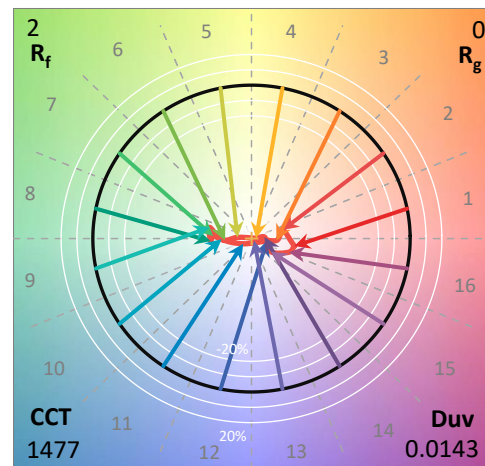
Data in this report applies to families of products including FFX-CLB-AMB-U-FR-T5

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

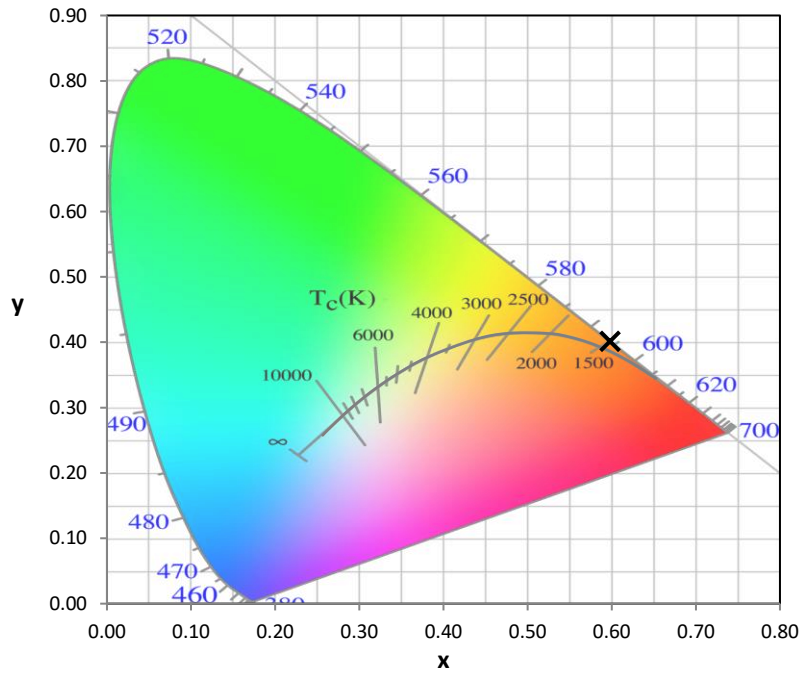
Stabilization Time: 152M
 Operation Time: 3H 32M
 Sphere Temperature (°C): 24.9

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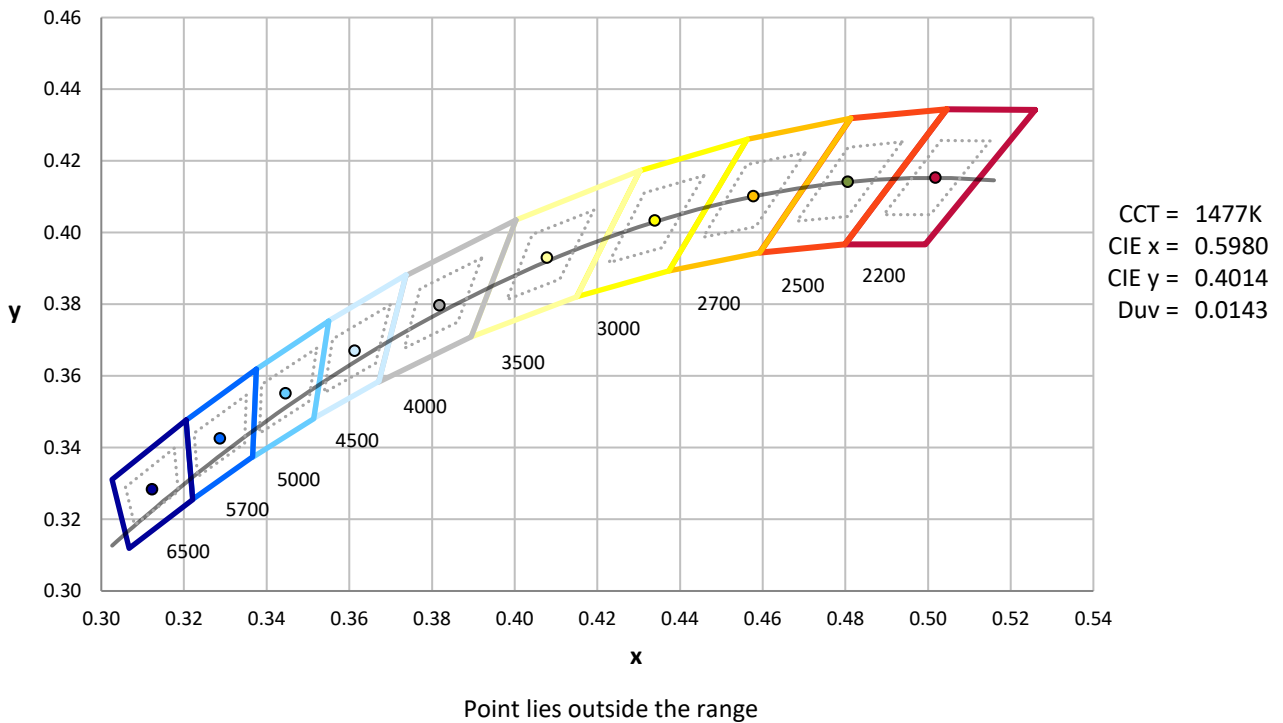
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

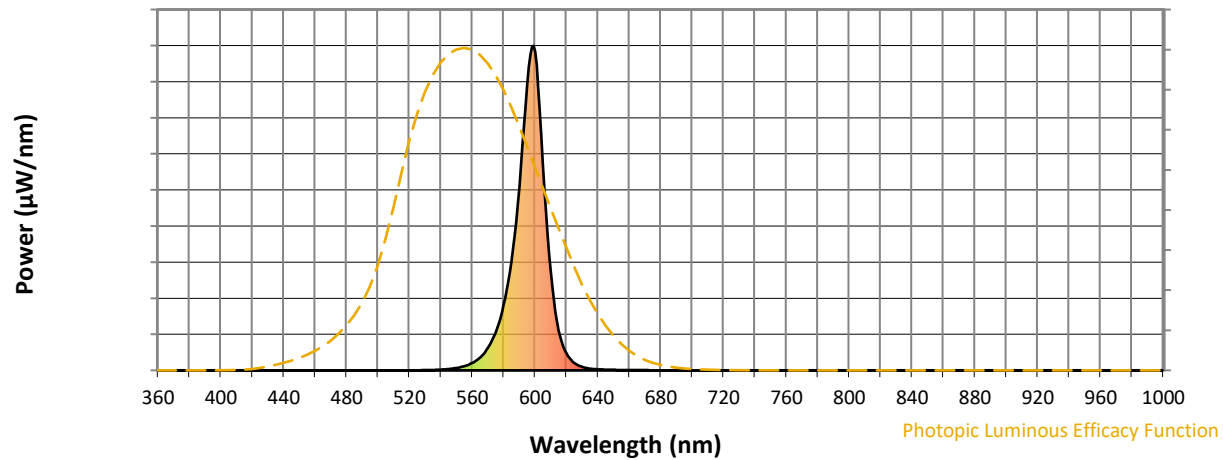


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

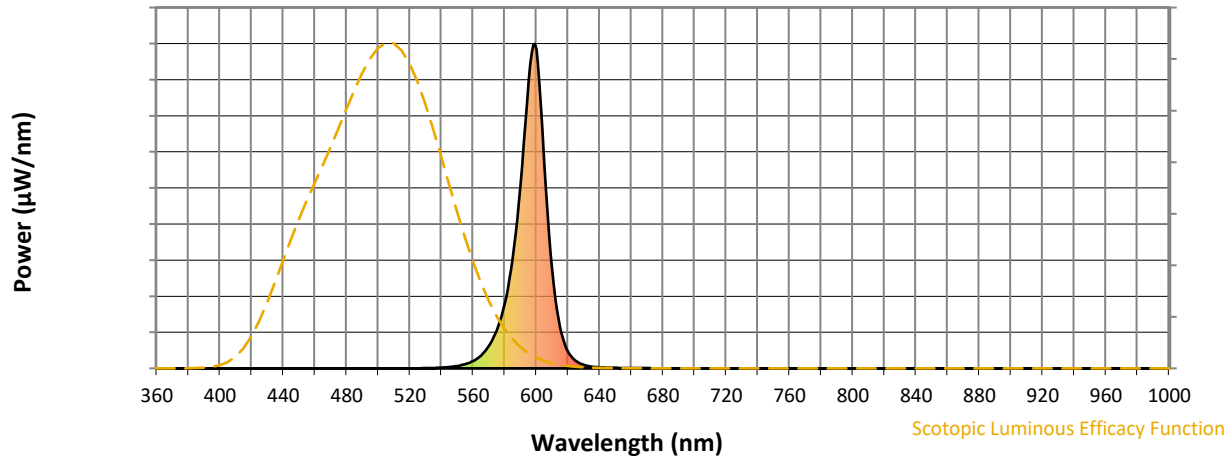


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Scotopic Flux vs. Wavelength



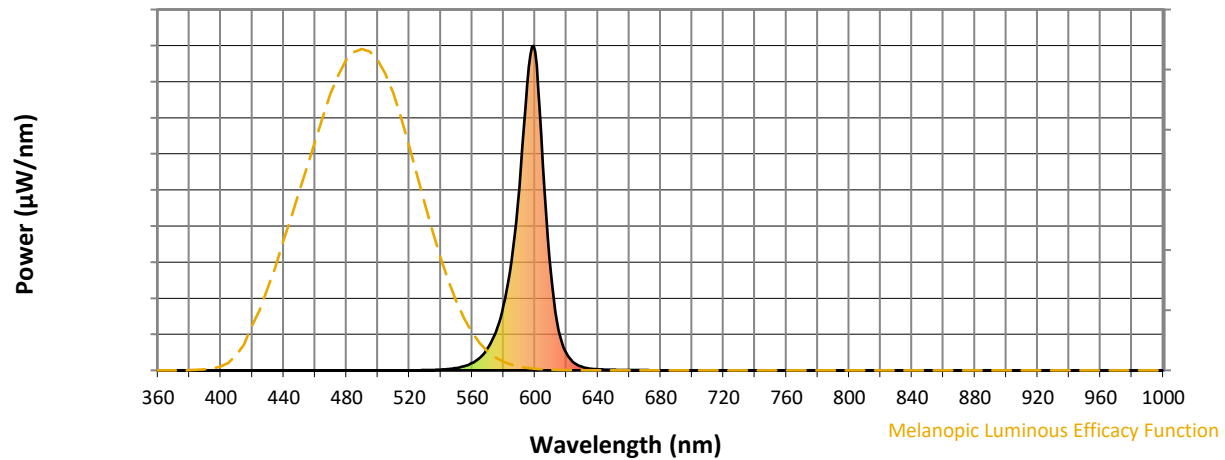
Scotopic Lumens: NR

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

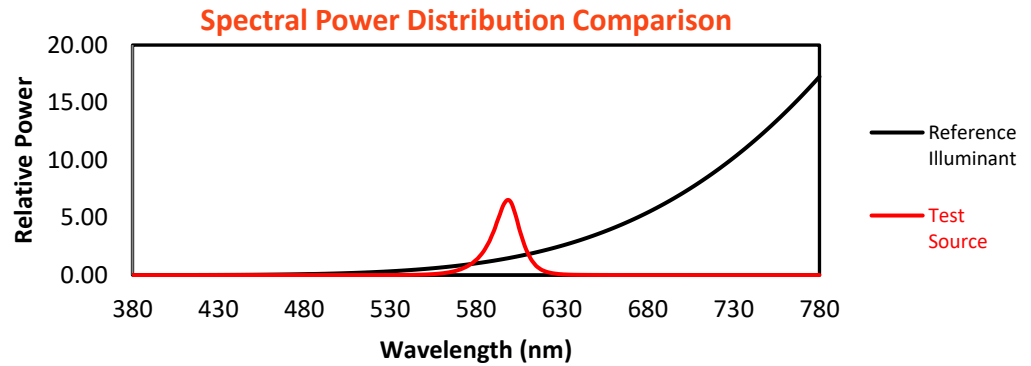
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	0	NR	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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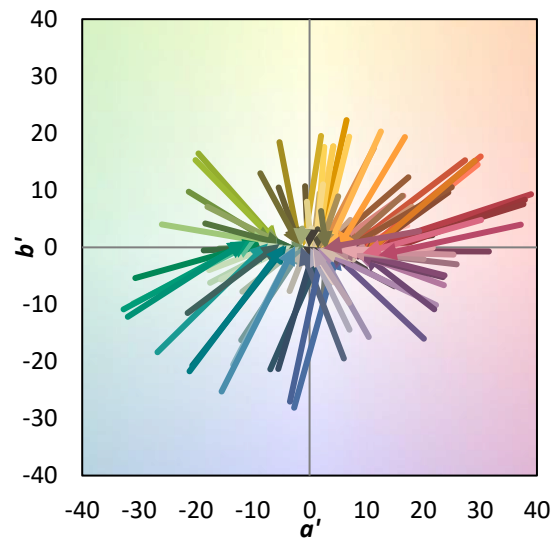
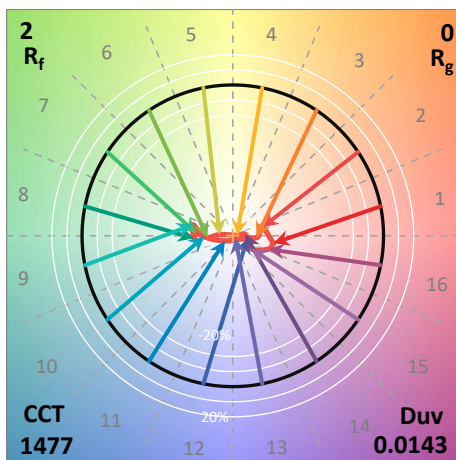
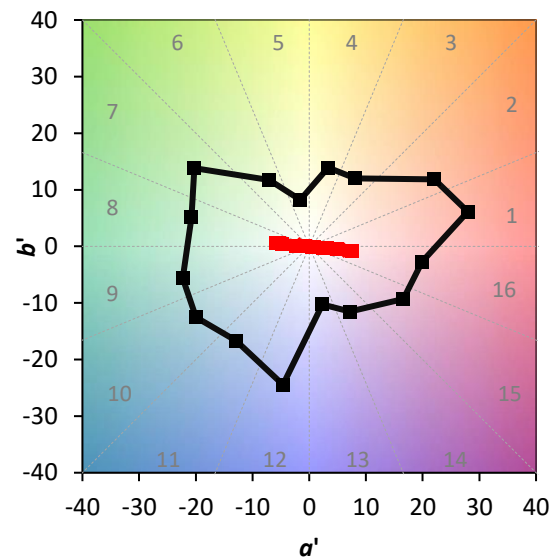
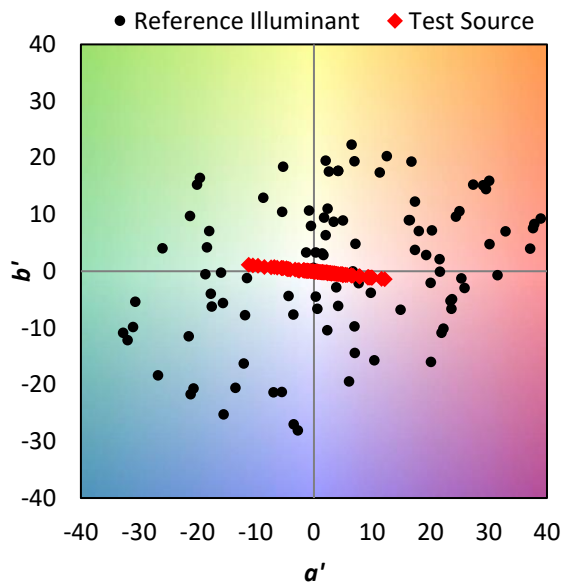
TM-30-18

Summary

$R_f = 1.7$
 $R_g = 0.1$
 $CIE R_a = -16.4$
 $R_g = -362.0$

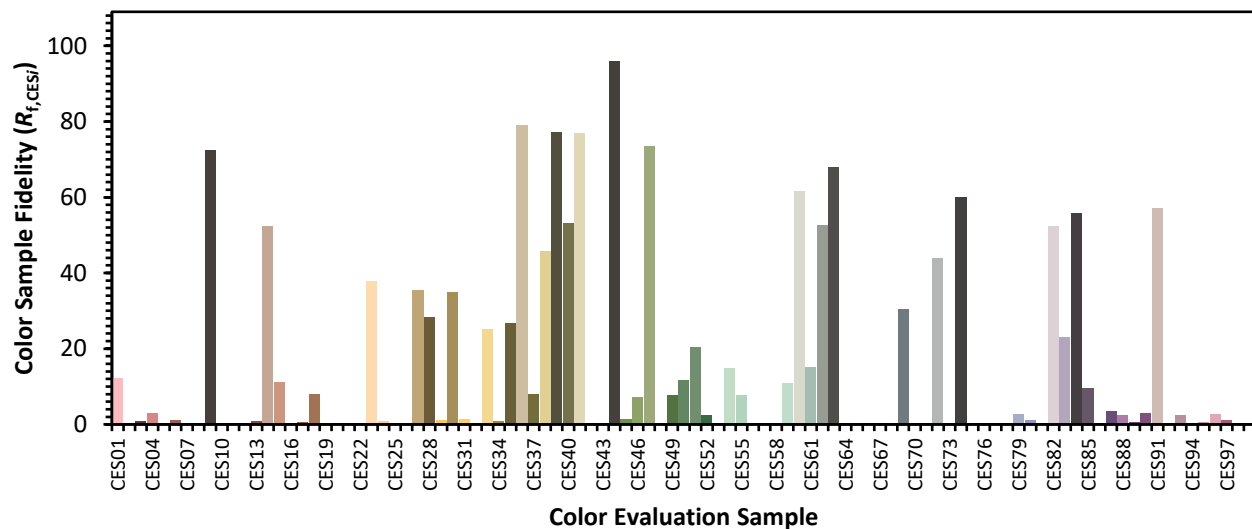


Color Vector Graphics

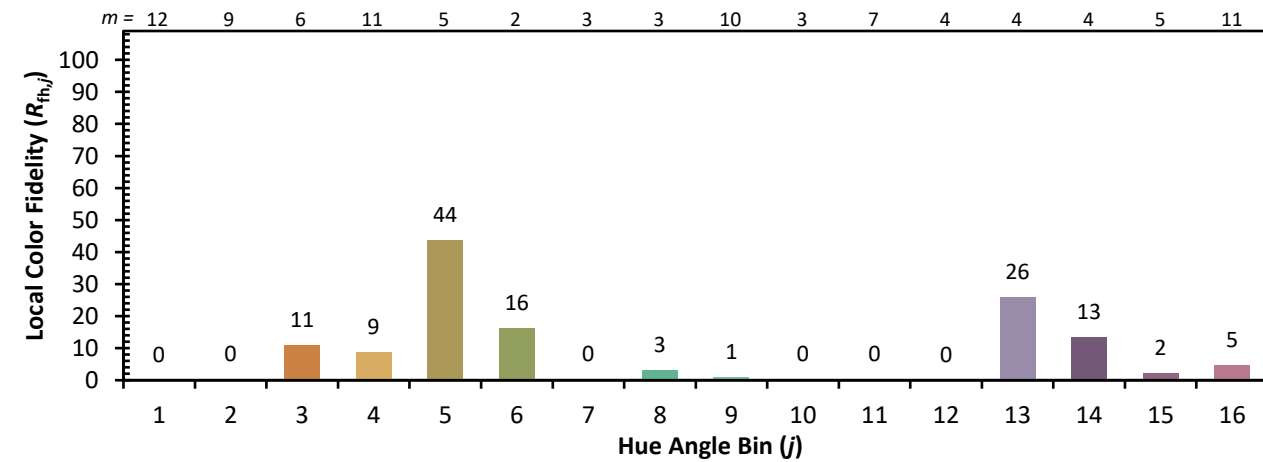
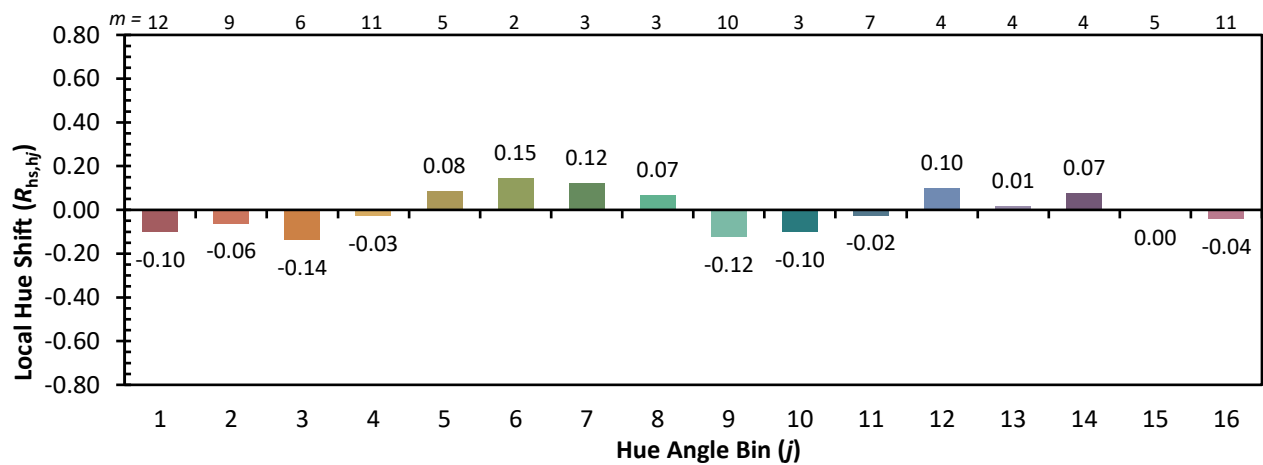
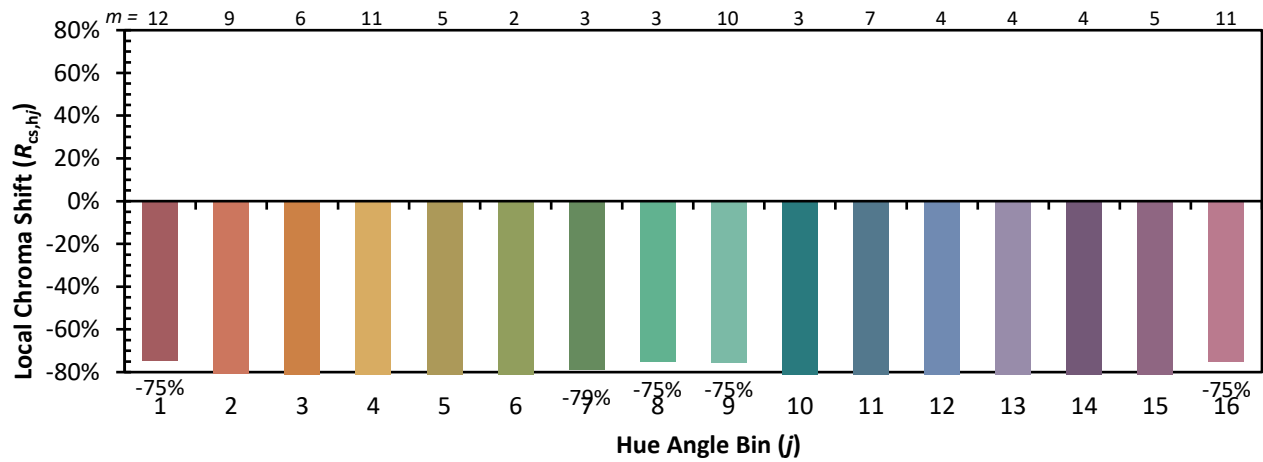


Individual Sample Fidelity Index ($R_{f,i}$)

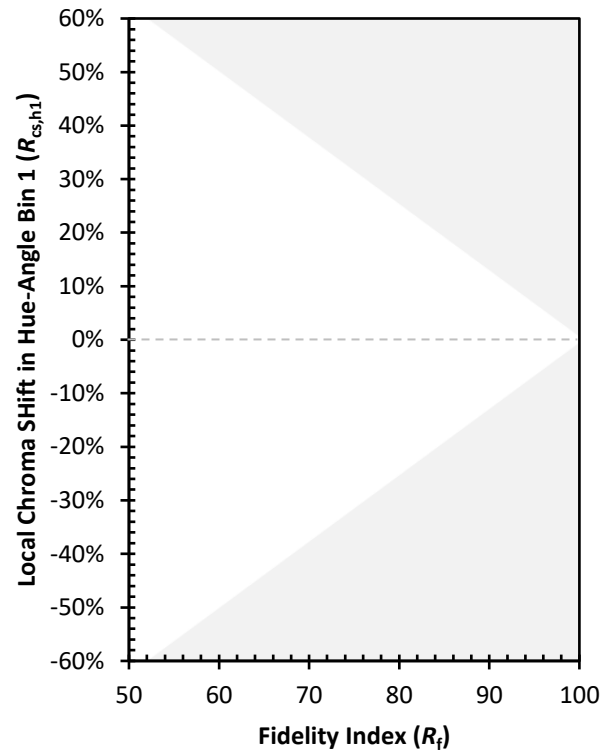
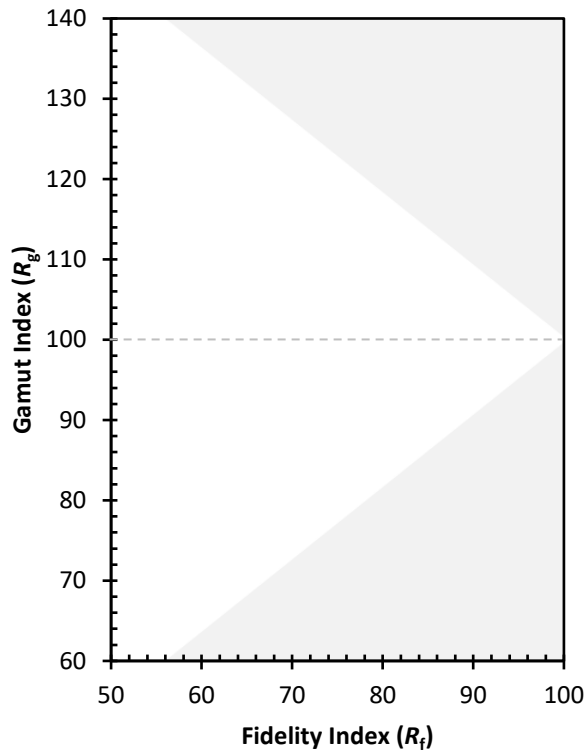
CES01 = 90	CES26 = 0	CES51 = 20	CES76 = 0
CES02 = 70	CES27 = 35	CES52 = 3	CES77 = 0
CES03 = 31	CES28 = 28	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 1	CES54 = 15	CES79 = 3
CES05 = 52	CES30 = 35	CES55 = 8	CES80 = 1
CES06 = 56	CES31 = 1	CES56 = 0	CES81 = 0
CES07 = 42	CES32 = 0	CES57 = 0	CES82 = 52
CES08 = 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)