

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: P981597

Luminaire Tested: **FFX-CLB-30-AMB-U-FR-T3-P-UPLR**

Issue Date: 04/15/2025

Test Information

Test Method: LM-79-08
Report Number: P981597
Test Lab: INNOVATION CENTER(G3)
Issue Date: 04/15/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-30-AMB-U-FR-T3-P-UPLR
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T3 DISTRIBUTION
POLYCARBONATE LENS AND UPLIGHT REFLECTOR
Light Source: (4) 1500K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 727.8 lumens
Efficiency: N/A
Efficacy: 25.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type III - 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): 13%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



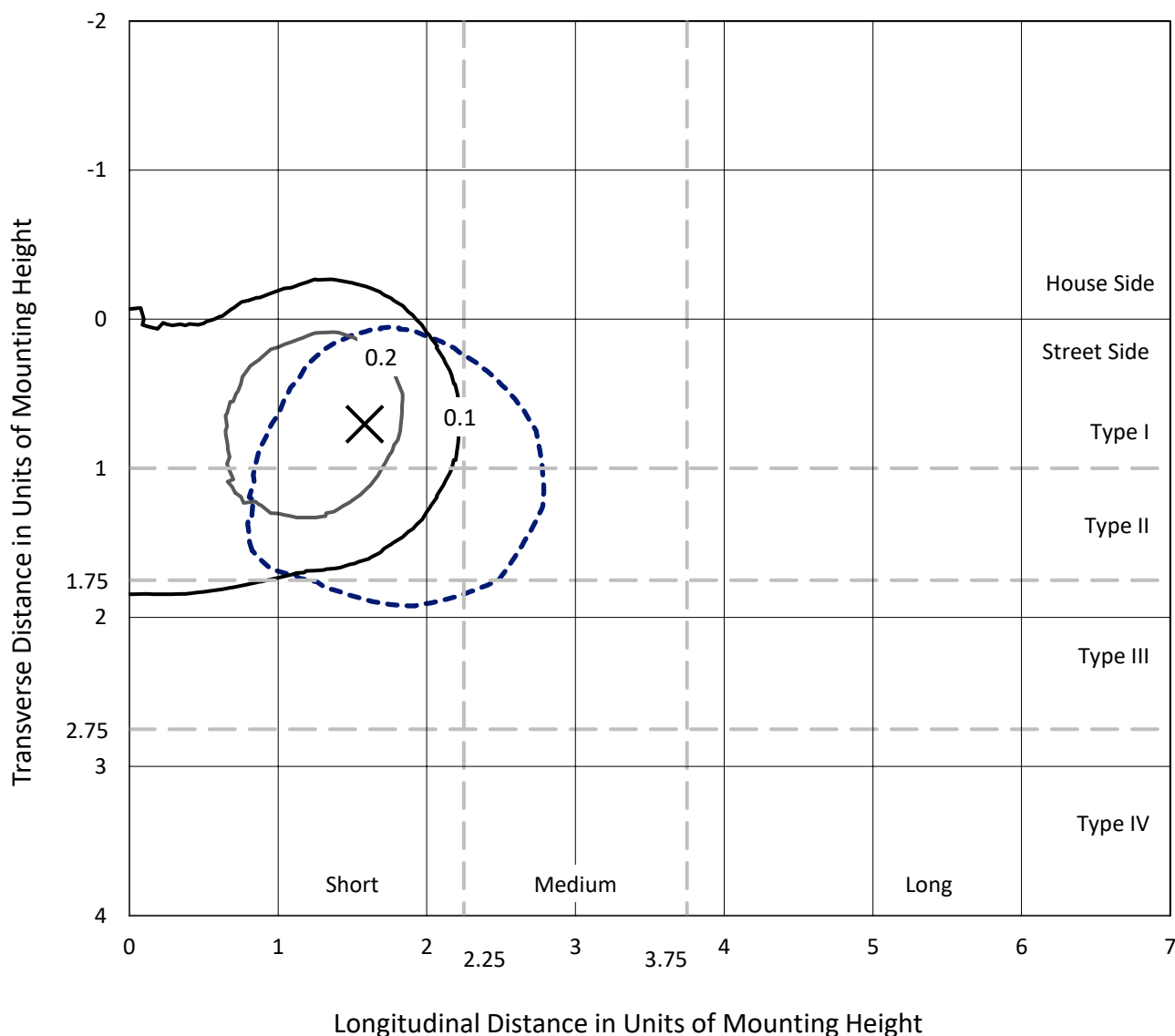
REPORT NUMBER: P981597

CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T3-P-UPLR

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

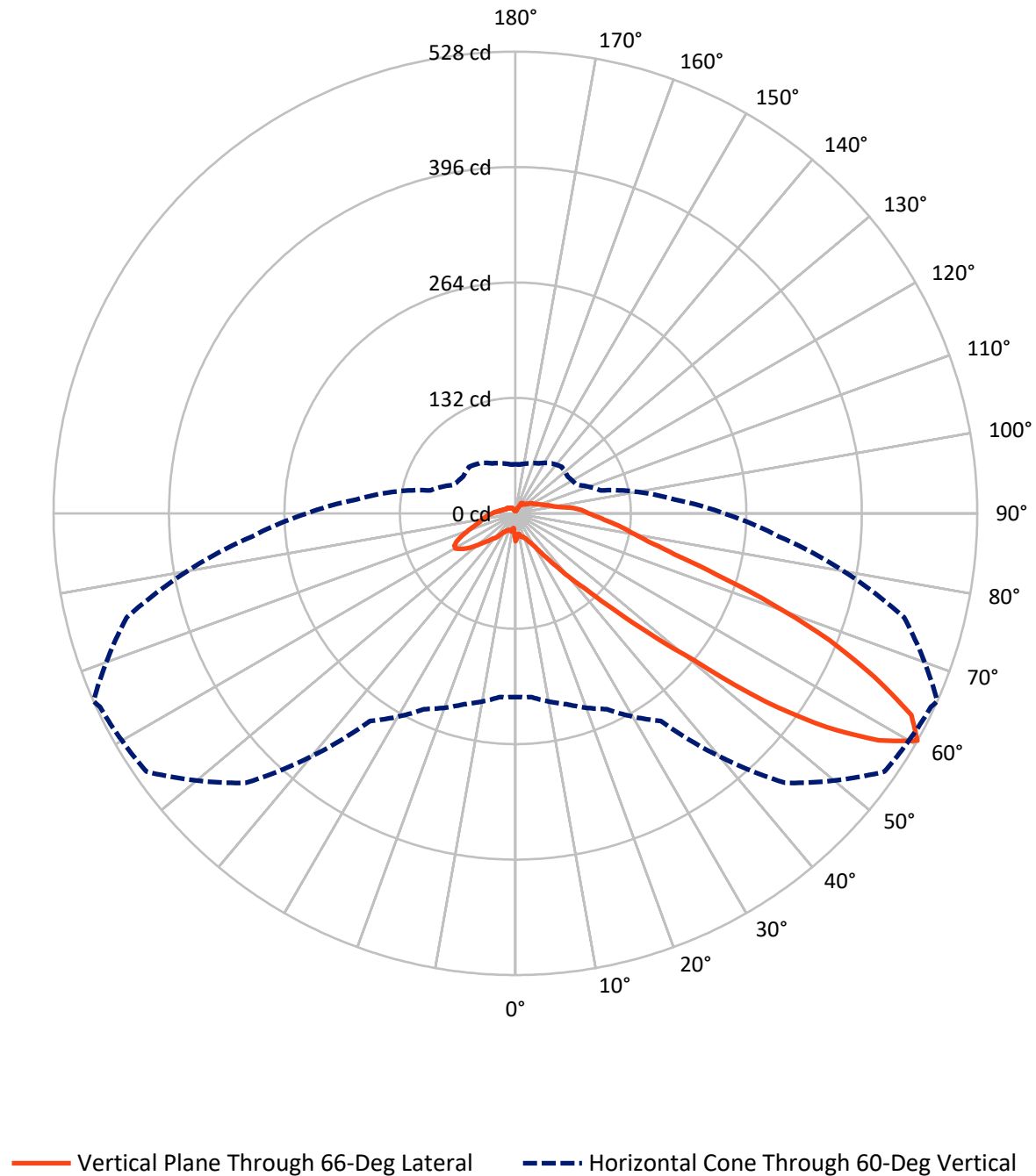


Based on 15 foot mounting height. Maximum calculated value = 0.4 fc

Type III - Short - N/A

REPORT NUMBER: P981597
CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T3-P-UPLR

Luminous Intensity Polar Plot



REPORT NUMBER: P981597

CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T3-P-UPLR

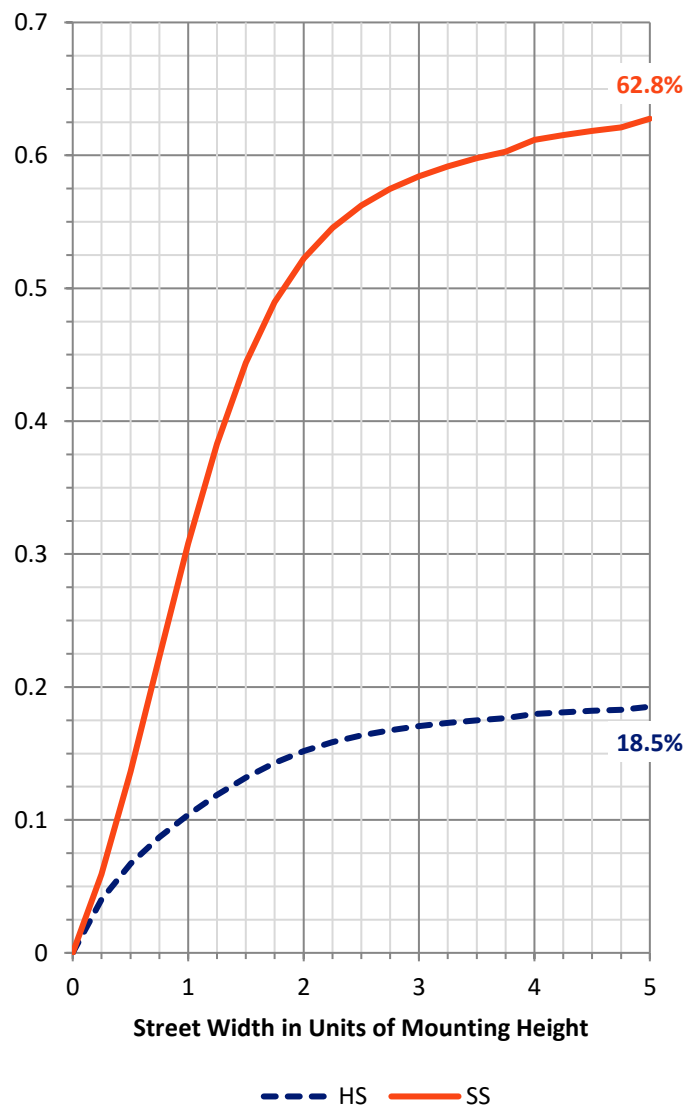
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	142.1	33.4	175.5
	% Fixture	19.5	4.6	24.1
Street Side	Lumens	479.2	73.0	552.2
	% Fixture	65.8	10.0	75.9
Total	Lumens	621.3	106.5	727.8
	% Fixture	85.4	14.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.2	0.3
10°-20°	7.0	1.0
20°-30°	12.8	1.8
30°-40°	26.6	3.7
40°-50°	64.1	8.8
50°-60°	160.9	22.1
60°-70°	187.5	25.8
70°-80°	101.1	13.9
80°-90°	59.1	8.1
90°-100°	37.6	5.2
100°-110°	22.9	3.1
110°-120°	15.9	2.2
120°-130°	11.8	1.6
130°-140°	8.2	1.1
140°-150°	6.0	0.8
150°-160°	2.9	0.4
160°-170°	1.0	0.1
170°-180°	0.3	0.0
0°-90°	621.3	85.4
0°-180°	727.8	100.0

Coefficient of Utilization



REPORT NUMBER: P981597

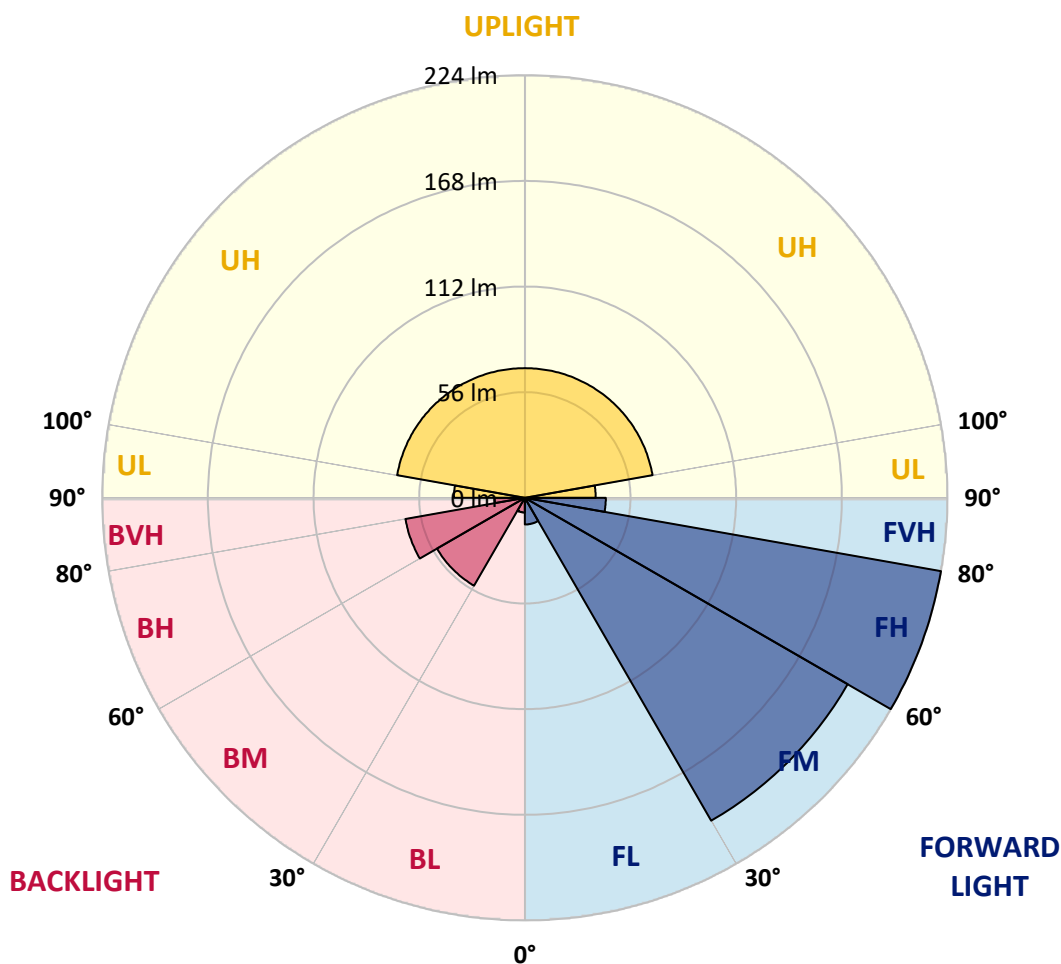
CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T3-P-UPLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	14.2	1.9			
FM	(30°-60°)	197.8	27.2			
FH	(60°-80°)	224.3	30.8			G0/660
FVH	(80°-90°)	43.0	5.9			G1/100
BL	(0°-30°)	7.8	1.1	B0/110		
BM	(30°-60°)	53.8	7.4	B0/220		
BH	(60°-80°)	64.4	8.8	B0/110		G0/110
BVH	(80°-90°)	16.1	2.2			G1/100
UL	(90°-100°)	37.6	5.2		U2/50	
UH	(100°-180°)	68.8	9.5		U3/500	

BUG Rating: B0-U3-G1

Type III Short



REPORT NUMBER: P981597

CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T3-P-UPLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	32	32	32	32	32	32	32	32	32	32	32
2.5°	26	26	28	30	30	29	28	29	29	31	32
5°	28	28	28	28	29	29	27	24	24	22	21
7.5°	30	30	30	29	27	26	25	24	24	23	21
10°	32	32	31	31	30	28	26	25	24	23	23
12.5°	34	34	33	33	32	30	29	27	27	25	24
15°	35	35	35	34	33	31	29	28	28	27	25
17.5°	35	35	35	34	33	31	30	28	28	27	25
20°	36	36	35	34	34	33	31	30	30	28	27
22.5°	36	36	36	35	36	35	34	32	32	31	29
25°	37	37	37	37	38	38	37	36	36	34	31
27.5°	39	39	39	40	41	42	41	40	39	37	33
30°	42	42	42	43	45	47	46	45	45	43	37
32.5°	46	46	46	48	50	54	54	53	53	50	42
35°	51	51	52	55	58	63	64	64	64	59	49
37.5°	61	61	63	65	70	77	80	80	79	73	61
40°	69	69	71	73	80	92	97	98	98	90	72
42.5°	75	75	79	84	93	110	116	121	119	109	85
45°	87	88	92	98	111	139	153	159	155	140	103
47.5°	102	103	107	117	134	178	196	203	202	179	128
50°	123	124	132	146	168	230	260	267	263	233	163
52.5°	153	155	165	179	210	302	347	360	358	310	212
55°	175	177	191	212	250	365	423	433	432	375	253
57.5°	196	197	213	237	279	408	479	489	490	428	285
60°	210	211	226	247	290	436	515	524	528	460	302
62.5°	205	206	220	240	285	422	494	502	508	445	291
65°	181	184	196	216	256	372	440	446	451	393	262
67.5°	157	160	172	186	217	313	379	384	387	332	228
70°	132	133	143	155	184	254	309	315	312	272	189
72.5°	108	108	116	125	149	200	239	240	241	211	152
75°	88	90	95	102	120	156	184	188	188	165	121
77.5°	78	77	81	87	99	128	155	158	155	137	102
80°	69	70	73	77	86	110	134	135	135	119	89
82.5°	62	63	65	69	77	98	118	120	120	105	80
85°	56	56	59	62	68	86	103	105	104	92	71
87.5°	50	51	53	55	60	76	91	92	91	81	62
90°	46	47	48	50	54	69	82	83	82	72	56
92.5°	43	44	45	47	50	63	74	75	75	66	50
95°	39	39	40	42	44	55	65	66	65	58	44
97.5°	33	33	34	35	37	45	52	52	51	45	36
100°	29	30	30	31	33	39	44	44	44	39	32
102.5°	27	27	28	29	30	35	40	40	40	35	29
105°	25	25	26	26	27	32	36	36	35	32	26
107.5°	23	23	24	24	25	29	32	32	32	29	23
110°	22	22	22	22	23	26	29	29	29	26	22



REPORT NUMBER: P981597

CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T3-P-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
112.5°	20	20	21	21	22	24	27	27	27	24	20
115°	19	19	19	20	20	23	24	25	25	23	19
117.5°	18	18	19	19	19	21	23	23	23	21	18
120°	18	18	18	18	19	20	22	22	22	20	17
122.5°	17	17	17	18	18	20	21	21	21	20	16
125°	16	16	16	17	17	19	19	19	19	18	15
127.5°	15	15	15	16	16	17	18	18	18	17	15
130°	14	14	14	15	15	16	16	16	16	16	13
132.5°	13	13	14	14	15	15	15	15	15	15	13
135°	13	13	13	13	14	15	15	15	15	14	12
137.5°	13	13	13	13	13	14	14	14	14	14	12
140°	13	12	12	12	13	14	14	14	14	13	11
142.5°	12	12	12	12	13	13	13	13	12	12	11
145°	12	12	13	13	13	14	14	13	13	13	11
147.5°	13	12	13	13	13	15	15	14	14	14	12
150°	12	11	11	11	13	13	13	13	13	13	11
152.5°	9	9	9	9	10	10	10	9	9	9	9
155°	8	8	8	8	8	8	8	7	7	7	7
157.5°	6	6	6	6	7	6	6	6	6	6	6
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°	4	4	4	4	4	4	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

REPORT NUMBER: P981597

CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T3-P-UPLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	32	32	32	32	32	32	32	32	32	32	32
2.5°	31	30	27	25	24	26	26	24	21	18	17
5°	21	21	21	19	18	17	16	15	15	15	15
7.5°	20	19	18	17	17	15	14	13	14	15	15
10°	22	21	20	18	17	17	17	17	16	15	15
12.5°	23	23	22	21	20	19	18	18	17	18	18
15°	24	24	22	21	20	19	18	17	17	17	16
17.5°	25	24	22	20	19	18	16	16	15	15	15
20°	26	24	22	20	19	17	16	15	14	14	14
22.5°	27	26	23	21	19	17	15	14	14	13	13
25°	29	27	24	21	19	17	15	14	13	13	13
27.5°	31	29	26	22	19	17	16	14	13	13	13
30°	34	32	27	24	20	18	16	15	14	13	13
32.5°	39	35	30	25	22	19	17	15	14	14	14
35°	44	41	34	28	24	21	18	16	15	14	14
37.5°	54	48	40	33	27	23	20	18	16	15	15
40°	61	54	43	36	30	27	23	20	17	16	16
42.5°	74	63	48	38	31	29	27	23	20	18	18
45°	88	74	56	43	34	31	29	26	23	21	20
47.5°	105	87	63	47	38	35	33	29	26	24	23
50°	133	107	72	53	44	41	38	33	30	27	27
52.5°	166	134	85	60	52	50	46	40	35	32	31
55°	197	154	92	67	60	60	56	49	42	39	38
57.5°	221	171	96	72	67	68	64	57	52	48	47
60°	238	182	101	77	73	75	70	63	59	56	56
62.5°	232	178	98	77	73	77	73	67	64	61	60
65°	210	162	92	72	68	72	69	65	64	62	61
67.5°	184	143	82	65	62	65	62	59	58	58	56
70°	154	122	72	57	55	57	55	51	49	49	49
72.5°	125	101	64	50	47	48	46	43	42	42	43
75°	102	83	55	44	41	40	38	36	35	36	38
77.5°	86	72	50	40	37	35	32	30	29	30	31
80°	77	65	46	38	33	32	28	26	25	25	26
82.5°	69	59	43	35	31	29	26	23	22	22	22
85°	62	53	39	32	28	26	23	21	20	20	20
87.5°	54	47	35	29	26	24	21	19	18	18	18
90°	48	42	32	26	23	22	19	17	16	17	17
92.5°	44	38	29	24	22	20	18	16	15	15	15
95°	39	33	26	22	20	18	16	14	14	14	14
97.5°	32	28	22	19	17	16	14	13	12	12	12
100°	28	25	20	18	16	14	13	12	11	11	11
102.5°	25	23	18	16	15	13	12	11	11	10	11
105°	23	21	17	15	14	12	11	10	10	10	10
107.5°	21	19	16	14	13	12	10	10	9	9	9
110°	20	18	15	13	12	11	10	9	8	8	8



REPORT NUMBER: P981597

CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T3-P-UPLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	18	17	14	12	11	10	9	9	8	8	8
115°	17	16	13	12	11	10	9	8	7	7	7
117.5°	16	15	13	11	10	9	9	8	7	7	7
120°	16	14	12	11	10	9	8	7	7	6	6
122.5°	15	14	12	11	10	9	8	7	7	6	6
125°	14	13	12	10	9	8	8	7	6	6	6
127.5°	14	13	11	10	9	8	7	7	6	6	6
130°	12	12	10	9	8	8	7	6	6	5	5
132.5°	12	11	10	9	8	7	7	6	5	5	5
135°	11	10	9	8	7	7	6	6	5	5	5
137.5°	11	10	9	8	7	7	6	6	5	5	5
140°	10	10	9	8	7	6	6	5	5	4	4
142.5°	10	9	8	7	7	6	5	5	4	4	4
145°	10	9	8	7	7	6	6	5	4	4	4
147.5°	11	10	8	7	7	6	5	5	4	4	4
150°	10	9	8	7	6	5	5	4	4	3	3
152.5°	8	7	6	6	5	5	4	4	3	3	3
155°	7	6	6	5	5	4	4	4	3	3	3
157.5°	5	5	5	4	4	4	4	3	3	3	3
160°	5	4	4	4	4	4	3	3	3	3	3
162.5°	4	4	4	3	3	3	3	3	3	3	3
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

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

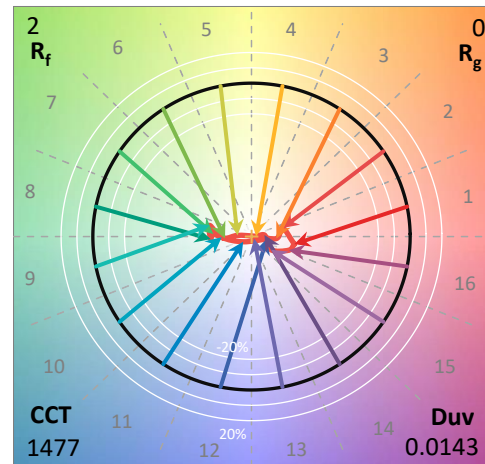
Data in this report applies to families of products including FFX-CLB-AMB-U-FR-T5

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

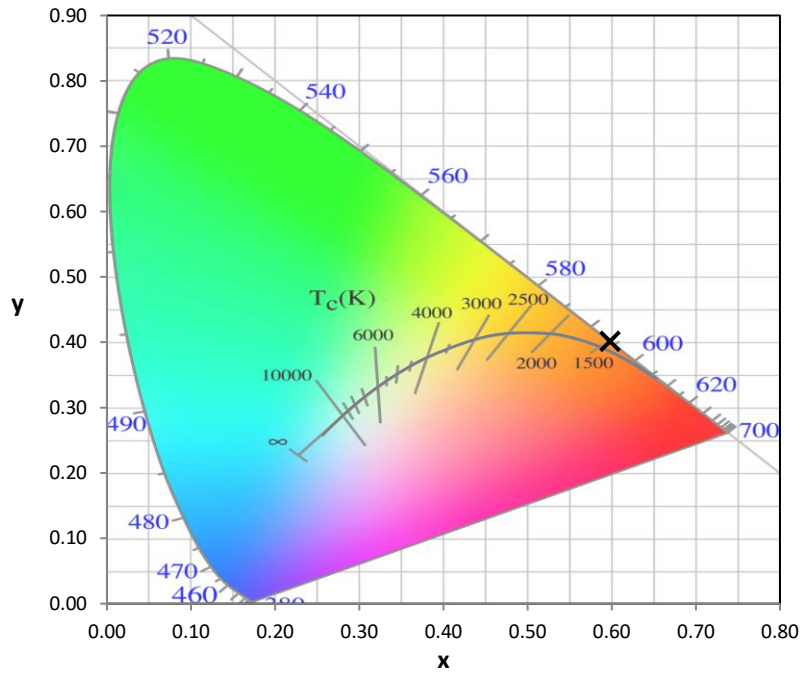
Stabilization Time: 152M
 Operation Time: 3H 32M
 Sphere Temperature (°C): 24.9

REPORT NUMBER: SP1-2501-332-6

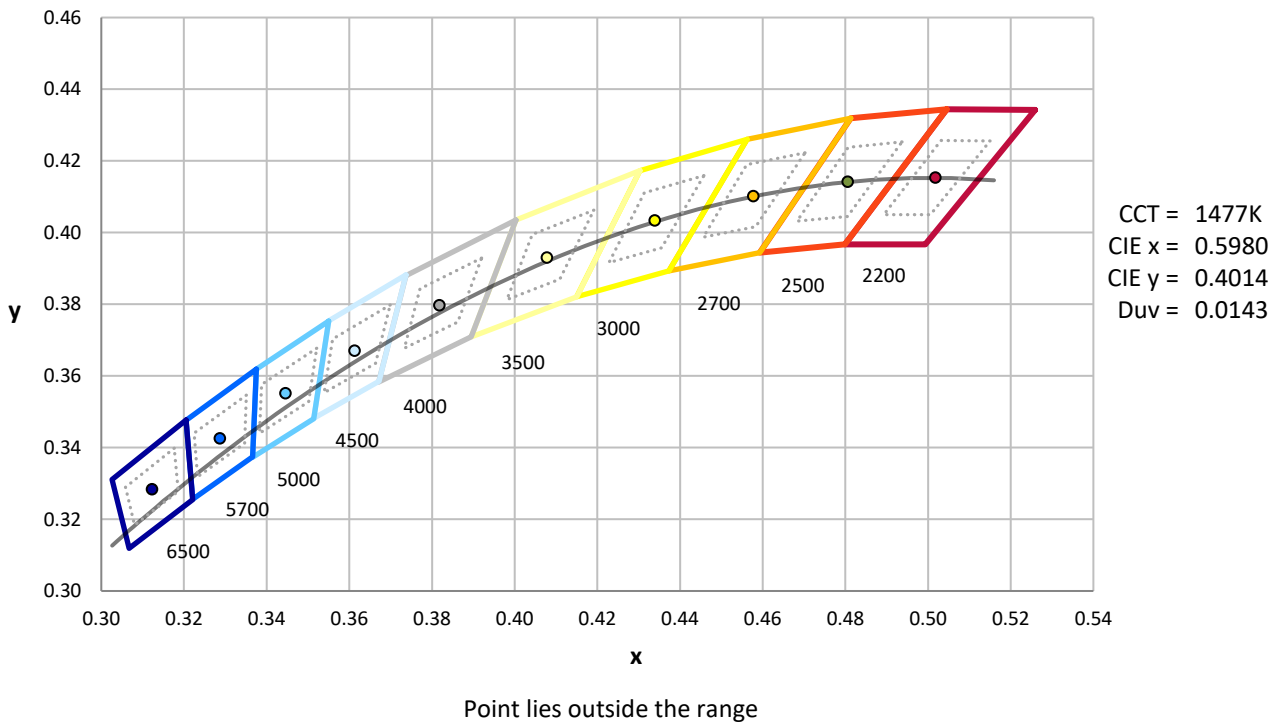
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-6

CIE 1931 Chromaticity Diagram

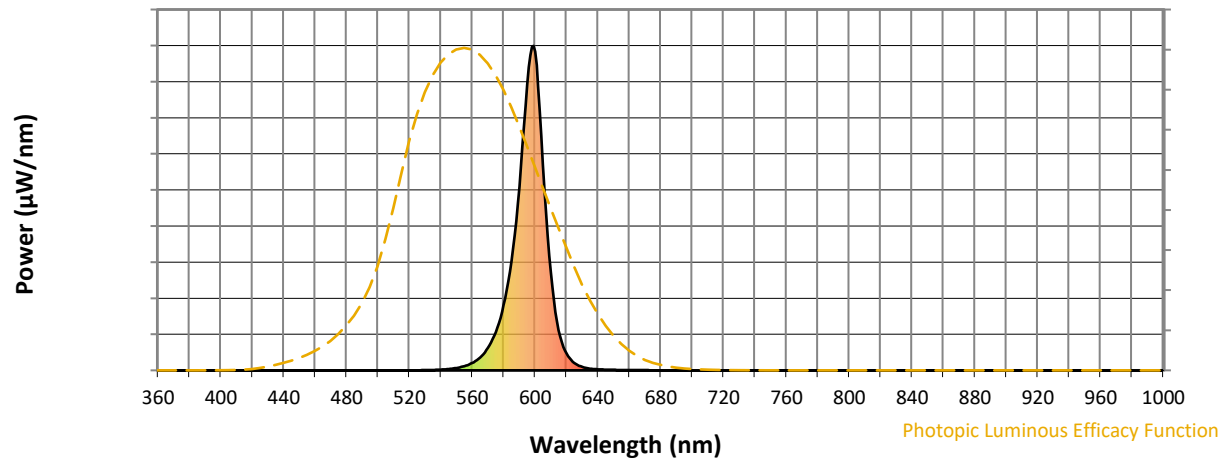


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2501-332-6

Photopic Flux vs. Wavelength

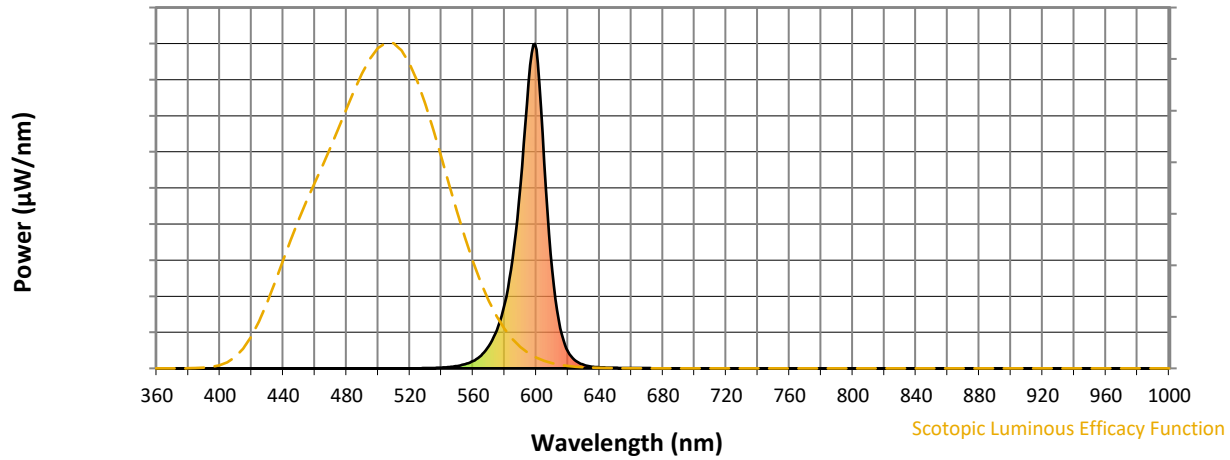


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2501-332-6

Scotopic Flux vs. Wavelength



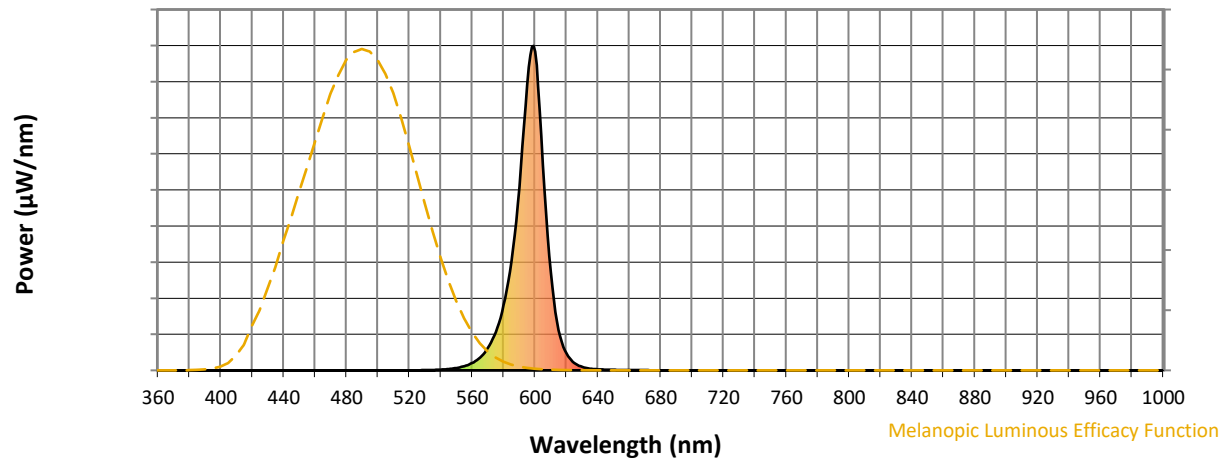
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2501-332-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 0.11

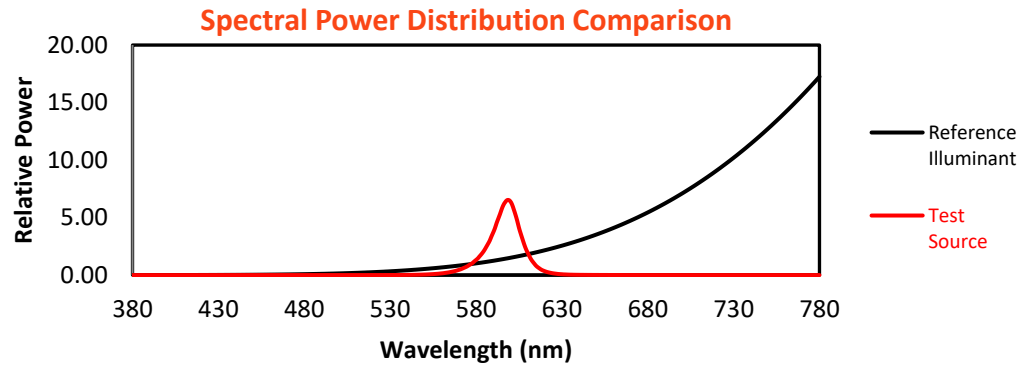
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	0	NR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

REPORT NUMBER: SP1-2501-332-6

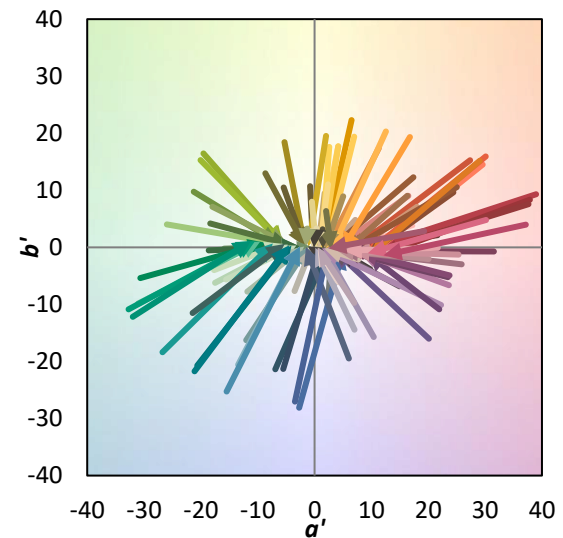
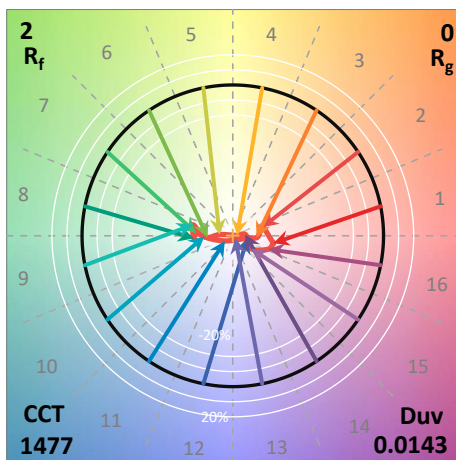
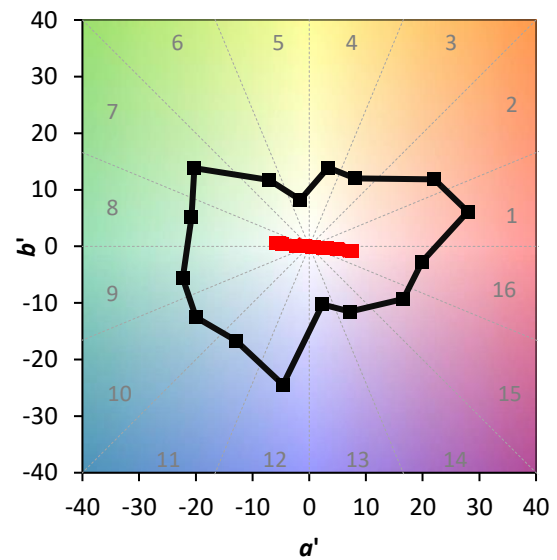
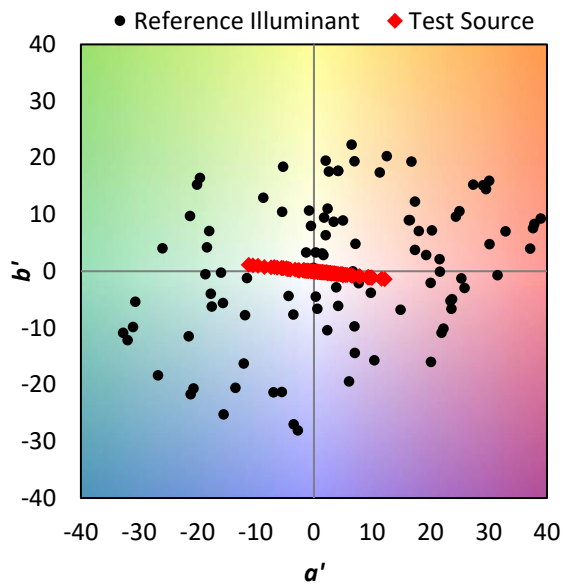
TM-30-18

Summary

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

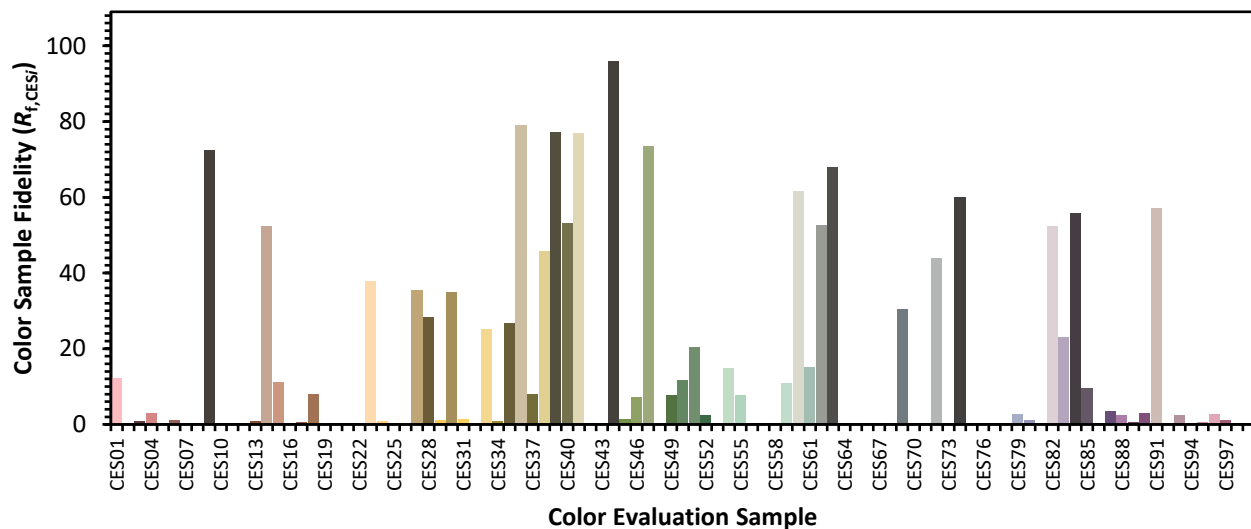


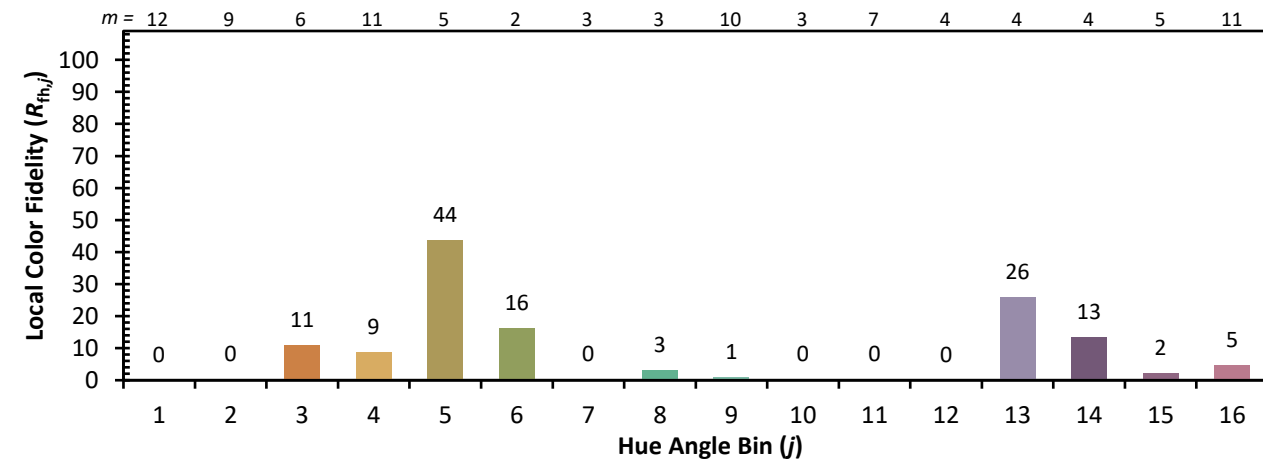
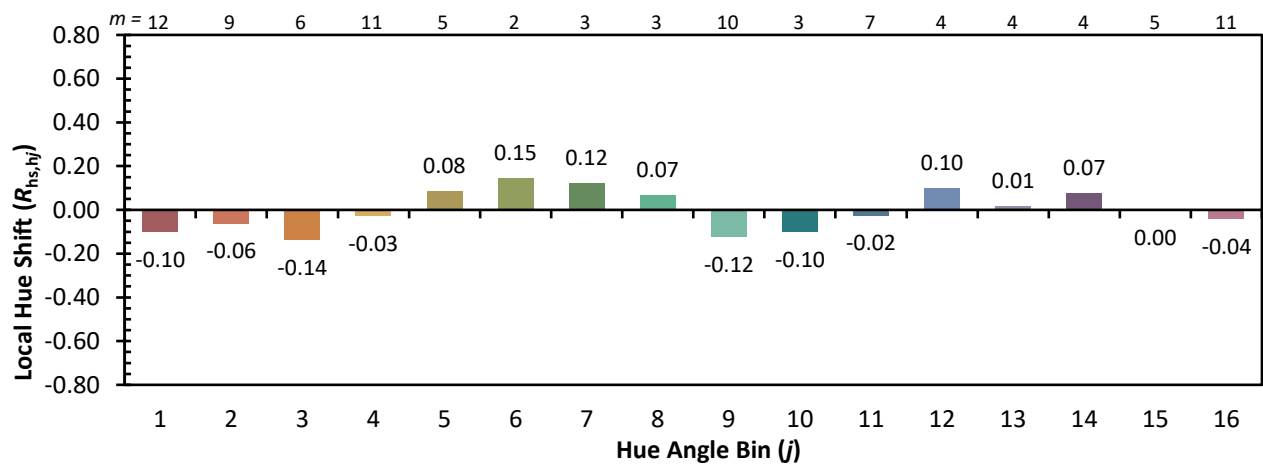
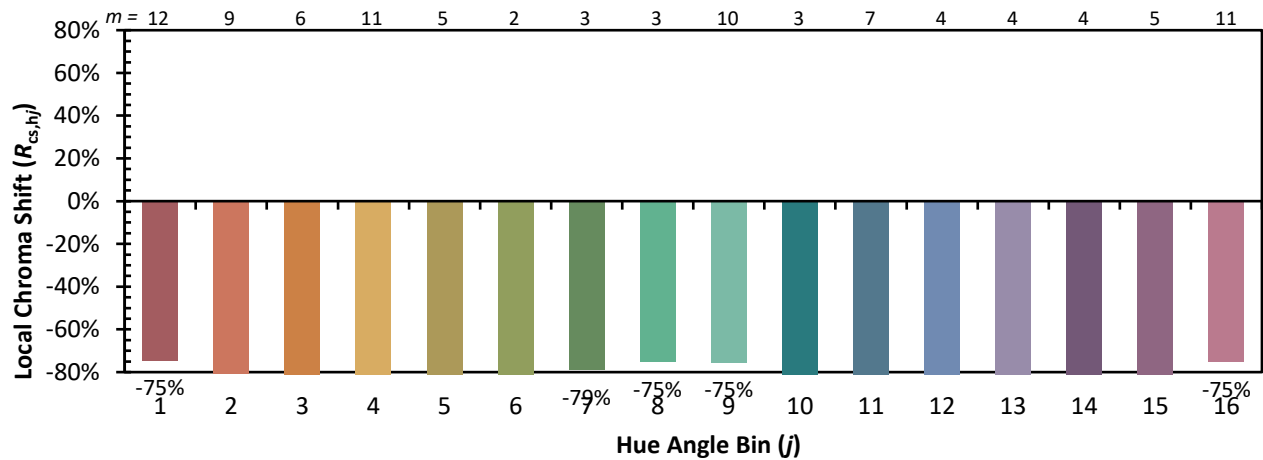
Color Vector Graphics



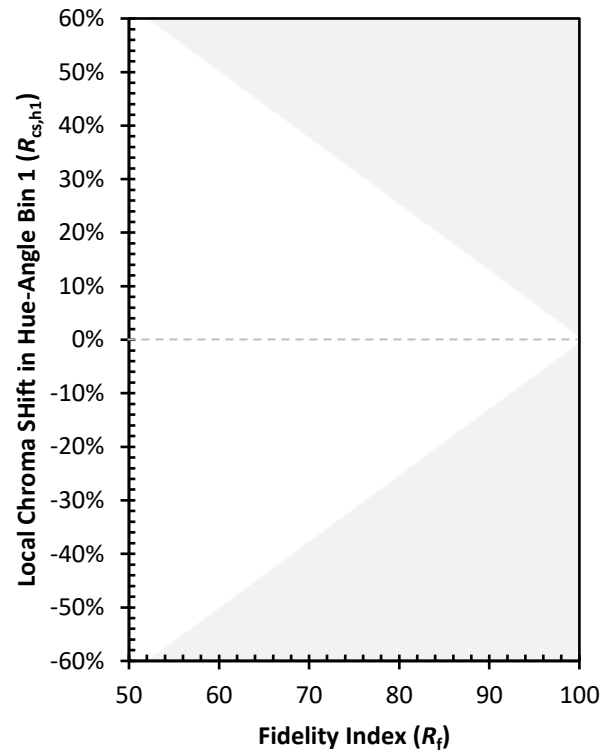
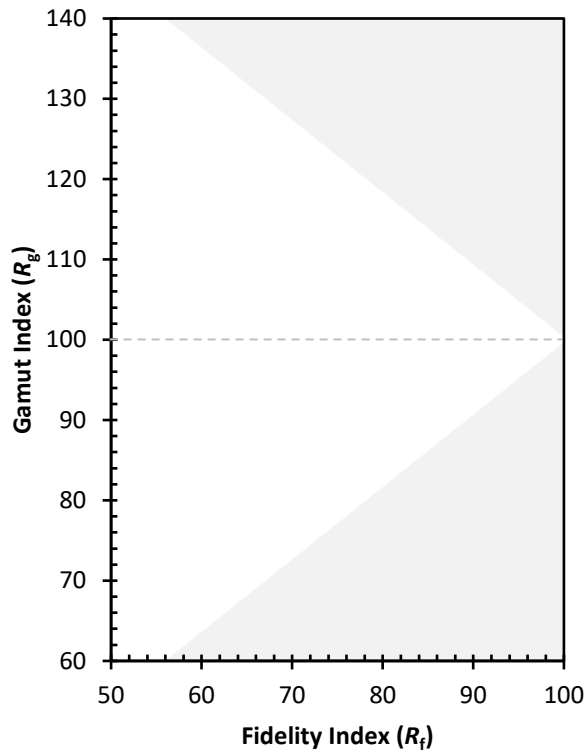
Individual Sample Fidelity Index ($R_{f,i}$)

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)