

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: P1175338

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

Issue Date: 08/12/2025

Test Information

Test Method: LM-79-08
Report Number: P1175338
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-HSS
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T4 DISTRIBUTION
(POLYCARBONATE), UPLIGHT REFLECTOR AND HOUSESIDE SHIELD
Light Source: (4) 1500K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 639.8 lumens
Efficiency: N/A
Efficacy: 22.2 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

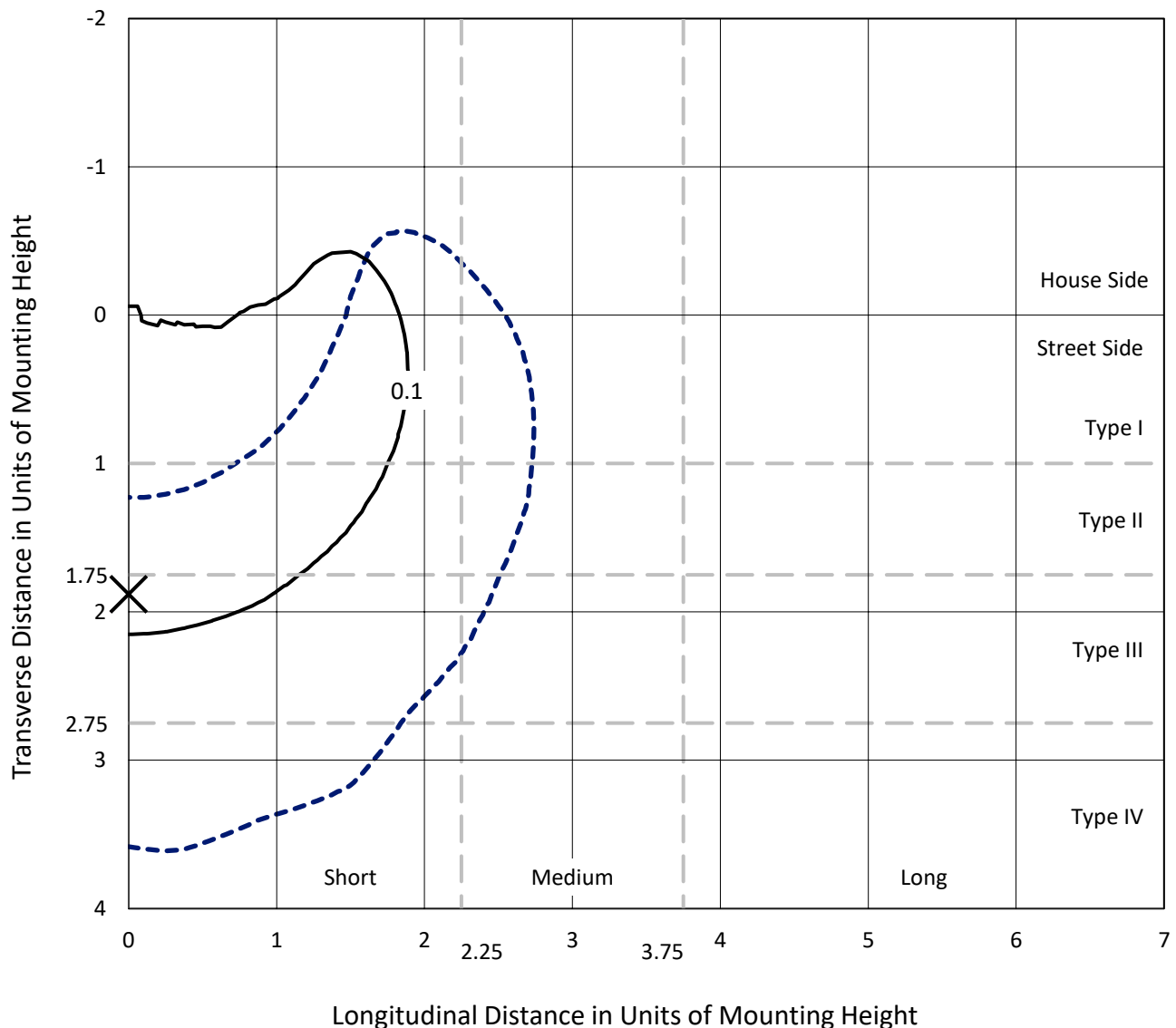


REPORT NUMBER: P1175338

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

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

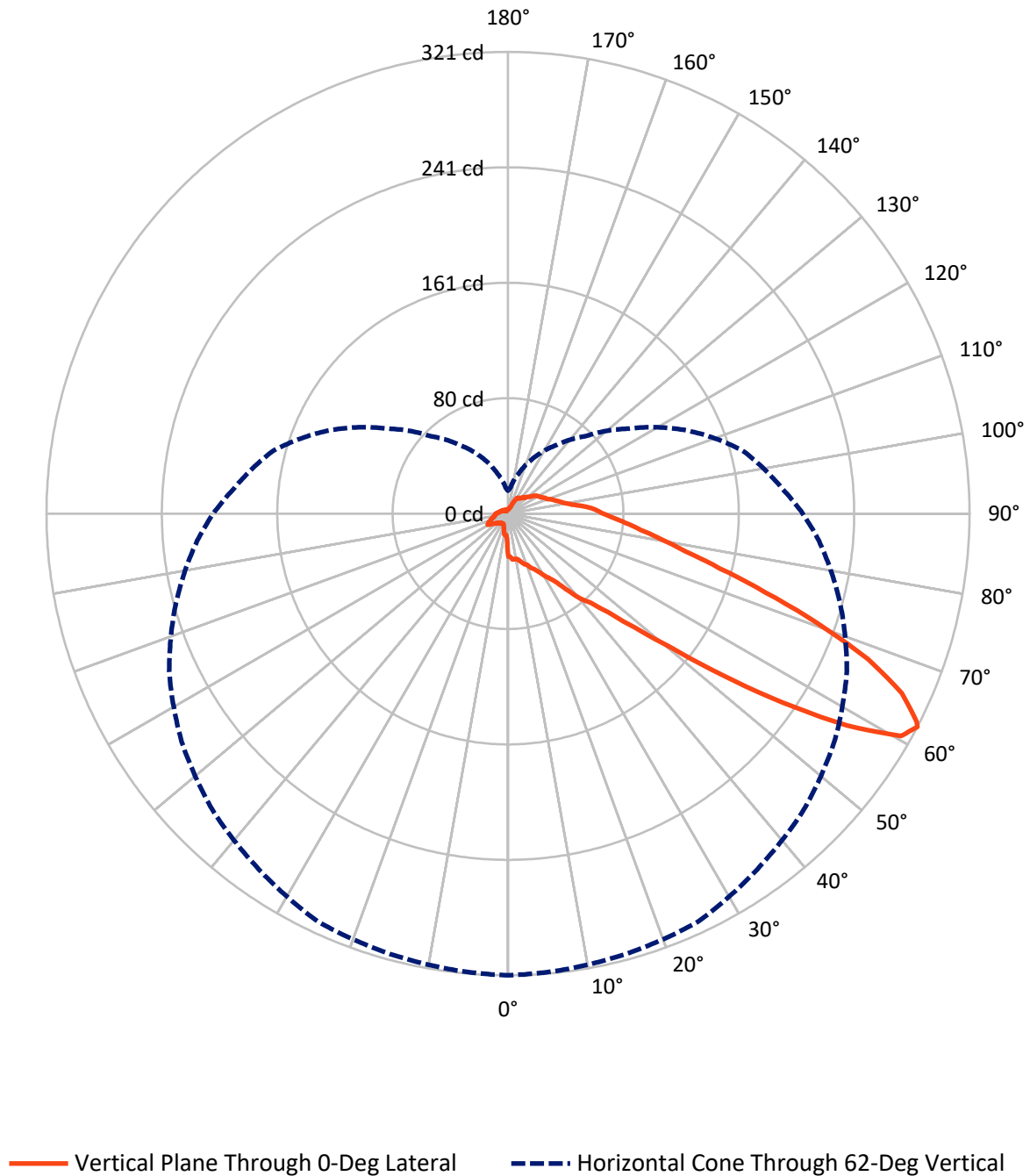


Based on 15 foot mounting height. Maximum calculated value = 0.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P1175338

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

Luminous Intensity Polar Plot



REPORT NUMBER: P1175338

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

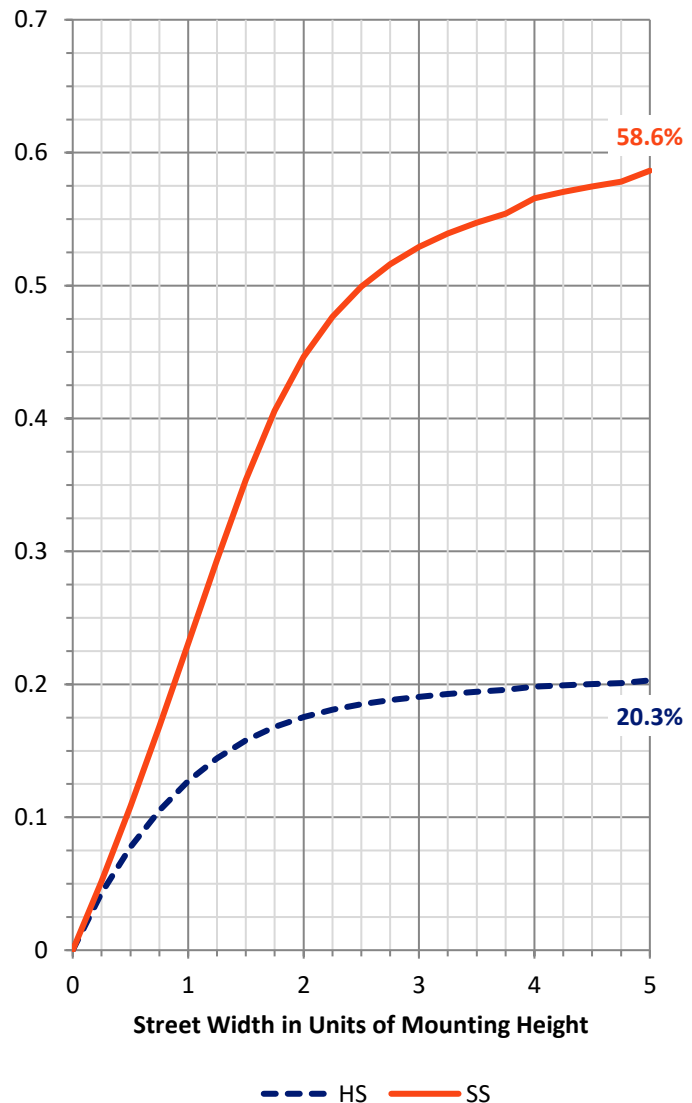
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	136.0	31.0	167.0
	% Fixture	21.3	4.8	26.1
Street Side	Lumens	399.0	73.9	472.8
	% Fixture	62.4	11.5	73.9
Total	Lumens	535.0	104.9	639.8
	% Fixture	83.6	16.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.3
10°-20°	6.5	1.0
20°-30°	12.5	1.9
30°-40°	23.5	3.7
40°-50°	49.0	7.7
50°-60°	123.6	19.3
60°-70°	165.8	25.9
70°-80°	96.3	15.0
80°-90°	55.7	8.7
90°-100°	36.2	5.7
100°-110°	23.0	3.6
110°-120°	16.1	2.5
120°-130°	11.7	1.8
130°-140°	8.0	1.2
140°-150°	5.6	0.9
150°-160°	2.8	0.4
160°-170°	1.0	0.2
170°-180°	0.3	0.0
0°-90°	535.0	83.6
0°-180°	639.8	100.0



REPORT NUMBER: P1175338

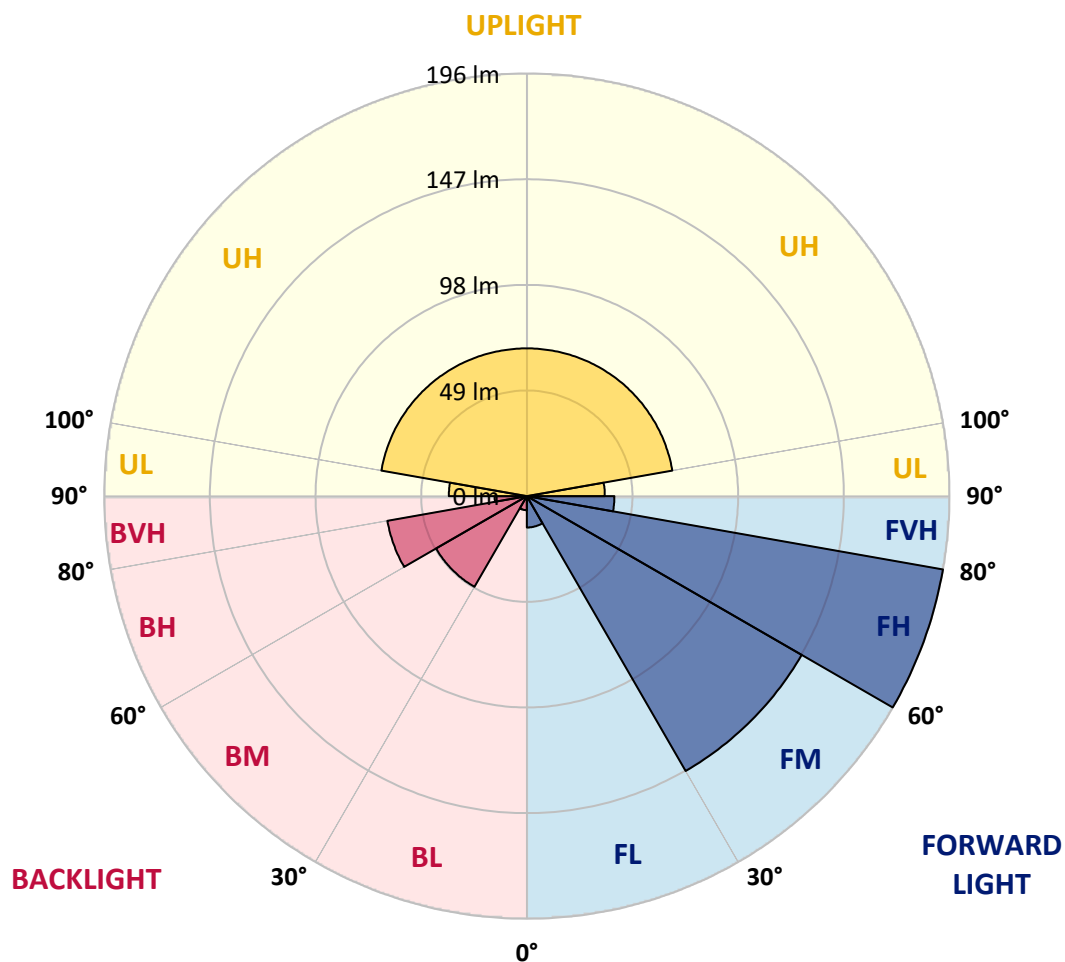
CATALOG NUMBER: FFX-CLB-30-AMB-U-FR-T4-UPLR-P-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	14.6	2.3			
FM	(30°-60°)	147.4	23.0			
FH	(60°-80°)	196.3	30.7			G0/660
FVH	(80°-90°)	40.7	6.4			G1/100
BL	(0°-30°)	6.5	1.0	B0/110		
BM	(30°-60°)	48.7	7.6	B0/220		
BH	(60°-80°)	65.8	10.3	B0/110		G0/110
BVH	(80°-90°)	15.0	2.3			G1/100
UL	(90°-100°)	36.2	5.7		U2/50	
UH	(100°-180°)	68.6	10.7		U3/500	

BUG Rating: B0-U3-G1

Type IV Short



REPORT NUMBER: P1175338

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	30	30	30	30	30	30	30	30	30	30	30
2.5°	30	30	31	31	30	29	27	25	25	25	25
5°	32	32	31	30	29	27	25	23	21	20	20
7.5°	32	32	32	31	29	27	25	23	21	20	19
10°	32	32	32	31	30	29	27	24	23	21	20
12.5°	33	33	33	32	32	30	29	27	25	23	22
15°	35	35	35	34	33	32	30	28	26	24	23
17.5°	37	37	36	35	35	33	31	29	27	25	23
20°	38	38	38	37	36	35	33	31	28	26	25
22.5°	41	40	40	39	39	37	35	32	30	28	26
25°	43	43	43	42	41	39	37	35	32	29	28
27.5°	46	46	46	45	44	42	40	37	34	31	30
30°	50	49	49	48	47	45	43	40	37	34	32
32.5°	54	53	53	53	51	49	46	44	40	37	35
35°	59	59	59	58	56	54	51	49	45	41	40
37.5°	68	68	68	66	65	63	60	58	53	49	46
40°	78	77	76	74	74	71	70	66	61	56	53
42.5°	85	84	86	85	85	80	77	72	68	62	59
45°	98	98	99	99	98	94	89	83	78	71	68
47.5°	118	117	118	117	117	111	107	100	93	83	79
50°	145	144	145	145	146	138	131	123	114	104	98
52.5°	186	184	184	184	185	174	168	158	145	131	124
55°	232	230	228	230	230	215	207	194	179	163	152
57.5°	278	276	276	278	274	258	244	228	209	190	180
60°	314	313	310	309	301	287	275	257	234	212	201
62°	321	320	317	313	302	291	277	260	239	217	205
62.5°	319	319	316	312	299	289	274	258	238	216	204
65°	301	301	294	290	273	266	253	239	221	202	191
67.5°	270	271	264	257	239	232	220	211	198	180	170
70°	228	230	222	221	203	198	187	179	168	155	147
72.5°	187	189	182	183	167	162	152	146	135	125	119
75°	152	155	148	148	136	132	124	118	108	99	94
77.5°	126	128	123	123	114	111	106	101	92	84	79
80°	108	108	105	105	99	97	94	89	81	74	70
82.5°	93	93	91	91	87	86	84	79	72	66	63
85°	82	82	80	80	77	76	74	70	65	59	56
87.5°	72	72	70	71	68	67	65	62	57	53	50
90°	65	65	64	64	62	61	59	56	52	48	46
92.5°	60	60	59	59	56	55	54	51	48	44	42
95°	53	54	52	53	50	49	48	46	43	40	38
97.5°	45	45	44	44	42	42	40	38	36	33	32
100°	40	41	40	40	38	37	36	34	32	29	28
102.5°	37	37	37	36	35	34	33	31	29	27	26
105°	34	34	34	33	32	31	30	28	27	25	24
107.5°	32	32	31	31	29	29	28	26	25	23	22



REPORT NUMBER: P1175338

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

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
110°	29	29	29	29	27	27	25	24	23	21	20
112.5°	28	28	27	27	25	24	24	22	21	19	19
115°	26	26	26	26	24	23	22	21	20	18	17
117.5°	25	25	24	24	23	22	21	20	19	17	16
120°	24	23	23	23	22	21	20	19	18	17	16
122.5°	23	22	22	22	21	20	19	18	17	16	15
125°	21	21	20	20	20	19	18	17	16	15	14
127.5°	19	19	19	19	18	17	17	16	15	14	14
130°	18	17	17	18	17	16	15	15	14	13	13
132.5°	16	16	16	16	16	15	15	14	13	13	12
135°	16	16	15	16	15	14	14	13	13	12	11
137.5°	15	15	15	14	14	14	13	13	12	11	11
140°	14	14	14	14	14	13	13	12	12	11	10
142.5°	13	13	13	13	13	13	12	12	11	10	10
145°	13	13	13	13	13	13	13	12	11	11	10
147.5°	13	13	13	13	13	13	13	12	12	11	10
150°	12	11	11	11	11	12	12	11	11	10	10
152.5°	10	9	9	9	9	10	10	9	9	8	8
155°	8	8	8	8	8	8	8	8	7	7	7
157.5°	6	6	6	6	6	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	4	4	4	4	4
167.5°	4	4	3	4	4	4	4	4	4	4	4
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: P1175338

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

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	30	30	30	30	30	30	30	30	30	30
2.5°	24	22	21	21	23	22	22	20	18	18
5°	19	18	17	16	17	16	16	15	15	15
7.5°	19	18	16	16	15	15	15	15	15	15
10°	20	18	17	16	15	14	14	15	15	15
12.5°	21	19	18	16	15	14	13	13	14	13
15°	22	19	17	15	14	12	12	11	11	11
17.5°	22	20	18	15	13	12	11	10	10	10
20°	24	21	18	15	13	11	10	9	9	9
22.5°	25	22	19	16	13	11	10	9	8	8
25°	26	23	20	16	13	11	10	9	8	8
27.5°	28	25	21	17	14	11	10	9	8	8
30°	30	26	22	18	14	12	10	9	8	8
32.5°	33	29	24	19	15	12	10	9	8	8
35°	38	32	27	20	16	13	10	9	8	8
37.5°	45	38	31	23	17	13	11	9	8	8
40°	50	43	35	25	19	15	12	10	9	9
42.5°	56	47	38	29	21	16	13	10	9	9
45°	65	55	44	33	25	18	14	11	9	9
47.5°	76	65	53	40	29	21	16	12	10	10
50°	94	80	64	47	35	26	18	13	11	10
52.5°	119	101	81	60	44	32	22	15	12	11
55°	145	124	99	74	54	39	28	19	13	12
57.5°	172	148	118	87	65	48	35	23	14	13
60°	190	166	135	99	74	55	41	27	17	15
62°	192	169	137	103	76	58	43	29	18	16
62.5°	191	168	137	102	76	58	43	29	18	16
65°	178	157	129	96	72	55	40	27	18	15
67.5°	159	140	114	85	64	50	36	24	15	14
70°	137	120	96	72	55	44	32	21	14	13
72.5°	113	99	80	60	46	37	27	18	12	12
75°	88	78	64	50	39	31	23	16	11	11
77.5°	74	65	54	42	33	26	19	14	11	10
80°	66	58	47	36	29	23	17	12	10	10
82.5°	60	52	43	33	26	20	15	11	10	9
85°	53	47	38	30	24	19	14	11	9	9
87.5°	48	42	35	27	22	17	13	10	9	9
90°	43	38	32	25	20	16	12	9	8	8
92.5°	40	35	29	23	19	15	11	9	8	8
95°	36	32	26	21	17	13	10	8	7	7
97.5°	30	27	22	18	15	12	9	8	7	7
100°	27	24	20	16	14	11	9	7	6	6
102.5°	24	22	19	15	13	10	8	7	6	6
105°	22	20	17	14	11	10	8	6	6	6
107.5°	21	18	15	13	11	9	7	6	5	5



REPORT NUMBER: P1175338

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

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
110°	19	17	14	12	10	8	7	6	5	5
112.5°	17	15	13	11	9	7	6	5	5	5
115°	16	15	12	10	8	7	6	5	5	5
117.5°	16	14	12	10	8	7	6	5	4	4
120°	15	13	11	9	8	6	5	5	4	4
122.5°	14	13	11	9	7	6	5	5	4	4
125°	14	12	10	8	7	6	5	4	4	4
127.5°	13	11	10	8	6	5	5	4	4	4
130°	12	11	9	7	6	5	4	4	4	4
132.5°	11	10	8	7	6	5	4	4	3	3
135°	11	9	8	7	6	5	4	4	3	3
137.5°	10	9	8	6	6	5	4	3	3	3
140°	10	9	8	6	5	4	4	3	3	3
142.5°	9	8	7	6	5	4	4	3	3	3
145°	10	8	7	6	5	4	4	3	3	3
147.5°	10	9	8	6	5	4	3	3	2	2
150°	9	8	7	6	5	4	3	3	2	2
152.5°	8	7	6	5	4	3	3	3	2	2
155°	6	6	5	4	4	3	3	2	2	2
157.5°	5	5	4	4	3	3	3	3	3	3
160°	5	4	4	3	3	3	3	3	3	3
162.5°	4	4	3	3	3	3	3	3	3	3
165°	4	3	3	3	3	3	3	3	3	3
167.5°	4	4	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

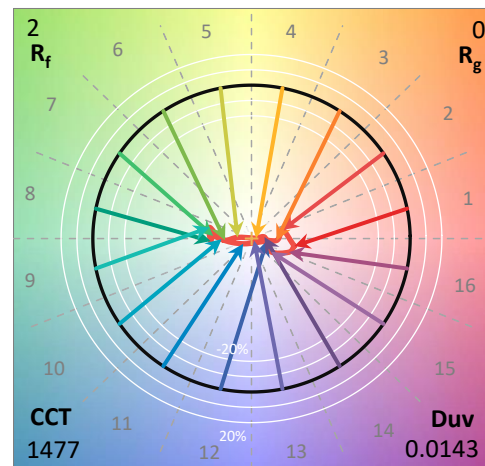
Data in this report applies to families of products including FFX-CLB-AMB-U-FR-T5

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

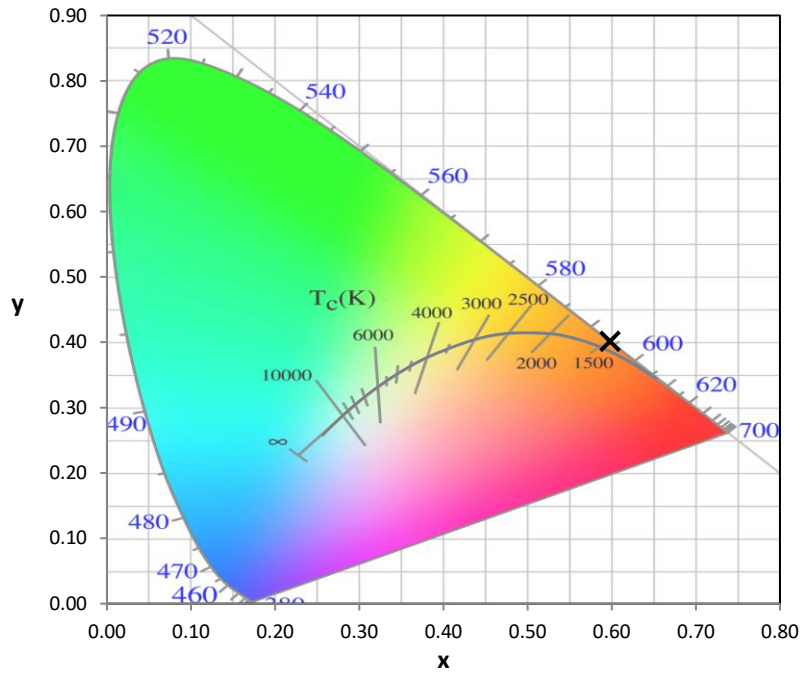
Stabilization Time: 152M
 Operation Time: 3H 32M
 Sphere Temperature (°C): 24.9

REPORT NUMBER: SP1-2501-332-6

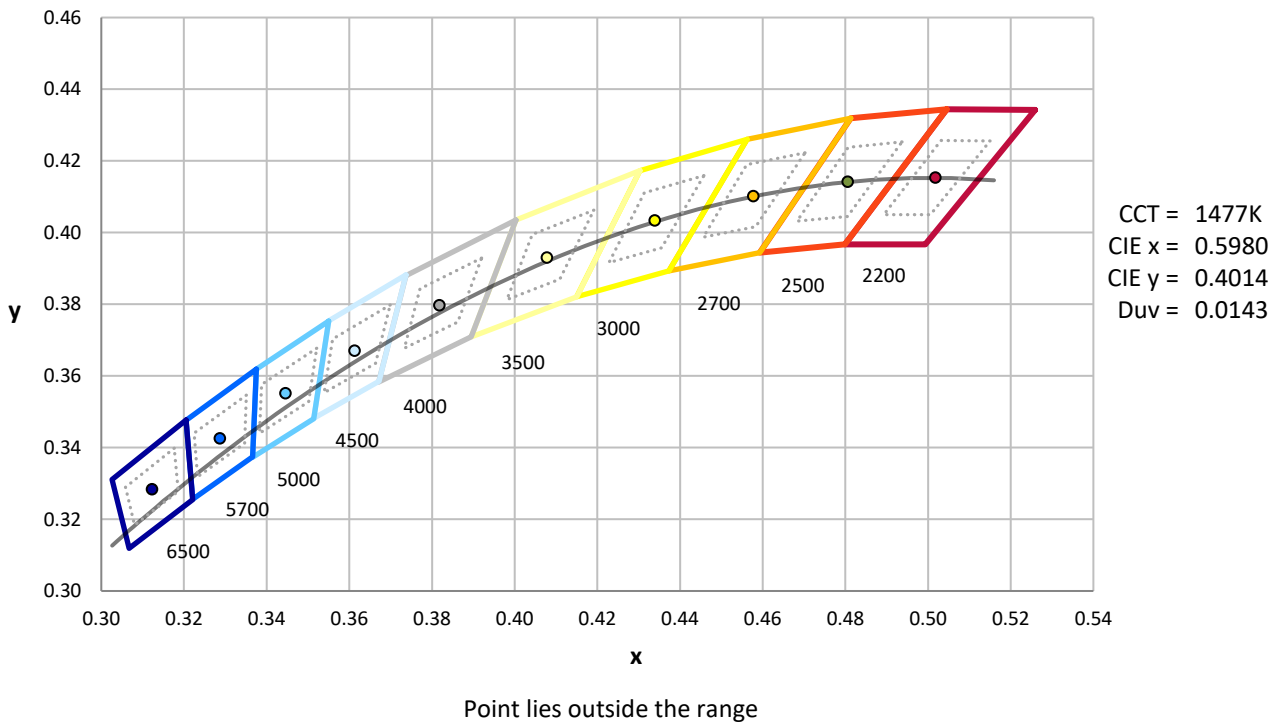
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

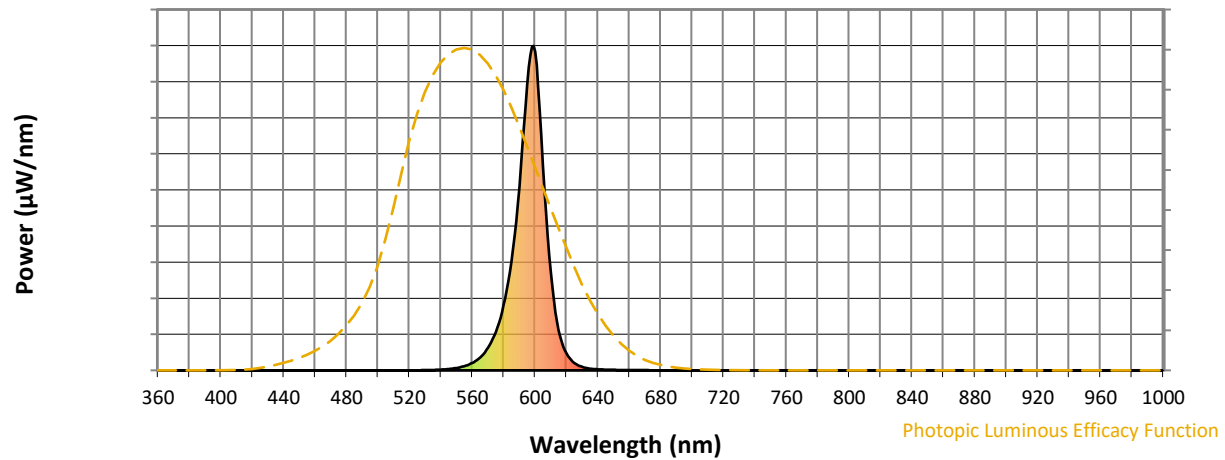


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2501-332-6

Photopic Flux vs. Wavelength

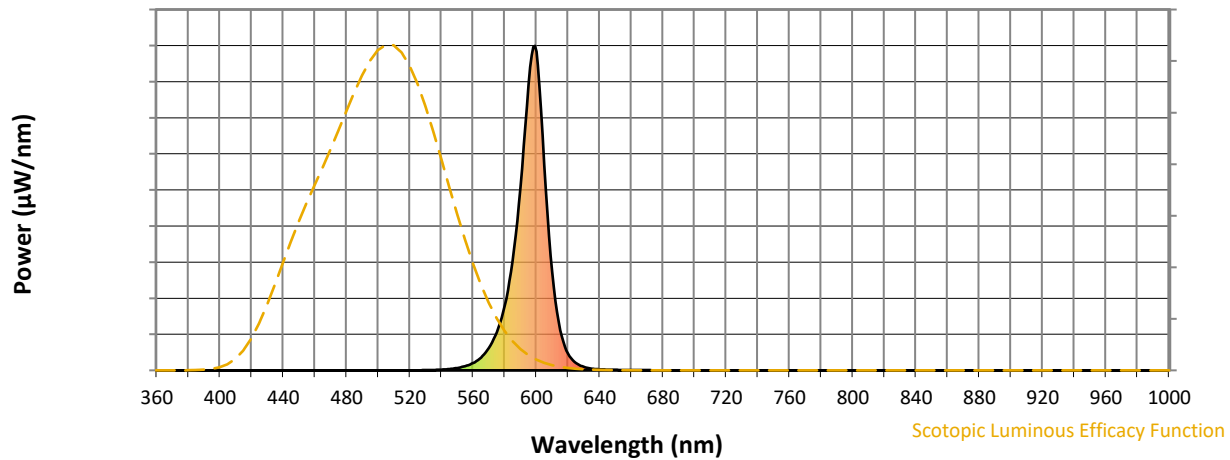


Photopic Lumens: NR

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



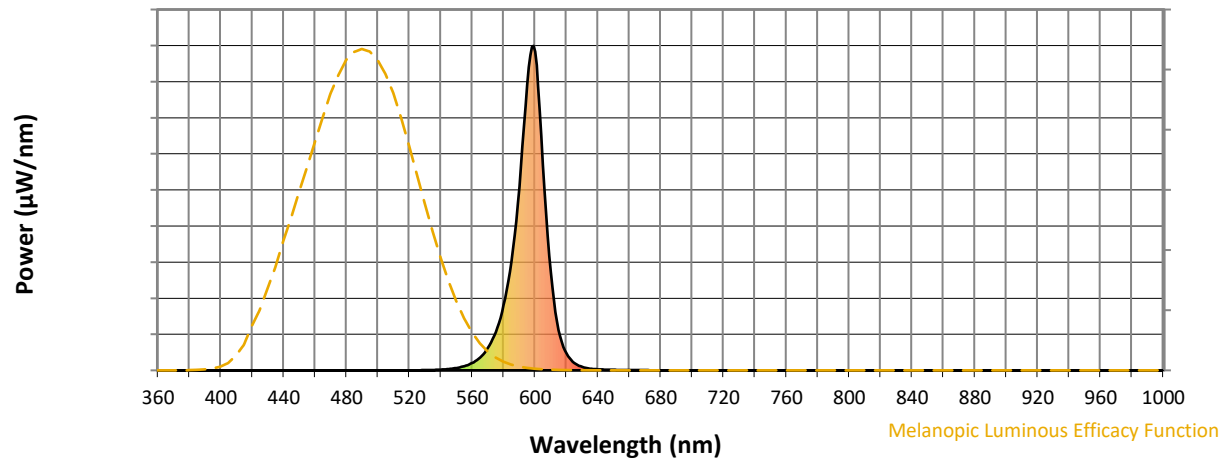
Scotopic Lumens: NR

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

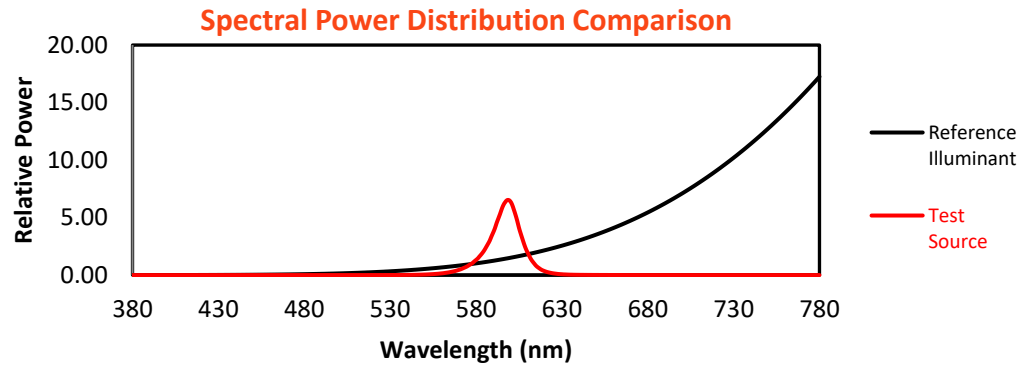
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	0	NR	620	52	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	23	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	11	NR	760	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			

REPORT NUMBER: SP1-2501-332-6

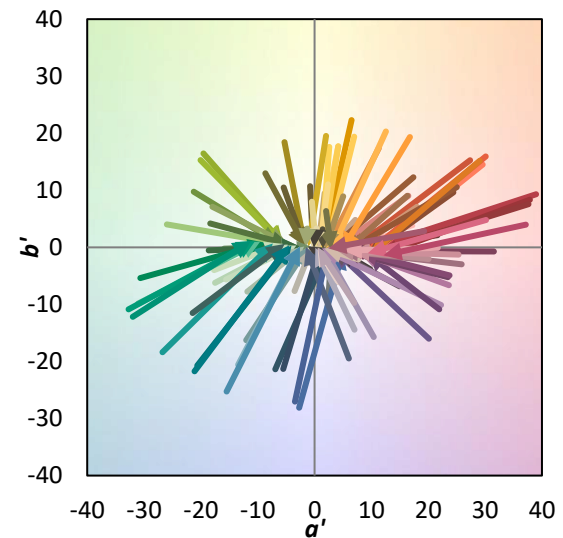
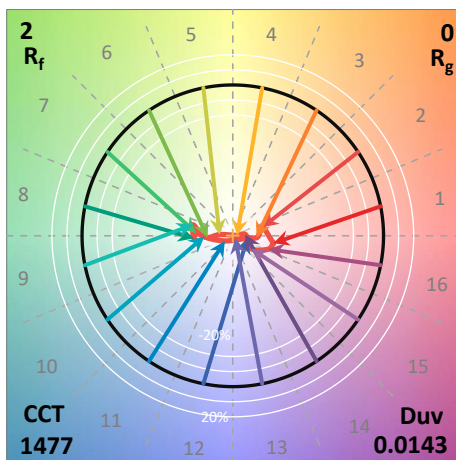
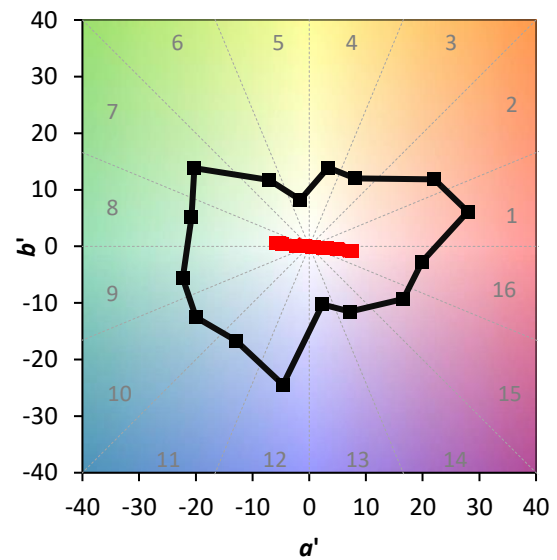
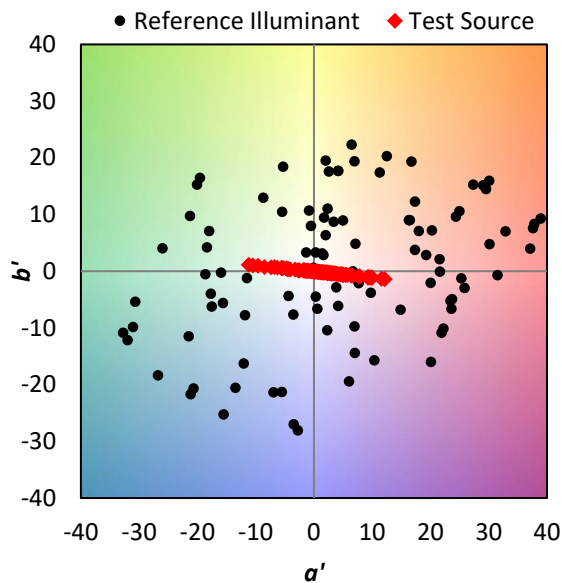
TM-30-18

Summary

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

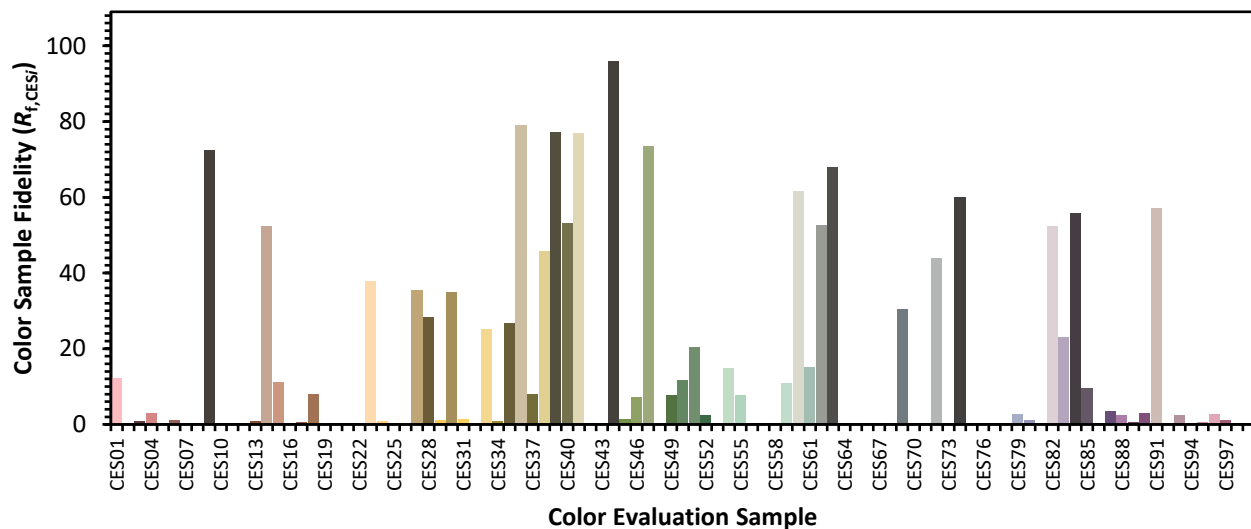


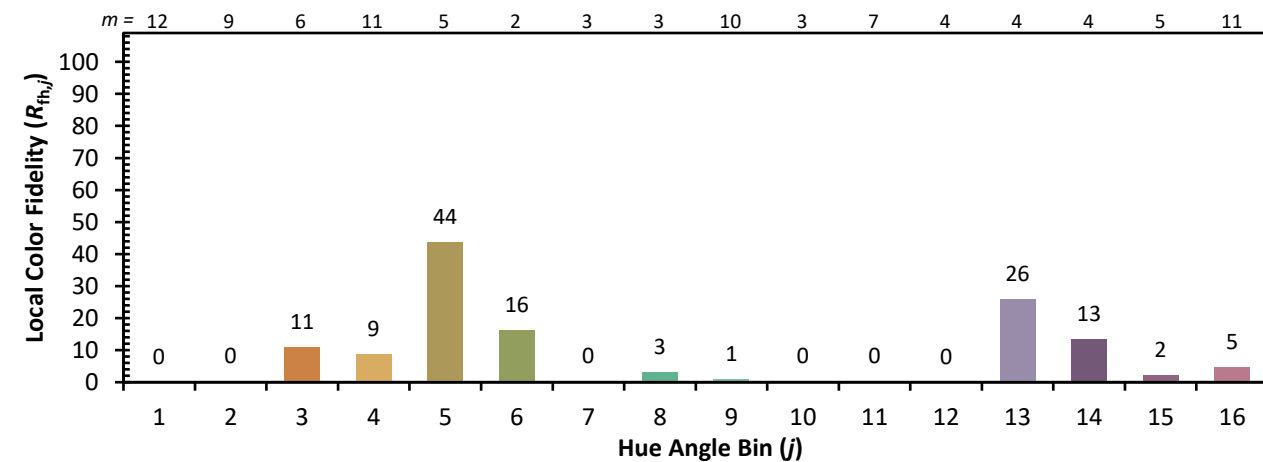
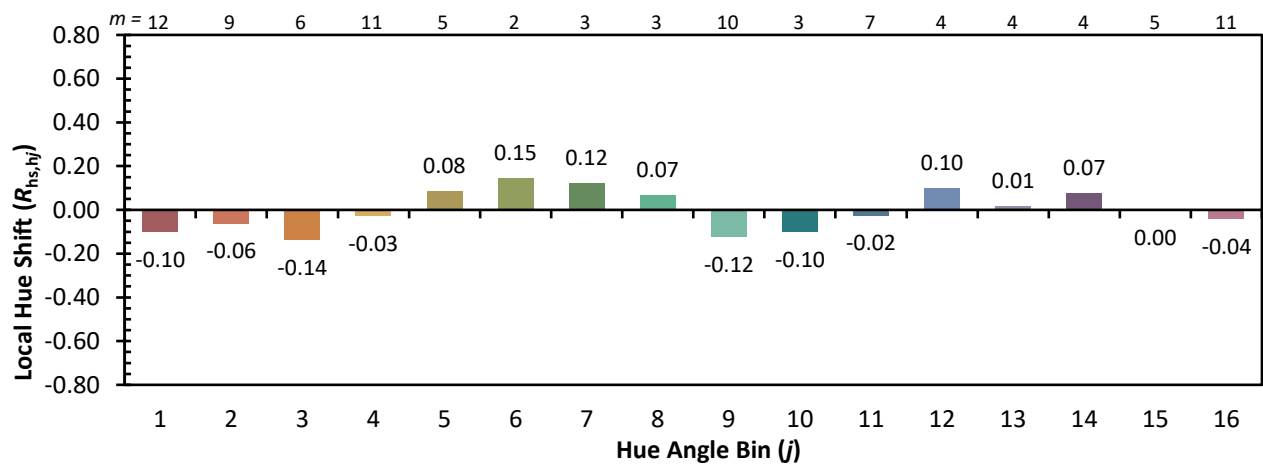
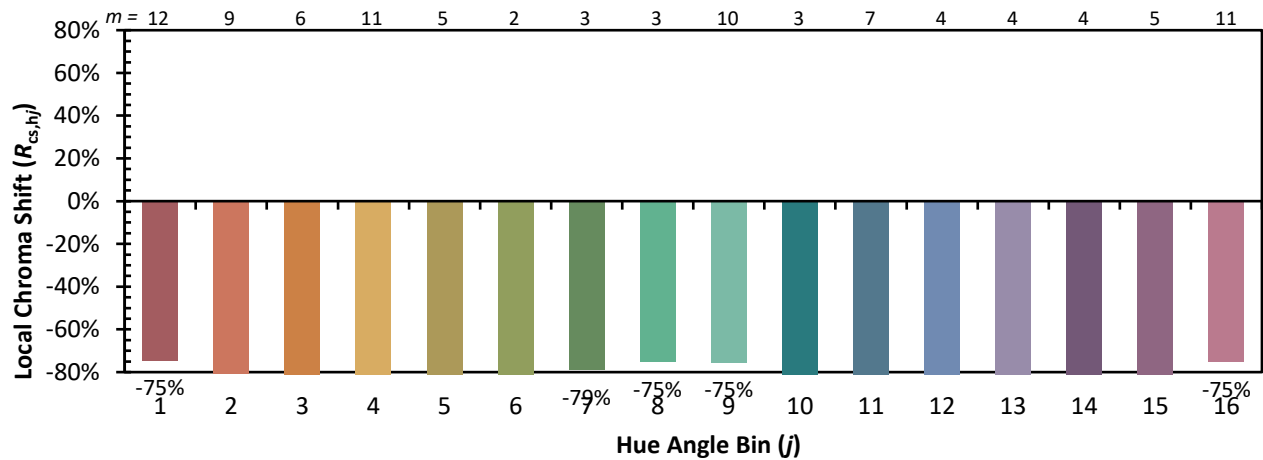
Color Vector Graphics



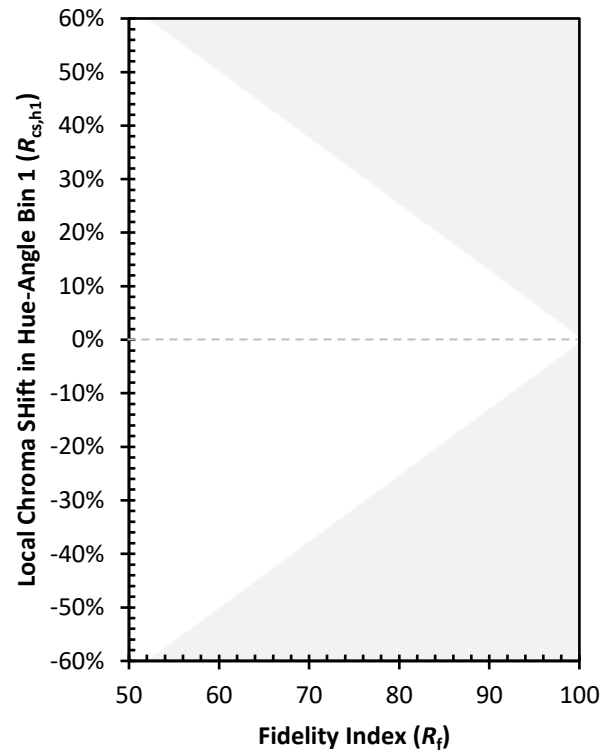
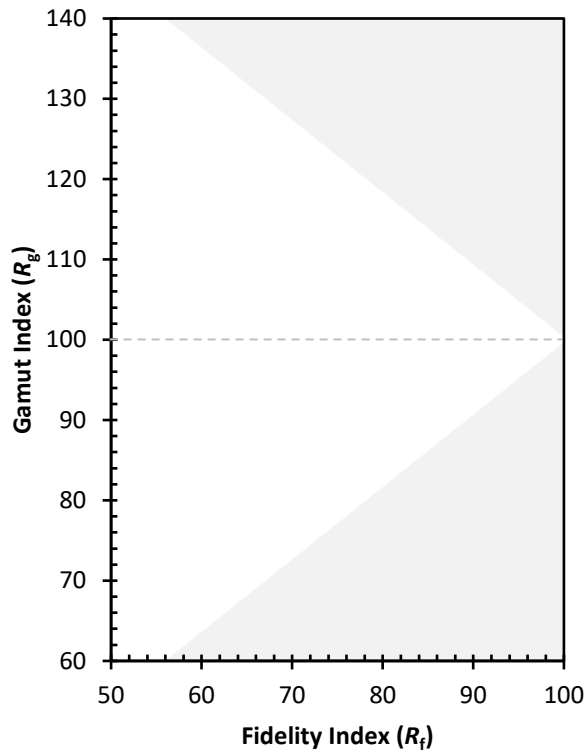
Individual Sample Fidelity Index (R_{fi})

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)