

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: P856331

Luminaire Tested: **FFX-CLB-50-722-U-VM8**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856331
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-50-722-U-VM8
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source: (6) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

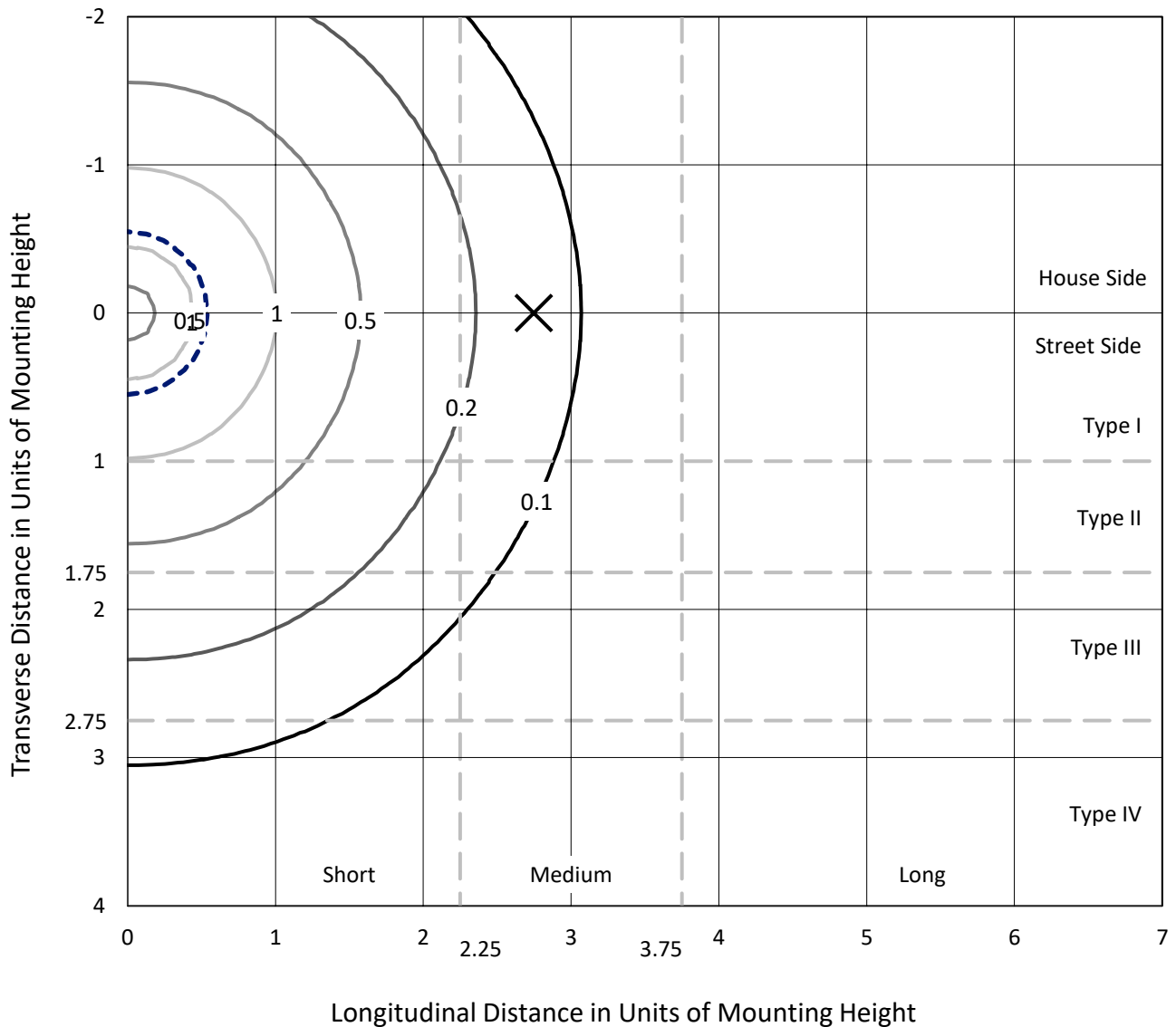
Lumens per Lamp: N/A
Luminaire Lumens: 6979.7 lumens
Efficiency: N/A
Efficacy: 138.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification: Type V - Short
BUG Rating: B2 - U5 - G3

Input Watts (W): 50.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 6.0%%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

REPORT NUMBER: P856331
 CATALOG NUMBER: FFX-CLB-50-722-U-VM8

Iso-Footcandle Lines of Horizontal Illumination

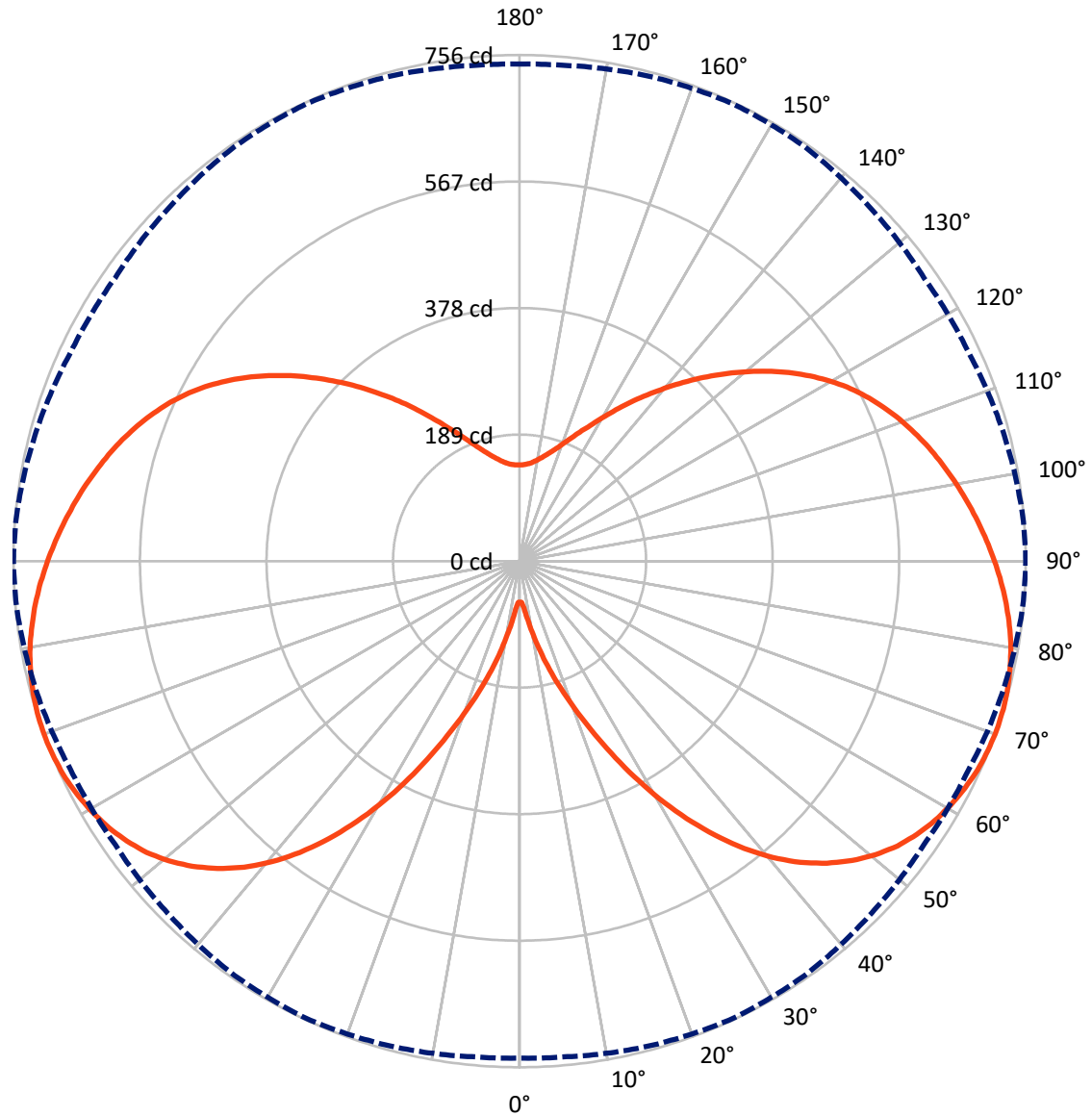
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
 Type V - Short - N/A

REPORT NUMBER: P856331
CATALOG NUMBER: FFX-CLB-50-722-U-VM8

Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P856331
 CATALOG NUMBER: FFX-CLB-50-722-U-VM8

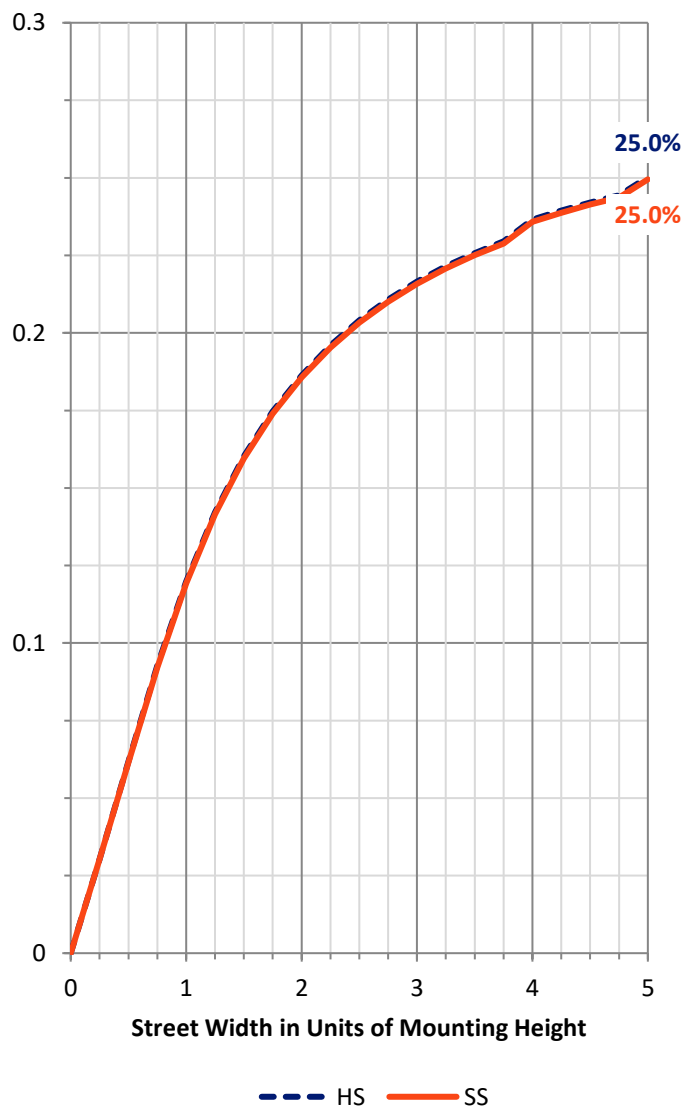
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1976.6	1513.3	3489.8
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	1976.6	1513.3	3489.8
	% Fixture	28.3	21.7	50.0
Total	Lumens	3953.2	3026.5	6979.7
	% Fixture	56.6	43.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.2	0.1
10°-20°	50.0	0.7
20°-30°	149.1	2.1
30°-40°	311.8	4.5
40°-50°	489.3	7.0
50°-60°	635.1	9.1
60°-70°	735.1	10.5
70°-80°	787.0	11.3
80°-90°	787.6	11.3
90°-100°	742.8	10.6
100°-110°	664.6	9.5
110°-120°	558.8	8.0
120°-130°	428.7	6.1
130°-140°	293.3	4.2
140°-150°	178.9	2.6
150°-160°	97.8	1.4
160°-170°	47.4	0.7
170°-180°	14.1	0.2
0°-90°	3953.2	56.6
0°-180°	6979.7	100.0

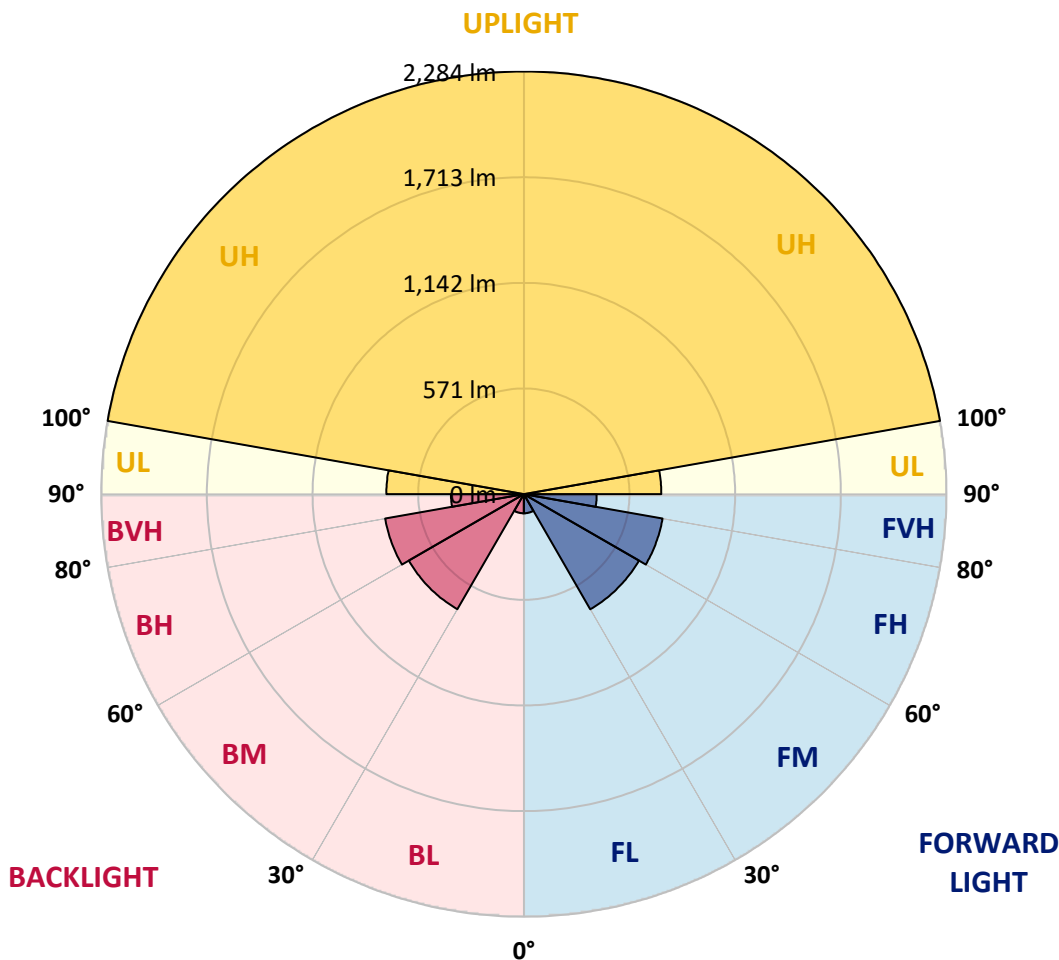


REPORT NUMBER: P856331
 CATALOG NUMBER: FFX-CLB-50-722-U-VM8

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	103.6	1.5			
FM (30°-60°)	718.1	10.3			
FH (60°-80°)	761.1	10.9			G1/1800
FVH (80°-90°)	393.8	5.6			G3/500
BL (0°-30°)	103.6	1.5	B0/110		
BM (30°-60°)	718.1	10.3	B1/1000		
BH (60°-80°)	761.1	10.9	B2/1000		G1/1800
BVH (80°-90°)	393.8	5.6			G3/500
UL (90°-100°)	742.8	10.6		U4/1000	
UH (100°-180°)	2283.7	32.7		U5	

BUG Rating: B2-U5-G3
 Type V Short





REPORT NUMBER: P856331

CATALOG NUMBER: FFX-CLB-50-722-U-VM8

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
2.5°	64.0	64.0	63.5	63.5	63.1	62.6	62.6	62.6	62.2	62.2	61.7
5°	72.9	72.5	72.5	72.0	72.5	72.0	72.0	72.0	72.0	71.1	71.1
7.5°	90.4	89.9	89.9	89.5	90.4	89.5	89.5	89.9	89.9	89.5	89.5
10°	113.2	112.7	112.7	111.8	112.7	112.3	112.3	111.4	111.8	111.4	111.8
12.5°	140.5	139.1	139.1	138.7	139.6	139.1	138.7	137.8	138.7	138.2	138.2
15°	168.6	169.1	168.6	168.2	169.1	169.1	168.6	167.7	168.6	167.7	168.2
17.5°	200.0	200.0	200.0	198.6	200.0	200.4	200.0	199.1	199.5	200.0	200.0
20°	233.9	233.9	234.4	233.5	235.7	234.4	233.9	233.5	233.9	234.4	234.8
22.5°	271.5	271.5	272.0	271.5	272.9	272.9	272.4	272.4	272.9	273.8	273.8
25°	313.1	313.6	313.6	312.2	315.4	316.3	315.4	315.4	316.3	317.6	317.6
27.5°	356.1	357.9	357.0	357.0	361.0	361.4	361.0	361.4	362.8	364.1	364.6
30°	400.3	401.7	403.5	402.1	406.6	407.1	407.5	408.0	409.7	412.0	412.0
32.5°	444.6	446.0	446.9	446.9	452.7	452.2	451.8	453.6	456.3	457.2	458.5
35°	488.9	488.9	489.8	490.3	496.1	495.6	496.5	497.9	500.5	502.3	503.2
37.5°	528.7	527.8	530.1	531.0	535.4	535.9	536.3	538.6	541.7	543.9	544.8
40°	565.0	564.1	566.8	568.1	572.1	572.1	573.0	575.7	579.3	581.5	582.0
42.5°	597.2	596.7	599.4	601.2	605.2	604.8	604.3	607.9	611.9	614.6	615.5
45°	624.9	624.5	628.0	630.3	633.4	632.5	632.5	635.6	640.1	643.2	643.7
47.5°	648.6	648.6	652.6	655.3	658.0	656.7	655.8	658.9	663.4	667.8	668.3
50°	669.6	669.2	673.7	676.8	679.0	677.2	675.9	679.0	683.9	688.4	689.3
52.5°	686.2	687.1	691.6	695.6	697.4	694.7	692.4	695.6	700.9	705.9	706.8
55°	700.5	700.9	705.9	710.8	711.7	708.1	705.4	708.1	713.9	719.3	720.2
57.5°	711.7	712.6	718.4	722.9	723.3	719.3	716.2	718.4	724.7	730.0	731.4
60°	721.5	722.4	727.8	732.7	733.2	728.2	724.2	726.0	732.7	739.0	739.9
62.5°	729.1	730.5	736.3	740.8	740.8	734.9	730.0	731.8	739.0	745.7	746.6
65°	735.4	736.7	742.5	747.0	746.6	739.9	734.5	736.3	743.9	750.6	751.9
67.5°	739.9	740.8	747.0	751.5	749.7	742.5	737.2	738.5	746.6	753.3	754.6
70°	742.5	743.4	749.7	753.7	751.0	743.4	737.6	739.4	747.5	754.6	756.0
72.5°	743.9	745.2	751.0	754.6	751.5	743.0	736.7	739.0	747.0	754.6	755.5
75°	743.4	744.3	750.2	753.3	749.3	741.2	734.5	736.7	745.2	751.9	753.3
77.5°	741.2	742.1	747.5	750.2	745.2	737.2	730.9	733.2	741.2	747.9	749.3
80°	737.6	738.5	743.4	745.2	740.3	732.3	726.4	728.7	736.3	742.5	743.9
82.5°	731.8	733.2	737.6	738.5	733.2	726.0	720.2	722.4	729.6	735.4	736.3
85°	724.7	725.5	729.6	730.0	724.7	718.4	713.5	715.7	722.0	726.4	727.8
87.5°	716.6	716.6	720.6	720.6	714.8	709.0	705.4	707.2	713.0	716.6	717.9
90°	706.8	707.2	709.9	709.4	704.1	699.2	696.0	698.3	703.2	706.3	707.2
92.5°	696.0	696.5	698.7	697.8	692.4	688.4	685.7	688.4	692.9	695.1	696.0
95°	684.4	684.8	686.6	684.8	679.9	676.8	674.6	677.7	681.3	683.5	684.4
97.5°	672.3	672.8	674.1	672.3	666.9	664.3	663.4	666.1	669.6	671.4	672.3
100°	659.8	659.8	660.7	658.0	653.5	651.3	650.8	654.0	657.6	659.3	660.2
102.5°	645.9	646.4	646.4	643.7	639.2	637.9	637.9	641.5	645.0	646.4	647.3
105°	631.6	631.6	631.6	629.4	624.5	623.6	624.0	627.6	631.6	633.4	634.3
107.5°	616.0	616.4	615.5	613.3	609.2	608.4	609.2	614.2	617.7	619.5	620.4
110°	599.4	599.9	599.4	596.7	593.1	592.7	594.0	599.0	602.5	604.3	605.7



REPORT NUMBER: P856331
 CATALOG NUMBER: FFX-CLB-50-722-U-VM8

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	582.0	582.4	582.0	579.7	576.1	576.1	577.9	582.9	586.9	588.2	589.6
115°	563.6	564.1	563.2	561.4	557.8	558.7	560.5	565.4	569.4	570.8	572.6
117.5°	543.9	544.4	543.9	541.7	538.6	539.5	542.1	547.1	550.6	552.0	553.8
120°	522.5	522.5	522.5	520.2	517.1	518.9	521.6	526.9	530.1	531.0	532.8
122.5°	500.5	499.7	499.7	498.3	494.7	497.0	499.7	505.0	508.2	508.6	509.9
125°	476.4	476.8	475.5	474.6	471.5	474.2	476.4	481.8	484.4	484.9	486.2
127.5°	450.4	451.8	450.4	449.1	446.9	449.6	452.2	457.2	459.4	459.8	460.7
130°	426.3	426.3	425.0	424.1	421.8	424.5	427.2	431.7	433.9	433.9	434.8
132.5°	402.1	400.8	400.3	399.5	396.8	399.9	401.7	406.2	408.0	407.5	408.4
135°	375.7	375.7	374.4	374.0	371.7	374.9	376.6	380.7	382.0	381.6	382.5
137.5°	351.1	351.1	350.2	349.4	348.0	350.7	352.5	355.6	357.0	355.6	357.0
140°	327.0	327.0	326.5	325.6	324.3	327.0	328.3	331.0	332.4	331.0	331.9
142.5°	304.6	303.7	303.3	302.8	301.0	303.7	304.6	307.3	307.8	306.9	308.2
145°	280.9	281.4	280.9	280.5	279.1	281.4	282.3	284.5	284.9	284.0	285.4
147.5°	261.2	259.9	260.3	259.9	258.5	260.8	261.2	262.6	263.5	262.6	263.5
150°	241.6	240.7	240.7	240.2	239.3	241.1	241.6	242.9	243.3	242.4	243.3
152.5°	224.1	223.7	223.7	223.2	222.3	223.7	224.1	225.0	225.4	224.6	225.0
155°	208.4	208.0	208.0	207.6	206.7	208.0	208.0	208.9	209.3	208.9	209.3
157.5°	194.6	194.1	194.1	194.1	193.2	194.1	194.1	195.0	195.0	194.6	195.0
160°	183.4	182.5	183.0	182.5	181.6	182.5	182.5	183.0	183.0	183.0	183.0
162.5°	173.1	173.1	173.1	172.7	172.2	172.7	172.7	173.1	173.1	173.1	172.7
165°	165.1	165.1	165.1	164.6	164.2	164.6	164.6	164.6	164.6	164.6	164.6
167.5°	158.4	157.9	158.4	157.9	157.5	157.9	157.9	157.9	157.9	157.9	157.9
170°	152.5	152.5	152.5	152.5	152.1	152.5	152.5	152.5	152.5	152.5	152.5
172.5°	149.0	148.5	148.5	148.5	148.1	148.5	148.1	148.5	148.1	148.5	148.1
175°	145.8	145.8	145.8	145.8	145.4	145.4	145.4	145.4	145.4	145.4	145.4
177.5°	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
180°	143.6	143.6	143.6	143.6	143.6	143.6	143.6	143.6	143.6	143.6	143.6

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: SP1-2406-133-2

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5.

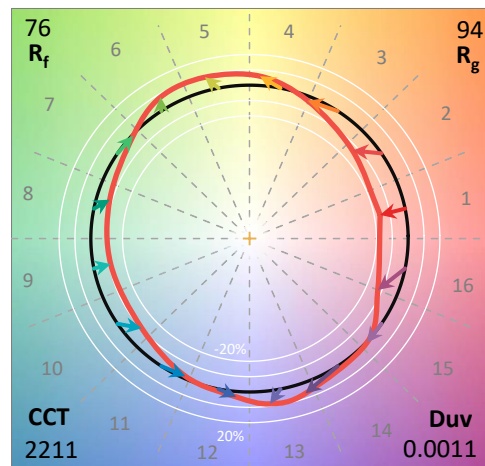
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-2
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 07/12/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Streetworks
 Catalog Number: **FFX-CLB-100-722-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 2211
 CIE u': 0.2892
 CIE v': 0.5376
 Duv: 0.0011
 CIE x: 0.5069
 CIE y: 0.4188
 CIE z: 0.0743
 Peak Wavelength (nm): 606
 Dominant Wavelength (nm): 586
 Purity: 77.8805
 Rf: 76.1
 Rg: 94.3

CRI (Ra):	71.4		
R1:	68.2	R9:	-29.2
R2:	85.0	R10:	67.8
R3:	94.0	R11:	60.7
R4:	65.1	R12:	59.0
R5:	66.6	R13:	71.3
R6:	81.8	R14:	97.6
R7:	73.4	R15:	58.9
R8:	37.3		



Test Conditions

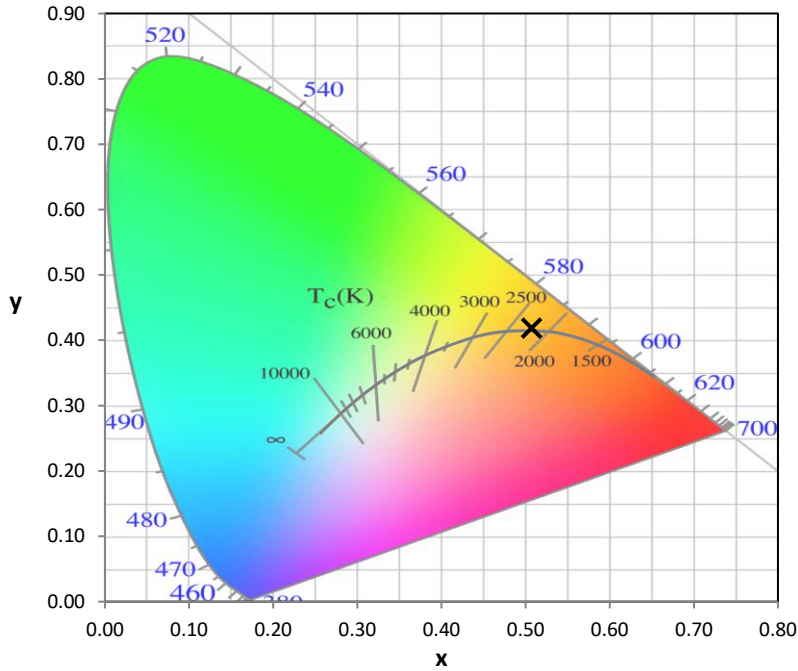
Stabilization Time: 0.813563M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-2

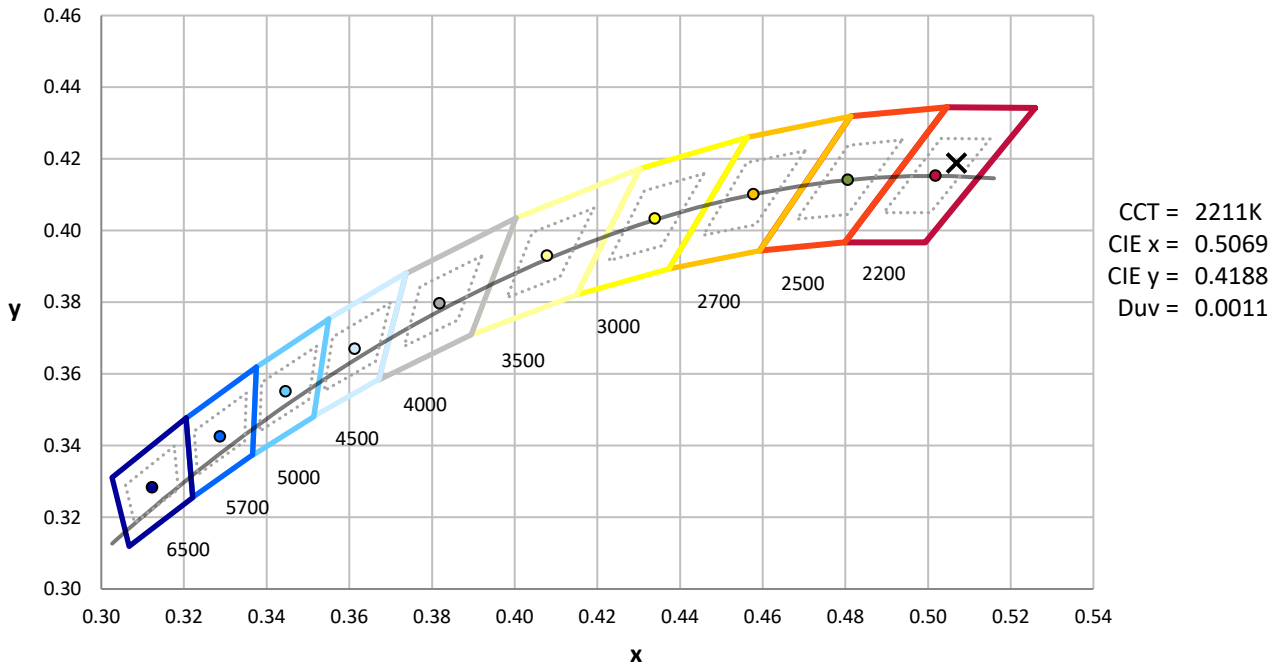
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2406-133-2

CIE 1931 Chromaticity Diagram



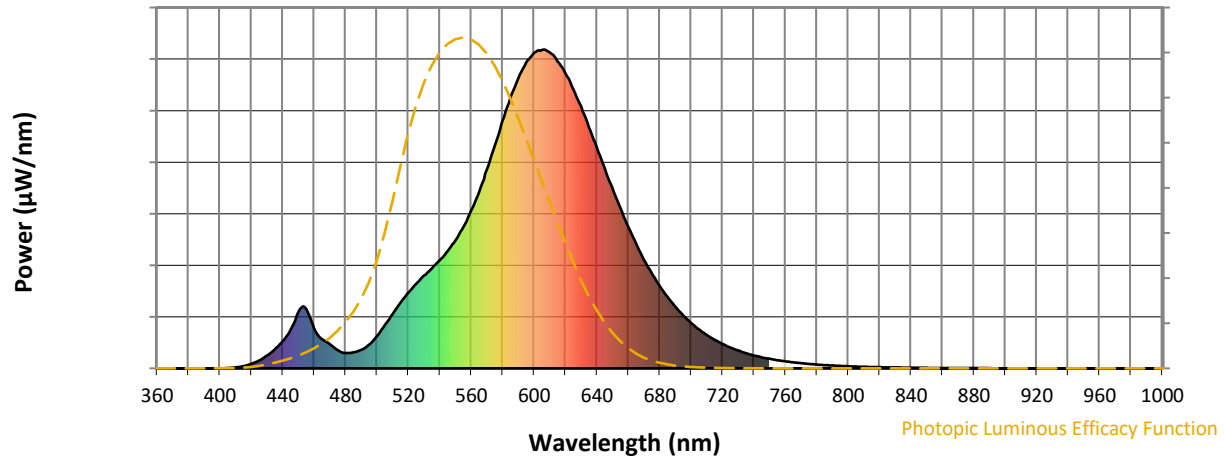
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-2

Photopic Flux vs. Wavelength

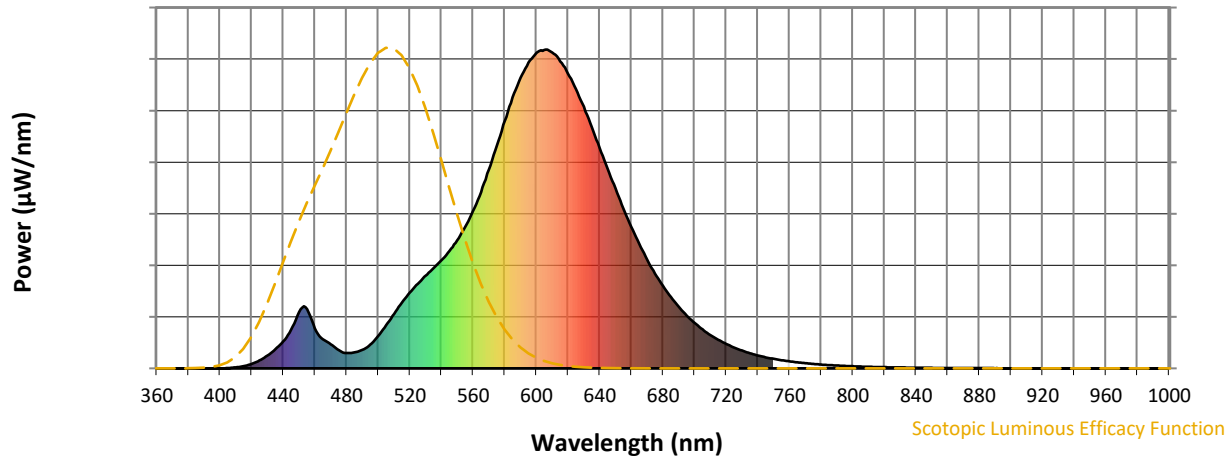


Photopic Lumens: NR

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-2

Scotopic Flux vs. Wavelength



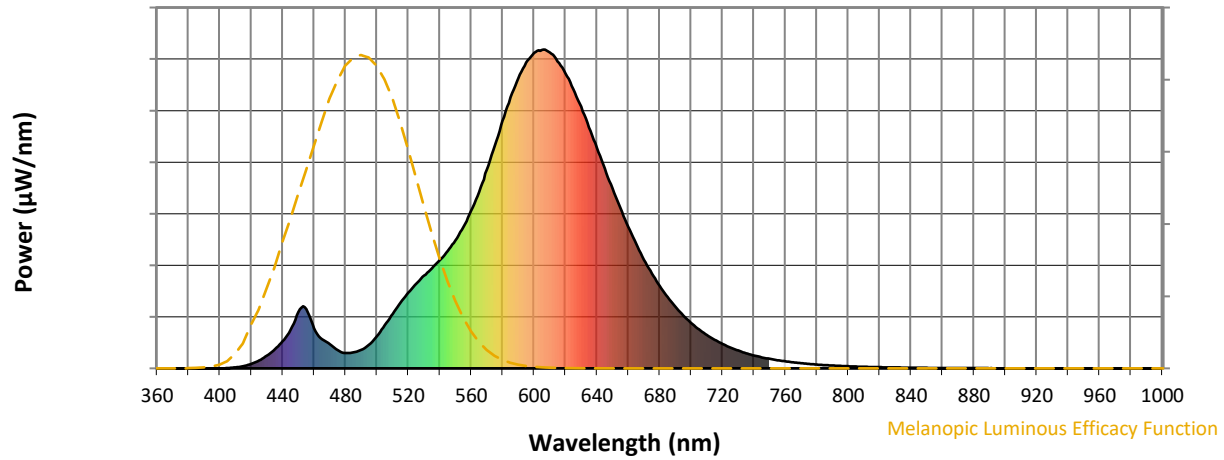
Scotopic Lumens: NR

S/P: 0.87

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.42

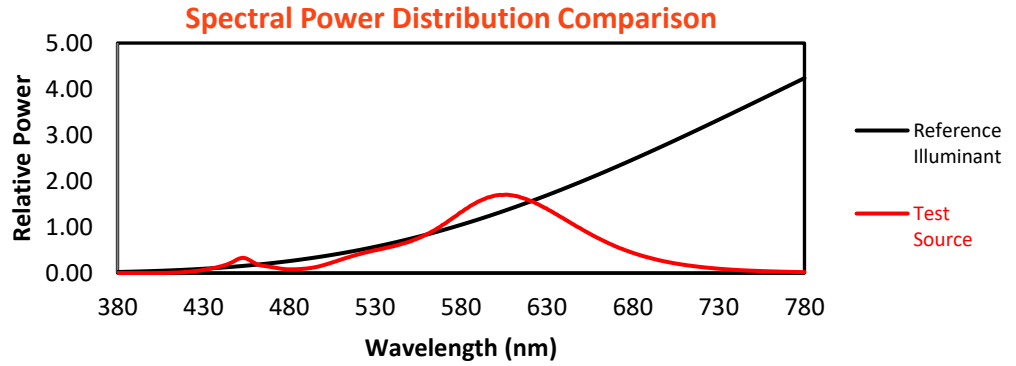
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-2

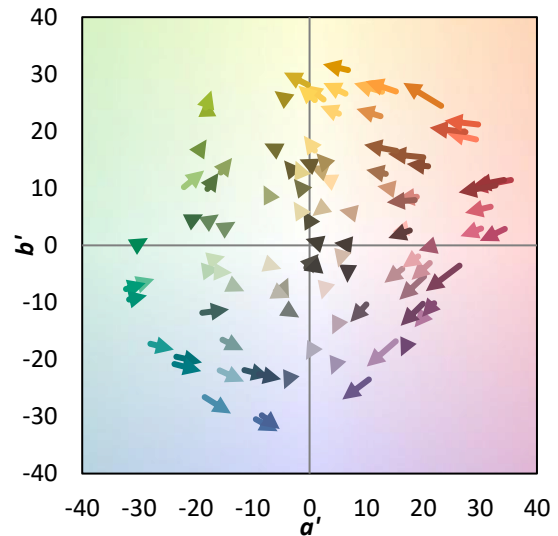
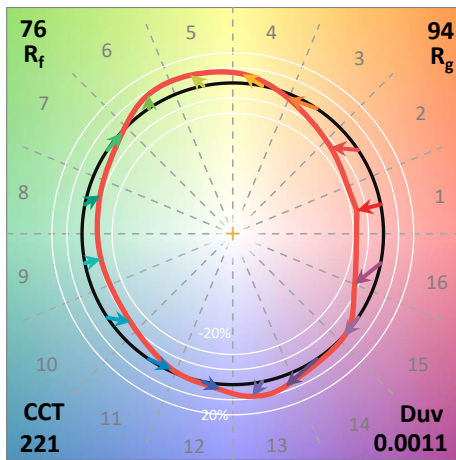
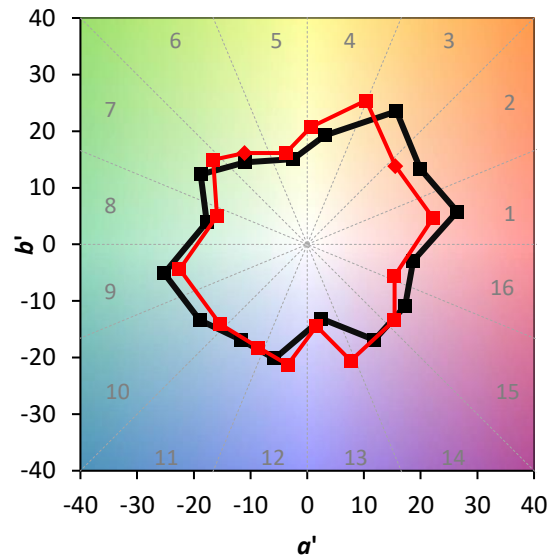
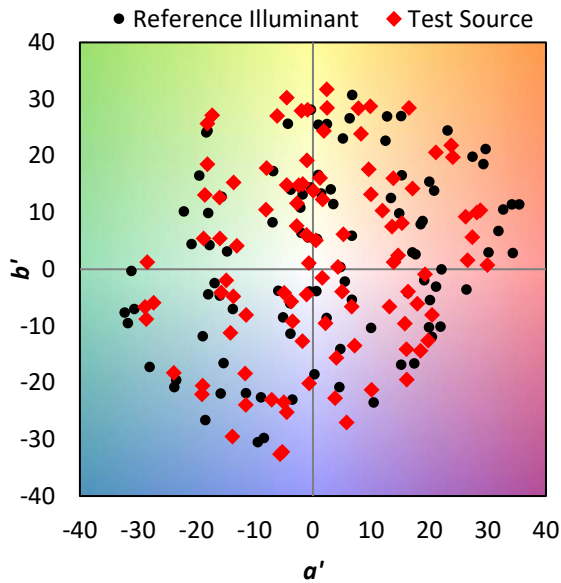
TM-30-18

Summary

$R_f = 76.1$
 $R_g = 94.3$
 CIE $R_a = 71.4$
 $R_9 = -29.2$



Color Vector Graphics

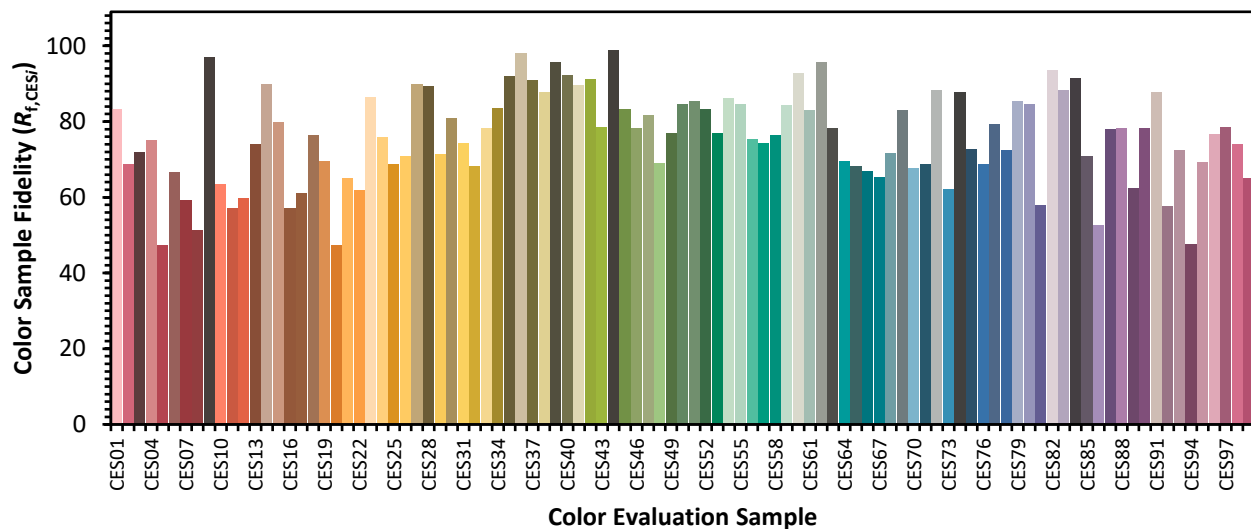


REPORT NUMBER: SP1-2406-133-2

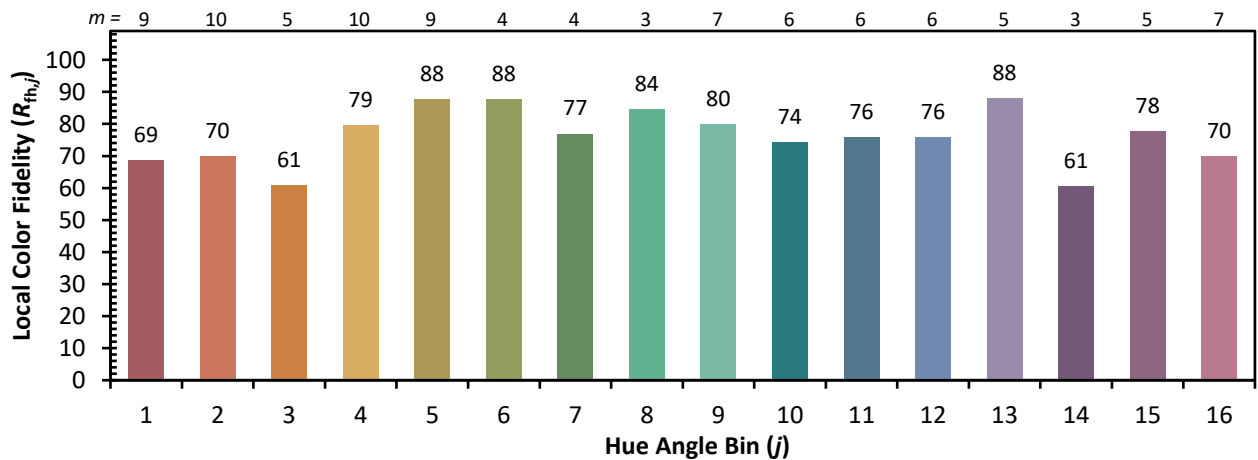
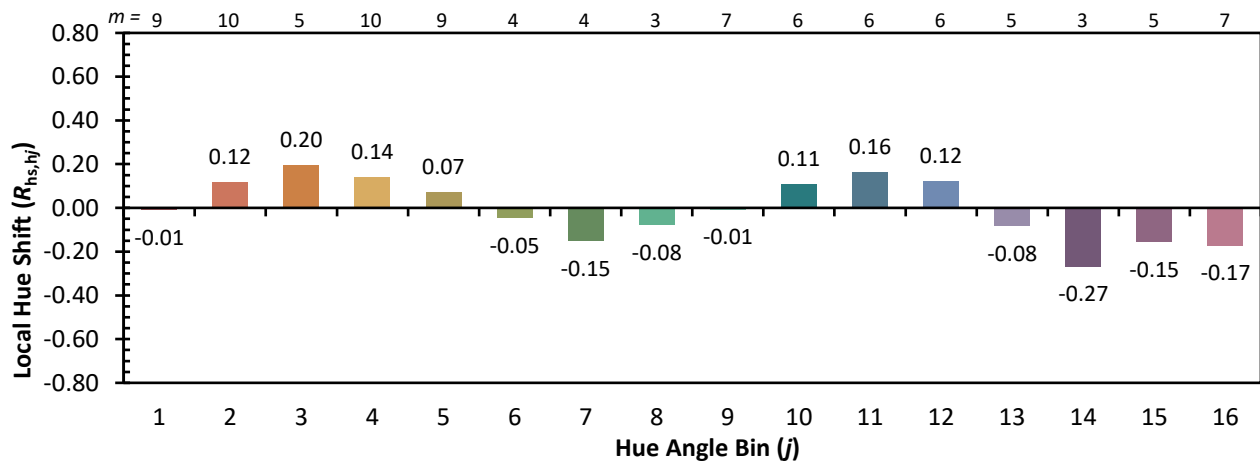
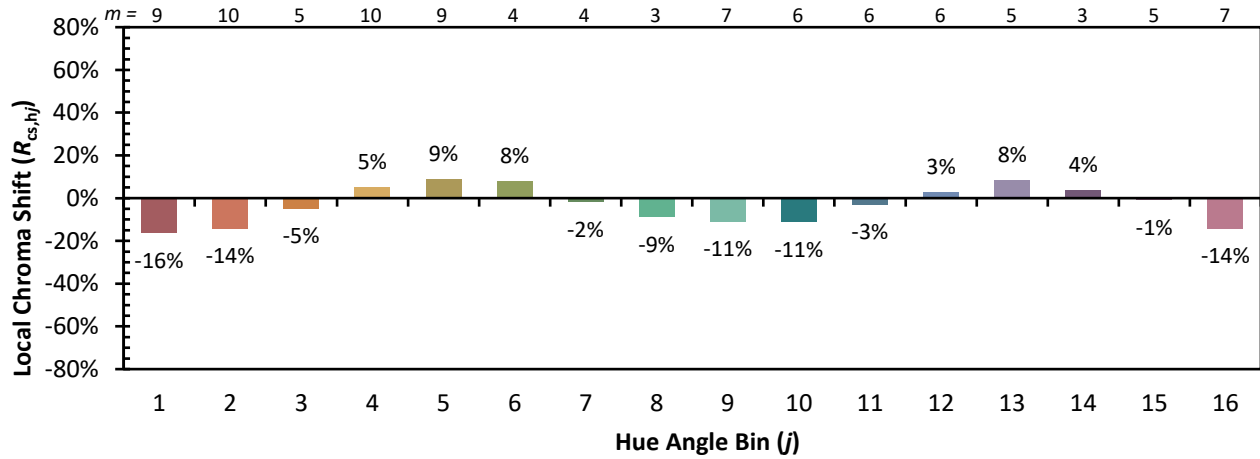
TM-30-18

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

CES01 = 87	CES26 = 71	CES51 = 85	CES76 = 69
CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82 = 93
CES08 = 42	CES33 = 78	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 84	CES59 = 84	CES84 = 92
CES10 = 79	CES35 = 92	CES60 = 93	CES85 = 71
CES11 = 62	CES36 = 98	CES61 = 83	CES86 = 53
CES12 = 68	CES37 = 91	CES62 = 96	CES87 = 78
CES13 = 45	CES38 = 88	CES63 = 78	CES88 = 78
CES14 = 75	CES39 = 96	CES64 = 69	CES89 = 63
CES15 = 72	CES40 = 92	CES65 = 68	CES90 = 78
CES16 = 49	CES41 = 90	CES66 = 67	CES91 = 88
CES17 = 51	CES42 = 91	CES67 = 65	CES92 = 58
CES18 = 57	CES43 = 79	CES68 = 72	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 68	CES45 = 83	CES70 = 68	CES95 = 69
CES21 = 88	CES46 = 78	CES71 = 69	CES96 = 77
CES22 = 81	CES47 = 82	CES72 = 88	CES97 = 79
CES23 = 92	CES48 = 69	CES73 = 62	CES98 = 74
CES24 = 92	CES49 = 77	CES74 = 88	CES99 = 65
CES25 = 74	CES50 = 85	CES75 = 73	



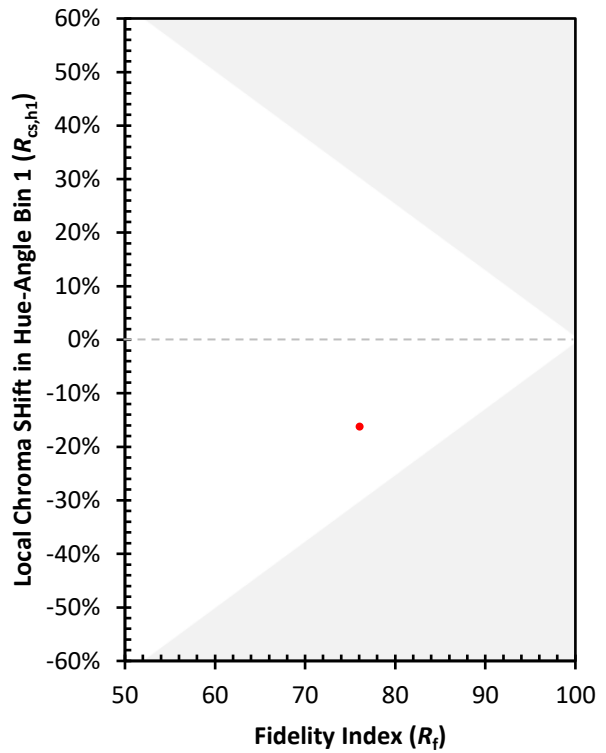
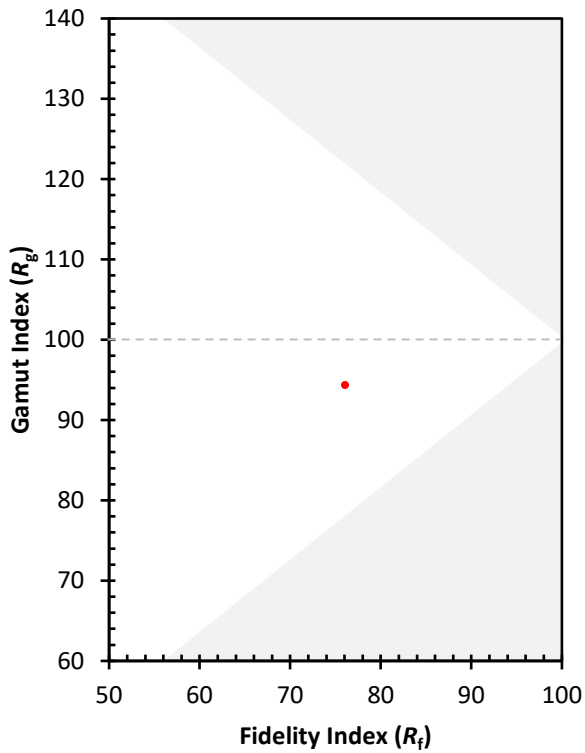
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-2

TM-30-18

Measure Comparisons



(END OF REPORT)