

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: P856169

Luminaire Tested: **FFX-CLB-50-730-U-FR-T5-UPLR**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856169
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-50-730-U-FR-T5-UPLR
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

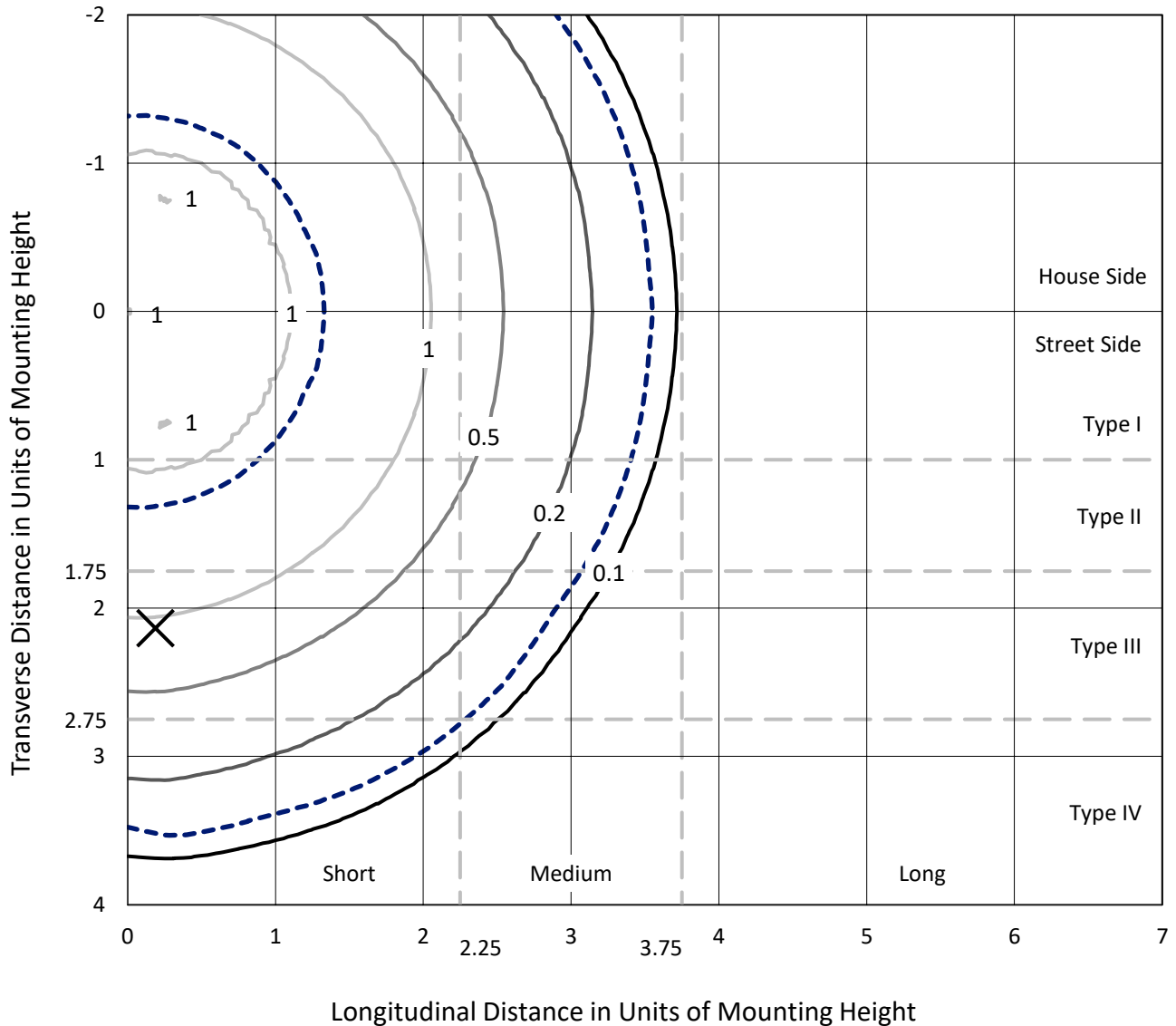
Lumens per Lamp: N/A
Luminaire Lumens: 7950.7 lumens
Efficiency: N/A
Efficacy: 157.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type V - Short
BUG Rating: B3 - U4 - G3

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: P856169
 CATALOG NUMBER: FFX-CLB-50-730-U-FR-T5-UPLR

Iso-Footcandle Lines of Horizontal Illumination

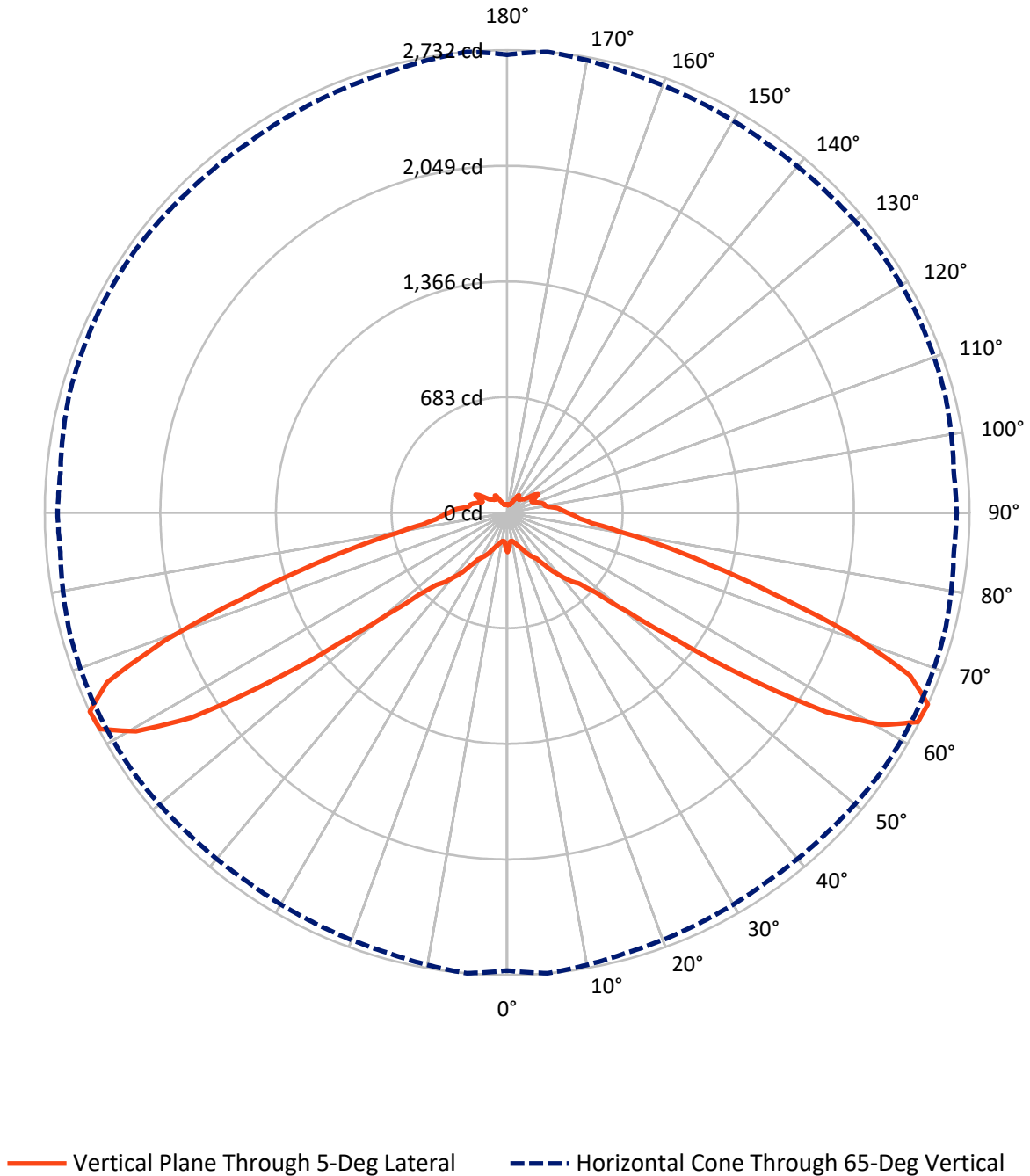
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 fc
 Type V - Short - N/A

REPORT NUMBER: P856169
CATALOG NUMBER: FFX-CLB-50-730-U-FR-T5-UPLR

Luminous Intensity Polar Plot



REPORT NUMBER: P856169
 CATALOG NUMBER: FFX-CLB-50-730-U-FR-T5-UPLR

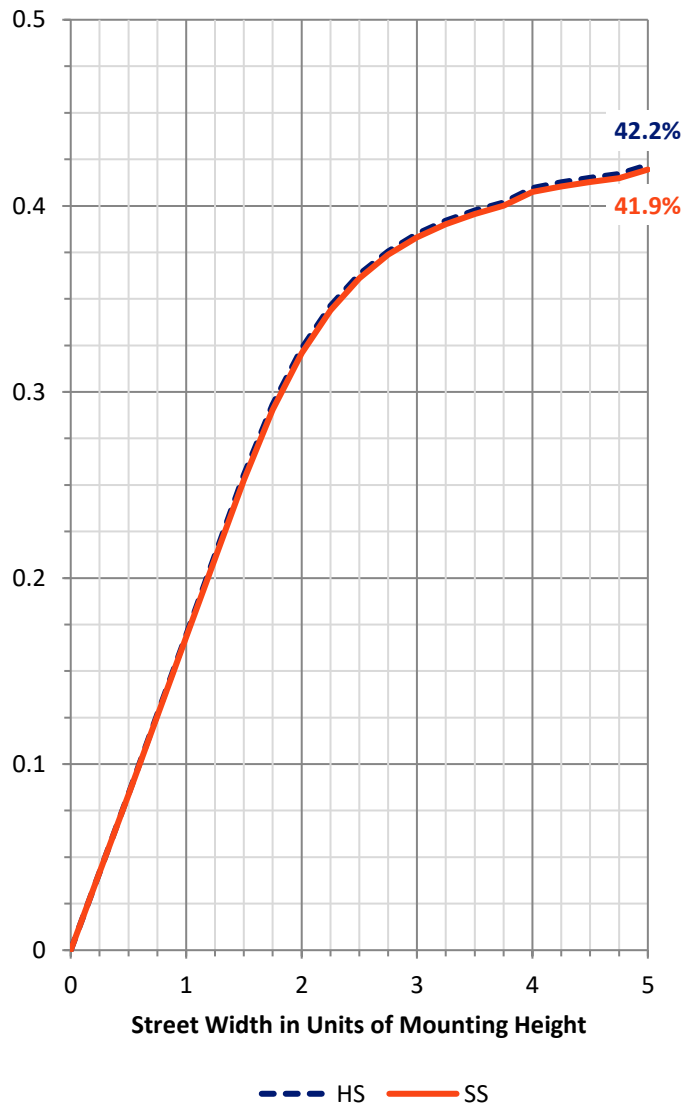
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3473.0	502.4	3975.4
	% Fixture	43.7	6.3	50.0
Street Side	Lumens	3473.0	502.4	3975.4
	% Fixture	43.7	6.3	50.0
Total	Lumens	6946.0	1004.7	7950.7
	% Fixture	87.4	12.6	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	0.2
10°-20°	55.8	0.7
20°-30°	121.0	1.5
30°-40°	245.1	3.1
40°-50°	494.2	6.2
50°-60°	1571.2	19.8
60°-70°	2533.8	31.9
70°-80°	1381.8	17.4
80°-90°	526.1	6.6
90°-100°	315.7	4.0
100°-110°	201.4	2.5
110°-120°	153.2	1.9
120°-130°	129.6	1.6
130°-140°	84.4	1.1
140°-150°	70.8	0.9
150°-160°	31.7	0.4
160°-170°	13.5	0.2
170°-180°	4.5	0.1
0°-90°	6946.0	87.4
0°-180°	7950.7	100.0



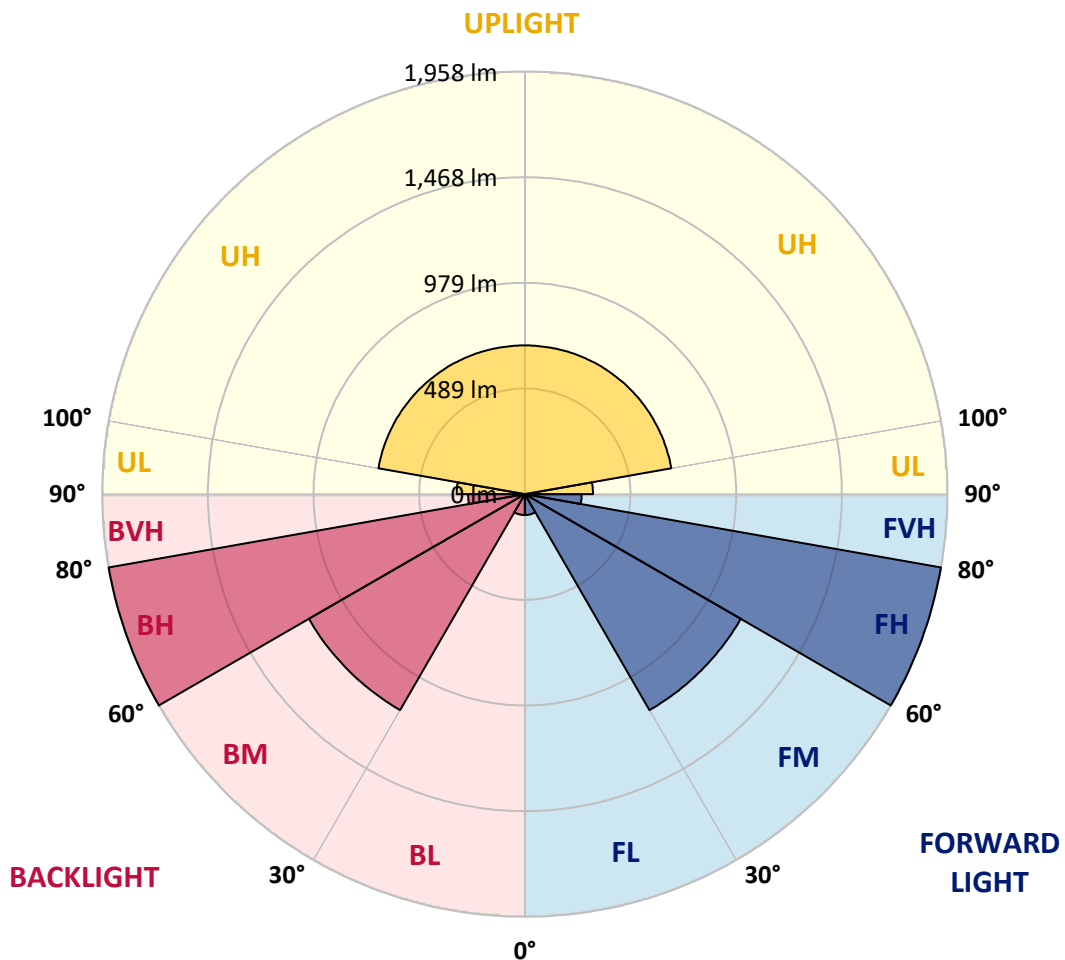
REPORT NUMBER: P856169
 CATALOG NUMBER: FFX-CLB-50-730-U-FR-T5-UPLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	96.9	1.2			
FM (30°-60°)	1155.3	14.5			
FH (60°-80°)	1957.8	24.6			G2/5000
FVH (80°-90°)	263.1	3.3			G3/500
BL (0°-30°)	96.9	1.2	B0/110		
BM (30°-60°)	1155.3	14.5	B2/2500		
BH (60°-80°)	1957.8	24.6	B3/2500		G2/5000
BVH (80°-90°)	263.1	3.3			G3/500
UL (90°-100°)	315.7	4.0		U3/500	
UH (100°-180°)	689.0	8.7		U4/1000	

BUG Rating: B3-U4-G3

Type V Short





REPORT NUMBER: P856169

CATALOG NUMBER: FFX-CLB-50-730-U-FR-T5-UPLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	233.3	233.3	233.3	233.3	233.3	233.3	233.3	233.3	233.3	233.3	233.3
2.5°	208.4	211.7	202.6	195.1	191.8	192.6	200.1	207.6	200.1	202.6	202.6
5°	172.7	173.5	173.5	171.9	174.4	169.4	163.6	163.6	169.4	176.0	176.0
7.5°	166.9	169.4	176.0	176.0	178.5	170.2	161.9	162.7	171.0	181.0	183.5
10°	171.9	171.9	170.2	171.9	177.7	176.9	167.7	163.6	169.4	179.3	182.7
12.5°	179.3	179.3	184.3	191.8	192.6	185.2	176.0	175.2	181.8	188.5	188.5
15°	190.1	191.0	193.5	192.6	195.1	192.6	190.1	191.8	196.0	196.0	196.0
17.5°	204.3	204.3	204.3	204.3	204.3	205.1	205.9	205.9	205.9	207.6	207.6
20°	220.0	220.0	219.2	218.4	218.4	219.2	220.0	220.0	220.0	221.7	221.7
22.5°	240.0	239.1	237.5	237.5	237.5	238.3	236.6	235.8	235.0	235.8	235.8
25°	263.2	263.2	261.6	259.1	259.1	258.2	255.7	254.9	254.1	255.7	254.9
27.5°	286.5	286.5	284.0	280.6	280.6	280.6	279.0	277.3	275.7	276.5	276.5
30°	308.0	306.4	305.6	303.1	302.2	303.1	301.4	301.4	298.1	297.3	298.9
32.5°	328.0	326.3	328.0	325.5	323.0	325.5	324.7	324.7	319.7	318.0	319.7
35°	382.8	378.6	381.9	376.1	372.8	373.6	375.3	378.6	373.6	371.2	372.0
37.5°	441.7	440.9	451.7	460.8	459.2	445.1	435.9	437.6	444.2	453.4	453.4
40°	496.5	494.9	497.4	494.0	494.0	492.4	491.6	495.7	482.4	479.1	476.6
42.5°	553.8	553.0	538.9	519.0	514.8	531.4	538.9	544.7	525.6	519.0	514.0
45°	610.3	598.7	596.2	589.5	582.9	593.7	592.9	597.0	587.9	587.0	582.9
47.5°	729.0	707.4	700.0	700.8	686.7	698.3	703.3	716.6	697.5	698.3	697.5
50°	943.2	915.8	928.3	920.0	905.1	919.2	918.3	942.4	910.9	922.5	917.5
52.5°	1277.9	1240.5	1248.0	1243.0	1228.0	1257.1	1263.8	1299.5	1238.8	1253.8	1249.6
55°	1761.9	1721.3	1737.9	1678.1	1662.3	1719.6	1741.2	1782.7	1702.2	1710.5	1706.3
57.5°	2223.6	2221.1	2249.3	2207.0	2192.9	2233.6	2213.6	2250.2	2207.0	2237.7	2227.8
60°	2538.3	2544.9	2573.2	2585.6	2560.7	2582.3	2534.1	2561.5	2548.3	2593.1	2588.9
62.5°	2701.9	2723.5	2706.9	2707.7	2680.3	2696.9	2687.8	2703.5	2700.2	2704.4	2700.2
65°	2705.2	2731.8	2695.2	2678.6	2667.0	2673.6	2689.4	2689.4	2679.5	2649.6	2656.2
67.5°	2528.3	2568.2	2527.5	2504.3	2510.9	2508.4	2519.2	2505.1	2499.3	2455.3	2456.1
70°	2093.2	2157.2	2097.4	2075.8	2093.2	2104.0	2103.2	2091.6	2082.4	2027.6	2043.4
72.5°	1589.2	1645.7	1592.6	1584.3	1600.9	1617.5	1603.4	1617.5	1602.5	1577.6	1585.1
75°	1199.8	1248.0	1248.0	1279.5	1284.5	1275.4	1236.4	1252.1	1262.1	1262.9	1270.4
77.5°	882.6	933.3	959.9	1011.3	1008.8	993.1	945.7	964.0	983.1	996.4	1005.5
80°	627.7	665.9	704.9	741.5	746.5	733.2	704.1	714.9	726.5	735.7	740.6
82.5°	486.6	504.0	496.5	492.4	499.0	518.1	524.8	531.4	514.8	504.0	508.2
85°	424.3	426.0	439.2	448.4	450.9	450.9	444.2	449.2	453.4	464.2	464.2
87.5°	386.9	388.6	421.8	430.9	434.3	430.1	421.8	425.1	428.4	435.1	435.1
90°	343.8	348.7	381.9	389.4	392.7	386.1	383.6	386.1	381.9	384.4	384.4
92.5°	319.7	319.7	335.5	332.1	331.3	332.1	333.0	335.5	331.3	329.6	329.6
95°	292.3	296.4	292.3	295.6	294.8	290.6	289.0	290.6	288.1	288.1	289.8
97.5°	244.9	245.8	238.3	240.8	240.8	237.5	233.3	235.0	232.5	234.2	235.0
100°	229.2	226.7	214.2	212.6	211.7	209.2	206.8	206.8	205.9	205.1	205.9
102.5°	224.2	224.2	207.6	204.3	202.6	198.4	195.1	195.1	195.1	195.1	196.0
105°	205.1	210.9	198.4	196.0	193.5	188.5	183.5	182.7	184.3	182.7	185.2
107.5°	186.0	191.0	184.3	184.3	181.8	176.9	173.5	172.7	173.5	171.9	173.5
110°	175.2	177.7	170.2	170.2	168.6	164.4	163.6	162.7	162.7	160.3	161.9



REPORT NUMBER: P856169
 CATALOG NUMBER: FFX-CLB-50-730-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	161.9	161.9	156.1	154.4	154.4	151.9	151.1	150.3	150.3	150.3	151.1
115°	161.1	160.3	151.1	145.3	144.5	143.6	144.5	143.6	143.6	142.8	142.8
117.5°	196.8	188.5	157.8	143.6	143.6	144.5	147.8	145.3	139.5	139.5	138.7
120°	212.6	214.2	181.8	166.9	163.6	159.4	158.6	156.9	151.1	150.3	153.6
122.5°	187.7	196.0	176.0	170.2	166.9	161.9	158.6	157.8	157.8	153.6	159.4
125°	146.1	153.6	143.6	142.8	142.0	142.8	141.2	141.2	142.8	140.3	141.2
127.5°	125.4	128.7	124.5	124.5	123.7	122.9	121.2	122.1	121.2	122.1	122.9
130°	120.4	122.9	118.7	117.1	117.1	117.9	117.9	117.9	115.4	113.8	114.6
132.5°	119.6	118.7	112.1	108.8	108.8	114.6	117.1	117.1	111.3	107.1	107.1
135°	107.9	108.8	107.9	103.8	104.6	106.3	108.8	109.6	103.8	101.3	102.1
137.5°	103.8	106.3	107.1	105.5	105.5	103.8	103.0	103.8	102.1	103.0	103.0
140°	103.8	104.6	107.1	108.8	107.1	105.5	105.5	105.5	106.3	108.8	110.4
142.5°	106.3	107.1	106.3	105.5	107.9	112.1	115.4	115.4	112.9	111.3	112.1
145°	122.1	124.5	124.5	122.1	123.7	122.1	122.1	120.4	120.4	120.4	121.2
147.5°	116.2	115.4	117.1	119.6	117.1	116.2	116.2	117.1	118.7	119.6	120.4
150°	91.3	88.8	90.5	95.5	94.7	94.7	94.7	95.5	96.3	96.3	97.1
152.5°	72.2	72.2	73.9	73.9	74.7	74.7	73.9	73.9	73.9	74.7	74.7
155°	64.8	63.9	65.6	68.1	66.4	66.4	66.4	66.4	66.4	66.4	67.3
157.5°	56.5	55.6	55.6	56.5	56.5	56.5	56.5	57.3	57.3	56.5	57.3
160°	51.5	51.5	50.6	50.6	50.6	51.5	52.3	52.3	51.5	50.6	50.6
162.5°	49.0	49.0	47.3	46.5	46.5	47.3	49.0	49.0	47.3	46.5	46.5
165°	49.0	48.2	45.7	44.0	44.0	45.7	48.2	48.2	45.7	44.0	44.0
167.5°	48.2	48.2	46.5	44.8	44.8	46.5	47.3	48.2	47.3	45.7	44.8
170°	46.5	46.5	47.3	47.3	46.5	46.5	46.5	46.5	47.3	47.3	47.3
172.5°	48.2	47.3	48.2	49.0	49.0	48.2	47.3	47.3	48.2	49.0	49.0
175°	49.0	49.0	48.2	48.2	48.2	47.3	47.3	47.3	48.2	49.0	48.2
177.5°	44.0	44.0	43.2	44.0	44.0	44.0	43.2	44.0	44.0	44.0	44.8
180°	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5

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: SP1-2406-133-4

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5.

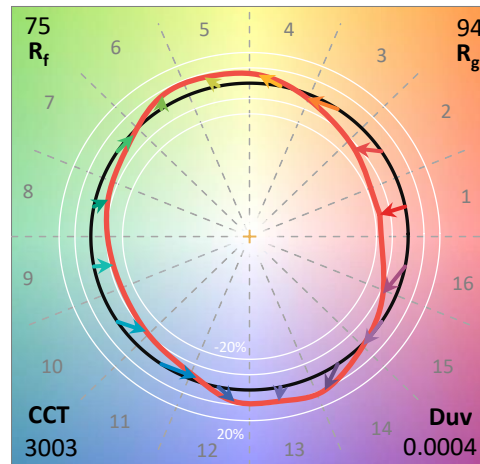
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-4
 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-100-730-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 3003
 CIE u': 0.2503
 CIE v': 0.5219
 Duv: 0.0004
 CIE x: 0.4373
 CIE y: 0.4053
 CIE z: 0.1573
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 52.93545
 Rf: 75.2
 Rg: 93.8

CRI (Ra):	71.9		
R1:	68.2	R9:	-33.7
R2:	82.2	R10:	59.0
R3:	93.9	R11:	62.4
R4:	67.6	R12:	48.5
R5:	67.2	R13:	70.8
R6:	75.3	R14:	96.6
R7:	77.6	R15:	60.0
R8:	43.1		



Test Conditions

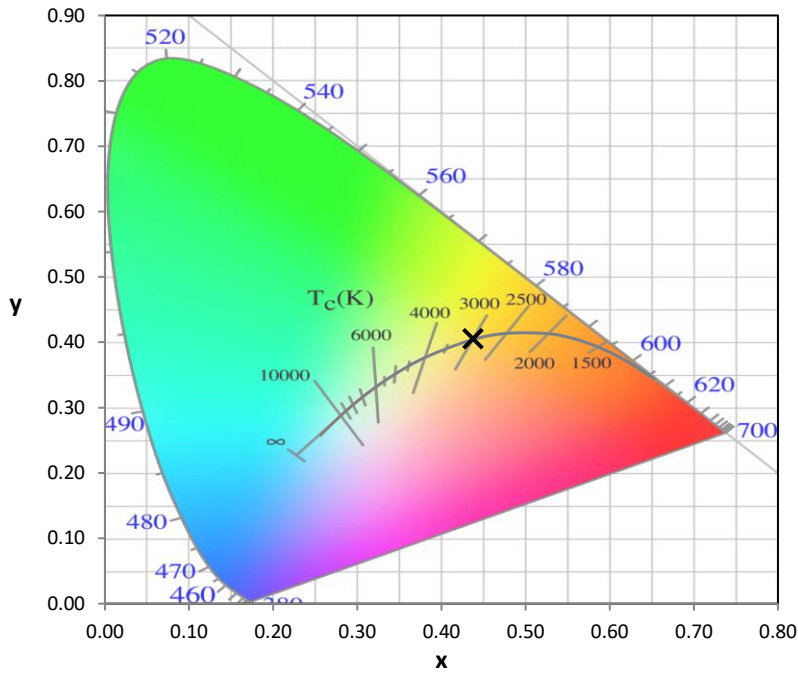
Stabilization Time: 0.794393M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-4

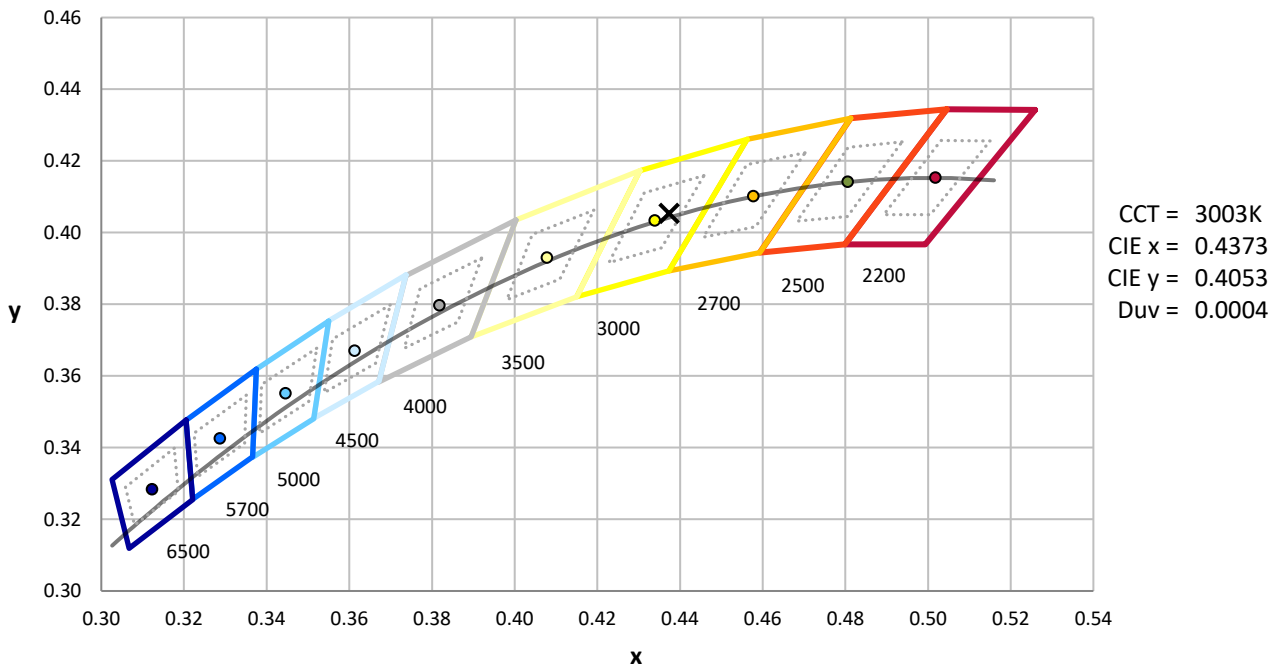
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2406-133-4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-4

Photopic Flux vs. Wavelength

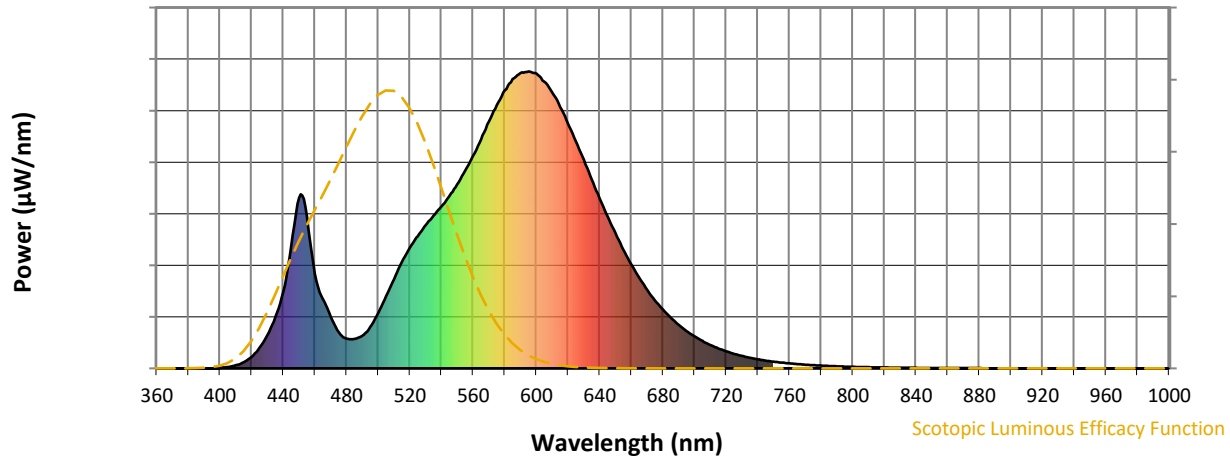


Photopic Lumens: NR

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.21

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.22

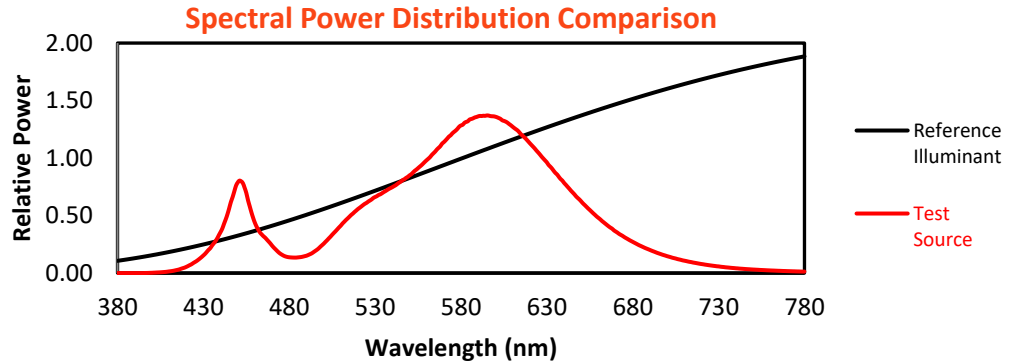
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-4

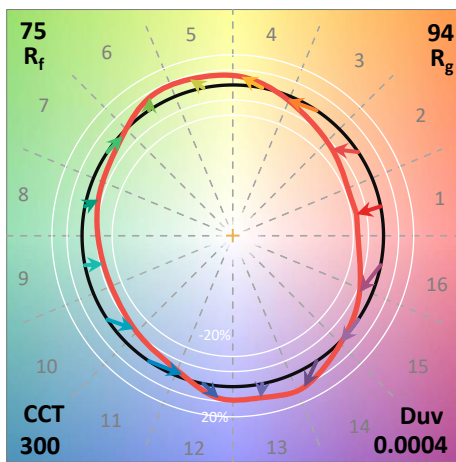
TM-30-18

Summary

$R_f = 75.2$
 $R_g = 93.8$
 CIE $R_a = 71.9$
 $R_g = -33.7$



Color Vector Graphics



REPORT NUMBER: SP1-2406-133-4

TM-30-18

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

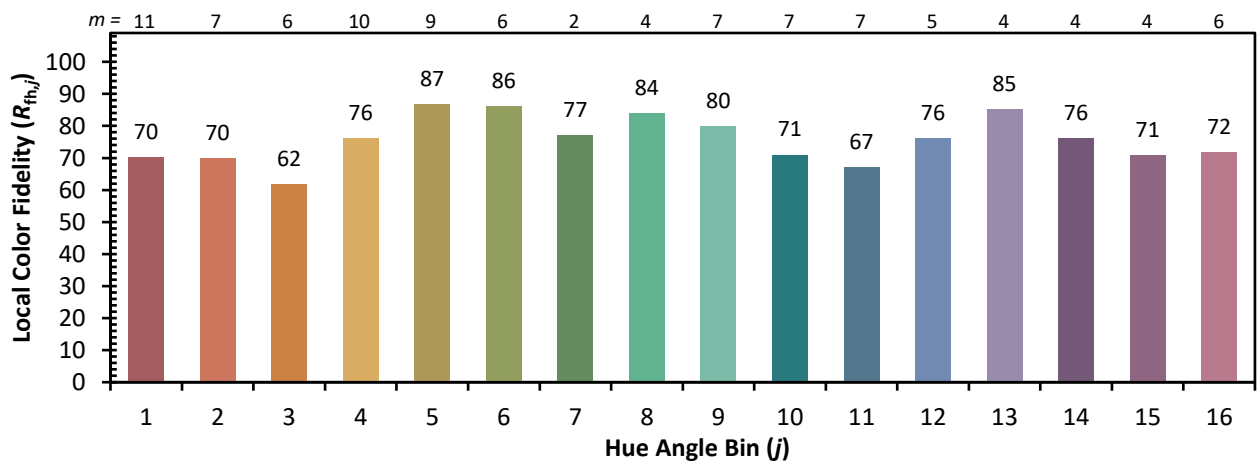
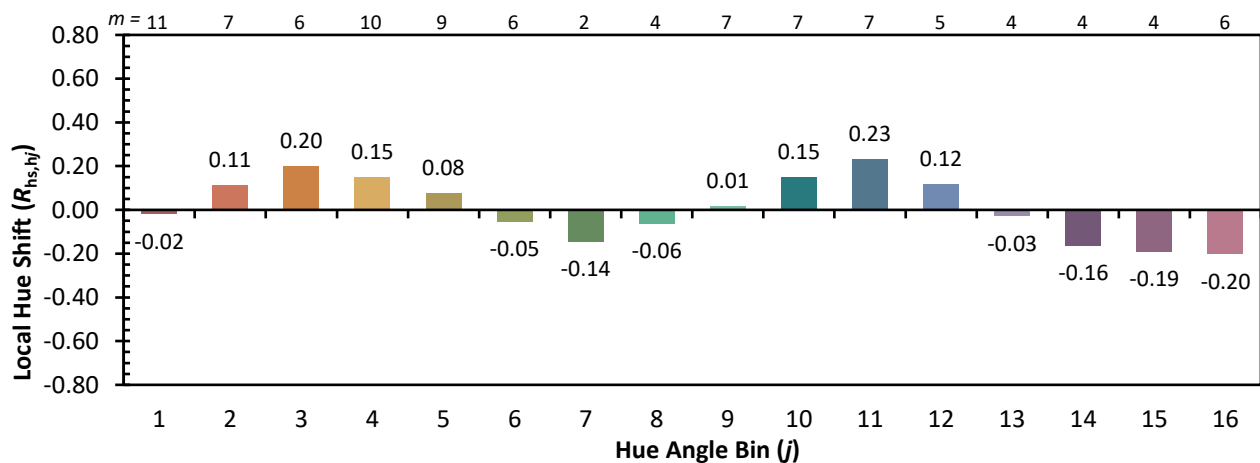
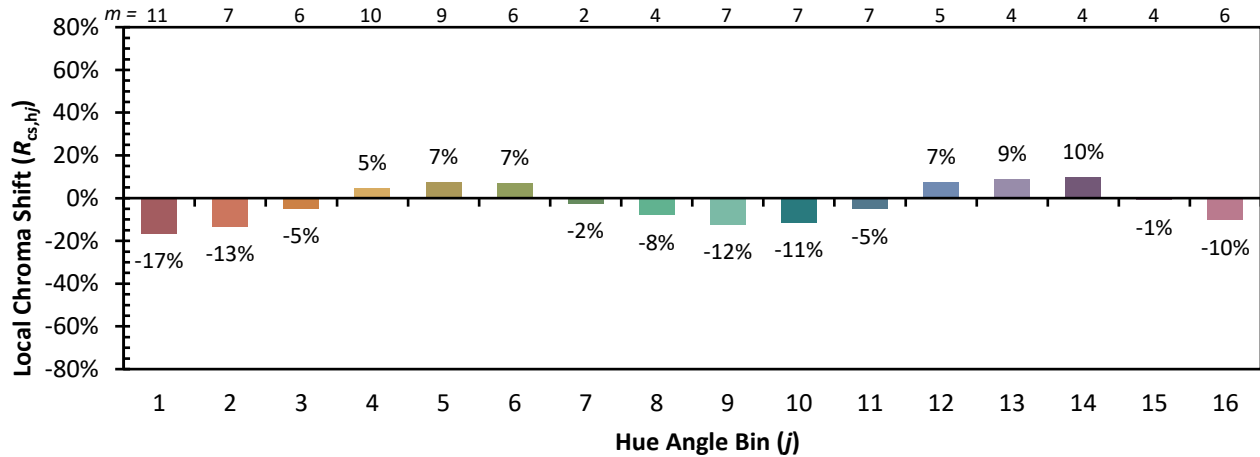
CES01 = 86	CES26 = 66	CES51 = 87	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 77
CES03 = 31	CES28 = 85	CES53 = 77	CES78 = 63
CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 79	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 76	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 75
CES11 = 59	CES36 = 93	CES61 = 81	CES86 = 63
CES12 = 65	CES37 = 85	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 67
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 80
CES16 = 47	CES41 = 93	CES66 = 61	CES91 = 80
CES17 = 50	CES42 = 87	CES67 = 59	CES92 = 57
CES18 = 56	CES43 = 79	CES68 = 67	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 61	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 58	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 54	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 65
CES25 = 73	CES50 = 86	CES75 = 61	



REPORT NUMBER: SP1-2406-133-4

TM-30-18

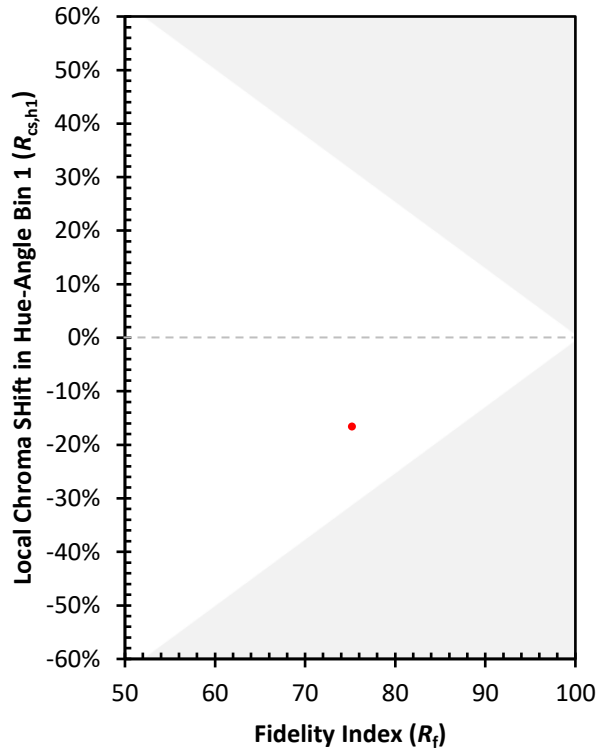
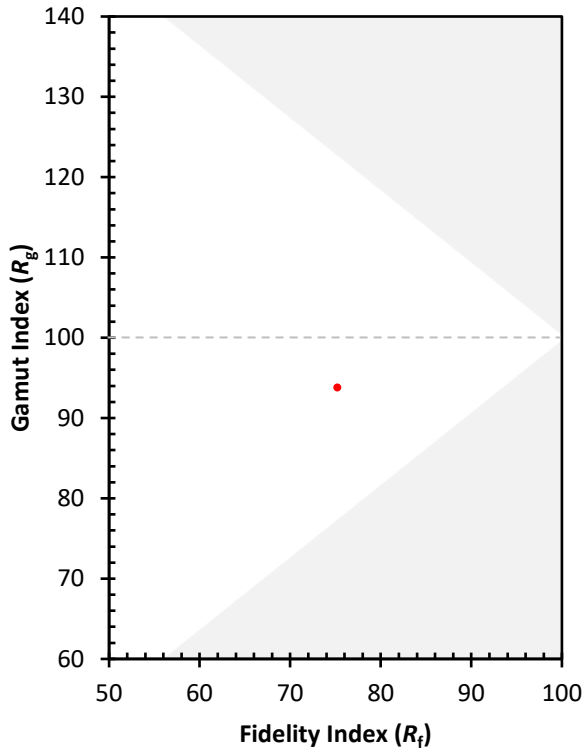
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-4

TM-30-18

Measure Comparisons



(END OF REPORT)