

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: P856075

Luminaire Tested: **FFX-CLB-90-730-U-FR-T5**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856075
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-90-730-U-FR-T5
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

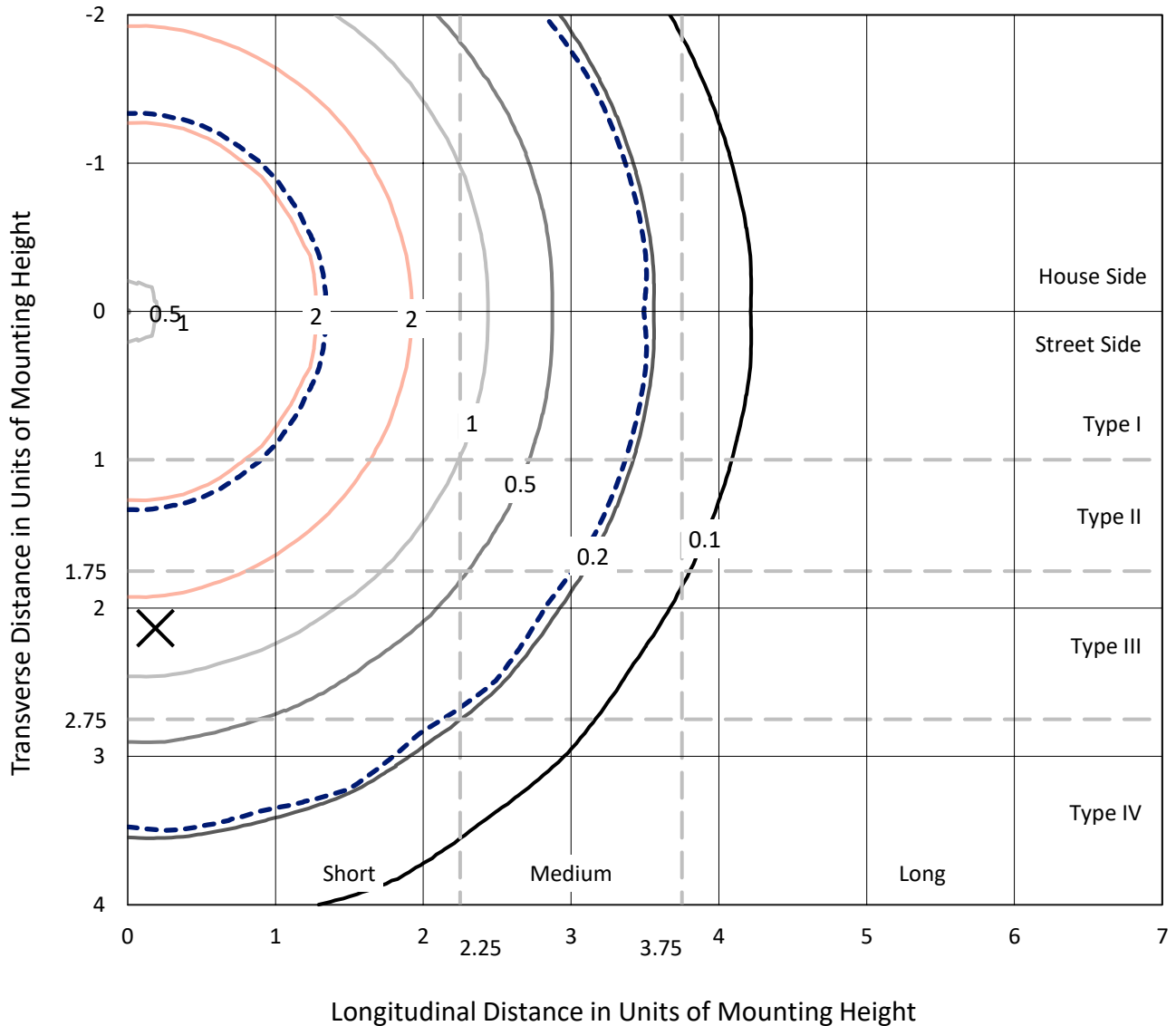
Lumens per Lamp: N/A
Luminaire Lumens: 14265.5 lumens
Efficiency: N/A
Efficacy: 158.0 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type V - Short
BUG Rating: B4 - U5 - G3

Input Watts (W): 90.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.6%%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

REPORT NUMBER: P856075
 CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination

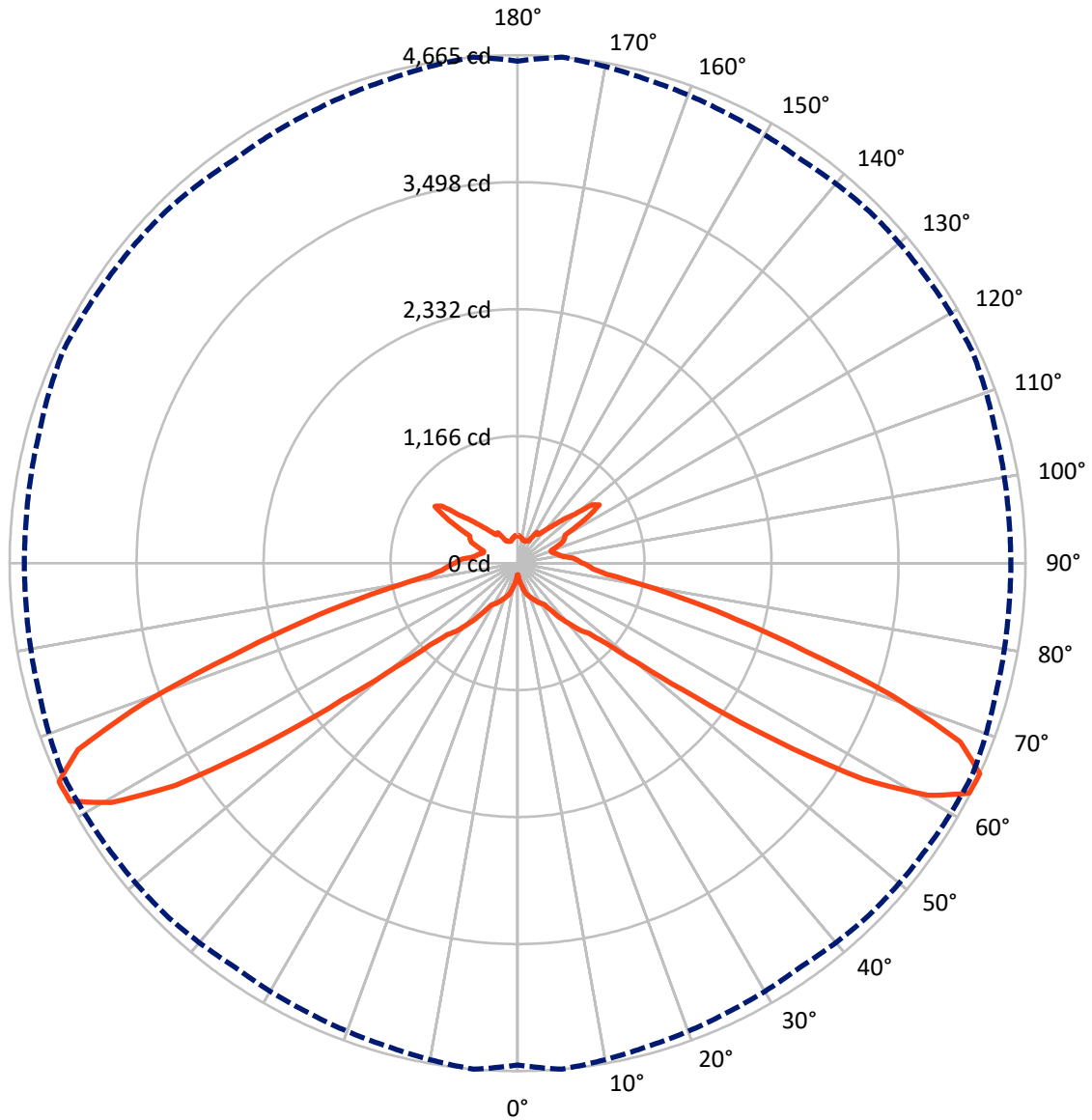
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.6 fc
 Type V - Short - N/A

REPORT NUMBER: P856075
CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P856075
 CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

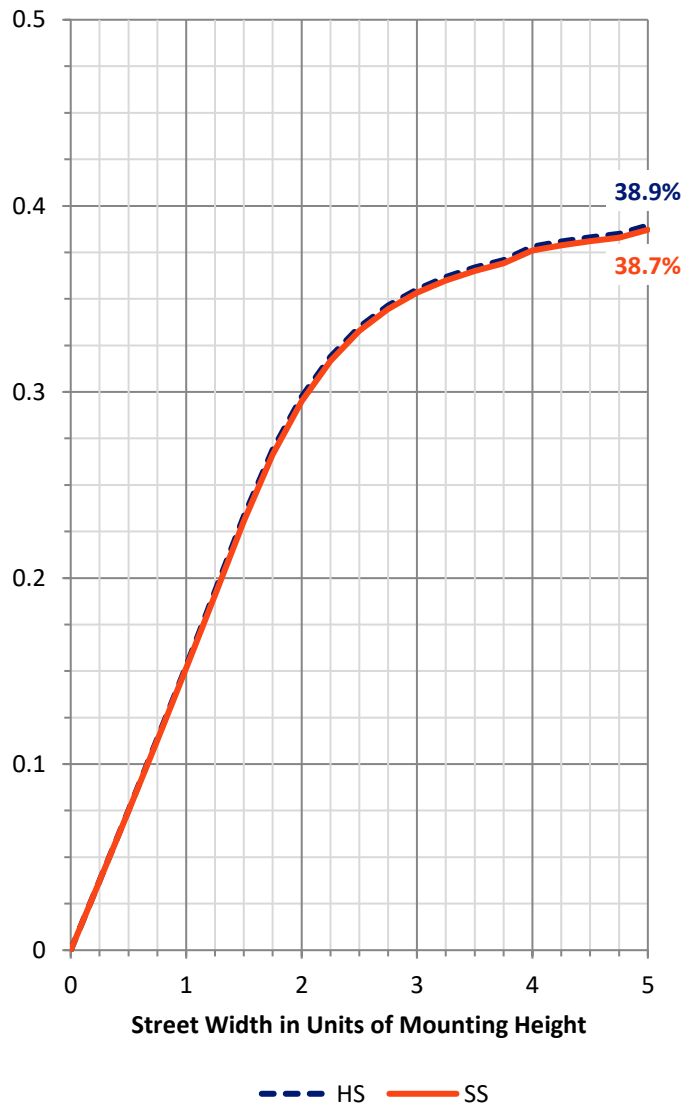
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5748.4	1384.4	7132.8
	% Fixture	40.3	9.7	50.0
Street Side	Lumens	5748.4	1384.4	7132.8
	% Fixture	40.3	9.7	50.0
Total	Lumens	11496.8	2768.7	14265.5
	% Fixture	80.6	19.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.1
10°-20°	81.5	0.6
20°-30°	177.0	1.2
30°-40°	351.3	2.5
40°-50°	761.8	5.3
50°-60°	2623.6	18.4
60°-70°	4309.0	30.2
70°-80°	2312.7	16.2
80°-90°	863.6	6.1
90°-100°	545.5	3.8
100°-110°	365.3	2.6
110°-120°	401.6	2.8
120°-130°	664.4	4.7
130°-140°	391.3	2.7
140°-150°	207.0	1.5
150°-160°	108.7	0.8
160°-170°	61.7	0.4
170°-180°	23.2	0.2
0°-90°	11496.8	80.6
0°-180°	14265.5	100.0



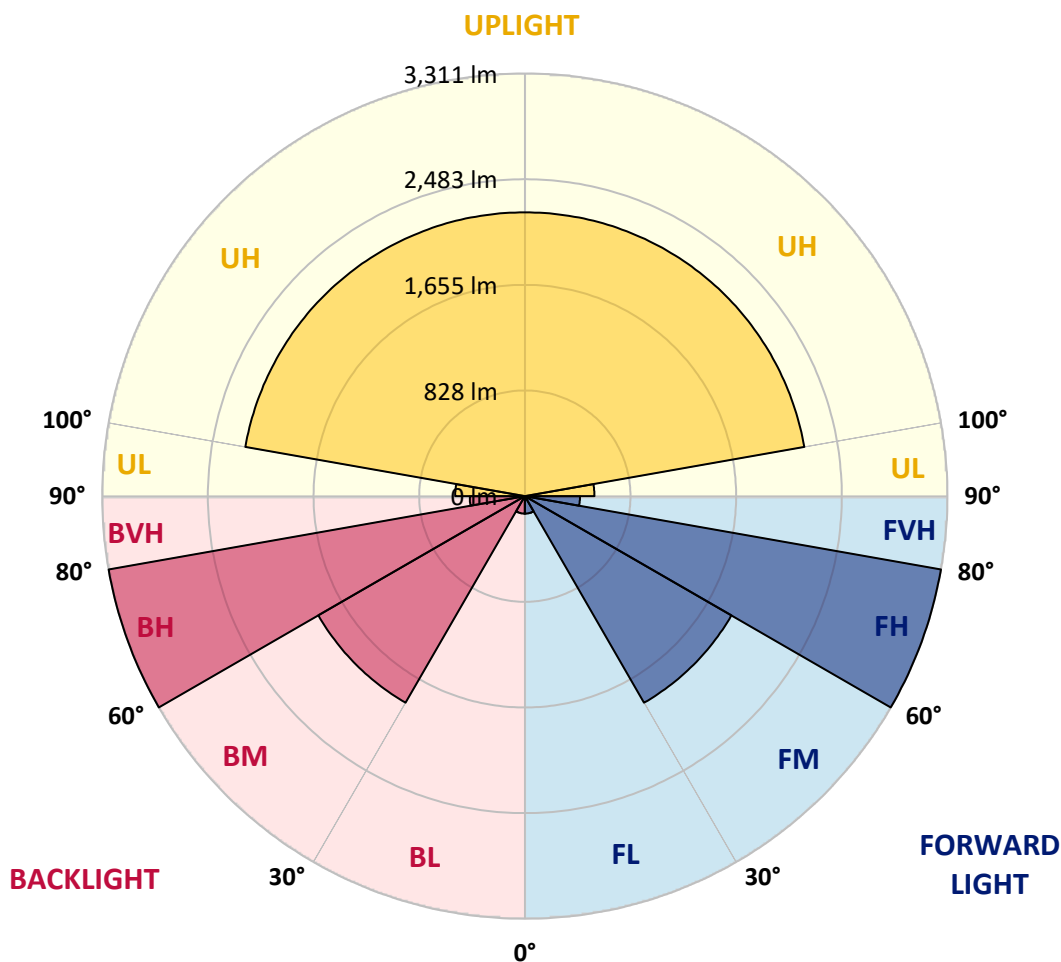
REPORT NUMBER: P856075
 CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	137.3	1.0			
FM (30°-60°)	1868.3	13.1			
FH (60°-80°)	3310.9	23.2			G2/5000
FVH (80°-90°)	431.8	3.0			G3/500
BL (0°-30°)	137.3	1.0	B1/500		
BM (30°-60°)	1868.3	13.1	B2/2500		
BH (60°-80°)	3310.9	23.2	B4/5000		G2/5000
BVH (80°-90°)	431.8	3.0			G3/500
UL (90°-100°)	545.5	3.8		U4/1000	
UH (100°-180°)	2223.3	15.6		U5	

BUG Rating: B4-U5-G3

Type V Short





REPORT NUMBER: P856075

CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	106.1	106.1	106.1	106.1	106.1	106.1	106.1	106.1	106.1	106.1	106.1
2.5°	112.0	112.0	110.5	109.1	110.5	112.0	112.0	113.4	110.5	110.5	112.0
5°	149.8	149.8	149.8	148.3	145.4	145.4	143.9	148.3	149.8	151.2	151.2
7.5°	186.1	184.7	187.6	189.0	181.8	178.8	178.8	180.3	183.2	186.1	189.0
10°	210.8	209.4	210.8	216.6	215.2	210.8	210.8	210.8	215.2	222.5	223.9
12.5°	248.6	248.6	251.5	255.9	257.4	253.0	250.1	250.1	255.9	257.4	255.9
15°	289.4	289.4	287.9	286.4	287.9	286.4	286.4	287.9	292.3	290.8	290.8
17.5°	311.2	309.7	308.3	309.7	309.7	308.3	309.7	312.6	311.2	315.5	317.0
20°	334.4	334.4	331.5	331.5	331.5	333.0	334.4	333.0	334.4	335.9	337.3
22.5°	356.2	356.2	354.8	353.3	354.8	356.2	357.7	354.8	354.8	357.7	357.7
25°	381.0	381.0	381.0	376.6	378.0	379.5	378.0	376.6	378.0	379.5	381.0
27.5°	408.6	408.6	405.7	401.3	402.8	402.8	404.2	401.3	404.2	404.2	404.2
30°	431.8	428.9	427.5	424.6	424.6	427.5	430.4	426.0	427.5	427.5	428.9
32.5°	453.7	453.7	452.2	446.4	444.9	453.7	456.6	455.1	449.3	450.7	452.2
35°	535.1	535.1	524.9	514.7	523.4	522.0	533.6	533.6	533.6	536.5	542.4
37.5°	636.9	641.2	657.2	680.5	680.5	647.0	629.6	628.1	651.4	671.8	670.3
40°	727.0	731.4	727.0	729.9	727.0	728.5	729.9	727.0	713.9	709.6	700.8
42.5°	839.0	840.4	812.8	780.8	783.7	799.7	818.6	820.1	792.4	779.4	776.4
45°	917.5	920.4	910.2	905.9	905.9	911.7	910.2	910.2	900.0	898.6	895.7
47.5°	1109.4	1103.6	1083.2	1076.0	1084.7	1080.3	1108.0	1100.7	1089.1	1089.1	1099.2
50°	1471.5	1465.7	1467.1	1459.8	1483.1	1449.7	1483.1	1474.4	1456.9	1465.7	1472.9
52.5°	2063.3	2026.9	2031.3	2016.7	2057.4	2026.9	2082.2	2074.9	2018.2	2042.9	2044.4
55°	2915.3	2868.8	2865.9	2768.5	2844.1	2854.2	2924.0	2941.5	2831.0	2832.4	2839.7
57.5°	3760.1	3745.6	3792.1	3731.0	3784.8	3760.1	3758.6	3790.6	3726.7	3735.4	3758.6
60°	4319.9	4331.5	4383.9	4399.9	4418.8	4383.9	4312.6	4327.2	4322.8	4397.0	4402.8
62.5°	4619.4	4654.3	4616.5	4604.9	4588.9	4602.0	4593.3	4602.0	4575.8	4610.7	4612.2
65°	4609.3	4664.5	4596.2	4554.0	4527.8	4568.5	4580.2	4606.3	4551.1	4529.3	4529.3
67.5°	4317.0	4383.9	4276.3	4271.9	4207.9	4276.3	4257.4	4277.7	4234.1	4203.6	4174.5
70°	3591.4	3652.5	3523.1	3539.1	3428.6	3540.5	3511.5	3549.3	3514.4	3454.8	3419.9
72.5°	2705.9	2759.7	2663.8	2688.5	2615.8	2700.1	2655.0	2719.0	2697.2	2671.0	2642.0
75°	2047.3	2089.4	2095.2	2178.1	2090.9	2131.6	2050.2	2088.0	2124.3	2154.9	2122.9
77.5°	1506.4	1535.4	1622.7	1714.3	1628.5	1657.6	1576.2	1612.5	1646.0	1698.3	1675.0
80°	1064.3	1097.8	1177.8	1246.1	1183.6	1209.7	1157.4	1177.8	1203.9	1241.7	1217.0
82.5°	828.8	817.2	814.3	796.8	777.9	843.3	856.4	868.1	843.3	833.2	821.5
85°	695.0	697.9	715.4	737.2	737.2	738.6	725.6	731.4	741.6	760.5	761.9
87.5°	638.3	647.0	696.5	713.9	706.7	709.6	697.9	700.8	708.1	718.3	715.4
90°	562.7	584.5	631.0	648.5	636.9	642.7	636.9	641.2	635.4	638.3	632.5
92.5°	549.6	548.2	562.7	561.3	554.0	571.4	571.4	574.3	567.1	562.7	559.8
95°	508.9	506.0	504.5	508.9	492.9	506.0	503.1	508.9	506.0	506.0	500.2
97.5°	426.0	426.0	423.1	427.5	417.3	423.1	415.9	420.2	418.8	420.2	415.9
100°	392.6	392.6	389.7	389.7	385.3	386.8	383.9	383.9	382.4	381.0	381.0
102.5°	369.3	372.2	367.9	369.3	363.5	363.5	360.6	362.1	360.6	360.6	359.1
105°	347.5	349.0	346.1	346.1	341.7	340.2	337.3	338.8	340.2	337.3	337.3
107.5°	325.7	327.2	325.7	325.7	321.3	318.4	314.1	314.1	315.5	317.0	317.0
110°	334.4	330.1	325.7	322.8	328.6	319.9	317.0	315.5	317.0	321.3	322.8



REPORT NUMBER: P856075
 CATALOG NUMBER: FFX-CLB-90-730-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	399.9	396.9	396.9	383.9	398.4	389.7	383.9	373.7	378.0	381.0	381.0
115°	463.8	465.3	447.8	442.0	433.3	431.8	436.2	424.6	423.1	424.6	421.7
117.5°	520.5	490.0	424.6	407.1	402.8	399.9	396.9	394.0	391.1	408.6	389.7
120°	556.9	504.5	456.6	446.4	471.1	436.2	412.9	408.6	417.3	447.8	443.5
122.5°	789.5	744.5	709.6	648.5	709.6	674.7	683.4	667.4	658.7	641.2	644.1
125°	923.3	921.9	905.9	894.2	908.8	895.7	881.1	875.3	866.6	871.0	863.7
127.5°	857.9	871.0	850.6	873.9	821.5	836.1	833.2	843.3	834.6	837.5	825.9
130°	679.0	689.2	670.3	658.7	635.4	661.6	663.0	679.0	661.6	638.3	635.4
132.5°	593.2	600.5	571.4	556.9	540.9	564.2	574.3	583.1	571.4	546.7	540.9
135°	504.5	507.5	487.1	490.0	479.8	479.8	478.4	482.7	488.6	484.2	481.3
137.5°	433.3	440.6	433.3	442.0	433.3	426.0	414.4	418.8	431.8	442.0	440.6
140°	375.1	382.4	383.9	392.6	375.1	378.0	370.8	373.7	381.0	391.1	395.5
142.5°	333.0	338.8	325.7	318.4	312.6	330.1	343.1	344.6	335.9	324.2	328.6
145°	324.2	318.4	324.2	318.4	324.2	321.3	322.8	321.3	321.3	321.3	321.3
147.5°	328.6	334.4	334.4	334.4	325.7	327.2	328.6	330.1	330.1	335.9	334.4
150°	273.4	280.6	279.2	286.4	273.4	276.3	277.7	280.6	282.1	283.5	285.0
152.5°	231.2	232.6	237.0	239.9	238.5	237.0	235.6	235.6	238.5	241.4	242.8
155°	225.4	225.4	229.7	234.1	229.7	229.7	228.3	228.3	229.7	234.1	234.1
157.5°	216.6	218.1	218.1	221.0	218.1	219.6	218.1	218.1	219.6	221.0	222.5
160°	212.3	213.7	213.7	213.7	213.7	213.7	213.7	213.7	213.7	215.2	215.2
162.5°	212.3	212.3	212.3	210.8	210.8	212.3	212.3	212.3	212.3	210.8	212.3
165°	216.6	215.2	213.7	212.3	213.7	216.6	218.1	218.1	216.6	213.7	215.2
167.5°	225.4	225.4	223.9	222.5	223.9	225.4	226.8	226.8	225.4	223.9	223.9
170°	234.1	232.6	232.6	232.6	232.6	232.6	232.6	232.6	232.6	232.6	232.6
172.5°	239.9	239.9	241.4	239.9	241.4	241.4	239.9	239.9	239.9	239.9	241.4
175°	248.6	248.6	248.6	248.6	250.1	250.1	250.1	250.1	250.1	250.1	250.1
177.5°	254.5	254.5	254.5	254.5	254.5	254.5	254.5	254.5	254.5	254.5	254.5
180°	255.9	255.9	255.9	255.9	255.9	255.9	255.9	255.9	255.9	255.9	255.9

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.

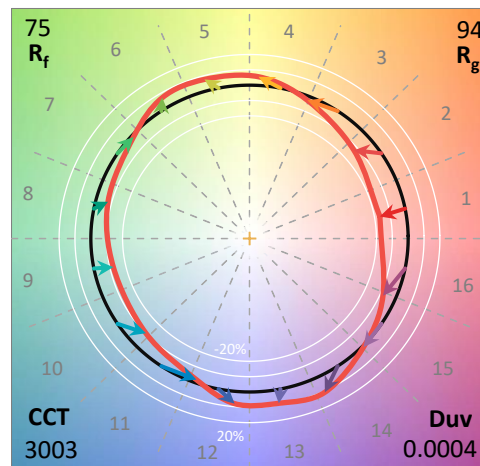
Test Information

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

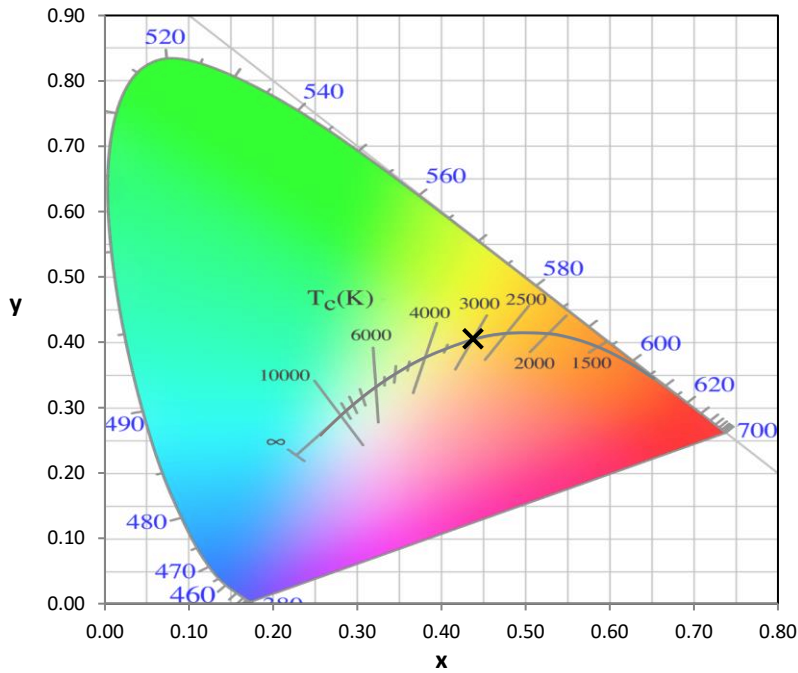
Stabilization Time: 0.794393M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-4

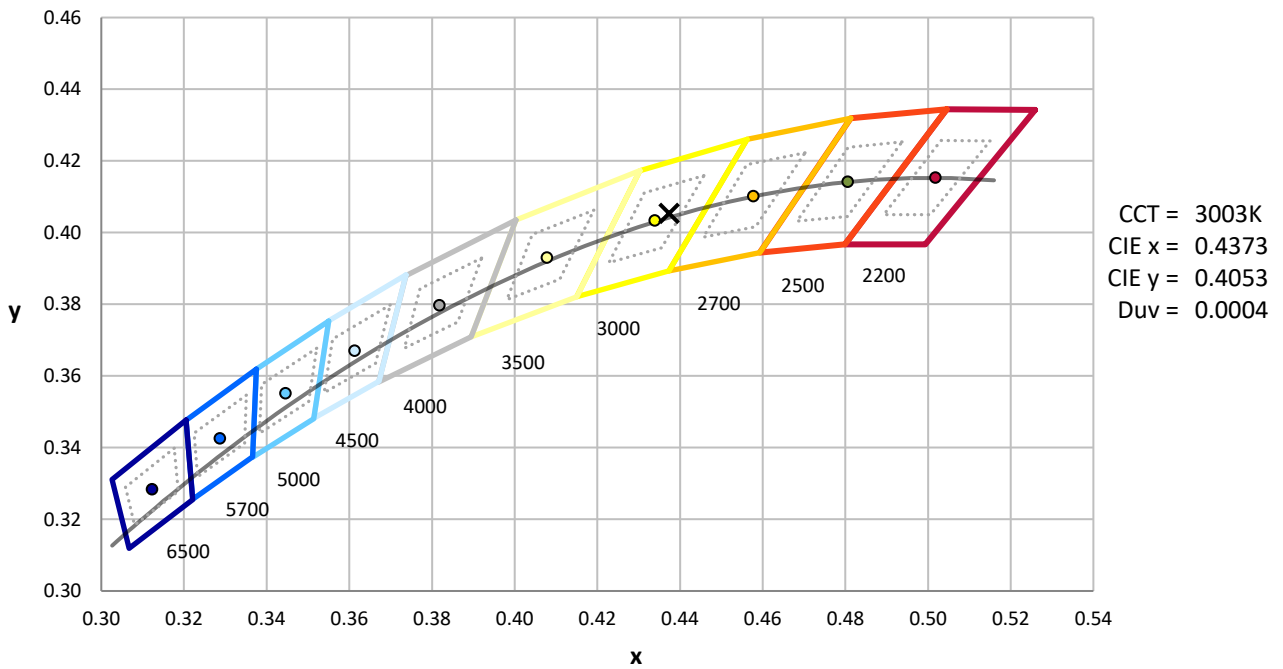
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



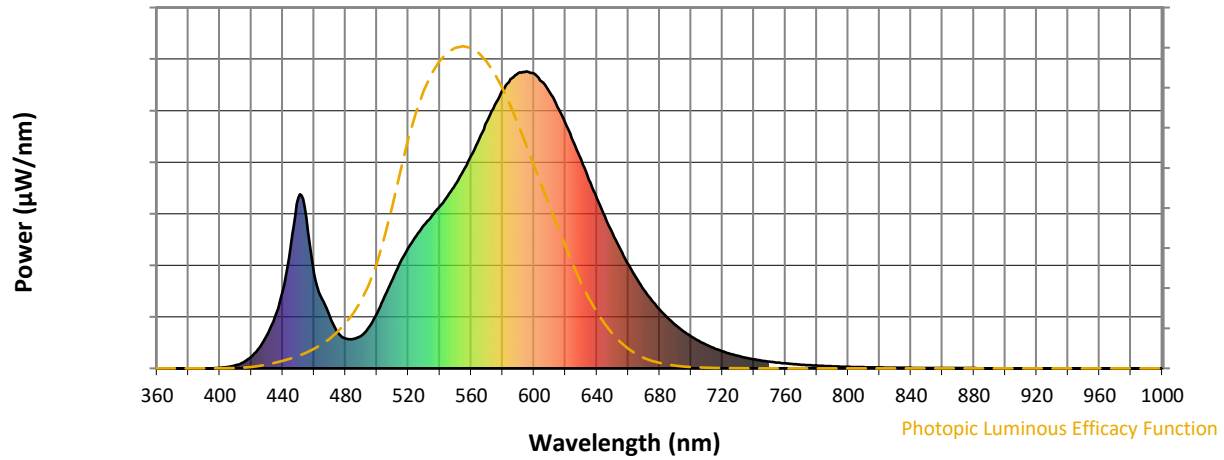
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-4

Photopic Flux vs. Wavelength

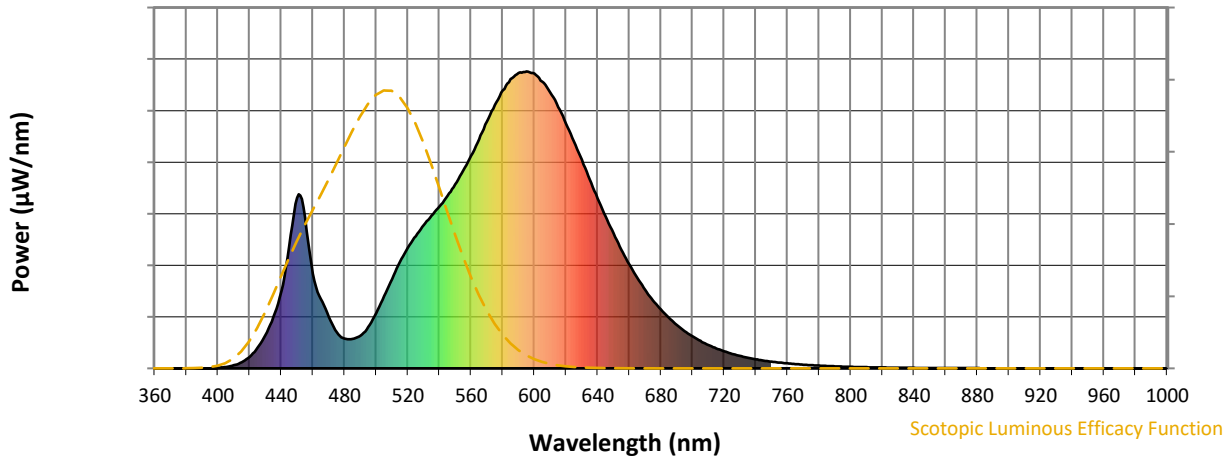


Photopic Lumens: NR

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



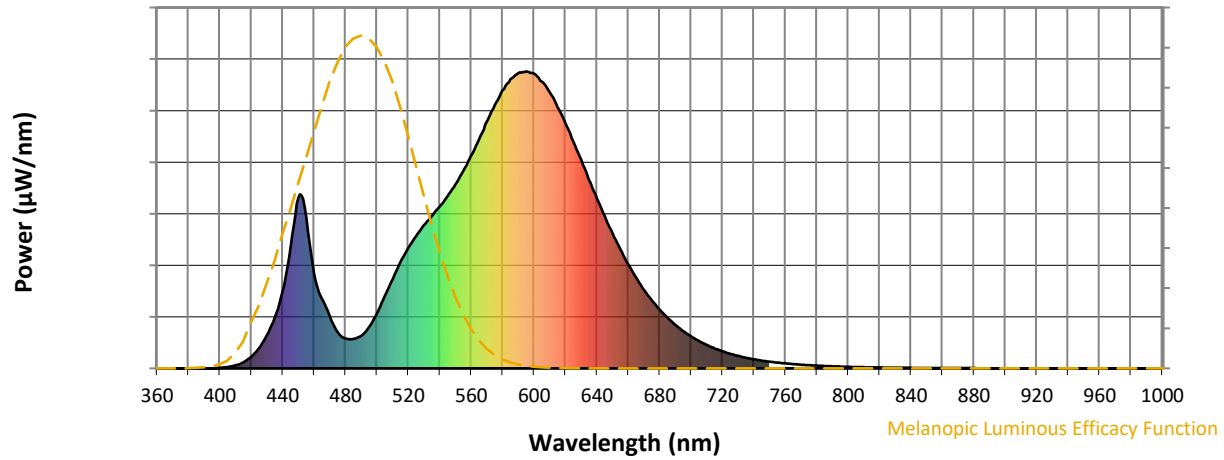
Scotopic Lumens: NR

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

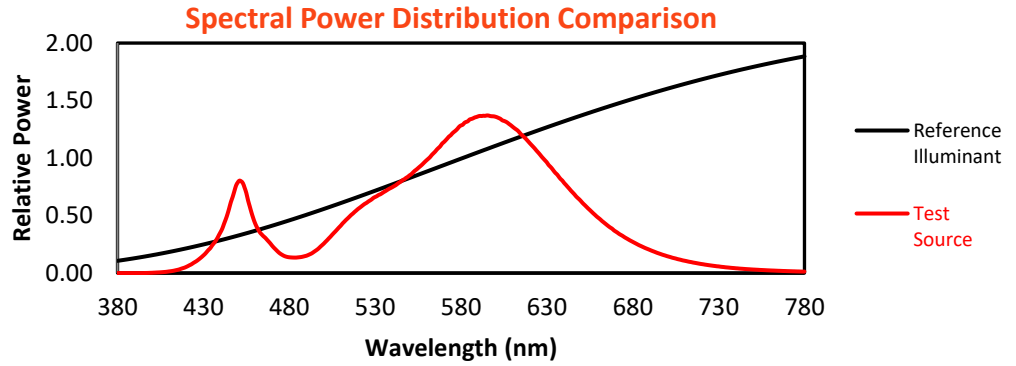
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	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

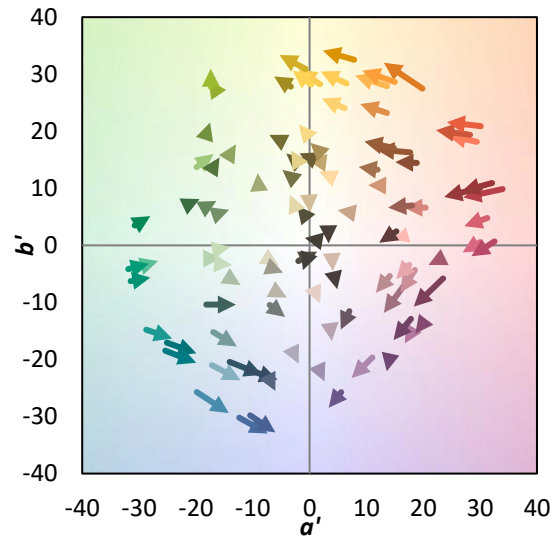
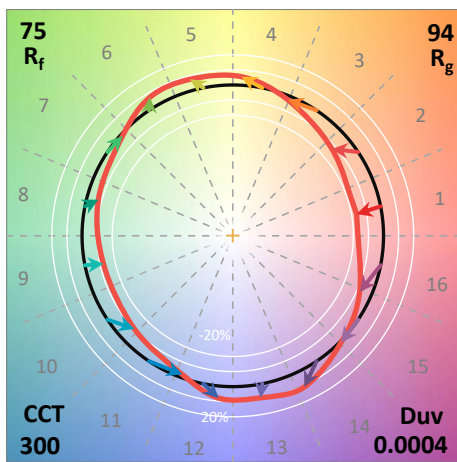
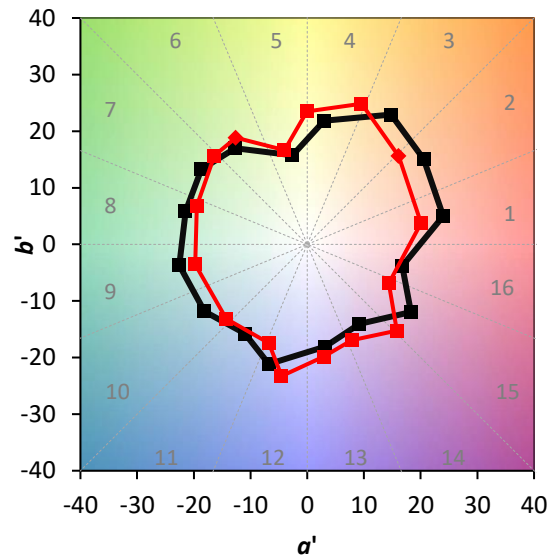
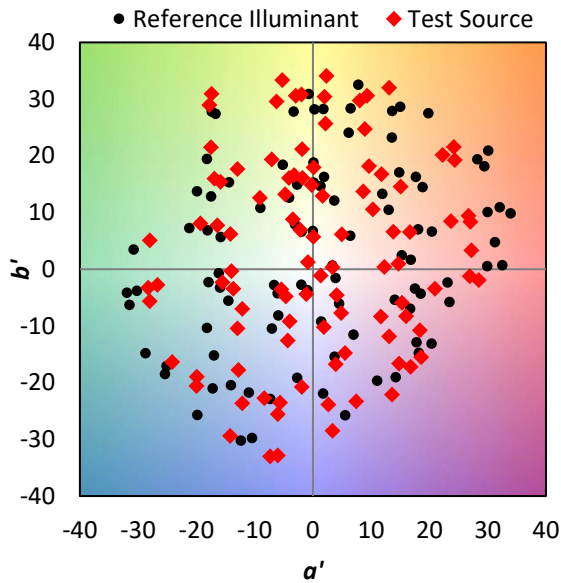
TM-30-18

Summary

$R_f = 75.2$
 $R_g = 93.8$
 CIE $R_a = 71.9$
 $R_9 = -33.7$



Color Vector Graphics

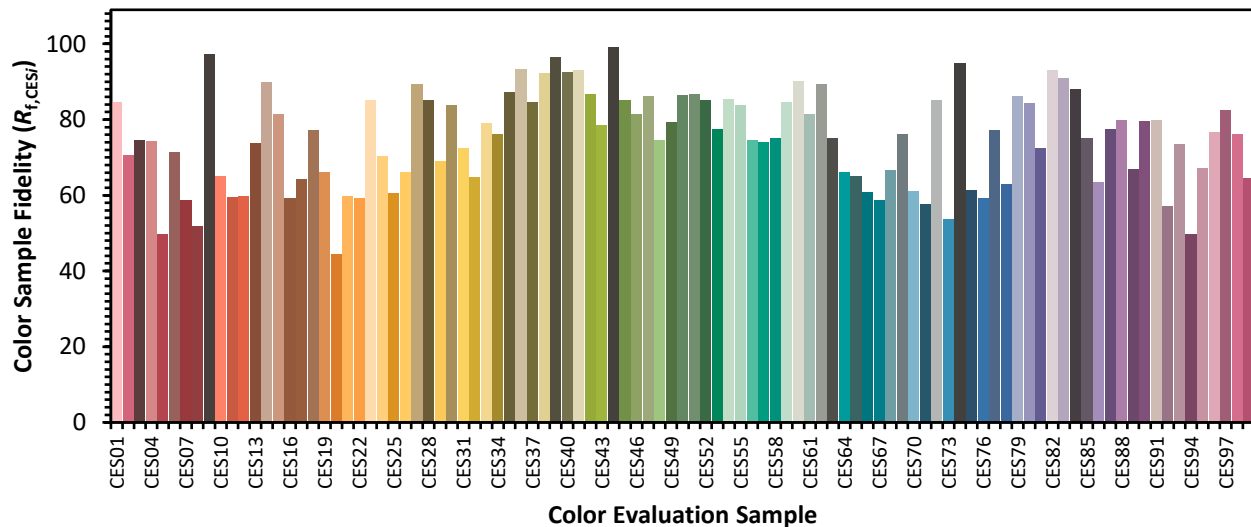


REPORT NUMBER: SP1-2406-133-4

TM-30-18

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

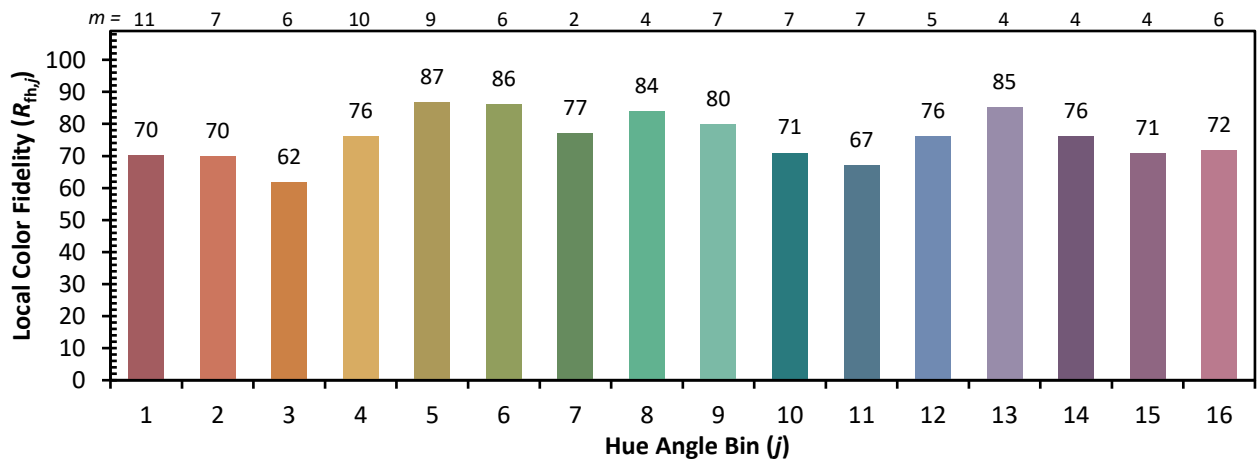
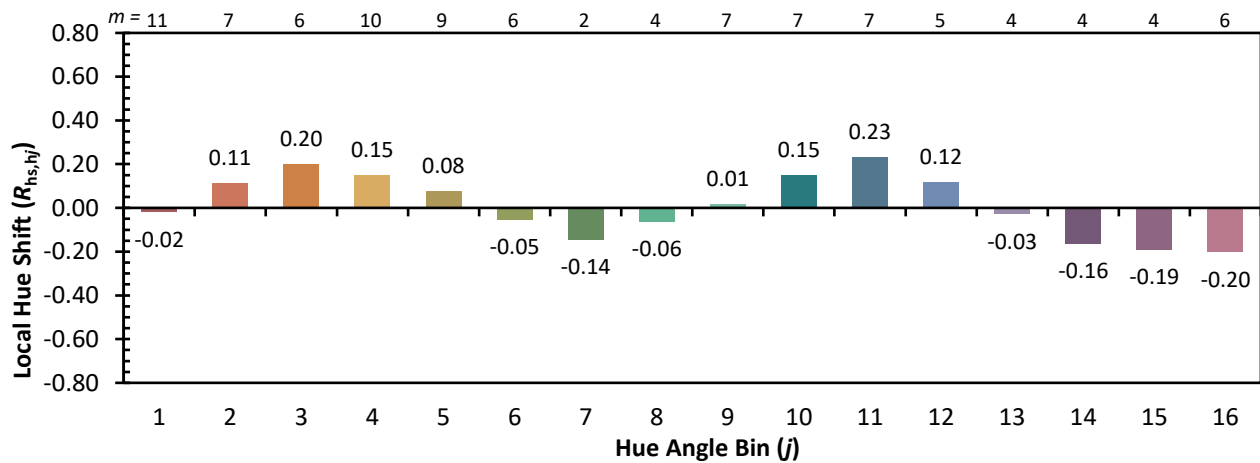
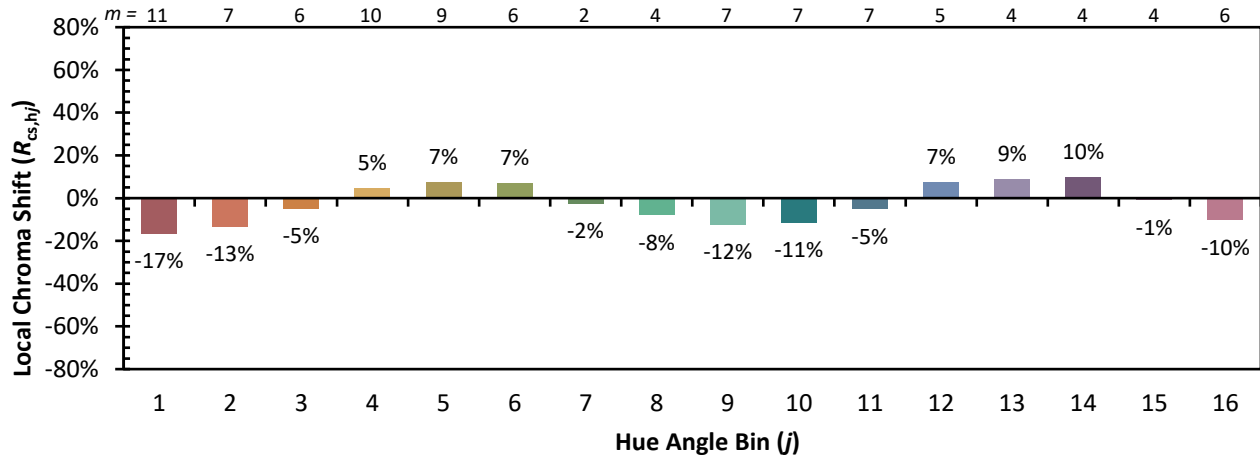
CES01 = 86	CES26 = 66	CES51 = 87	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 77
CES03 = 31	CES28 = 85	CES53 = 77	CES78 = 63
CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 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

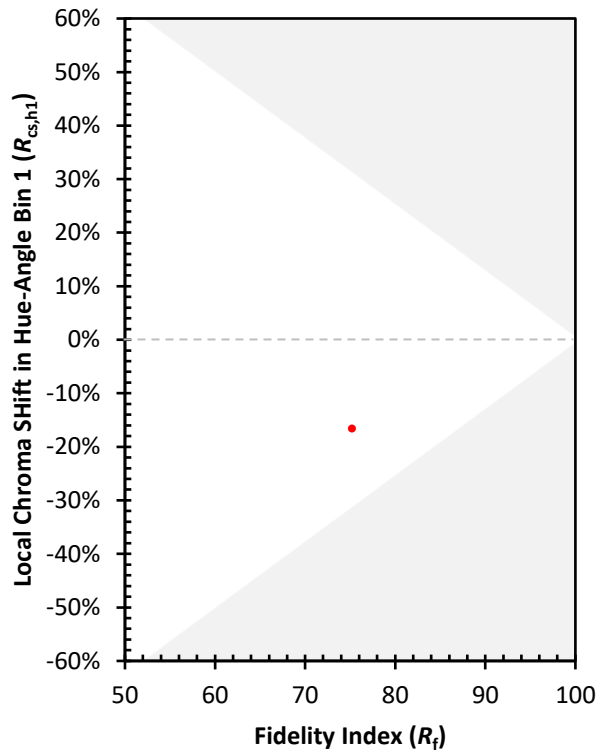
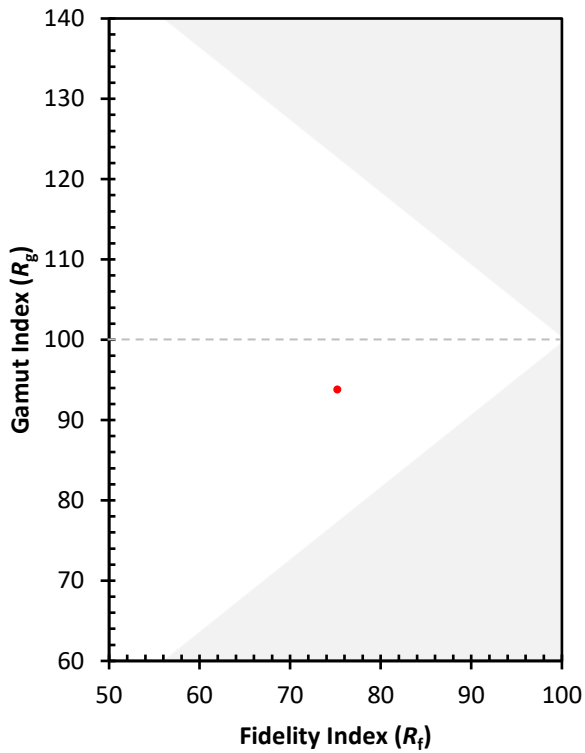
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-4

TM-30-18

Measure Comparisons



(END OF REPORT)