

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: P856402

Luminaire Tested: **FFX-CLB-60-740-U-VM9**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856402
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-60-740-U-VM9
Description: FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source: (6) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

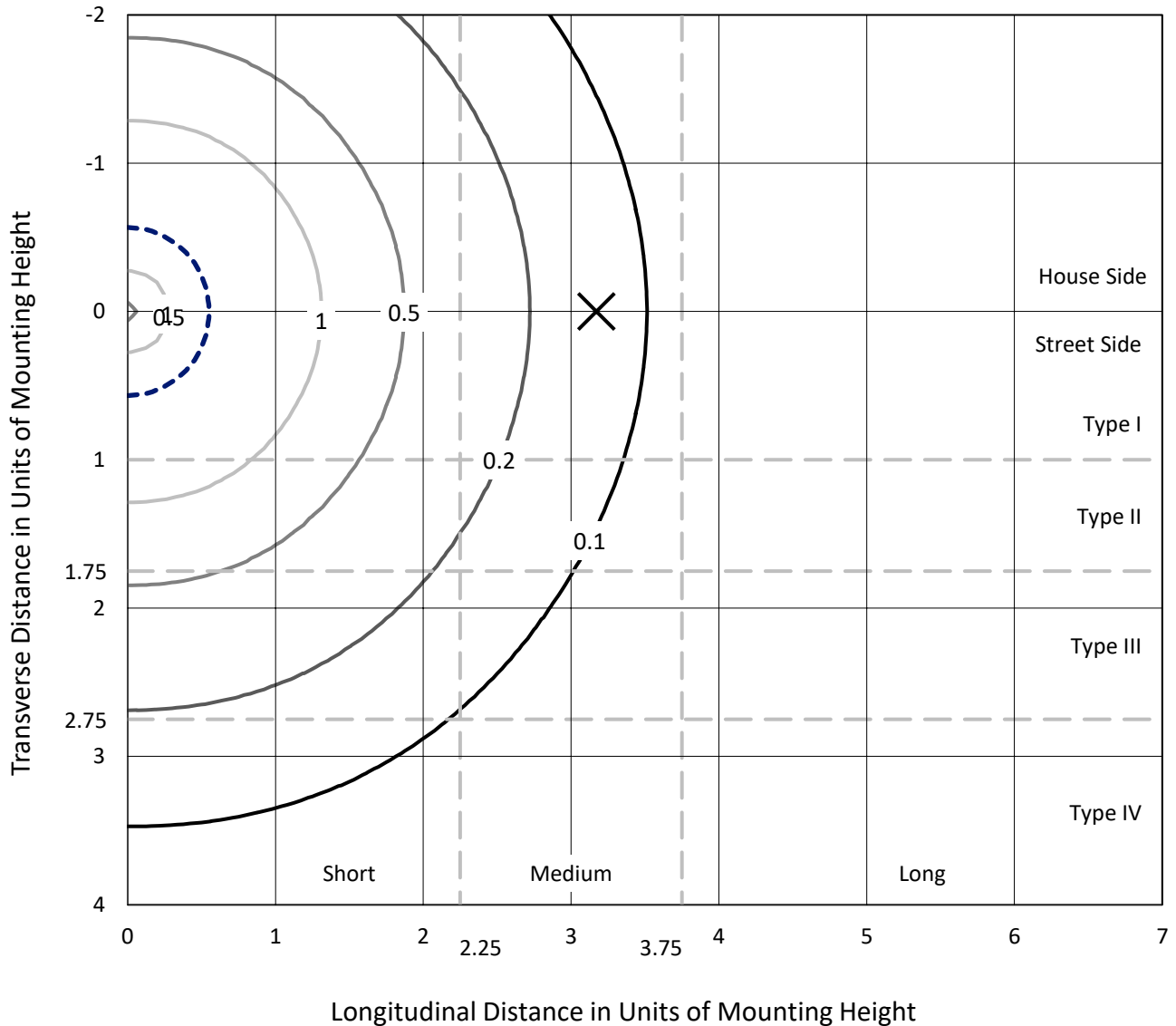
Lumens per Lamp: N/A
Luminaire Lumens: 9692 lumens
Efficiency: N/A
Efficacy: 162.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G4

Input Watts (W): 59.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 8.9%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Iso-Footcandle Lines of Horizontal Illumination

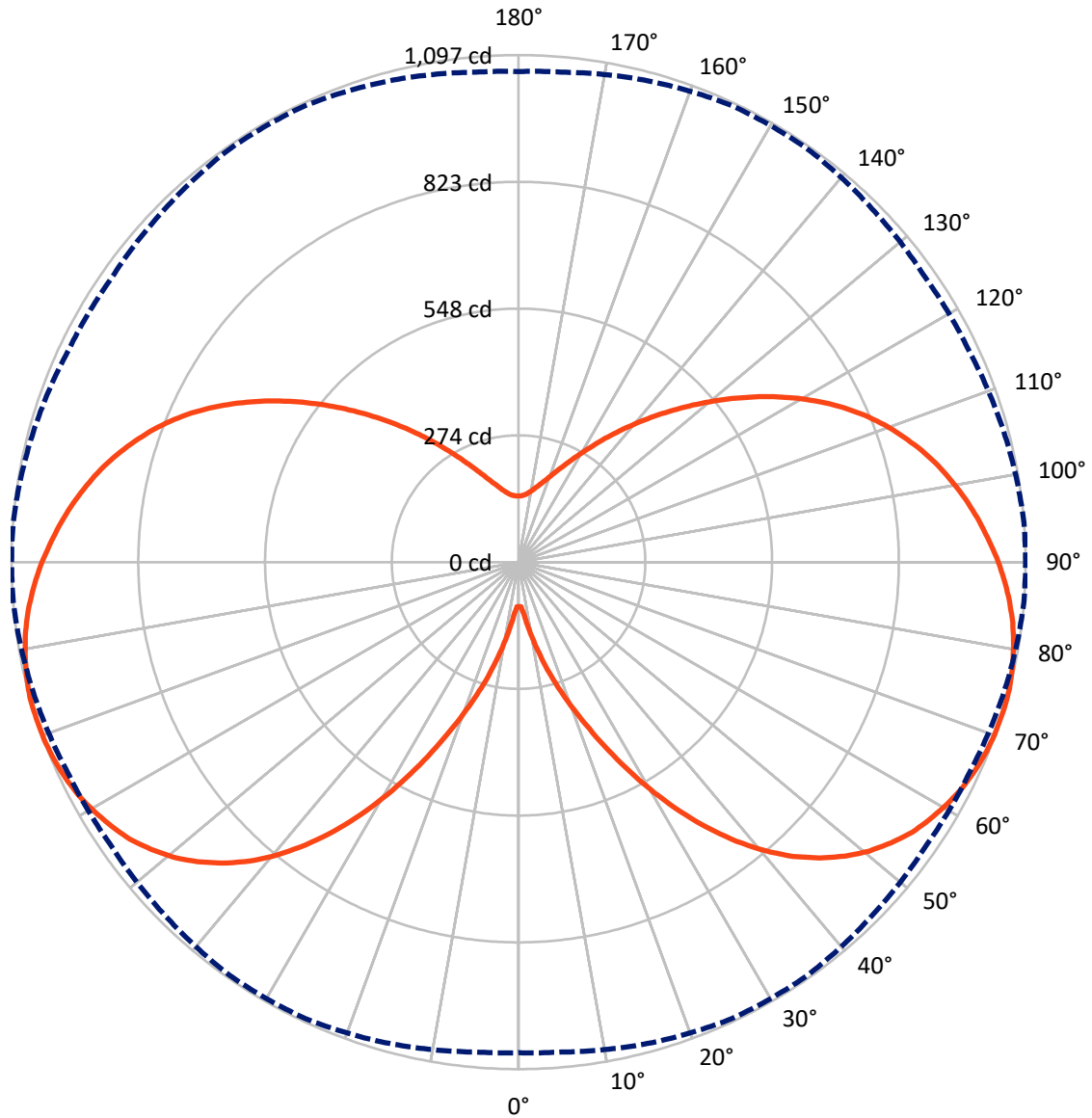
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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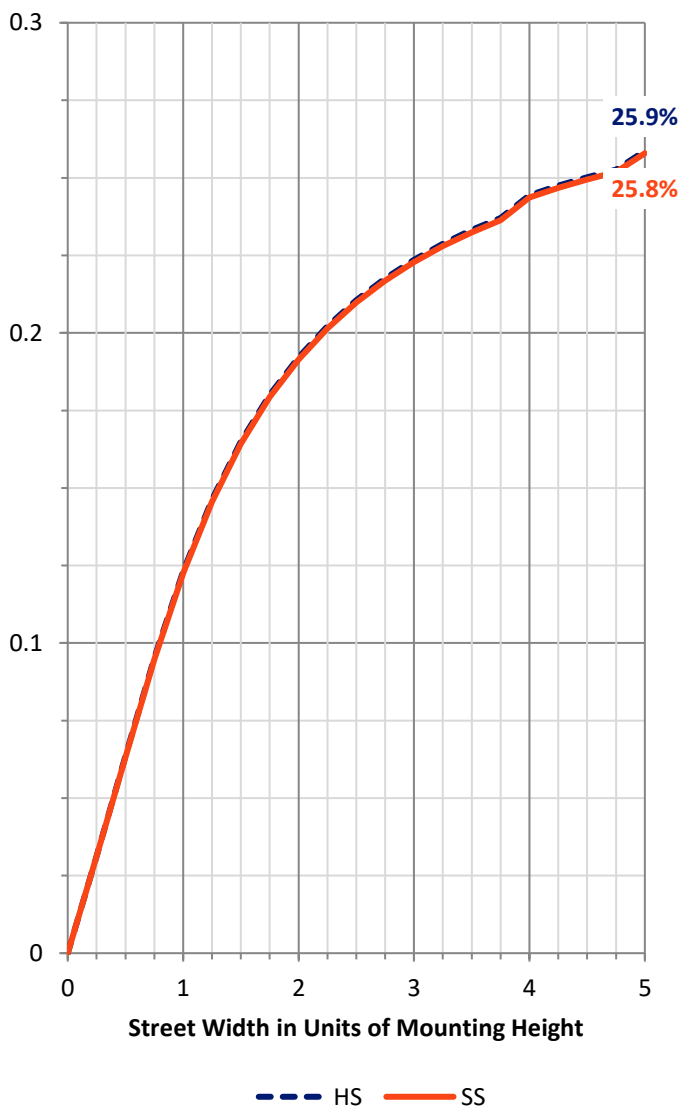
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2838.7	2007.3	4846.0
	% Fixture	29.3	20.7	50.0
Street Side	Lumens	2838.7	2007.3	4846.0
	% Fixture	29.3	20.7	50.0
Total	Lumens	5677.4	4014.6	9692.0
	% Fixture	58.6	41.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.4	0.1
10°-20°	72.7	0.8
20°-30°	210.1	2.2
30°-40°	437.0	4.5
40°-50°	693.5	7.2
50°-60°	910.4	9.4
60°-70°	1061.5	11.0
70°-80°	1140.2	11.8
80°-90°	1139.6	11.8
90°-100°	1066.8	11.0
100°-110°	936.0	9.7
110°-120°	752.7	7.8
120°-130°	540.7	5.6
130°-140°	347.5	3.6
140°-150°	201.6	2.1
150°-160°	105.9	1.1
160°-170°	49.3	0.5
170°-180°	14.2	0.1
0°-90°	5677.4	58.6
0°-180°	9692.0	100.0



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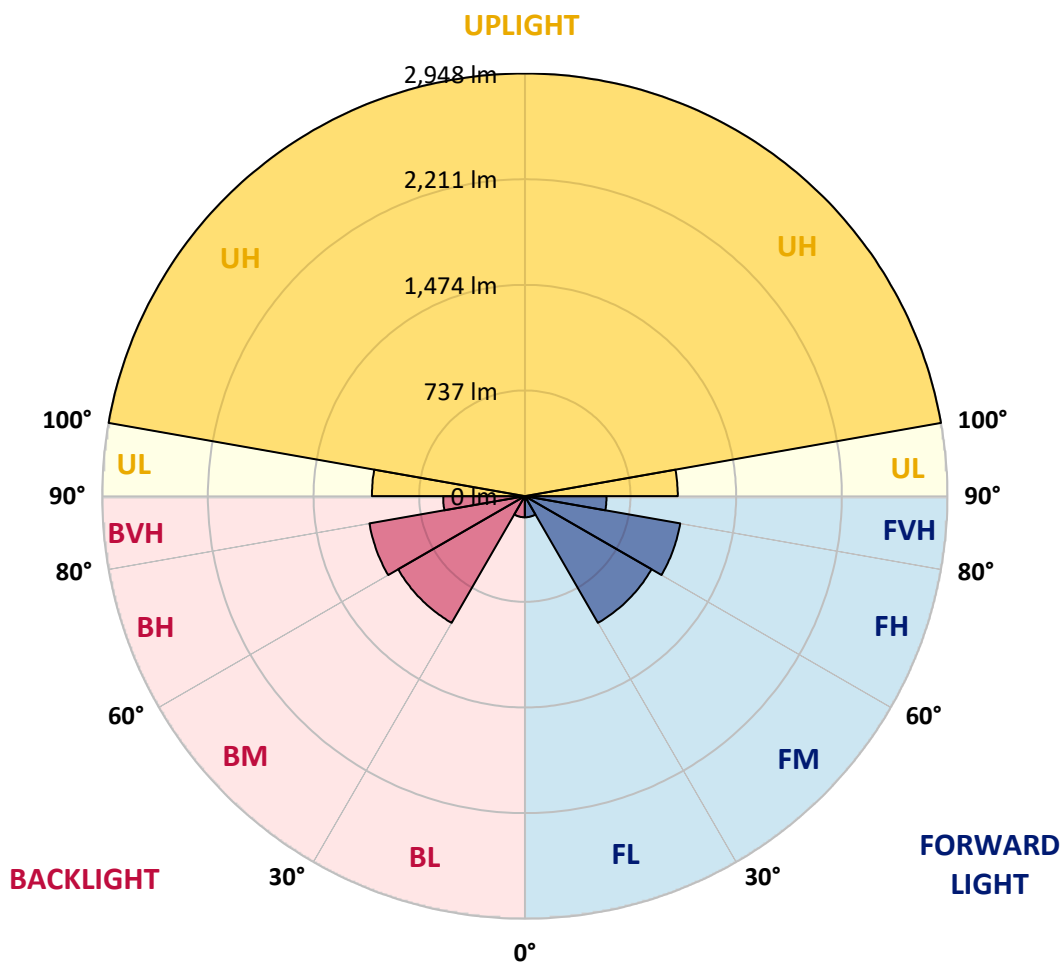
CATALOG NUMBER: FFX-CLB-60-740-U-VM9

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	147.6	1.5			
FM (30°-60°)	1020.4	10.5			
FH (60°-80°)	1100.8	11.4			G1/1800
FVH (80°-90°)	569.8	5.9			G4/750
BL (0°-30°)	147.6	1.5	B1/500		
BM (30°-60°)	1020.4	10.5	B2/2500		
BH (60°-80°)	1100.8	11.4	B3/2500		G1/1800
BVH (80°-90°)	569.8	5.9			G4/750
UL (90°-100°)	1066.8	11.0		U5	
UH (100°-180°)	2947.9	30.4		U5	

BUG Rating: B3-U5-G4

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2.5°	99.8	99.8	99.2	99.2	98.6	97.9	97.9	97.3	96.7	96.7	96.7
5°	111.0	110.4	110.4	110.4	110.4	109.8	110.4	109.8	109.8	109.8	110.4
7.5°	135.4	134.8	134.8	134.8	135.4	135.4	136.0	136.6	137.2	137.2	137.2
10°	167.2	166.6	166.6	165.9	167.2	167.2	167.8	166.6	168.4	168.4	169.1
12.5°	204.6	204.0	204.0	203.4	204.6	204.0	205.2	204.0	207.1	205.9	205.9
15°	245.2	245.2	244.6	243.9	245.8	245.8	247.0	247.0	248.9	247.7	248.3
17.5°	288.2	287.6	287.6	287.0	288.8	288.8	288.8	290.1	292.6	290.1	292.0
20°	334.4	333.8	333.8	333.1	335.0	335.0	336.3	336.9	339.4	337.5	338.8
22.5°	384.3	383.7	383.7	383.7	386.2	386.8	386.8	388.7	391.8	388.7	391.2
25°	439.8	439.2	439.2	441.1	442.9	443.6	444.8	447.3	450.4	447.3	450.4
27.5°	499.1	498.5	499.7	502.2	504.1	505.3	507.2	507.8	512.2	509.1	513.4
30°	560.2	559.6	560.9	564.0	566.5	570.2	570.2	572.1	578.3	574.0	578.3
32.5°	620.7	620.1	622.0	625.7	629.5	633.2	633.8	636.3	642.6	639.5	643.8
35°	680.6	680.0	682.5	687.5	691.2	695.0	696.2	698.7	705.6	702.5	706.8
37.5°	737.4	737.4	739.9	745.5	749.9	754.9	754.2	757.4	763.6	761.7	766.1
40°	790.4	790.4	793.5	800.4	805.4	808.5	807.9	811.0	817.9	817.3	821.0
42.5°	838.5	838.5	842.8	849.7	854.7	856.6	856.6	859.7	867.2	866.5	870.3
45°	879.0	880.9	885.9	893.4	897.7	899.6	898.4	901.5	909.6	909.6	912.7
47.5°	916.5	918.9	923.9	931.4	934.5	936.4	935.2	937.7	945.8	947.0	950.1
50°	948.9	950.8	957.0	965.1	968.2	968.2	966.4	968.9	977.6	980.1	982.6
52.5°	977.0	978.8	985.7	994.4	996.3	995.7	993.2	995.7	1004.4	1006.9	1008.8
55°	999.4	1001.3	1009.4	1018.1	1020.0	1018.1	1014.4	1017.5	1025.6	1029.4	1032.5
57.5°	1017.5	1019.4	1028.7	1037.5	1039.4	1035.6	1031.2	1034.4	1043.7	1048.1	1049.3
60°	1032.5	1034.4	1044.3	1053.7	1054.9	1050.6	1045.6	1048.7	1058.1	1063.1	1064.3
62.5°	1044.3	1046.2	1056.8	1067.4	1068.0	1062.4	1056.8	1059.9	1069.3	1074.9	1076.8
65°	1052.5	1054.3	1066.2	1076.8	1078.0	1071.2	1065.6	1068.7	1077.4	1084.3	1085.5
67.5°	1058.1	1059.9	1073.0	1084.3	1084.9	1077.4	1071.2	1073.7	1083.6	1090.5	1091.8
70°	1060.6	1062.4	1076.2	1088.0	1088.6	1080.5	1073.0	1076.2	1086.1	1094.3	1095.5
72.5°	1061.2	1063.7	1078.0	1089.9	1090.5	1081.1	1073.7	1076.2	1086.8	1096.1	1096.7
75°	1058.7	1061.8	1076.8	1089.3	1089.3	1078.7	1070.5	1073.0	1084.9	1094.9	1096.7
77.5°	1055.6	1057.4	1073.0	1085.5	1084.9	1073.7	1064.3	1068.0	1079.9	1091.1	1092.4
80°	1048.7	1051.2	1066.8	1078.7	1077.4	1064.9	1056.2	1059.9	1072.4	1084.3	1085.5
82.5°	1040.0	1042.5	1058.1	1068.7	1067.4	1054.3	1045.6	1050.0	1063.1	1075.5	1076.8
85°	1029.4	1031.9	1046.8	1056.8	1054.9	1041.8	1033.1	1036.9	1051.2	1063.7	1064.9
87.5°	1015.6	1018.1	1033.1	1041.8	1040.0	1026.2	1018.8	1023.8	1036.9	1050.0	1050.6
90°	1000.0	1003.2	1016.3	1024.4	1021.9	1009.4	1002.5	1007.5	1020.6	1033.1	1034.4
92.5°	984.5	985.7	998.2	1005.0	1003.2	991.9	985.7	991.3	1003.2	1015.6	1015.6
95°	965.7	967.6	978.8	984.5	982.6	973.2	967.6	973.8	984.5	996.3	996.9
97.5°	945.8	947.6	957.0	962.6	960.7	952.6	948.9	955.1	964.5	975.7	976.3
100°	924.6	925.8	933.9	938.9	937.0	930.8	928.3	934.5	943.3	953.9	953.9
102.5°	900.9	902.1	908.3	911.5	910.8	905.8	905.8	912.7	919.6	929.6	930.8
105°	875.9	877.1	881.5	883.4	882.8	880.9	882.1	889.0	894.6	903.3	904.6
107.5°	847.8	849.1	851.6	852.2	852.2	852.2	856.6	862.8	869.0	875.3	875.9
110°	817.9	818.5	820.4	819.8	819.8	821.0	827.2	834.1	839.1	845.3	846.0



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 CATALOG NUMBER: FFX-CLB-60-740-U-VM9

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	785.4	786.1	787.3	784.8	785.4	787.9	796.0	803.5	806.7	812.9	812.9
115°	751.1	750.5	751.8	748.6	748.0	752.4	761.1	769.8	772.3	776.7	777.3
117.5°	713.7	714.3	713.7	710.0	709.3	715.6	723.7	731.8	734.9	739.9	738.7
120°	675.0	674.4	675.0	670.6	670.0	676.9	685.0	693.1	695.0	699.3	698.1
122.5°	635.7	635.1	634.5	630.1	630.1	635.7	645.7	653.8	652.6	657.5	656.9
125°	595.2	595.2	593.9	589.5	589.5	596.4	604.5	612.0	610.8	616.4	614.5
127.5°	555.2	555.2	554.0	550.2	550.2	556.5	564.0	571.5	569.6	574.6	572.7
130°	515.9	515.9	514.7	510.9	510.9	515.9	524.0	530.3	527.8	532.2	531.5
132.5°	478.5	477.9	477.3	473.5	474.1	479.1	485.4	491.0	488.5	493.5	491.6
135°	442.3	441.7	441.1	437.3	437.9	442.9	448.6	452.9	451.1	454.2	453.5
137.5°	408.0	407.4	406.8	403.6	404.3	408.0	413.6	417.4	414.9	419.2	417.4
140°	375.6	374.9	373.7	371.8	372.4	376.2	379.3	383.7	381.2	384.9	383.0
142.5°	344.4	344.4	343.1	341.3	341.9	345.6	348.1	351.2	348.7	351.9	350.6
145°	315.7	315.7	314.4	313.2	313.2	316.3	318.2	321.3	318.8	321.9	320.7
147.5°	289.5	289.5	288.2	287.0	287.0	290.1	291.3	293.8	291.3	293.8	292.6
150°	265.1	265.1	264.5	263.3	263.9	265.1	266.4	268.3	266.4	268.3	267.6
152.5°	243.9	243.9	243.3	242.7	242.1	243.9	244.6	246.4	244.6	246.4	245.2
155°	225.2	224.6	224.6	223.3	223.3	224.6	225.2	226.5	224.6	226.5	225.8
157.5°	208.4	208.4	207.7	207.1	207.1	207.7	208.4	209.0	207.7	209.6	208.4
160°	194.0	194.0	193.4	192.8	192.8	193.4	193.4	194.0	192.8	194.0	193.4
162.5°	181.5	181.5	180.9	180.9	180.3	180.9	181.5	181.5	180.9	181.5	180.9
165°	171.6	171.6	170.9	170.3	170.3	170.9	170.9	171.6	170.3	170.9	170.9
167.5°	162.2	162.2	162.2	161.6	161.0	161.6	161.6	161.6	161.0	161.6	161.6
170°	155.3	155.3	155.3	154.7	154.1	154.7	154.7	154.7	154.1	154.7	154.7
172.5°	149.7	149.7	149.7	149.1	149.1	149.1	149.1	149.1	149.1	149.1	149.1
175°	146.0	146.0	146.0	146.0	145.4	146.0	146.0	146.0	146.0	146.0	145.4
177.5°	144.1	143.5	143.5	143.5	143.5	143.5	143.5	143.5	143.5	143.5	143.5
180°	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9	142.9

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-1

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5.

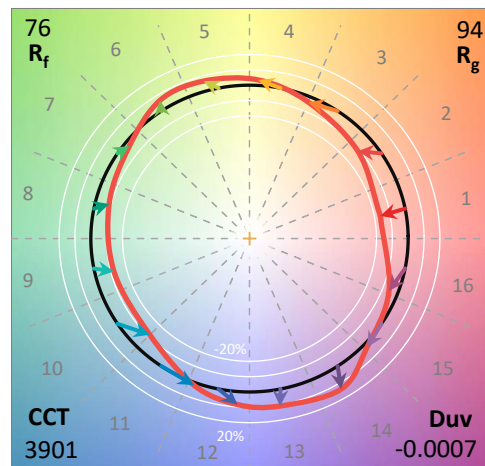
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-1
 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-100-740-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 3901
 CIE u': 0.2273
 CIE v': 0.5026
 Duv: -0.0007
 CIE x: 0.3844
 CIE y: 0.3776
 CIE z: 0.2380
 Peak Wavelength (nm): 451
 Dominant Wavelength (nm): 579
 Purity: 28.6799
 Rf: 76.2
 Rg: 94.4

CRI (Ra):	74.5		
R1:	71.8	R9:	-23.4
R2:	81.9	R10:	56.6
R3:	89.3	R11:	68.4
R4:	72.6	R12:	46.6
R5:	71.3	R13:	73.7
R6:	74.0	R14:	93.9
R7:	81.5	R15:	65.1
R8:	53.3		



Test Conditions

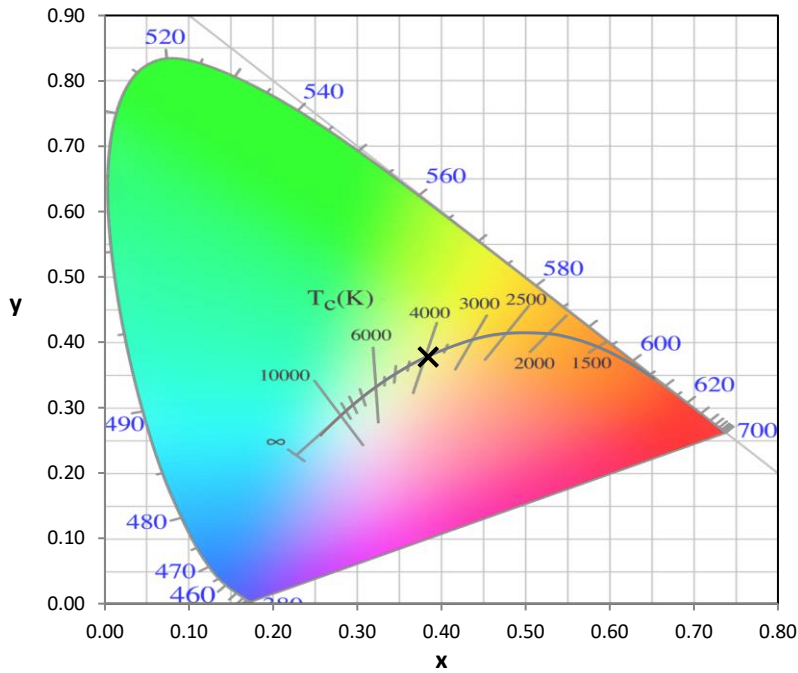
Stabilization Time: 0.818109M
 Operation Time: 1H
 Sphere Temperature (°C): 24.6

REPORT NUMBER: SP1-2406-133-1

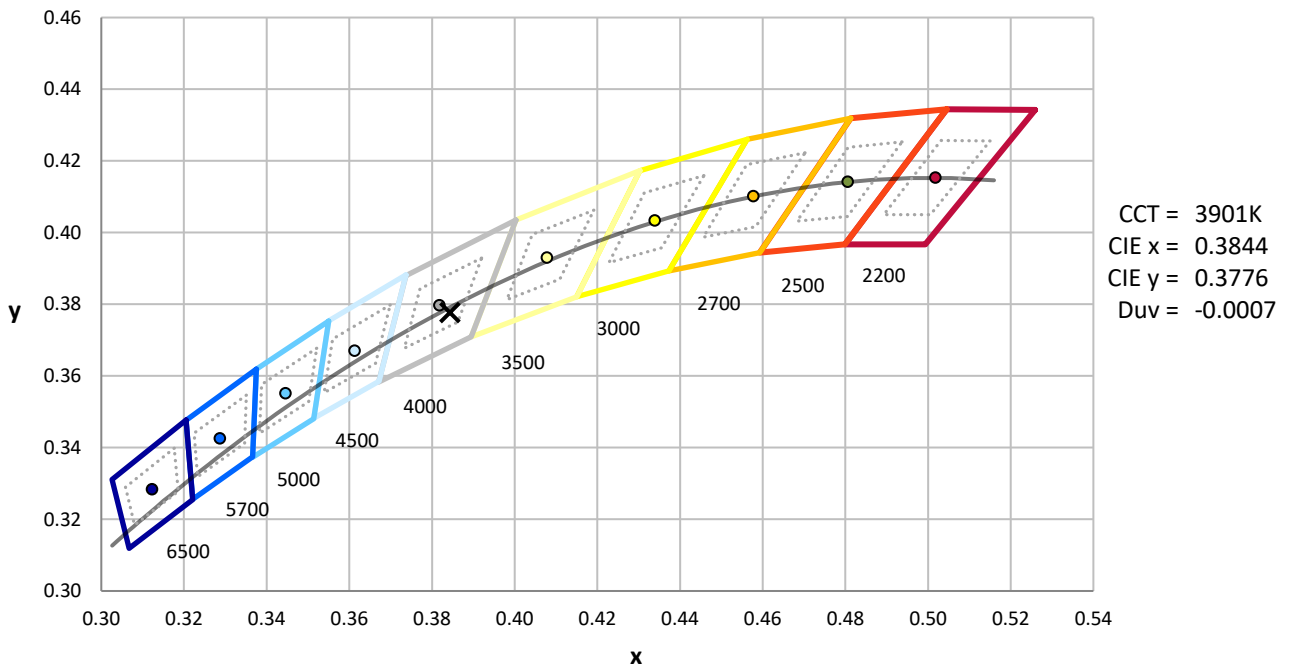
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 4000K 4-step quadrangle

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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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.53

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.04

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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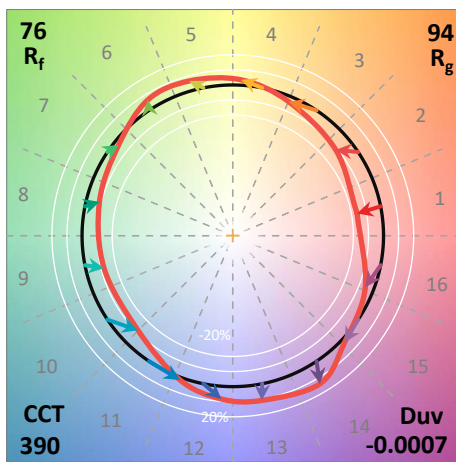
TM-30-18

Summary

$R_f = 76.2$
 $R_g = 94.4$
 CIE $R_a = 74.5$
 $R_g = -23.4$



Color Vector Graphics

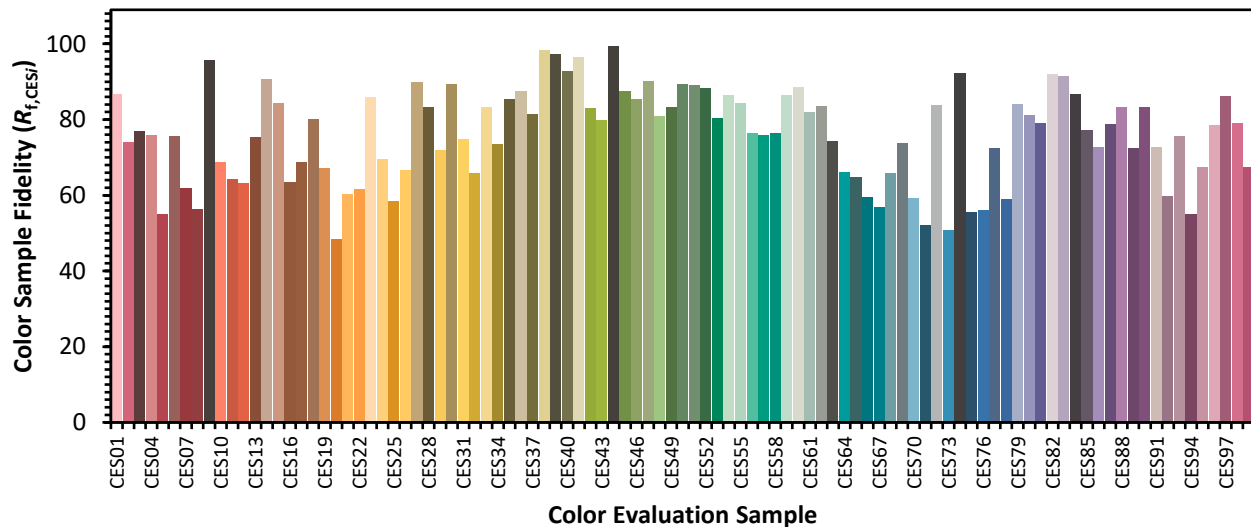


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Individual Sample Fidelity Index ($R_{f,i}$)

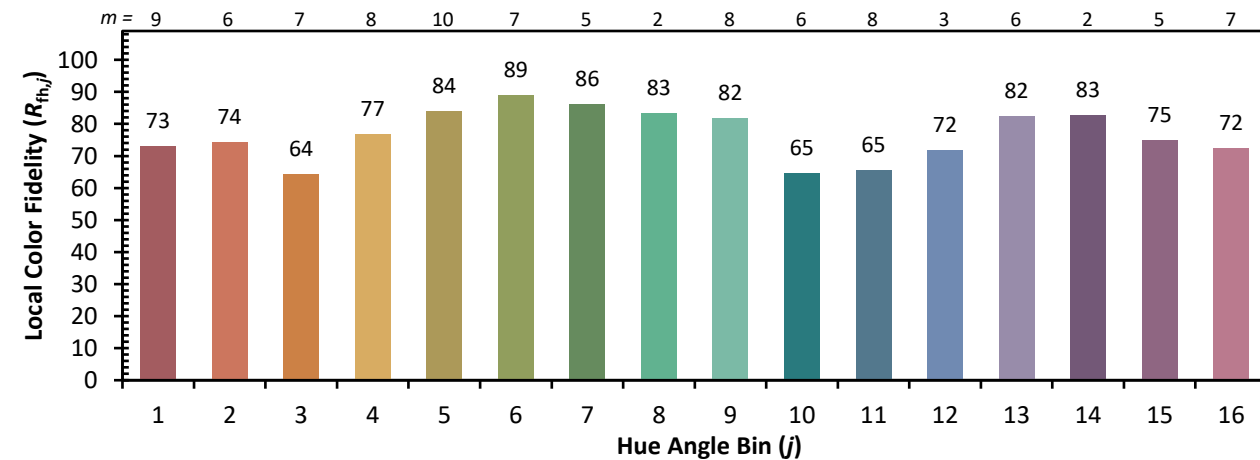
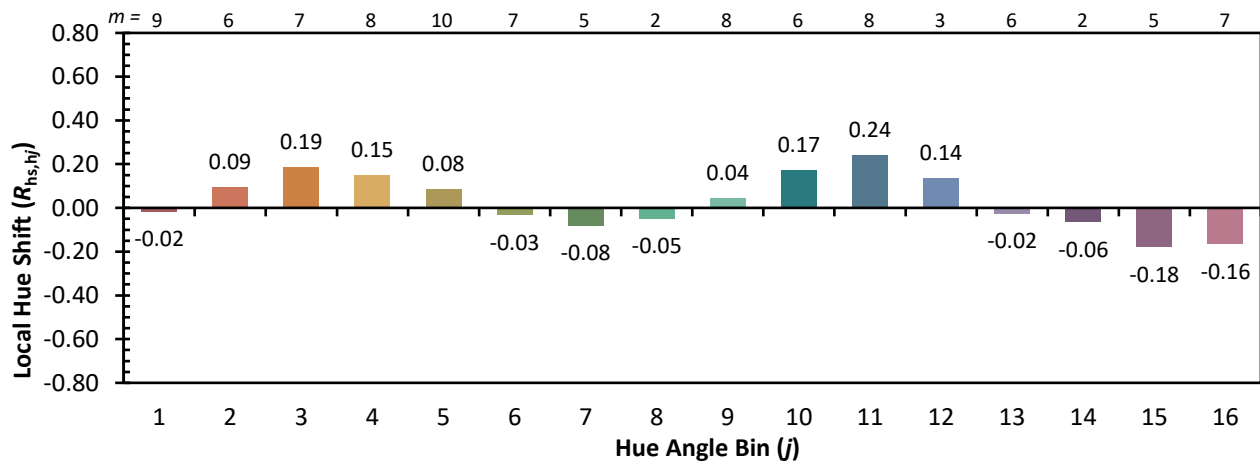
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CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 92
CES08 = 39	CES33 = 83	CES58 = 76	CES83 = 92
CES09 = 29	CES34 = 74	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 85	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 73
CES12 = 63	CES37 = 81	CES62 = 84	CES87 = 79
CES13 = 42	CES38 = 98	CES63 = 74	CES88 = 83
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 72
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 83
CES16 = 46	CES41 = 96	CES66 = 59	CES91 = 73
CES17 = 49	CES42 = 83	CES67 = 57	CES92 = 60
CES18 = 56	CES43 = 80	CES68 = 66	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 74	CES94 = 55
CES20 = 65	CES45 = 87	CES70 = 59	CES95 = 67
CES21 = 86	CES46 = 85	CES71 = 52	CES96 = 78
CES22 = 78	CES47 = 90	CES72 = 84	CES97 = 86
CES23 = 92	CES48 = 81	CES73 = 51	CES98 = 79
CES24 = 91	CES49 = 83	CES74 = 92	CES99 = 68
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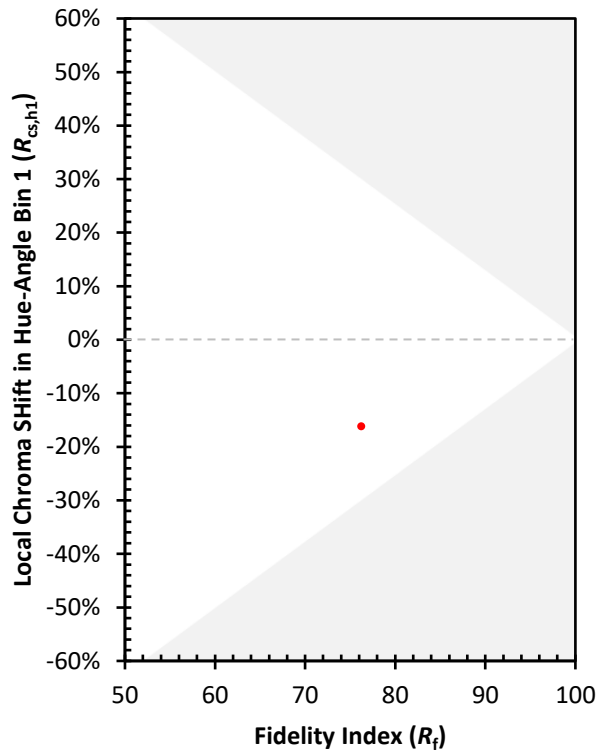
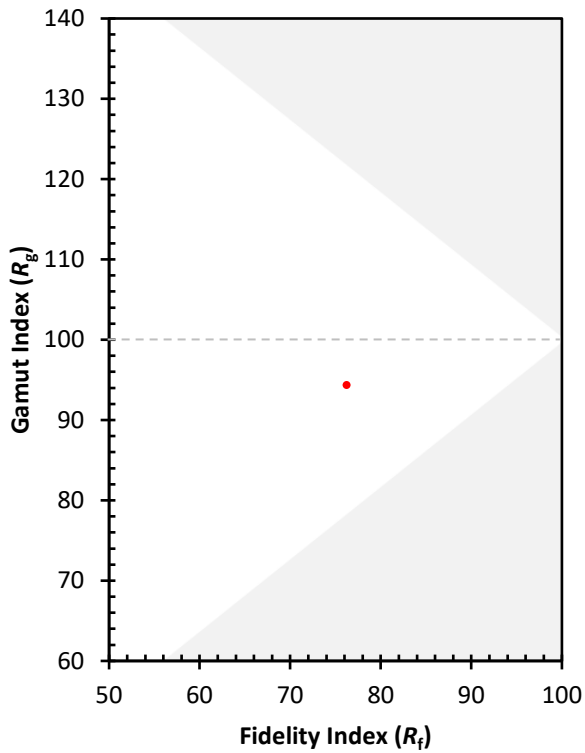
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)