

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: P856321

Luminaire Tested: **FFX-CLB-60-750-U-FG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856321
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-60-750-U-FG
Description: FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

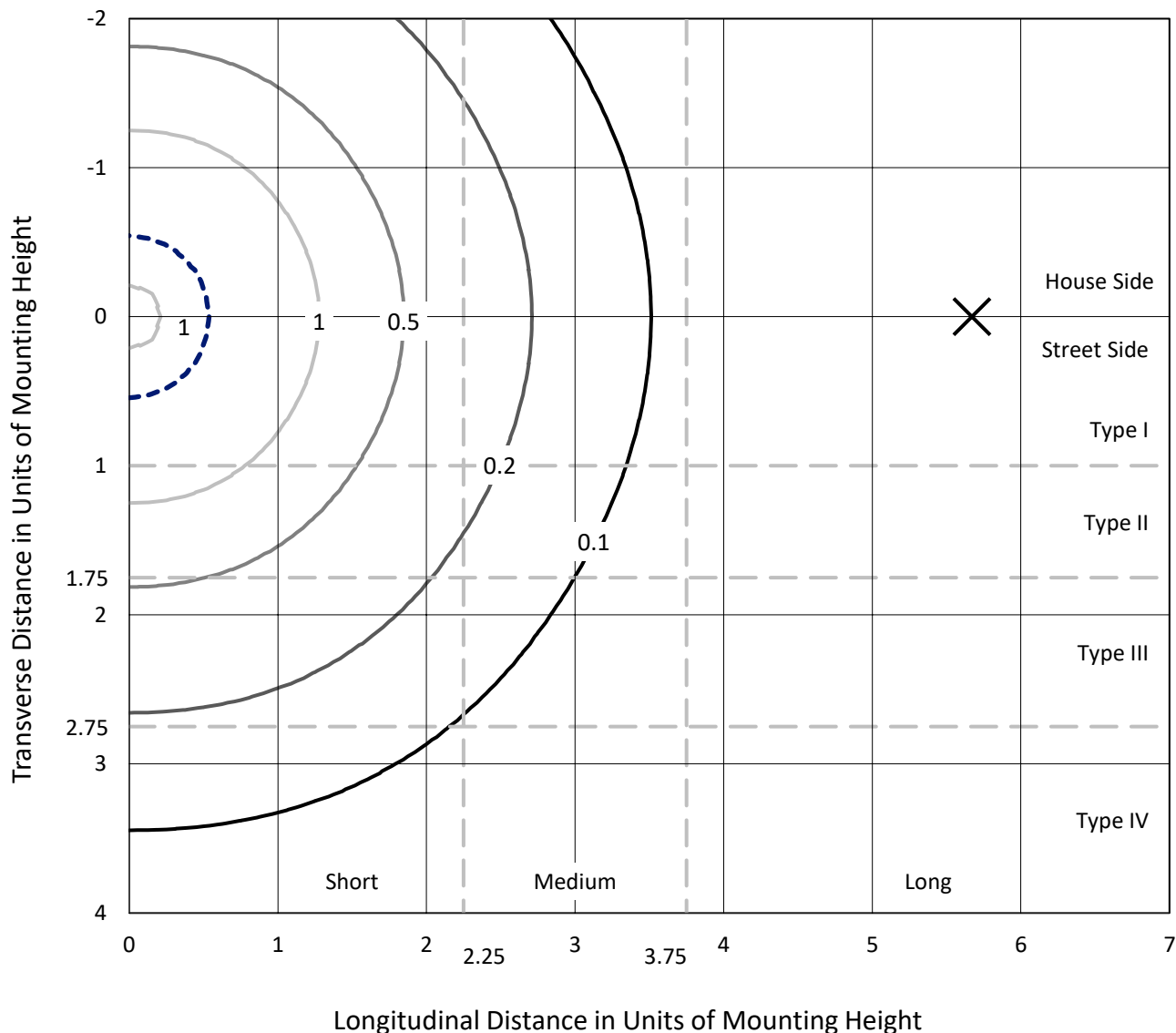
Lumens per Lamp: N/A
Luminaire Lumens: 9884.2 lumens
Efficiency: N/A
Efficacy: 165.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G4

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

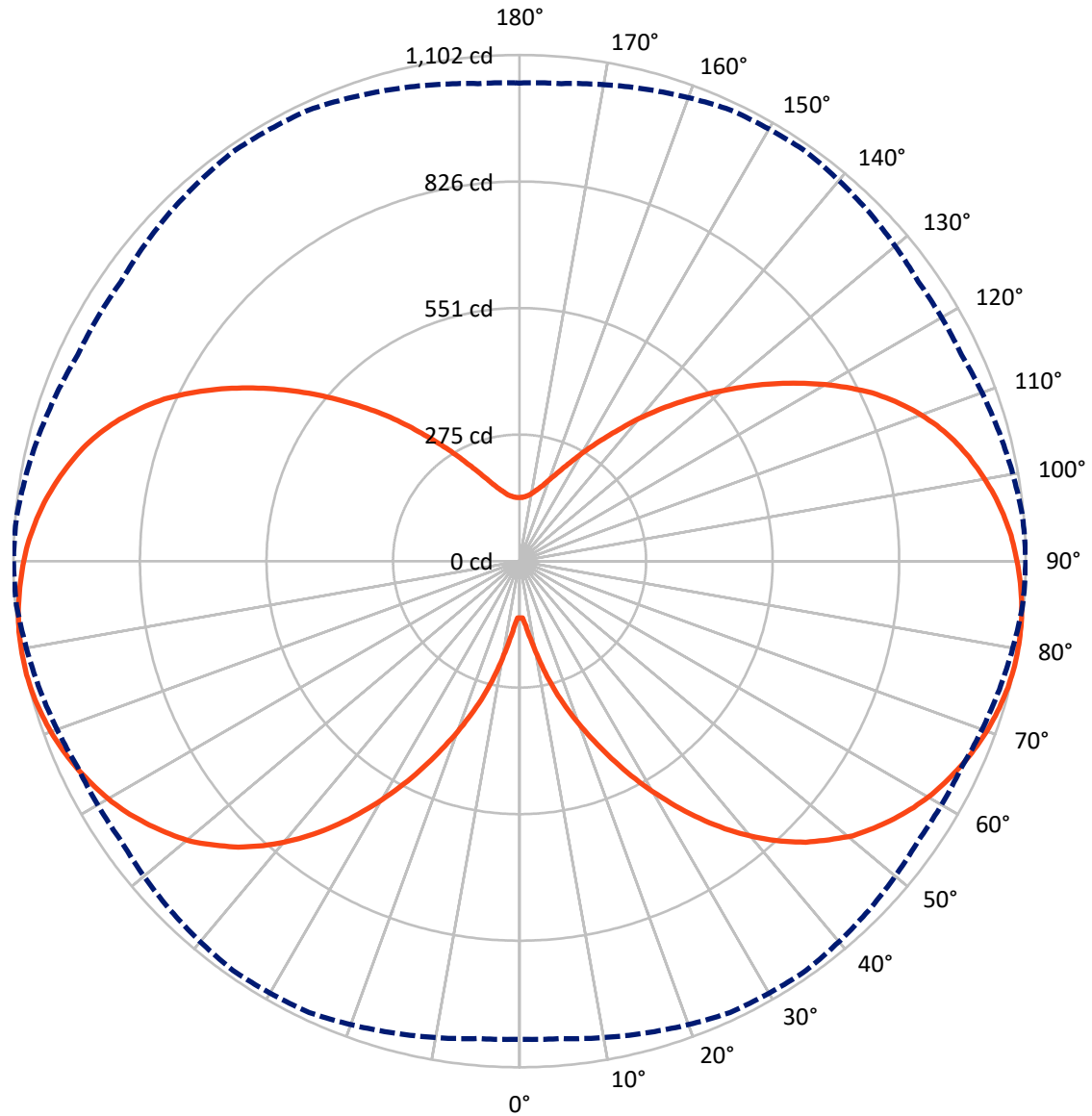
× Max cd
 - - - 1/2 Max cd



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 80-Deg Vertical

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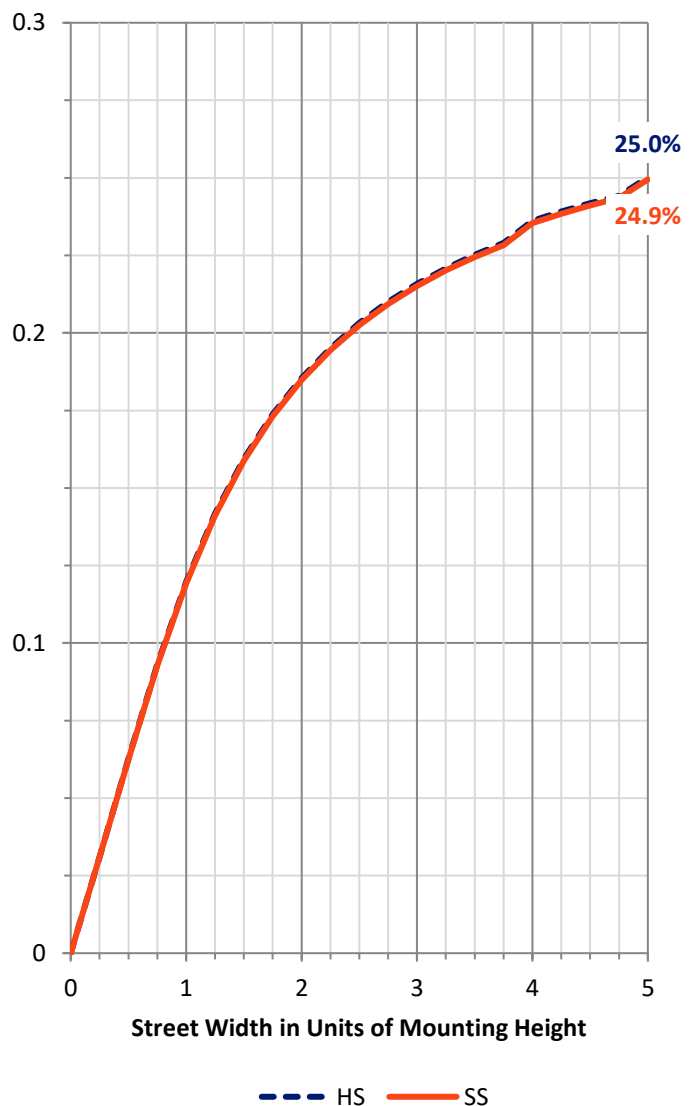
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2812.1	2129.9	4942.1
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	2812.1	2129.9	4942.1
	% Fixture	28.5	21.5	50.0
Total	Lumens	5624.3	4259.9	9884.2
	% Fixture	56.9	43.1	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	0.2
10°-20°	86.2	0.9
20°-30°	226.8	2.3
30°-40°	433.6	4.4
40°-50°	666.5	6.7
50°-60°	873.1	8.8
60°-70°	1030.5	10.4
70°-80°	1130.5	11.4
80°-90°	1161.5	11.8
90°-100°	1119.0	11.3
100°-110°	1003.4	10.2
110°-120°	815.3	8.2
120°-130°	582.6	5.9
130°-140°	368.4	3.7
140°-150°	206.4	2.1
150°-160°	103.9	1.1
160°-170°	47.2	0.5
170°-180°	13.7	0.1
0°-90°	5624.3	56.9
0°-180°	9884.2	100.0

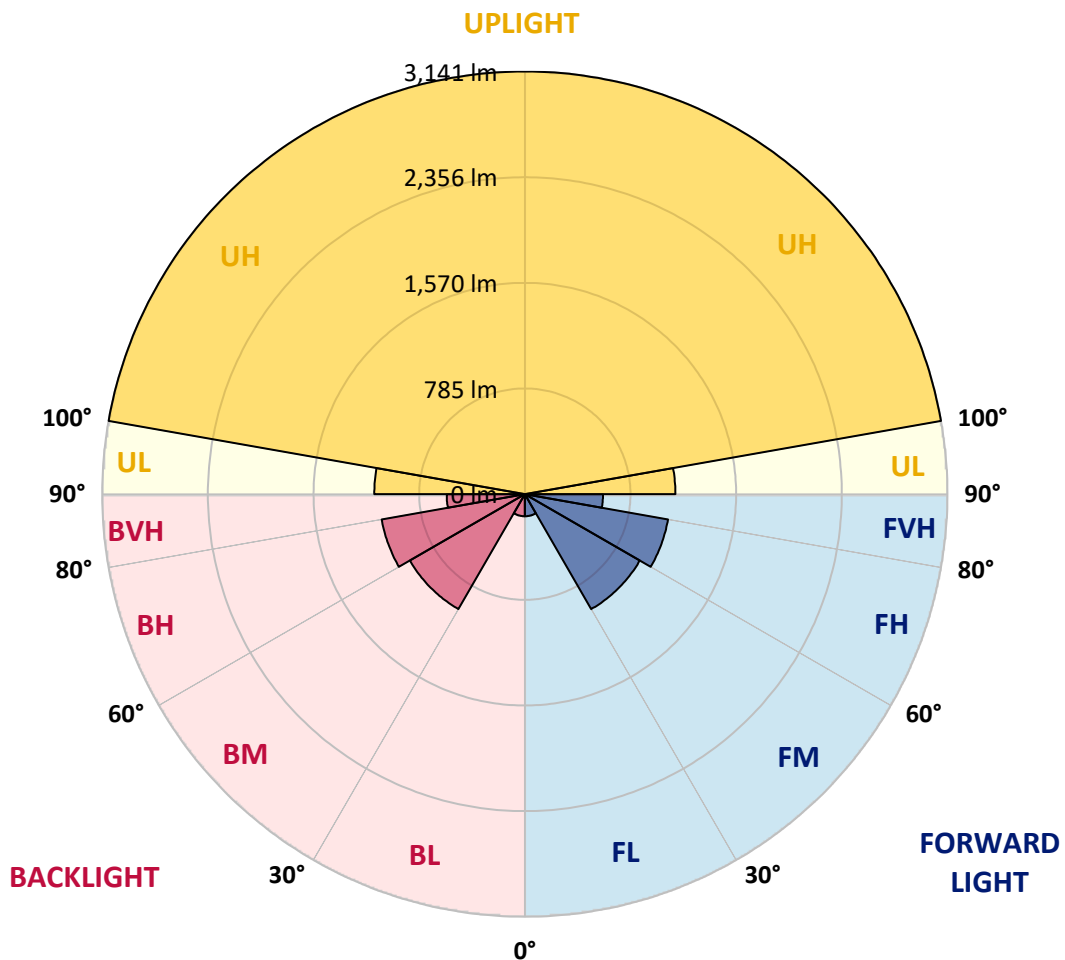


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	164.4	1.7			
FM (30°-60°)	986.6	10.0			
FH (60°-80°)	1080.5	10.9			G1/1800
FVH (80°-90°)	580.8	5.9			G4/750
BL (0°-30°)	164.4	1.7	B1/500		
BM (30°-60°)	986.6	10.0	B1/1000		
BH (60°-80°)	1080.5	10.9	B3/2500		G1/1800
BVH (80°-90°)	580.8	5.9			G4/750
UL (90°-100°)	1119.0	11.3		U5	
UH (100°-180°)	3140.9	31.8		U5	

BUG Rating: B3-U5-G4
 Type V Short





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CATALOG NUMBER: FFX-CLB-60-750-U-FG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1	124.1
2.5°	130.2	130.2	129.6	128.3	127.7	127.1	125.9	124.1	123.5	123.5	123.5
5°	141.7	142.3	142.3	141.7	142.3	141.1	141.1	139.9	140.5	140.5	141.1
7.5°	170.3	170.3	170.9	170.9	171.5	170.3	170.9	170.3	170.9	170.9	170.3
10°	207.4	207.4	208.6	207.4	208.0	206.8	206.2	206.2	208.0	207.4	206.8
12.5°	249.4	250.6	250.0	249.4	250.6	249.4	248.2	248.8	251.2	250.0	249.4
15°	293.8	295.0	296.2	294.4	295.0	294.4	293.8	294.4	296.8	295.6	295.0
17.5°	338.8	339.4	340.6	338.2	338.8	339.4	338.8	339.4	341.2	340.6	340.0
20°	383.8	385.0	386.2	383.8	384.4	385.0	384.4	385.0	387.5	386.2	385.6
22.5°	431.3	431.9	434.3	431.3	432.5	433.1	431.9	433.1	435.5	434.3	433.7
25°	480.5	479.9	483.6	481.1	481.7	483.0	481.7	483.0	486.0	486.0	484.2
27.5°	531.0	531.0	534.1	532.2	533.4	532.8	534.1	535.3	538.3	538.9	537.1
30°	581.5	581.5	586.4	583.3	585.1	585.8	585.8	587.0	590.6	591.8	589.4
32.5°	632.0	632.0	634.4	635.0	636.2	636.9	638.1	638.1	642.9	643.5	642.3
35°	681.3	681.3	683.7	684.9	687.9	686.7	688.6	688.6	694.0	694.6	694.0
37.5°	728.1	728.7	731.7	733.0	735.4	735.4	736.6	737.8	742.7	744.5	743.9
40°	772.5	773.7	776.1	778.6	781.0	781.0	781.6	783.4	788.9	790.7	790.1
42.5°	812.6	813.2	816.9	820.5	823.0	823.0	823.6	824.8	830.9	833.3	833.3
45°	847.9	849.7	854.6	859.5	861.9	861.3	861.3	863.1	869.8	872.9	872.9
47.5°	880.8	883.2	888.7	893.5	896.0	896.0	895.4	897.2	904.5	908.1	906.3
50°	910.0	911.8	917.9	925.2	927.0	927.0	925.2	927.0	934.9	939.8	939.8
52.5°	934.3	936.1	943.4	951.3	953.8	953.1	950.7	952.5	960.4	965.9	965.3
55°	955.0	957.4	965.3	975.0	977.5	975.7	972.6	974.4	983.0	990.3	989.6
57.5°	973.8	975.7	984.8	995.1	998.8	995.7	991.5	993.3	1003.0	1010.9	1011.5
60°	989.6	991.5	1001.8	1014.0	1017.0	1013.4	1007.9	1009.7	1020.7	1029.8	1031.0
62.5°	1003.0	1004.8	1016.4	1029.8	1034.0	1028.6	1021.9	1023.7	1035.9	1046.2	1046.8
65°	1014.0	1015.8	1029.2	1043.2	1047.4	1041.3	1033.4	1035.3	1048.6	1060.2	1061.4
67.5°	1022.5	1024.9	1040.1	1055.3	1059.0	1051.7	1042.6	1044.4	1059.0	1072.4	1073.6
70°	1029.8	1032.8	1048.6	1065.1	1069.3	1060.8	1049.9	1052.3	1068.7	1082.1	1083.9
72.5°	1035.3	1038.3	1055.3	1073.0	1077.8	1067.5	1055.3	1057.8	1075.4	1090.0	1091.8
75°	1038.9	1042.0	1060.2	1079.1	1083.3	1072.4	1059.0	1061.4	1079.7	1095.5	1097.9
77.5°	1040.7	1043.8	1063.2	1082.7	1087.0	1074.2	1060.2	1062.6	1081.5	1098.5	1101.0
80°	1040.7	1043.2	1063.2	1083.9	1087.6	1074.8	1059.6	1061.4	1080.9	1099.1	1101.6
82.5°	1038.9	1041.3	1062.0	1082.7	1086.4	1072.4	1056.6	1059.0	1079.1	1097.3	1100.3
85°	1034.7	1037.1	1057.8	1079.1	1082.7	1067.5	1051.1	1053.5	1073.6	1093.0	1096.1
87.5°	1028.6	1031.6	1051.7	1073.0	1076.0	1060.2	1044.4	1045.6	1066.9	1087.0	1089.4
90°	1021.3	1024.3	1043.2	1064.5	1067.5	1051.7	1035.3	1037.1	1057.8	1078.4	1080.9
92.5°	1012.8	1015.2	1033.4	1052.9	1056.6	1040.1	1024.3	1026.7	1047.4	1068.1	1071.2
95°	1001.8	1003.6	1020.7	1038.9	1042.0	1027.4	1011.5	1014.0	1034.7	1054.7	1057.8
97.5°	988.4	989.6	1004.8	1021.3	1024.9	1010.9	996.3	998.8	1018.8	1038.9	1042.6
100°	973.2	973.8	987.2	1001.2	1004.2	992.7	979.3	982.3	1001.2	1021.9	1024.3
102.5°	955.6	955.6	966.5	978.1	981.7	972.0	960.4	963.5	981.7	1001.2	1004.2
105°	936.1	934.3	942.2	951.3	955.6	948.3	939.8	942.2	959.2	978.1	981.7
107.5°	911.8	910.0	915.4	923.3	927.6	922.1	915.4	919.1	933.7	951.3	955.0
110°	884.4	882.0	884.4	890.5	895.4	891.7	888.1	891.1	905.1	921.5	924.0



REPORT NUMBER: P856321
 CATALOG NUMBER: FFX-CLB-60-750-U-FG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	852.8	849.7	850.4	854.6	858.9	858.3	855.8	860.7	872.2	885.6	888.7
115°	816.3	813.2	811.4	813.9	817.5	819.9	822.4	825.4	834.5	845.5	850.4
117.5°	778.0	773.1	770.1	770.1	774.3	778.6	782.8	787.1	793.2	803.5	805.3
120°	733.6	730.5	726.3	726.3	729.9	734.2	740.9	745.7	749.4	756.7	759.1
122.5°	689.8	685.5	681.3	681.3	683.7	689.8	698.9	703.2	705.0	709.2	711.1
125°	645.4	640.5	635.6	635.6	638.1	644.1	654.5	658.1	659.4	661.2	663.0
127.5°	600.4	595.5	591.2	589.4	593.1	597.9	608.3	613.1	613.7	613.7	615.0
130°	555.3	551.7	547.4	545.6	549.3	553.5	565.1	569.9	567.5	567.5	568.1
132.5°	512.8	509.1	504.9	503.6	506.1	511.5	521.9	526.1	524.3	521.9	522.5
135°	471.4	468.4	462.9	462.3	465.9	468.4	478.1	482.4	480.5	478.1	478.7
137.5°	431.9	428.8	424.0	423.4	427.0	430.0	437.3	441.6	439.2	436.7	437.3
140°	394.2	390.5	386.9	386.2	388.7	391.7	398.4	400.8	398.4	396.6	397.2
142.5°	358.9	356.4	352.2	352.2	353.4	355.8	361.3	363.7	361.3	358.9	357.7
145°	325.4	322.4	319.9	319.3	320.6	323.0	326.6	329.1	326.6	324.8	323.6
147.5°	295.6	293.2	290.7	290.7	291.4	293.2	296.2	296.8	295.0	293.8	292.6
150°	268.2	265.8	264.6	264.0	264.6	265.2	267.6	268.9	267.0	265.8	264.6
152.5°	243.3	241.5	240.3	240.9	240.9	241.5	242.1	242.7	240.9	240.9	239.7
155°	221.4	220.2	219.0	219.6	219.6	219.6	220.2	220.2	219.0	219.0	218.4
157.5°	203.2	201.9	201.3	201.9	201.9	201.3	201.9	201.9	200.7	200.7	200.1
160°	187.3	186.1	186.1	186.1	186.1	185.5	186.7	186.1	185.5	184.9	184.9
162.5°	174.6	173.4	173.4	174.0	173.4	173.4	173.4	173.4	172.7	172.7	172.1
165°	164.2	163.0	163.0	163.6	163.0	163.0	163.0	163.0	162.4	162.4	162.4
167.5°	155.7	155.1	155.1	155.1	155.1	154.5	155.1	155.1	154.5	154.5	154.5
170°	149.0	148.4	148.4	148.4	148.4	148.4	148.4	148.4	148.4	147.8	147.8
172.5°	144.8	144.2	144.2	144.2	144.2	144.2	144.2	144.2	143.5	143.5	143.5
175°	141.7	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1	140.5	140.5
177.5°	139.9	139.3	139.3	139.3	139.3	139.3	139.3	139.3	139.3	138.7	138.7
180°	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7

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: SP1-2406-133-5

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-750-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-750-U-FR-T5.

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-5
 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-100-750-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 4950
 CIE u': 0.2102
 CIE v': 0.4882
 Duv: 0.0025
 CIE x: 0.3471
 CIE y: 0.3583
 CIE z: 0.2946
 Peak Wavelength (nm): 452
 Dominant Wavelength (nm): 571
 Purity: 11.64963
 Rf: 74.8
 Rg: 92.4

CRI (Ra): 73.0
 R1: 69.1
 R2: 80.1
 R3: 87.3
 R4: 70.6
 R5: 69.4
 R6: 71.2
 R7: 82.5
 R8: 53.6
 R9: -35.4
 R10: 51.9
 R11: 66.1
 R12: 40.1
 R13: 71.5
 R14: 93.0
 R15: 62.2



Test Conditions

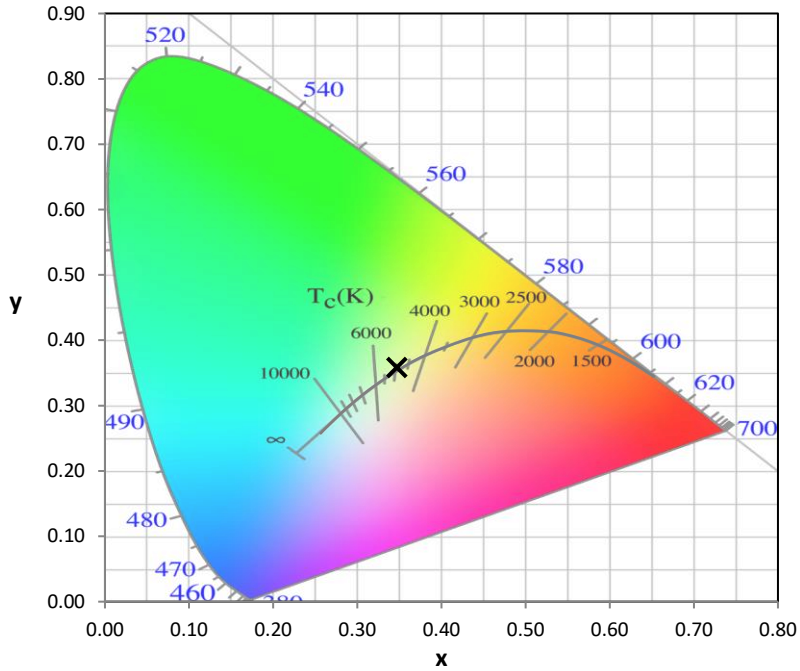
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

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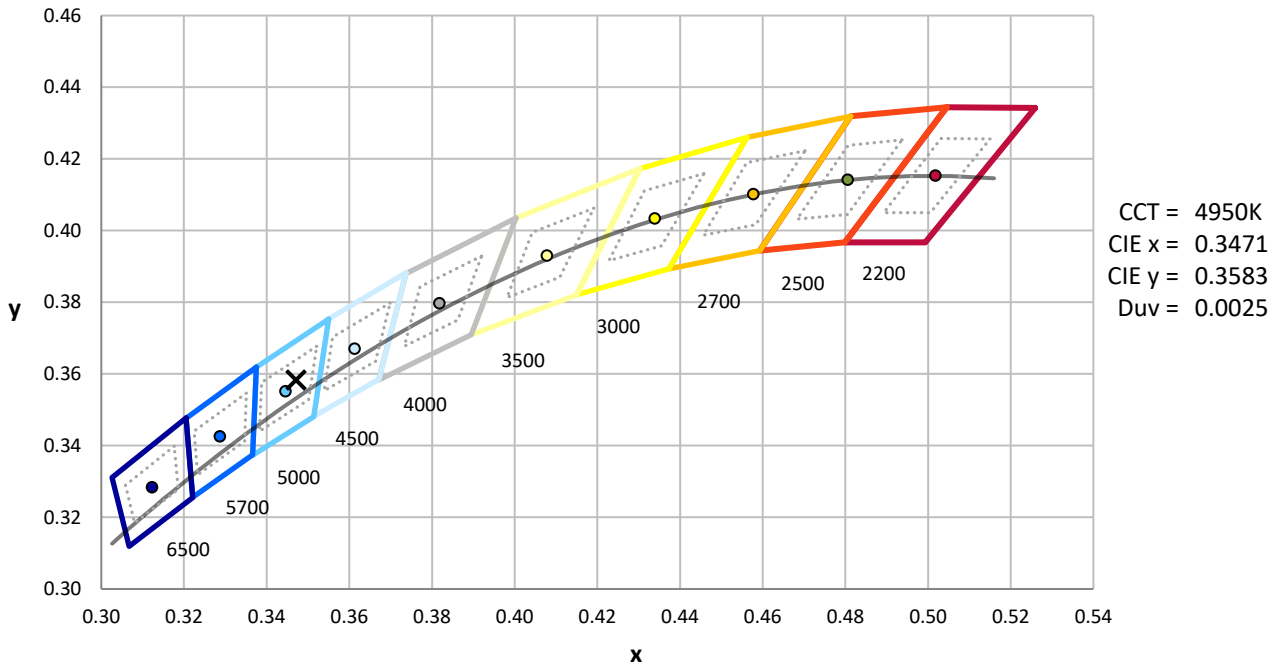
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



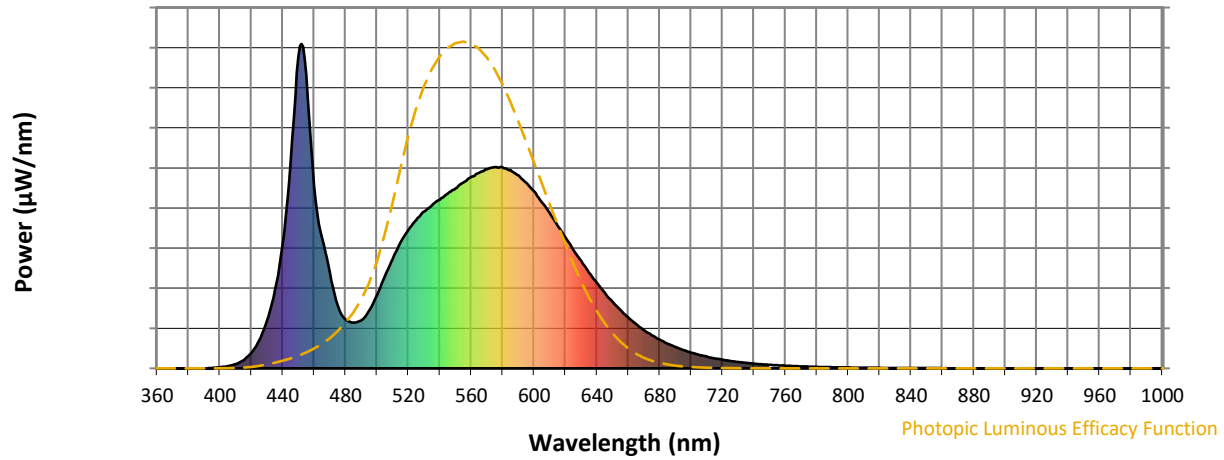
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.8

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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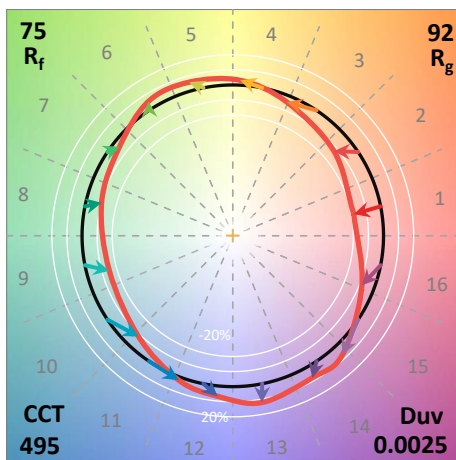
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Summary

$R_f = 74.8$
 $R_g = 92.4$
 CIE $R_a = 73.0$
 $R_9 = -35.4$



Color Vector Graphics



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

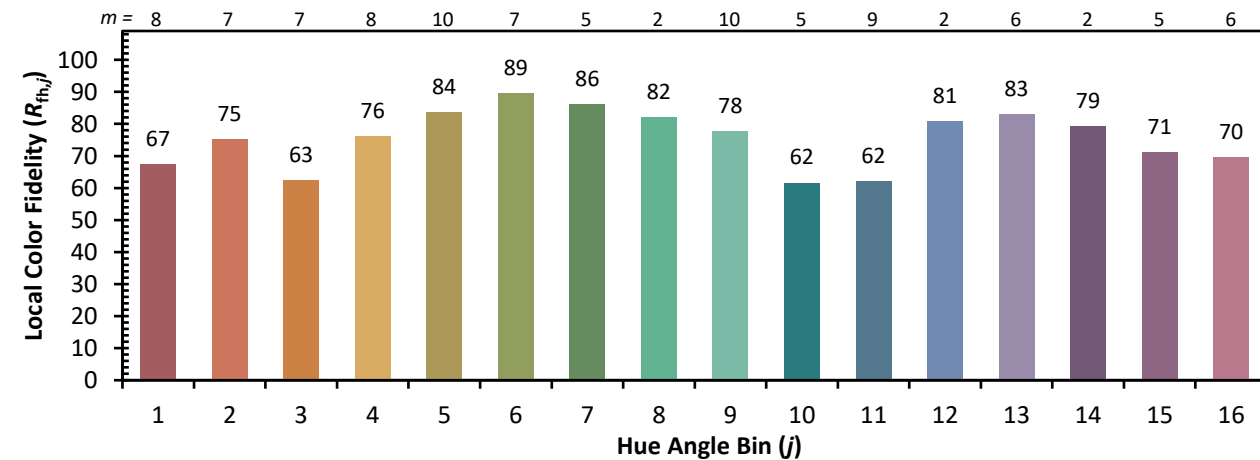
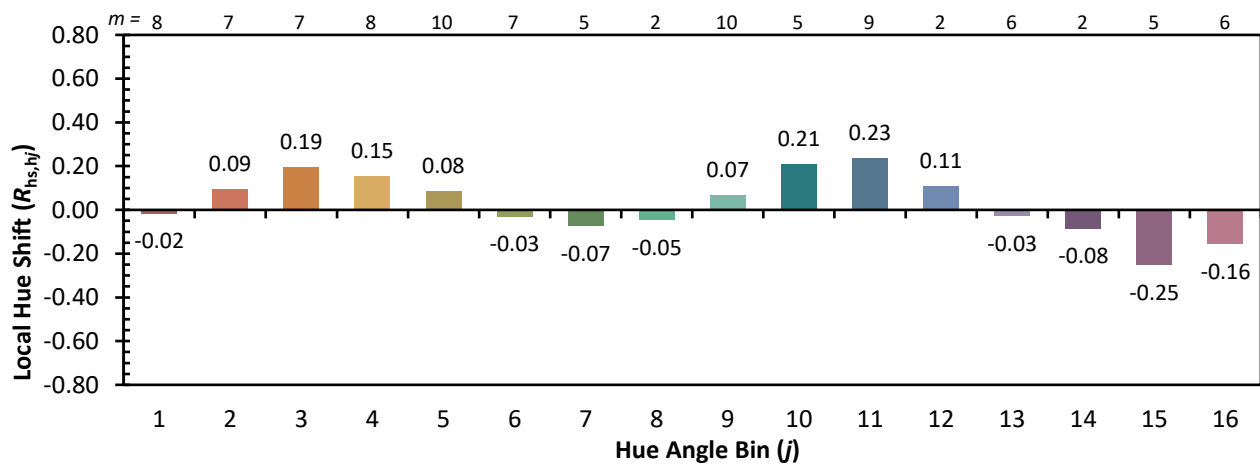
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 91
CES08 = 38	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 72	CES59 = 85	CES84 = 85
CES10 = 73	CES35 = 84	CES60 = 87	CES85 = 77
CES11 = 56	CES36 = 86	CES61 = 81	CES86 = 74
CES12 = 62	CES37 = 80	CES62 = 80	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 74	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 63	CES89 = 72
CES15 = 70	CES40 = 93	CES65 = 62	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 56	CES91 = 71
CES17 = 49	CES42 = 83	CES67 = 54	CES92 = 57
CES18 = 55	CES43 = 81	CES68 = 64	CES93 = 74
CES19 = 71	CES44 = 99	CES69 = 72	CES94 = 53
CES20 = 64	CES45 = 88	CES70 = 57	CES95 = 64
CES21 = 85	CES46 = 86	CES71 = 49	CES96 = 76
CES22 = 77	CES47 = 91	CES72 = 83	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 48	CES98 = 77
CES24 = 90	CES49 = 84	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 52	



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Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)