

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: P856277

Luminaire Tested: **FFX-CLB-50-750-U-PG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856277
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-50-750-U-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

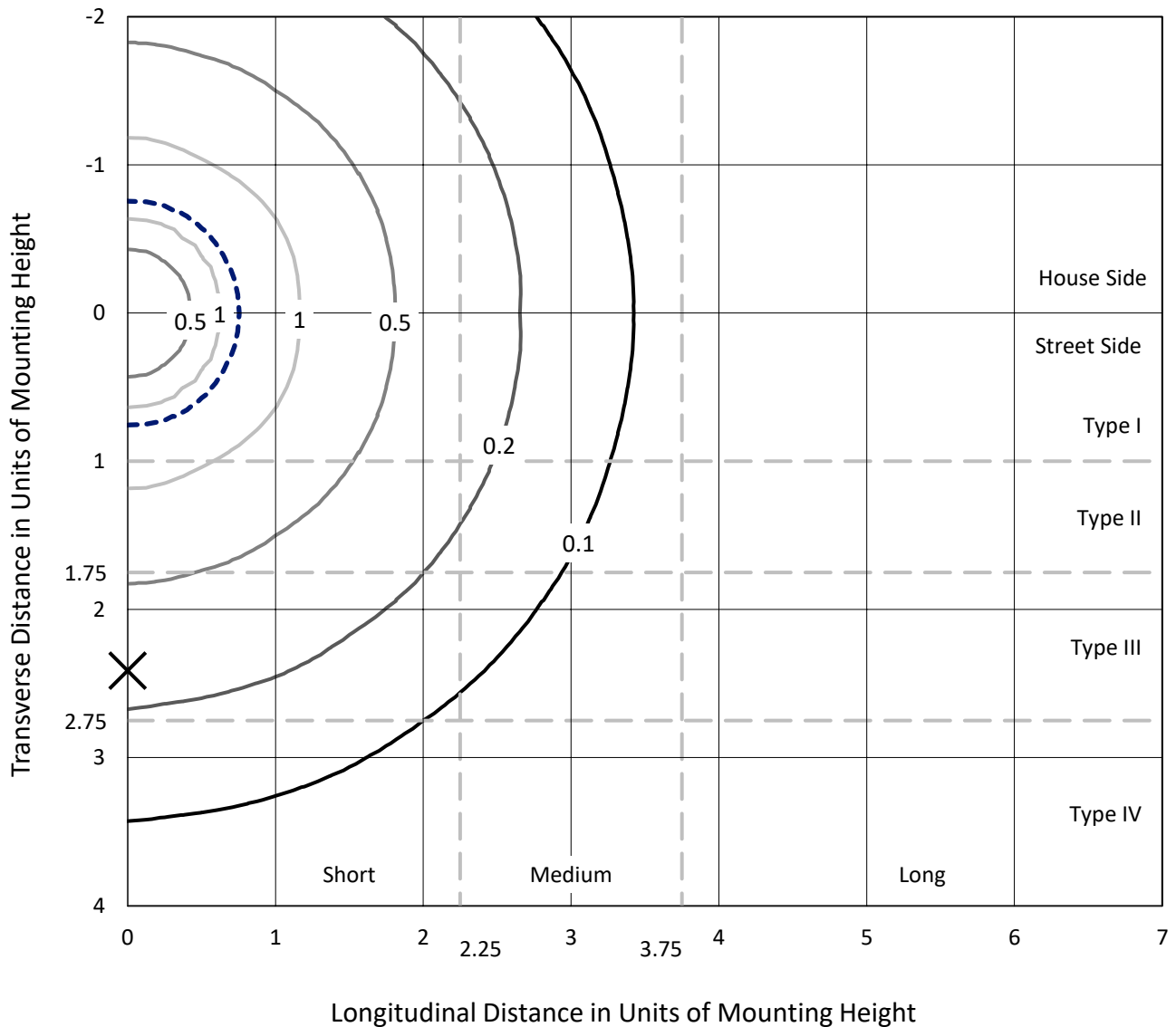
Lumens per Lamp: N/A
Luminaire Lumens: 8271.3 lumens
Efficiency: N/A
Efficacy: 163.8 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G4

Input Watts (W): 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

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Iso-Footcandle Lines of Horizontal Illumination

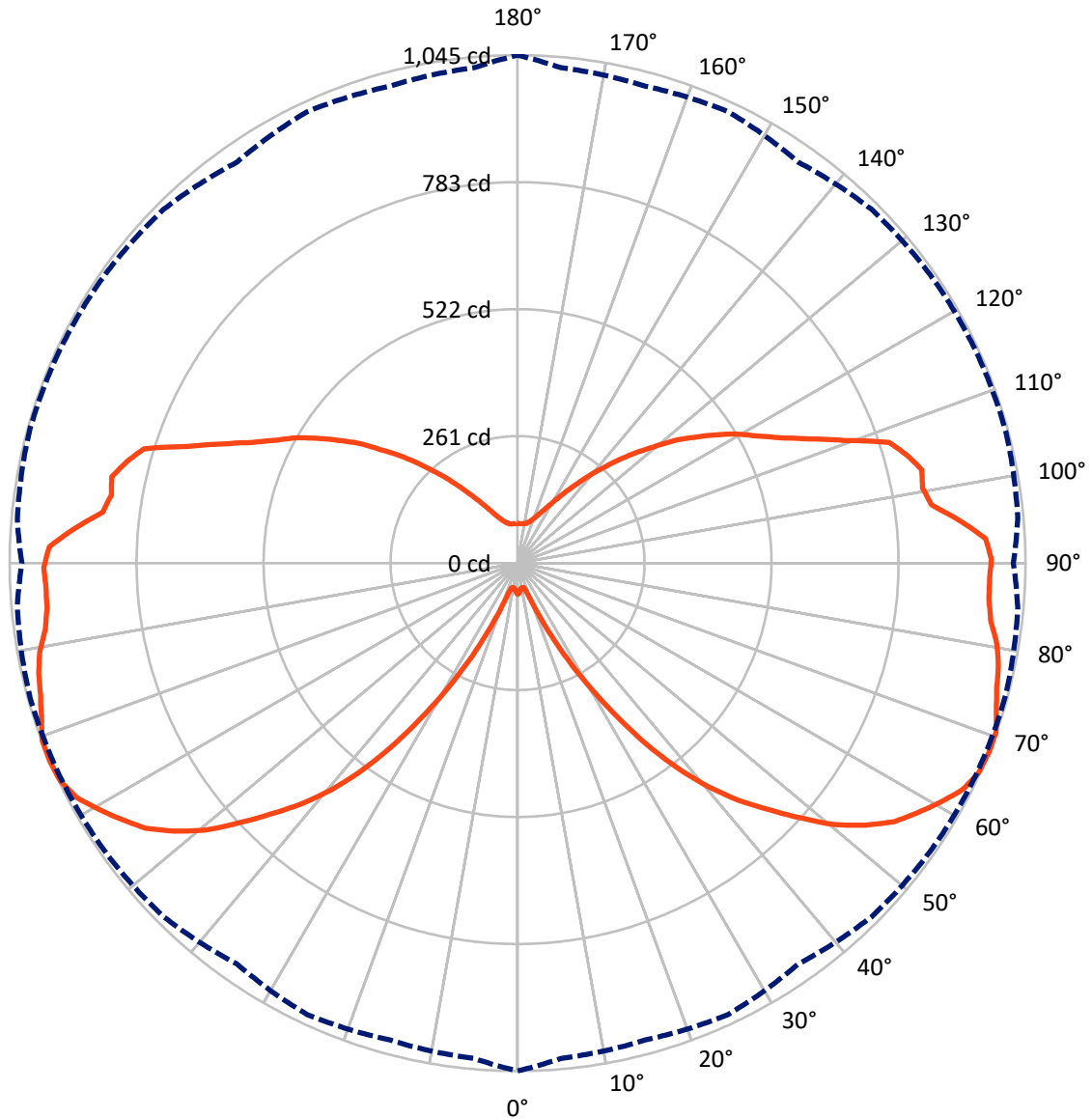
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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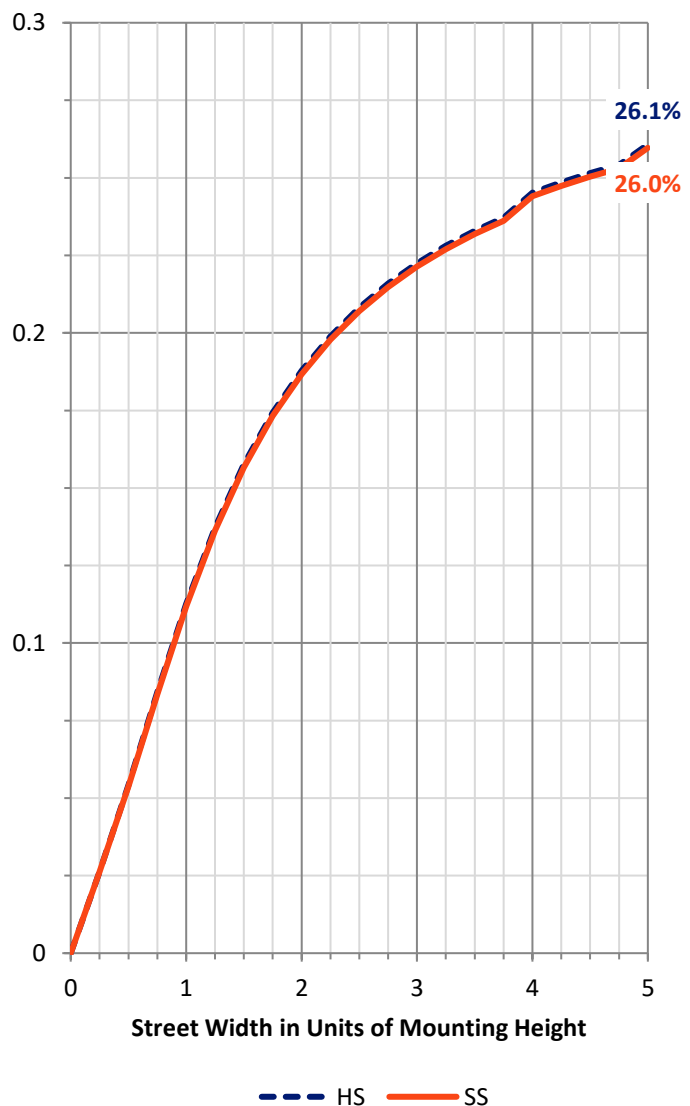
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2467.5	1668.1	4135.6
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	2467.5	1668.1	4135.6
	% Fixture	29.8	20.2	50.0
Total	Lumens	4935.0	3336.3	8271.3
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.3	0.1
10°-20°	17.7	0.2
20°-30°	88.3	1.1
30°-40°	290.3	3.5
40°-50°	561.3	6.8
50°-60°	830.7	10.0
60°-70°	1009.9	12.2
70°-80°	1066.2	12.9
80°-90°	1065.3	12.9
90°-100°	996.6	12.0
100°-110°	886.6	10.7
110°-120°	606.4	7.3
120°-130°	407.3	4.9
130°-140°	236.5	2.9
140°-150°	116.5	1.4
150°-160°	53.8	0.7
160°-170°	24.8	0.3
170°-180°	7.8	0.1
0°-90°	4935.0	59.7
0°-180°	8271.3	100.0

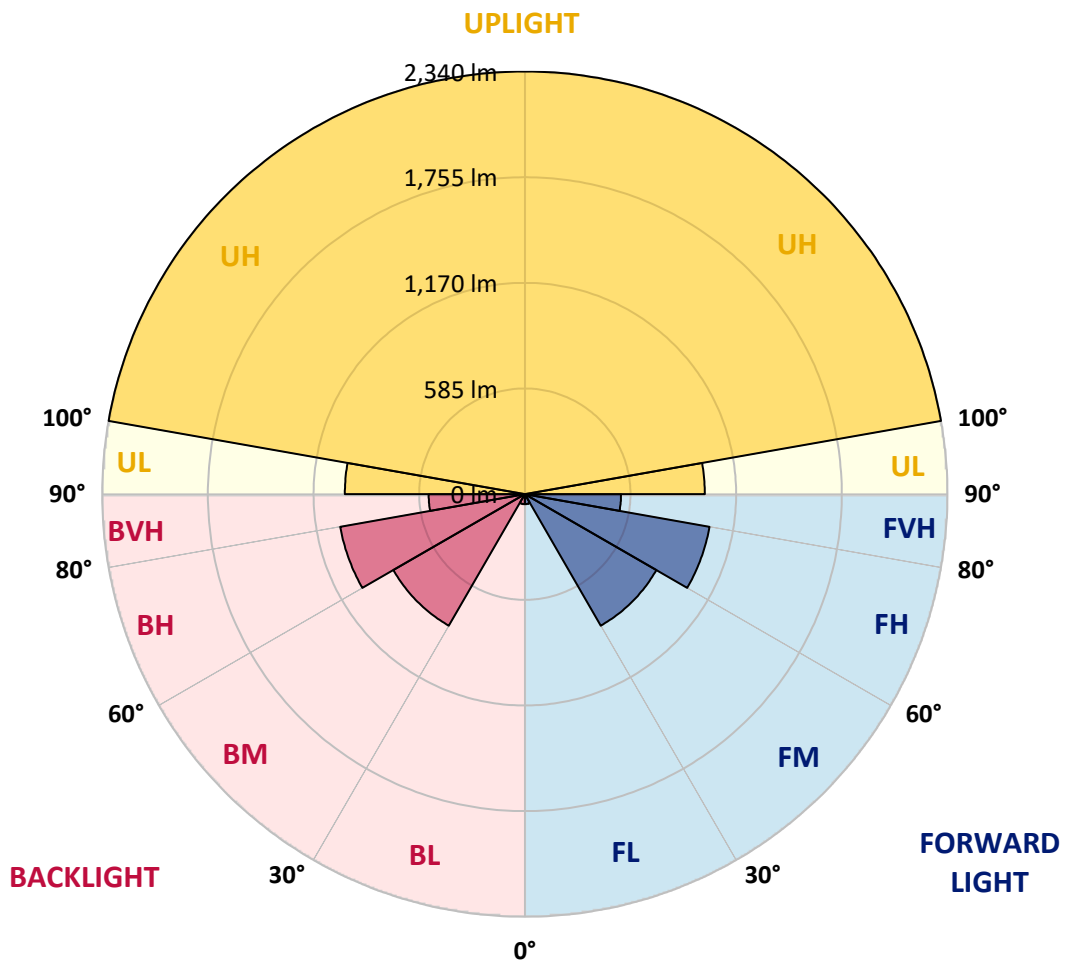


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	55.7	0.7			
FM (30°-60°)	841.1	10.2			
FH (60°-80°)	1038.0	12.5			G1/1800
FVH (80°-90°)	532.7	6.4			G4/750
BL (0°-30°)	55.7	0.7	B0/110		
BM (30°-60°)	841.1	10.2	B1/1000		
BH (60°-80°)	1038.0	12.5	B3/2500		G1/1800
BVH (80°-90°)	532.7	6.4			G4/750
UL (90°-100°)	996.6	12.0		U4/1000	
UH (100°-180°)	2339.7	28.3		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°	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
2.5°	61.6	61.0	60.5	60.0	60.5	61.0	62.1	62.6	62.6	62.6	62.6
5°	55.8	56.3	56.9	57.4	57.4	57.4	57.4	57.9	58.4	58.4	58.4
7.5°	52.7	52.7	53.2	54.8	55.3	54.8	54.8	55.3	53.7	52.2	51.7
10°	51.1	51.1	51.7	52.2	52.7	53.7	54.3	54.3	54.3	54.3	53.7
12.5°	51.7	51.1	51.7	52.2	53.2	53.7	52.7	52.7	53.7	54.8	55.3
15°	54.3	53.7	53.7	54.8	55.3	55.3	54.3	54.3	54.8	55.8	55.8
17.5°	65.7	64.7	64.2	64.7	64.2	64.7	64.2	65.2	65.2	64.7	64.2
20°	89.7	88.7	87.1	86.6	87.1	88.7	89.2	90.8	89.2	88.7	86.6
22.5°	127.3	125.7	124.7	124.7	126.3	127.3	126.8	128.9	127.8	127.3	125.2
25°	175.3	174.3	174.8	177.4	180.0	178.4	174.3	177.4	177.4	176.9	176.4
27.5°	235.3	231.7	233.2	240.0	242.1	237.9	233.2	236.9	238.4	239.0	239.0
30°	303.7	301.0	300.5	307.8	310.4	306.8	303.7	307.8	307.8	309.4	309.4
32.5°	377.7	376.2	373.6	377.7	381.9	380.9	380.9	384.0	383.0	384.5	385.0
35°	459.1	456.0	450.8	451.3	456.0	456.5	460.2	462.3	461.2	460.7	460.7
37.5°	535.8	531.7	527.0	524.4	530.1	529.6	537.9	537.9	535.8	536.4	536.4
40°	605.2	602.6	599.0	591.7	602.6	600.5	610.4	610.4	604.7	606.3	605.2
42.5°	667.3	667.3	663.1	652.2	663.7	661.6	674.6	674.6	666.8	666.3	664.7
45°	723.1	725.7	723.7	713.7	717.9	719.5	732.0	729.4	723.1	723.1	720.5
47.5°	783.1	785.7	778.4	768.0	772.7	775.3	786.8	785.7	782.1	777.4	777.4
50°	845.8	846.3	831.7	819.1	823.3	836.9	845.2	847.3	839.5	828.5	828.0
52.5°	895.3	898.4	884.4	870.8	873.9	889.6	899.0	899.5	889.6	873.9	878.6
55°	939.1	942.3	928.2	916.2	922.4	930.8	941.8	935.5	936.0	919.3	927.1
57.5°	968.9	979.3	955.8	953.2	959.0	968.9	973.6	972.0	975.1	959.5	962.1
60°	998.6	1003.3	983.5	987.1	980.4	998.1	1001.8	1005.4	997.1	986.1	986.1
62.5°	1026.8	1015.3	1001.2	1010.1	991.8	1014.3	1018.4	1022.6	1013.8	1003.3	1005.4
65°	1041.4	1020.5	1008.5	1019.5	1001.8	1022.1	1028.9	1030.4	1028.9	1019.0	1014.3
67.5°	1044.5	1022.6	1015.3	1024.2	1006.4	1028.9	1035.1	1038.3	1039.8	1032.5	1019.5
70°	1043.5	1020.0	1013.8	1022.1	1010.6	1031.5	1032.0	1036.7	1038.8	1041.9	1027.3
72.5°	1029.4	1009.1	1007.5	1014.8	1004.4	1017.9	1018.4	1024.2	1021.1	1031.0	1023.7
75°	1017.9	1004.4	1007.0	1005.4	995.0	1002.8	1004.9	1011.7	1000.2	1009.6	1015.8
77.5°	1010.6	1003.3	1009.6	1001.2	990.3	995.5	998.6	1006.4	989.2	997.1	1015.3
80°	999.1	997.1	1004.9	992.4	983.0	987.7	992.9	999.7	980.9	986.1	1012.2
82.5°	980.4	981.9	989.2	974.6	968.4	973.6	979.8	990.3	971.0	974.1	1001.8
85°	972.0	978.8	982.4	967.8	960.5	963.7	970.4	981.4	961.1	965.8	993.9
87.5°	971.0	979.3	981.9	969.4	963.1	967.8	971.0	986.6	964.7	970.4	999.1
90°	974.1	977.2	978.8	967.8	962.6	969.9	970.4	989.8	967.8	969.4	995.0
92.5°	963.7	964.2	967.3	957.4	956.9	962.1	961.1	977.2	953.2	949.6	971.5
95°	913.1	908.9	915.7	910.4	921.4	929.2	938.1	958.4	946.4	949.6	968.4
97.5°	859.3	860.4	862.4	854.1	852.5	855.7	859.3	869.8	866.1	869.2	887.0
100°	846.8	850.4	849.9	845.8	828.5	824.9	817.1	806.1	791.5	793.6	796.2
102.5°	853.1	863.0	864.5	870.3	870.3	867.7	873.4	868.7	871.3	886.4	878.1
105°	830.6	842.1	849.4	855.7	867.7	877.6	904.2	920.4	933.4	951.7	949.1
107.5°	803.5	809.2	814.4	814.4	811.3	809.8	824.4	827.0	823.3	828.0	828.5
110°	719.0	718.4	723.7	721.6	723.1	714.8	719.0	733.1	729.9	739.3	740.9



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 CATALOG NUMBER: FFX-CLB-50-750-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	653.2	653.2	656.9	651.7	652.2	645.4	648.0	657.4	657.9	665.7	669.9
115°	597.9	596.9	602.1	597.9	593.2	591.7	594.3	600.0	601.6	606.8	615.1
117.5°	556.7	551.5	555.7	556.2	558.3	554.1	560.4	564.0	566.1	570.3	577.1
120°	522.8	517.6	519.1	524.4	530.6	521.7	528.5	531.7	533.2	534.8	537.9
122.5°	484.2	480.5	479.0	489.4	493.1	485.2	488.9	493.6	496.2	498.8	501.4
125°	445.0	441.9	440.4	449.7	453.4	447.1	452.4	459.1	458.1	463.8	458.6
127.5°	409.6	408.5	406.4	411.1	413.7	413.2	417.9	426.3	422.6	427.8	422.1
130°	367.3	371.5	368.4	374.1	374.6	378.8	380.4	388.2	384.5	385.6	381.9
132.5°	332.9	334.4	332.9	335.0	336.5	336.5	340.7	349.0	343.3	342.8	339.7
135°	297.9	298.4	296.4	299.5	300.5	297.9	302.1	308.4	305.2	303.7	303.7
137.5°	263.5	263.0	263.5	264.5	265.6	265.0	267.1	271.8	270.8	268.7	271.3
140°	234.3	232.7	233.2	233.7	233.2	233.2	235.3	239.5	239.5	236.9	239.5
142.5°	205.0	204.5	204.5	204.5	204.5	205.6	207.7	208.7	209.7	207.7	207.1
145°	180.5	180.0	179.5	179.5	179.5	180.0	182.1	181.6	183.7	181.6	180.0
147.5°	158.6	159.1	158.1	157.6	157.0	158.6	159.1	160.2	161.2	160.2	158.6
150°	140.9	140.3	140.3	139.3	139.3	140.9	140.3	141.4	142.4	141.9	141.4
152.5°	125.2	125.2	125.2	124.2	124.7	125.7	125.7	125.7	126.8	126.8	126.3
155°	112.7	112.7	112.7	112.2	112.2	113.2	113.2	113.2	113.7	113.7	113.7
157.5°	103.3	103.3	102.8	102.8	102.8	103.3	102.8	102.8	103.3	103.3	103.3
160°	96.0	96.0	95.5	95.5	95.0	95.5	95.0	95.0	95.5	95.5	95.5
162.5°	90.3	90.3	89.7	89.7	89.7	89.7	89.7	89.2	89.2	89.7	89.2
165°	86.1	86.1	86.1	86.1	86.1	86.1	86.1	85.6	85.6	85.6	85.6
167.5°	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
170°	81.9	81.9	81.9	82.4	82.4	82.4	81.9	81.9	82.4	82.4	81.9
172.5°	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
175°	81.4	81.4	81.4	81.4	81.4	81.4	80.9	81.4	81.4	81.4	81.4
177.5°	81.4	80.9	80.9	81.4	81.4	80.9	80.9	80.9	80.9	80.9	80.9
180°	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4

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



Test Conditions

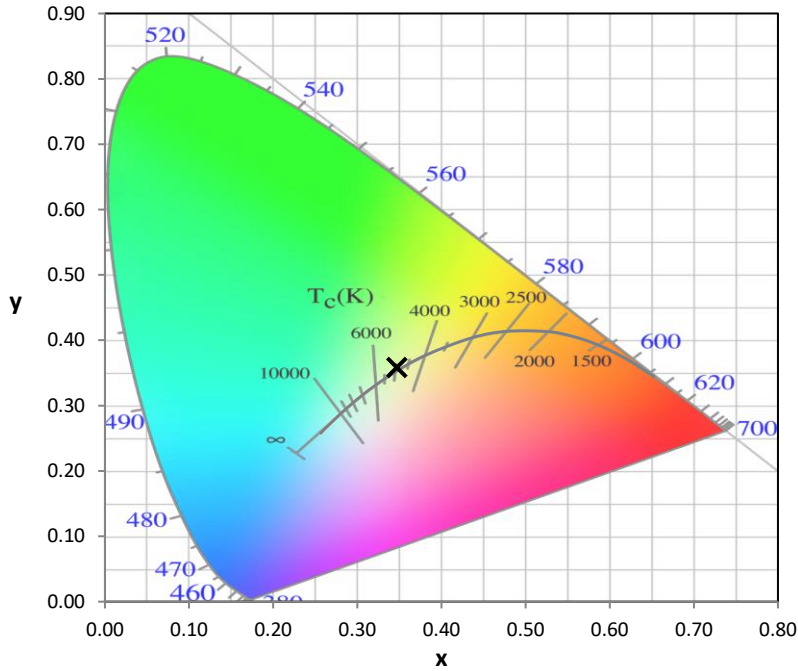
Stabilization Time: 0.803355M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-5

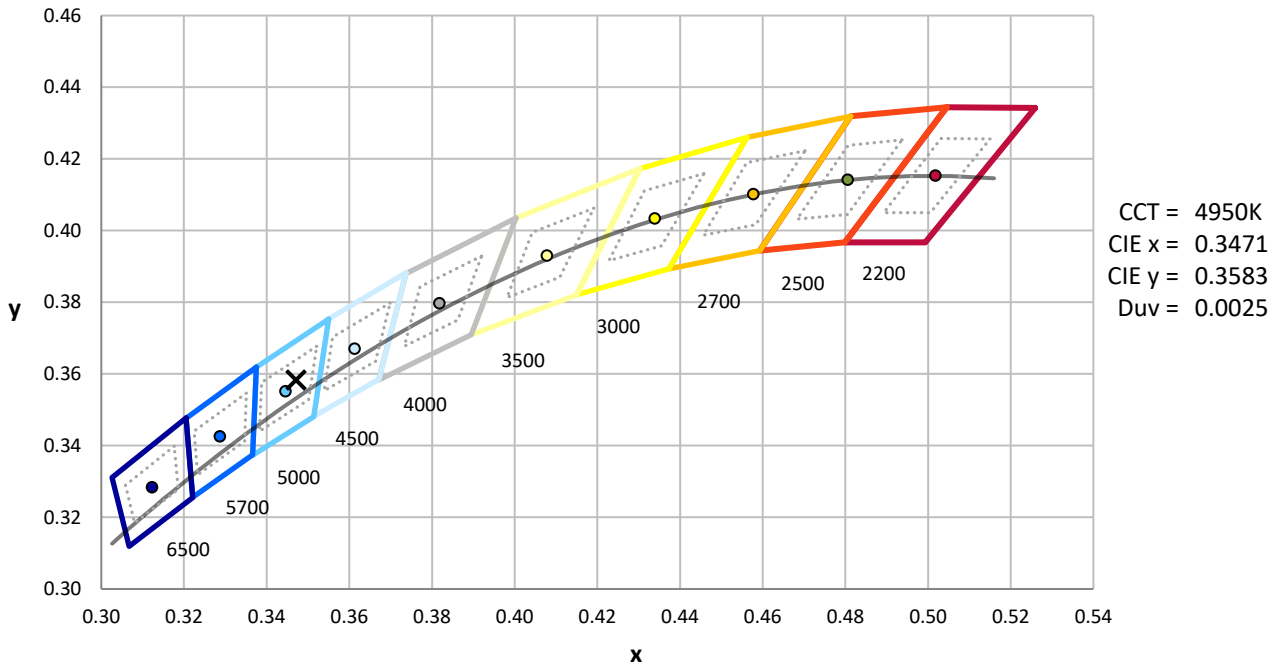
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



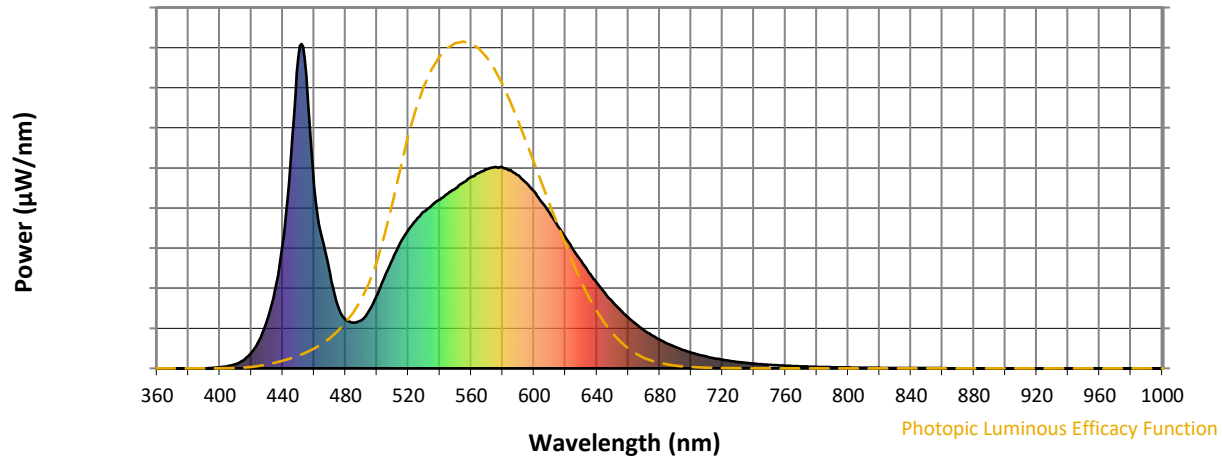
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power 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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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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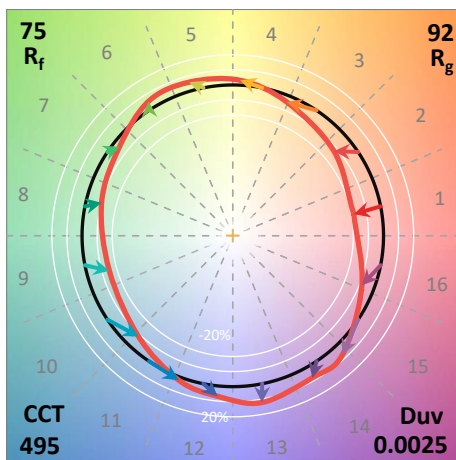
TM-30-18

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 ($R_{f,i}$)

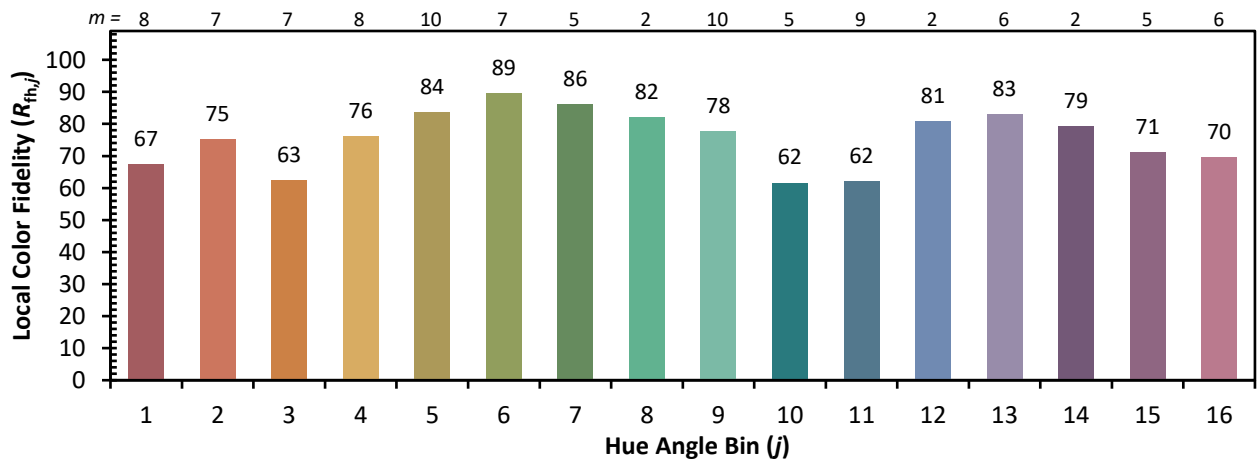
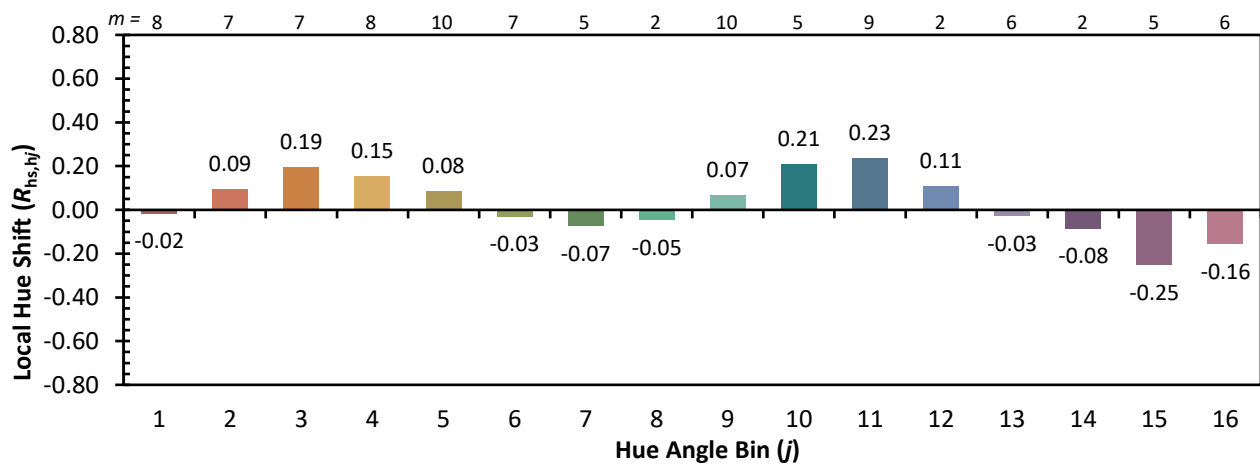
CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 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)