

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: P856150

Luminaire Tested: **FFX-CLB-60-722-U-FR-T5-UPLR**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856150
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-60-722-U-FR-T5-UPLR
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source: (6) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

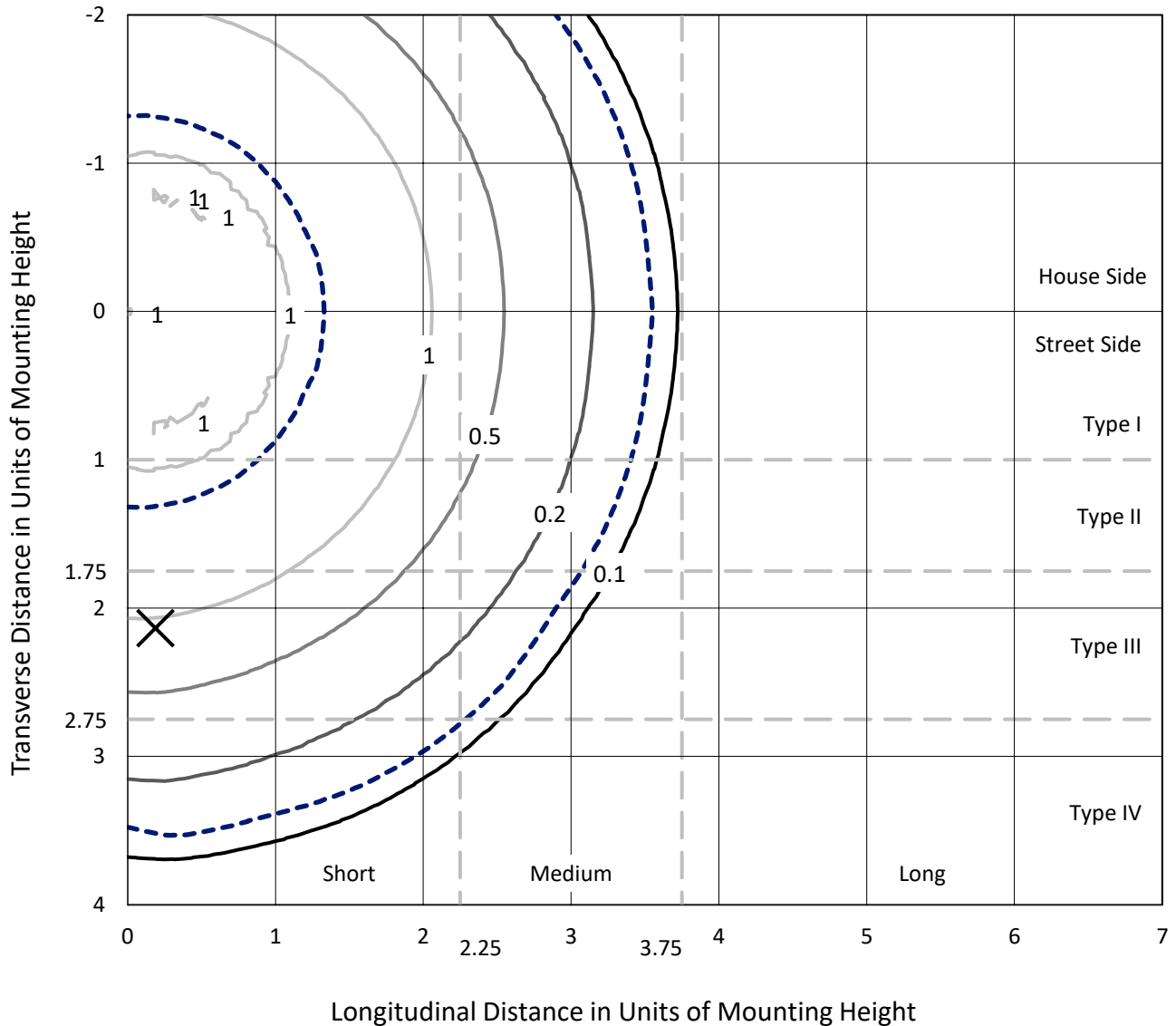
Lumens per Lamp: N/A
Luminaire Lumens: 8004.6 lumens
Efficiency: N/A
Efficacy: 133.9 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification: Type V - Short
BUG Rating: B3 - U4 - G3

Input Watts (W): 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

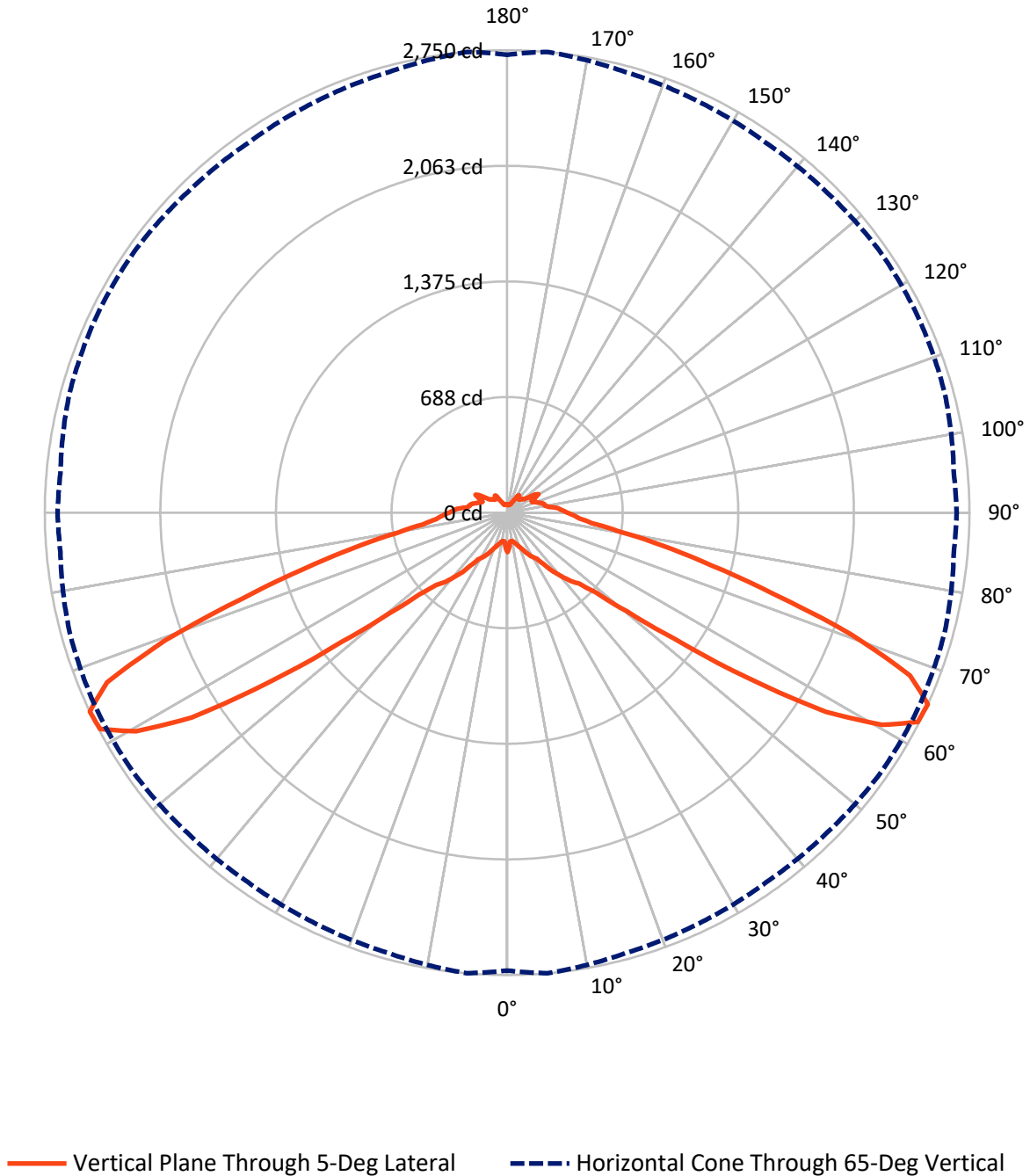
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot





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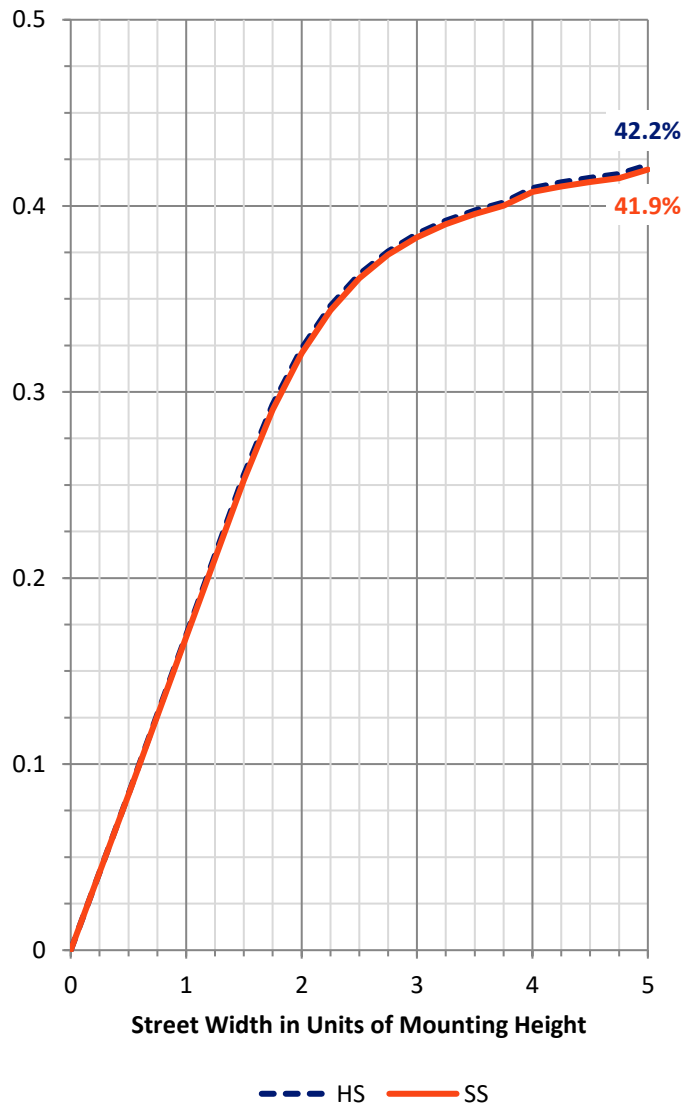
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3496.5	505.8	4002.3
	% Fixture	43.7	6.3	50.0
Street Side	Lumens	3496.5	505.8	4002.3
	% Fixture	43.7	6.3	50.0
Total	Lumens	6993.1	1011.6	8004.6
	% Fixture	87.4	12.6	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.0	0.2
10°-20°	56.2	0.7
20°-30°	121.8	1.5
30°-40°	246.8	3.1
40°-50°	497.5	6.2
50°-60°	1581.9	19.8
60°-70°	2551.0	31.9
70°-80°	1391.1	17.4
80°-90°	529.7	6.6
90°-100°	317.9	4.0
100°-110°	202.7	2.5
110°-120°	154.2	1.9
120°-130°	130.5	1.6
130°-140°	85.0	1.1
140°-150°	71.3	0.9
150°-160°	31.9	0.4
160°-170°	13.5	0.2
170°-180°	4.5	0.1
0°-90°	6993.1	87.4
0°-180°	8004.6	100.0



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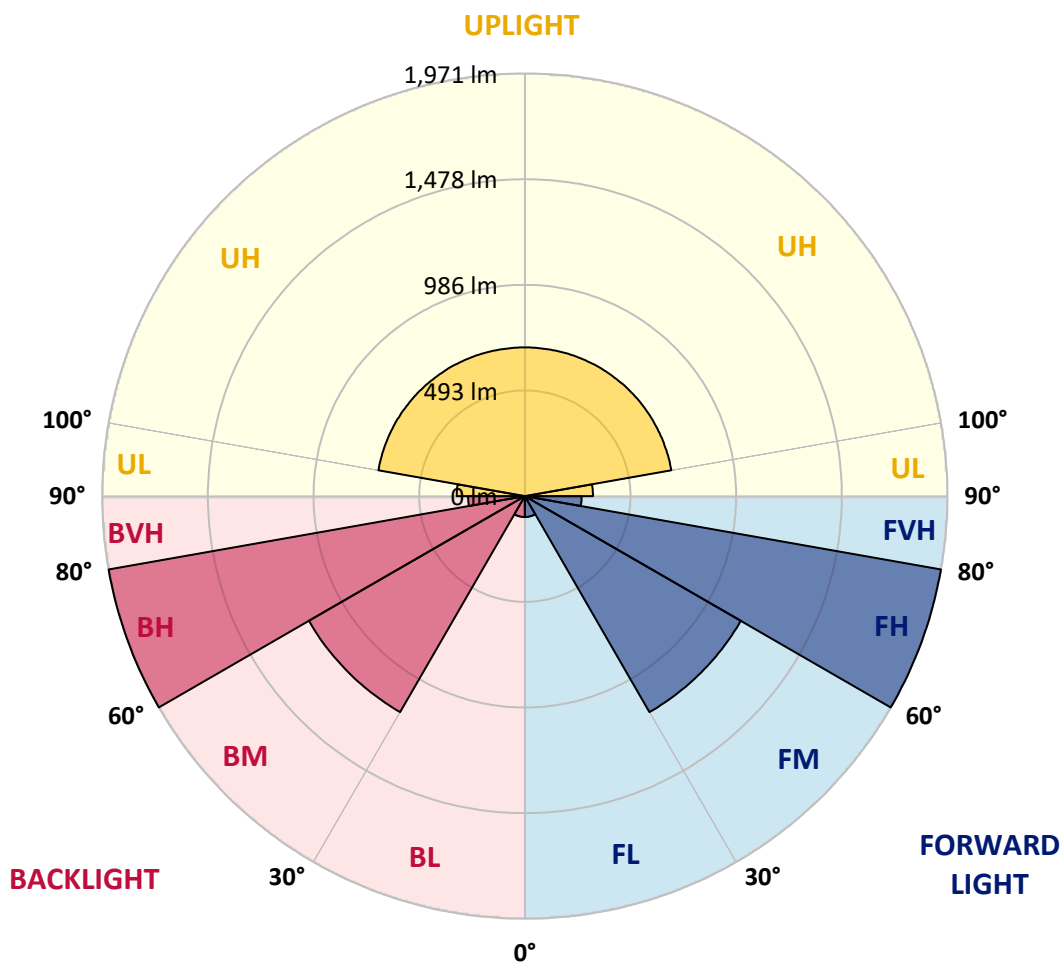
CATALOG NUMBER: FFX-CLB-60-722-U-FR-T5-UPLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	97.5	1.2			
FM (30°-60°)	1163.1	14.5			
FH (60°-80°)	1971.1	24.6			G2/5000
FVH (80°-90°)	264.9	3.3			G3/500
BL (0°-30°)	97.5	1.2	B0/110		
BM (30°-60°)	1163.1	14.5	B2/2500		
BH (60°-80°)	1971.1	24.6	B3/2500		G2/5000
BVH (80°-90°)	264.9	3.3			G3/500
UL (90°-100°)	317.9	4.0		U3/500	
UH (100°-180°)	693.7	8.7		U4/1000	

BUG Rating: B3-U4-G3

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	234.9	234.9	234.9	234.9	234.9	234.9	234.9	234.9	234.9	234.9	234.9
2.5°	209.8	213.2	204.0	196.5	193.1	193.9	201.5	209.0	201.5	204.0	204.0
5°	173.9	174.7	174.7	173.0	175.6	170.5	164.7	164.7	170.5	177.2	177.2
7.5°	168.0	170.5	177.2	177.2	179.7	171.4	163.0	163.8	172.2	182.2	184.7
10°	173.0	173.0	171.4	173.0	178.9	178.1	168.9	164.7	170.5	180.6	183.9
12.5°	180.6	180.6	185.6	193.1	193.9	186.4	177.2	176.4	183.1	189.8	189.8
15°	191.4	192.3	194.8	193.9	196.5	193.9	191.4	193.1	197.3	197.3	197.3
17.5°	205.6	205.6	205.6	205.6	205.6	206.5	207.3	207.3	207.3	209.0	209.0
20°	221.5	221.5	220.7	219.9	219.9	220.7	221.5	221.5	221.5	223.2	223.2
22.5°	241.6	240.8	239.1	239.1	239.1	239.9	238.2	237.4	236.6	237.4	237.4
25°	265.0	265.0	263.3	260.8	260.8	260.0	257.5	256.6	255.8	257.5	256.6
27.5°	288.4	288.4	285.9	282.6	282.6	282.6	280.9	279.2	277.5	278.4	278.4
30°	310.1	308.5	307.6	305.1	304.3	305.1	303.5	303.5	300.1	299.3	300.9
32.5°	330.2	328.5	330.2	327.7	325.2	327.7	326.9	326.9	321.8	320.2	321.8
35°	385.4	381.2	384.5	378.7	375.3	376.2	377.9	381.2	376.2	373.7	374.5
37.5°	444.7	443.9	454.8	464.0	462.3	448.1	438.9	440.6	447.2	456.4	456.4
40°	499.9	498.2	500.7	497.4	497.4	495.7	494.9	499.1	485.7	482.3	479.8
42.5°	557.6	556.7	542.5	522.5	518.3	535.0	542.5	548.4	529.2	522.5	517.5
45°	614.4	602.7	600.2	593.5	586.8	597.7	596.9	601.1	591.9	591.0	586.8
47.5°	734.0	712.2	704.7	705.5	691.3	703.0	708.1	721.4	702.2	703.0	702.2
50°	949.6	922.1	934.6	926.2	911.2	925.4	924.6	948.8	917.0	928.8	923.7
52.5°	1286.5	1248.9	1256.4	1251.4	1236.4	1265.6	1272.3	1308.3	1247.3	1262.3	1258.1
55°	1773.9	1732.9	1749.7	1689.5	1673.6	1731.3	1753.0	1794.8	1713.7	1722.1	1717.9
57.5°	2238.7	2236.2	2264.6	2222.0	2207.8	2248.7	2228.7	2265.5	2222.0	2252.9	2242.9
60°	2555.5	2562.2	2590.6	2603.2	2578.1	2599.8	2551.3	2578.9	2565.6	2610.7	2606.5
62.5°	2720.2	2741.9	2725.2	2726.1	2698.5	2715.2	2706.0	2721.9	2718.5	2722.7	2718.5
65°	2723.6	2750.3	2713.5	2696.8	2685.1	2691.8	2707.7	2707.7	2697.6	2667.5	2674.2
67.5°	2545.5	2585.6	2544.7	2521.3	2527.9	2525.4	2536.3	2522.1	2516.2	2471.9	2472.8
70°	2107.5	2171.8	2111.6	2089.9	2107.5	2118.3	2117.5	2105.8	2096.6	2041.4	2057.3
72.5°	1600.0	1656.9	1603.4	1595.0	1611.7	1628.4	1614.2	1628.4	1613.4	1588.3	1595.8
75°	1208.0	1256.4	1256.4	1288.2	1293.2	1284.0	1244.7	1260.6	1270.7	1271.5	1279.0
77.5°	888.6	939.6	966.4	1018.2	1015.7	999.8	952.2	970.5	989.8	1003.2	1012.3
80°	632.0	670.4	709.7	746.5	751.5	738.2	708.9	719.8	731.5	740.7	745.7
82.5°	489.9	507.4	499.9	495.7	502.4	521.6	528.3	535.0	518.3	507.4	511.6
85°	427.2	428.8	442.2	451.4	453.9	453.9	447.2	452.3	456.4	467.3	467.3
87.5°	389.6	391.2	424.7	433.9	437.2	433.0	424.7	428.0	431.4	438.0	438.0
90°	346.1	351.1	384.5	392.1	395.4	388.7	386.2	388.7	384.5	387.0	387.0
92.5°	321.8	321.8	337.7	334.4	333.5	334.4	335.2	337.7	333.5	331.9	331.9
95°	294.3	298.4	294.3	297.6	296.8	292.6	290.9	292.6	290.1	290.1	291.7
97.5°	246.6	247.4	239.9	242.4	242.4	239.1	234.9	236.6	234.1	235.7	236.6
100°	230.7	228.2	215.7	214.0	213.2	210.7	208.2	208.2	207.3	206.5	207.3
102.5°	225.7	225.7	209.0	205.6	204.0	199.8	196.5	196.5	196.5	196.5	197.3
105°	206.5	212.3	199.8	197.3	194.8	189.8	184.7	183.9	185.6	183.9	186.4
107.5°	187.3	192.3	185.6	185.6	183.1	178.1	174.7	173.9	174.7	173.0	174.7
110°	176.4	178.9	171.4	171.4	169.7	165.5	164.7	163.8	163.8	161.3	163.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	163.0	163.0	157.2	155.5	155.5	153.0	152.1	151.3	151.3	151.3	152.1
115°	162.2	161.3	152.1	146.3	145.5	144.6	145.5	144.6	144.6	143.8	143.8
117.5°	198.1	189.8	158.8	144.6	144.6	145.5	148.8	146.3	140.4	140.4	139.6
120°	214.0	215.7	183.1	168.0	164.7	160.5	159.7	158.0	152.1	151.3	154.7
122.5°	188.9	197.3	177.2	171.4	168.0	163.0	159.7	158.8	158.8	154.7	160.5
125°	147.1	154.7	144.6	143.8	142.9	143.8	142.1	142.1	143.8	141.3	142.1
127.5°	126.2	129.6	125.4	125.4	124.6	123.7	122.1	122.9	122.1	122.9	123.7
130°	121.2	123.7	119.5	117.9	117.9	118.7	118.7	118.7	116.2	114.5	115.4
132.5°	120.4	119.5	112.9	109.5	109.5	115.4	117.9	117.9	112.0	107.8	107.8
135°	108.7	109.5	108.7	104.5	105.3	107.0	109.5	110.3	104.5	102.0	102.8
137.5°	104.5	107.0	107.8	106.2	106.2	104.5	103.7	104.5	102.8	103.7	103.7
140°	104.5	105.3	107.8	109.5	107.8	106.2	106.2	106.2	107.0	109.5	111.2
142.5°	107.0	107.8	107.0	106.2	108.7	112.9	116.2	116.2	113.7	112.0	112.9
145°	122.9	125.4	125.4	122.9	124.6	122.9	122.9	121.2	121.2	121.2	122.1
147.5°	117.0	116.2	117.9	120.4	117.9	117.0	117.0	117.9	119.5	120.4	121.2
150°	92.0	89.4	91.1	96.1	95.3	95.3	95.3	96.1	97.0	97.0	97.8
152.5°	72.7	72.7	74.4	74.4	75.2	75.2	74.4	74.4	74.4	75.2	75.2
155°	65.2	64.4	66.0	68.5	66.9	66.9	66.9	66.9	66.9	66.9	67.7
157.5°	56.8	56.0	56.0	56.8	56.8	56.8	56.8	57.7	57.7	56.8	57.7
160°	51.8	51.8	51.0	51.0	51.0	51.8	52.7	52.7	51.8	51.0	51.0
162.5°	49.3	49.3	47.6	46.8	46.8	47.6	49.3	49.3	47.6	46.8	46.8
165°	49.3	48.5	46.0	44.3	44.3	46.0	48.5	48.5	46.0	44.3	44.3
167.5°	48.5	48.5	46.8	45.1	45.1	46.8	47.6	48.5	47.6	46.0	45.1
170°	46.8	46.8	47.6	47.6	46.8	46.8	46.8	46.8	47.6	47.6	47.6
172.5°	48.5	47.6	48.5	49.3	49.3	48.5	47.6	47.6	48.5	49.3	49.3
175°	49.3	49.3	48.5	48.5	48.5	47.6	47.6	47.6	48.5	49.3	48.5
177.5°	44.3	44.3	43.5	44.3	44.3	44.3	43.5	44.3	44.3	44.3	45.1
180°	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8

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: SP1-2406-133-2

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5.

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-2
 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-100-722-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 2211
 CIE u': 0.2892
 CIE v': 0.5376
 Duv: 0.0011
 CIE x: 0.5069
 CIE y: 0.4188
 CIE z: 0.0743
 Peak Wavelength (nm): 606
 Dominant Wavelength (nm): 586
 Purity: 77.8805
 Rf: 76.1
 Rg: 94.3

CRI (Ra):	71.4		
R1:	68.2	R9:	-29.2
R2:	85.0	R10:	67.8
R3:	94.0	R11:	60.7
R4:	65.1	R12:	59.0
R5:	66.6	R13:	71.3
R6:	81.8	R14:	97.6
R7:	73.4	R15:	58.9
R8:	37.3		



Test Conditions

Stabilization Time: 0.813563M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-2

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 2200K 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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 0.87

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.42

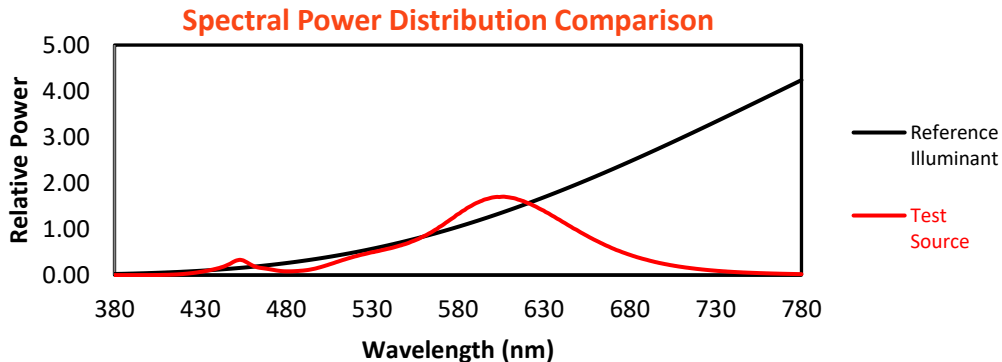
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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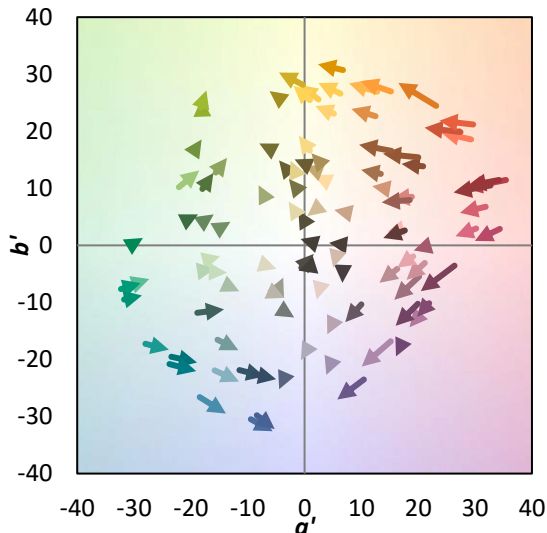
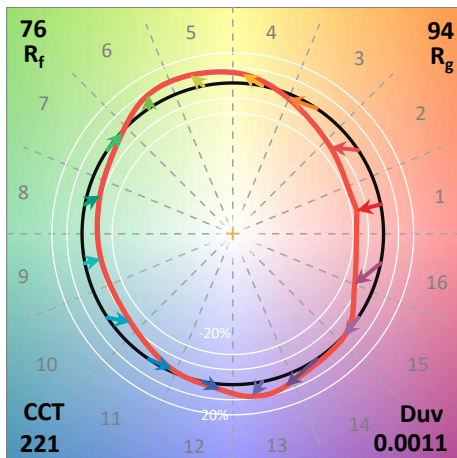
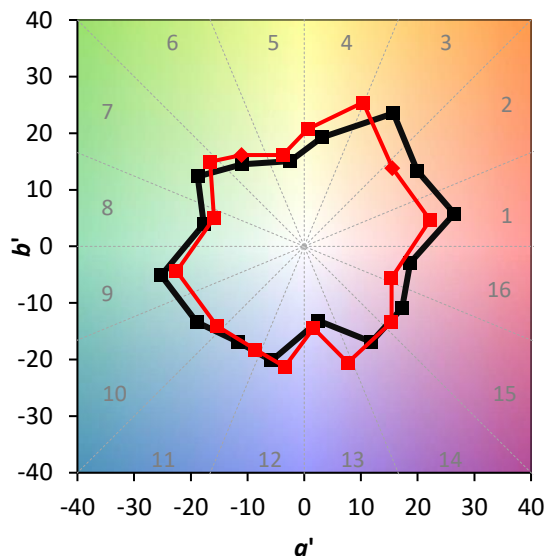
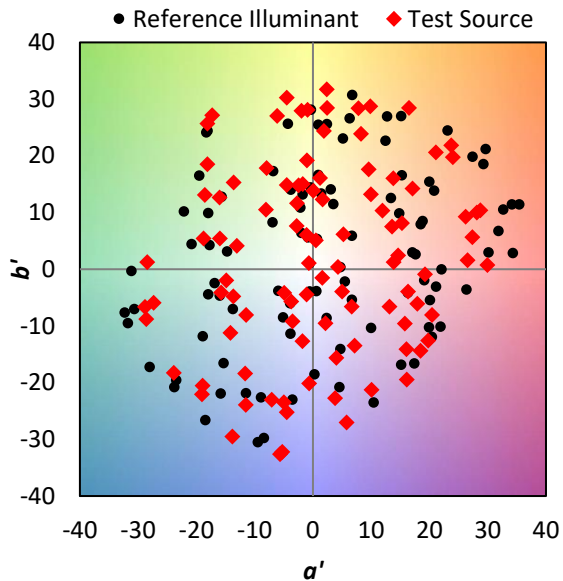
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Summary

$R_f = 76.1$
 $R_g = 94.3$
 CIE $R_a = 71.4$
 $R_9 = -29.2$



Color Vector Graphics

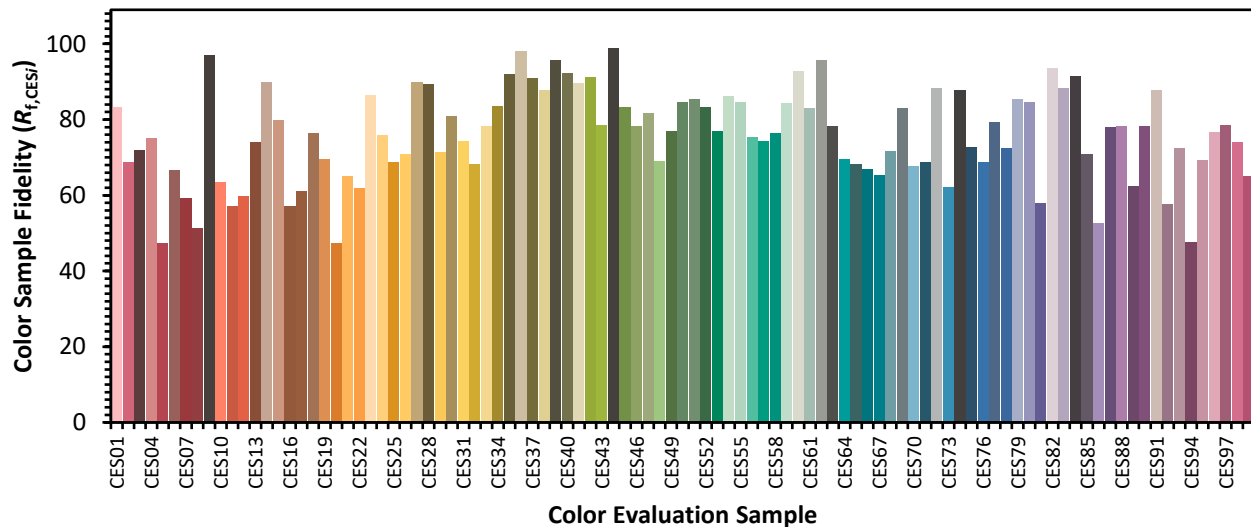


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Individual Sample Fidelity Index ($R_{f,i}$)

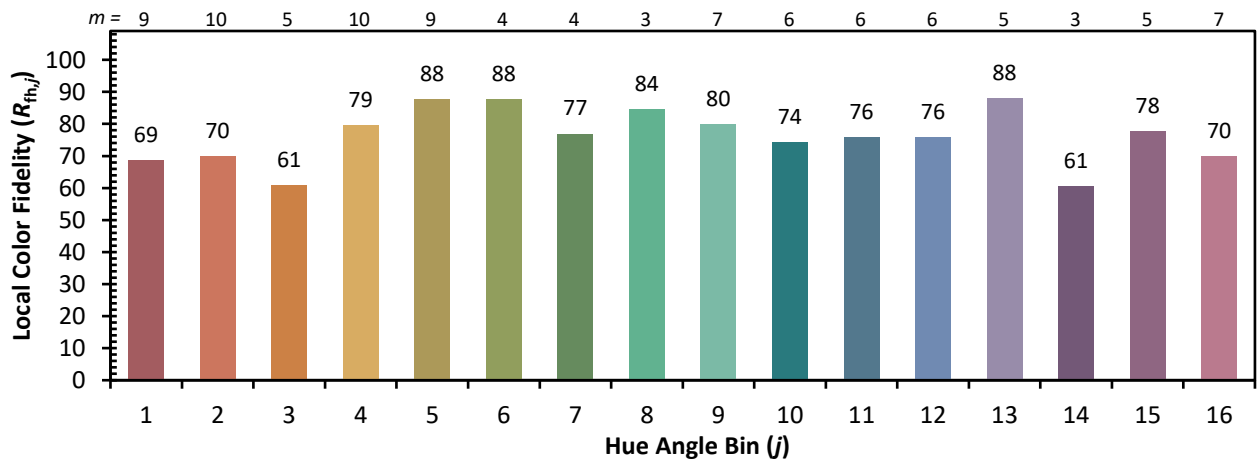
CES01 = 87	CES26 = 71	CES51 = 85	CES76 = 69
CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82 = 93
CES08 = 42	CES33 = 78	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 84	CES59 = 84	CES84 = 92
CES10 = 79	CES35 = 92	CES60 = 93	CES85 = 71
CES11 = 62	CES36 = 98	CES61 = 83	CES86 = 53
CES12 = 68	CES37 = 91	CES62 = 96	CES87 = 78
CES13 = 45	CES38 = 88	CES63 = 78	CES88 = 78
CES14 = 75	CES39 = 96	CES64 = 69	CES89 = 63
CES15 = 72	CES40 = 92	CES65 = 68	CES90 = 78
CES16 = 49	CES41 = 90	CES66 = 67	CES91 = 88
CES17 = 51	CES42 = 91	CES67 = 65	CES92 = 58
CES18 = 57	CES43 = 79	CES68 = 72	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 68	CES45 = 83	CES70 = 68	CES95 = 69
CES21 = 88	CES46 = 78	CES71 = 69	CES96 = 77
CES22 = 81	CES47 = 82	CES72 = 88	CES97 = 79
CES23 = 92	CES48 = 69	CES73 = 62	CES98 = 74
CES24 = 92	CES49 = 77	CES74 = 88	CES99 = 65
CES25 = 74	CES50 = 85	CES75 = 73	



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Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)