

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: P856238

Luminaire Tested: **FFX-CLB-80-722-U-PG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856238
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-80-722-U-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

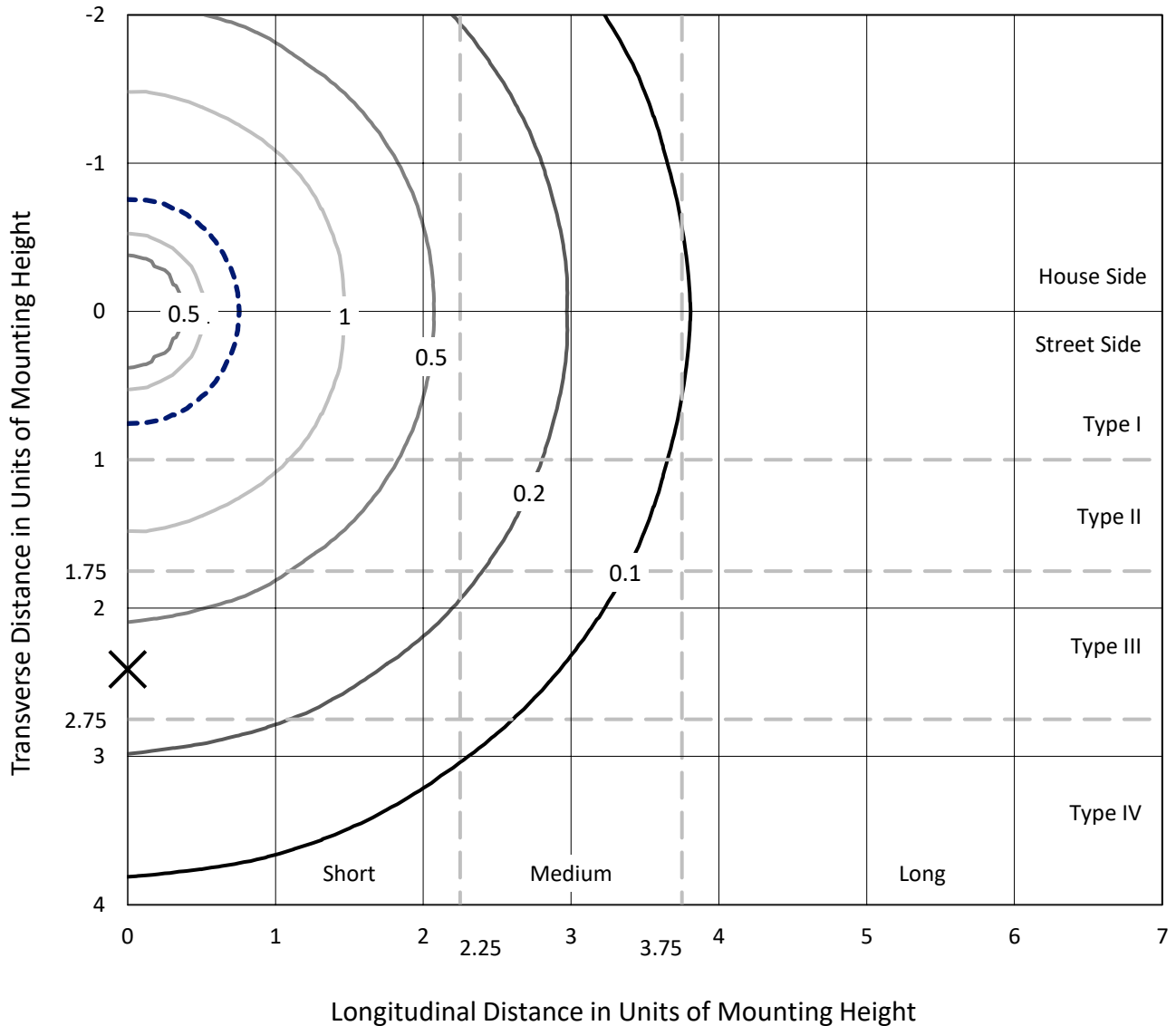
Lumens per Lamp: N/A
Luminaire Lumens: 11173.2 lumens
Efficiency: N/A
Efficacy: 138.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G4

Input Watts (W): 80.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 6.1%%
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

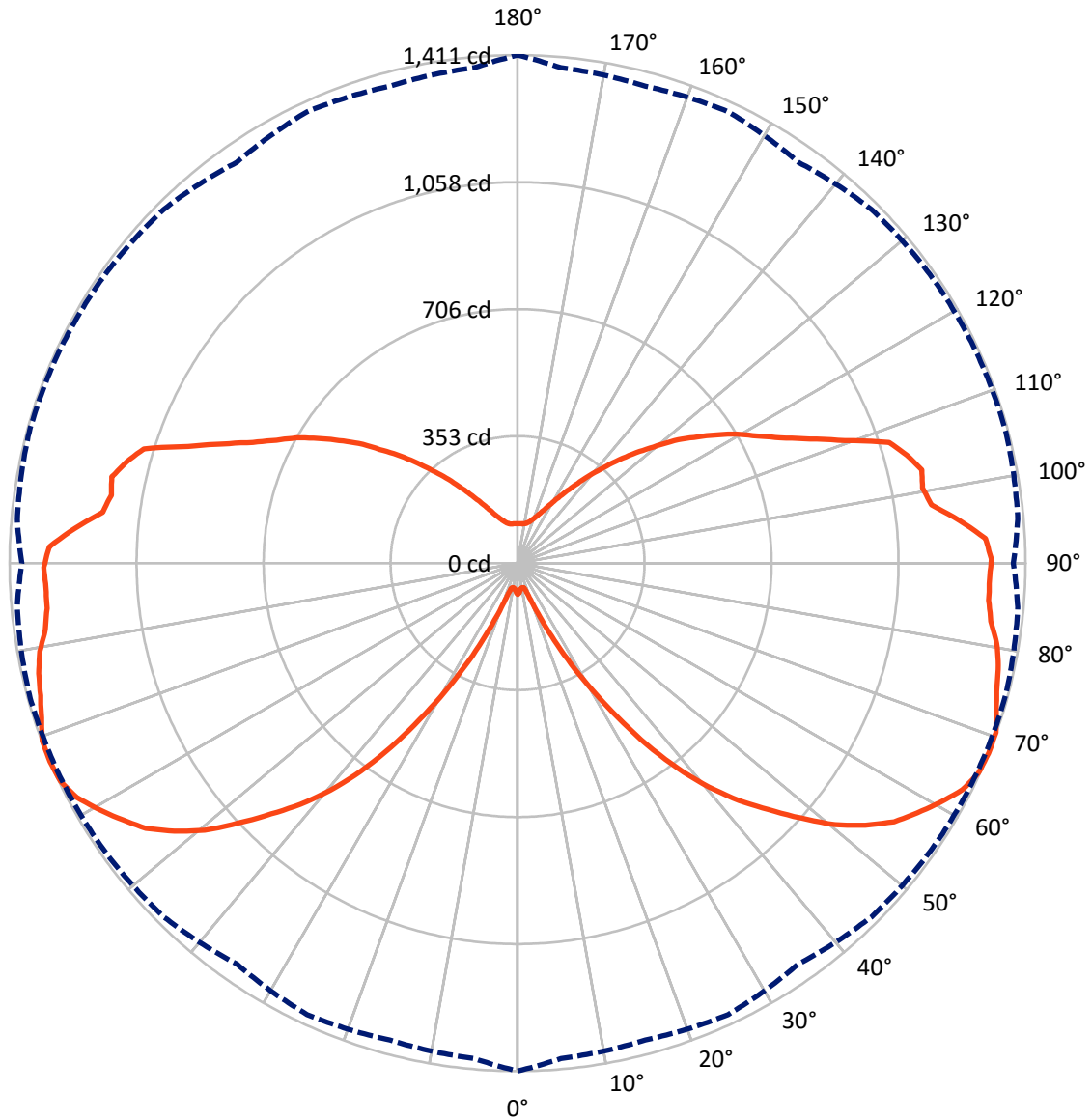
× Max cd
 - - - 1/2 Max cd



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



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

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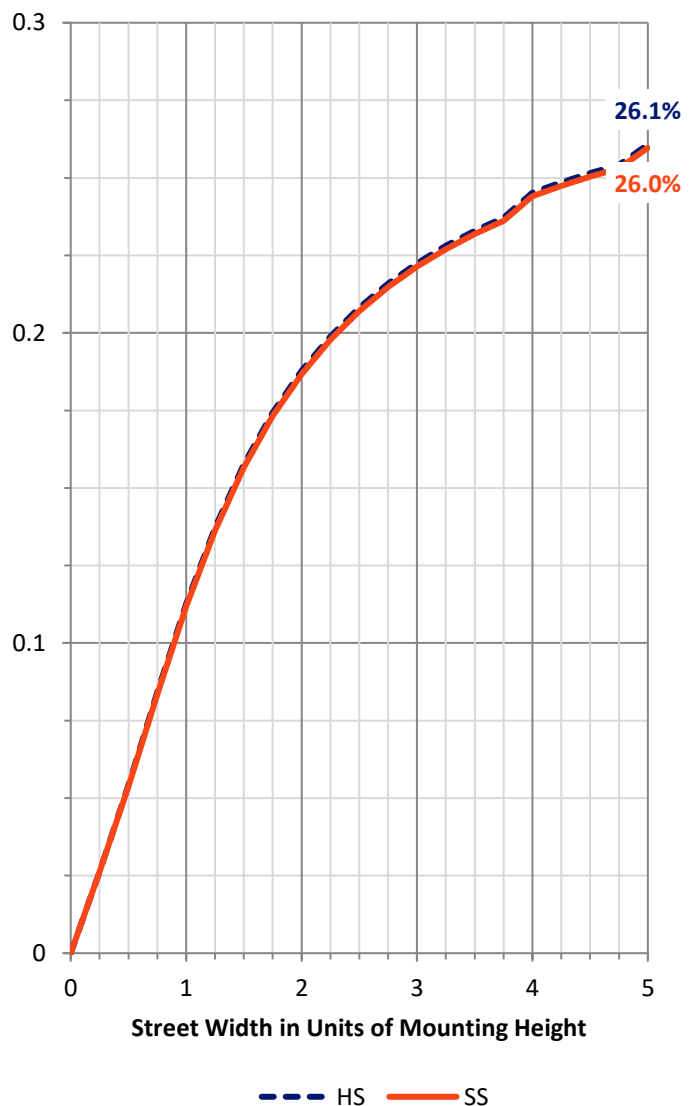
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3333.2	2253.4	5586.6
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	3333.2	2253.4	5586.6
	% Fixture	29.8	20.2	50.0
Total	Lumens	6666.4	4506.8	11173.2
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.2	0.1
10°-20°	23.9	0.2
20°-30°	119.3	1.1
30°-40°	392.1	3.5
40°-50°	758.3	6.8
50°-60°	1122.1	10.0
60°-70°	1364.2	12.2
70°-80°	1440.2	12.9
80°-90°	1439.1	12.9
90°-100°	1346.2	12.0
100°-110°	1197.6	10.7
110°-120°	819.2	7.3
120°-130°	550.2	4.9
130°-140°	319.5	2.9
140°-150°	157.3	1.4
150°-160°	72.7	0.7
160°-170°	33.6	0.3
170°-180°	10.5	0.1
0°-90°	6666.4	59.7
0°-180°	11173.2	100.0

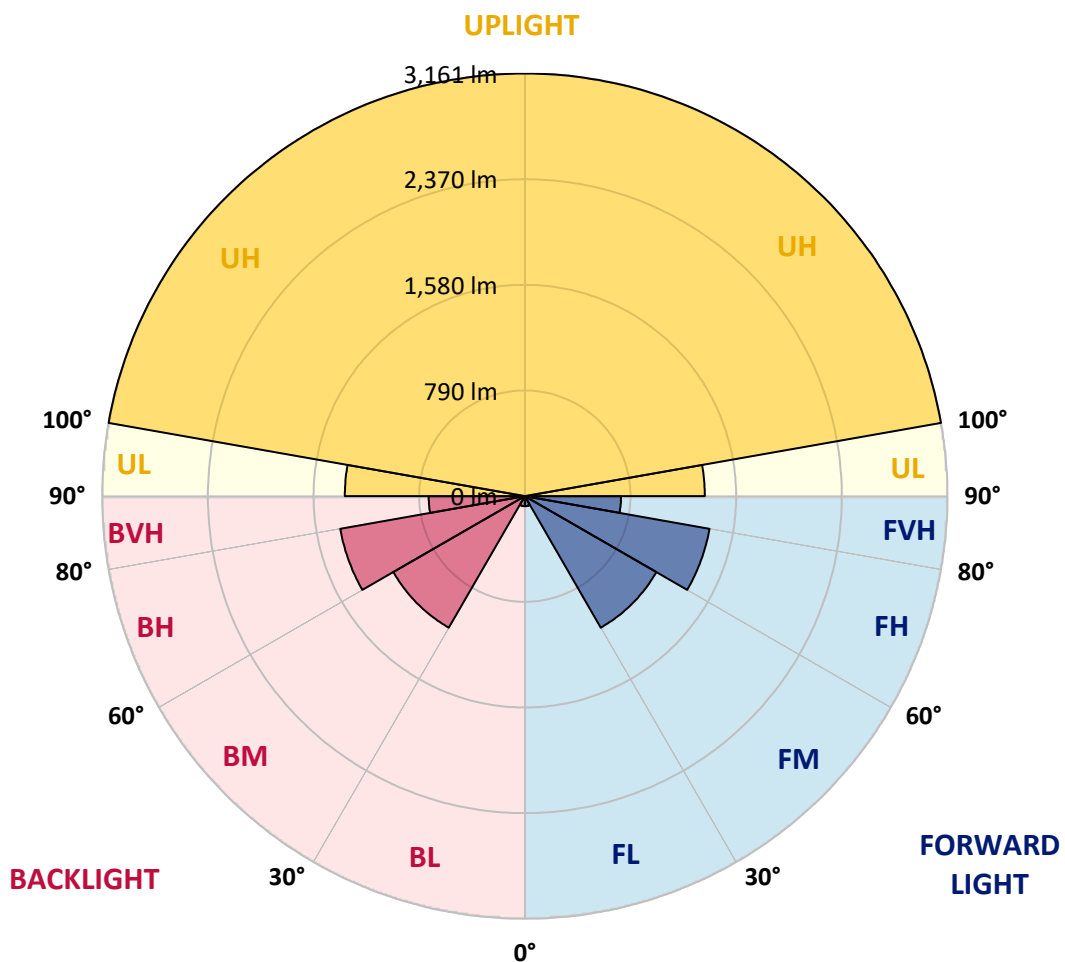


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	75.2	0.7			
FM (30°-60°)	1136.2	10.2			
FH (60°-80°)	1402.2	12.5			G1/1800
FVH (80°-90°)	719.5	6.4			G4/750
BL (0°-30°)	75.2	0.7	B0/110		
BM (30°-60°)	1136.2	10.2	B2/2500		
BH (60°-80°)	1402.2	12.5	B3/2500		G1/1800
BVH (80°-90°)	719.5	6.4			G4/750
UL (90°-100°)	1346.2	12.0		U5	
UH (100°-180°)	3160.5	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°	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2.5°	83.2	82.5	81.8	81.1	81.8	82.5	83.9	84.6	84.6	84.6	84.6
5°	75.4	76.1	76.8	77.5	77.5	77.5	77.5	78.2	78.9	78.9	78.9
7.5°	71.2	71.2	71.9	74.0	74.7	74.0	74.0	74.7	72.6	70.5	69.8
10°	69.1	69.1	69.8	70.5	71.2	72.6	73.3	73.3	73.3	73.3	72.6
12.5°	69.8	69.1	69.8	70.5	71.9	72.6	71.2	71.2	72.6	74.0	74.7
15°	73.3	72.6	72.6	74.0	74.7	74.7	73.3	73.3	74.0	75.4	75.4
17.5°	88.8	87.4	86.7	87.4	86.7	87.4	86.7	88.1	88.1	87.4	86.7
20°	121.2	119.8	117.7	117.0	117.7	119.8	120.5	122.6	120.5	119.8	117.0
22.5°	172.0	169.9	168.4	168.4	170.6	172.0	171.3	174.1	172.7	172.0	169.2
25°	236.8	235.4	236.1	239.6	243.2	241.0	235.4	239.6	239.6	238.9	238.2
27.5°	317.9	312.9	315.0	324.2	327.0	321.4	315.0	320.0	322.1	322.8	322.8
30°	410.2	406.7	406.0	415.8	419.4	414.4	410.2	415.8	415.8	417.9	417.9
32.5°	510.3	508.2	504.6	510.3	515.9	514.5	514.5	518.7	517.3	519.4	520.1
35°	620.2	616.0	608.9	609.7	616.0	616.7	621.6	624.5	623.0	622.3	622.3
37.5°	723.8	718.2	711.8	708.3	716.1	715.4	726.6	726.6	723.8	724.5	724.5
40°	817.6	814.0	809.1	799.2	814.0	811.2	824.6	824.6	816.9	819.0	817.6
42.5°	901.4	901.4	895.8	881.0	896.5	893.7	911.3	911.3	900.7	900.0	897.9
45°	976.9	980.4	977.6	964.2	969.8	971.9	988.8	985.3	976.9	976.9	973.3
47.5°	1057.9	1061.4	1051.6	1037.5	1043.8	1047.3	1062.8	1061.4	1056.5	1050.2	1050.2
50°	1142.5	1143.2	1123.5	1106.5	1112.2	1130.5	1141.8	1144.6	1134.0	1119.2	1118.5
52.5°	1209.4	1213.7	1194.6	1176.3	1180.5	1201.7	1214.4	1215.1	1201.7	1180.5	1186.9
55°	1268.6	1272.9	1253.8	1237.6	1246.1	1257.4	1272.2	1263.7	1264.4	1241.9	1252.4
57.5°	1308.8	1322.9	1291.2	1287.7	1295.4	1308.8	1315.2	1313.0	1317.3	1296.1	1299.7
60°	1349.0	1355.3	1328.5	1333.5	1324.3	1348.3	1353.2	1358.2	1346.9	1332.1	1332.1
62.5°	1387.0	1371.5	1352.5	1364.5	1339.8	1370.1	1375.8	1381.4	1369.4	1355.3	1358.2
65°	1406.8	1378.6	1362.4	1377.2	1353.2	1380.7	1389.9	1392.0	1389.9	1376.5	1370.1
67.5°	1411.0	1381.4	1371.5	1383.5	1359.6	1389.9	1398.3	1402.6	1404.7	1394.8	1377.2
70°	1409.6	1377.9	1369.4	1380.7	1365.2	1393.4	1394.1	1400.4	1403.3	1407.5	1387.8
72.5°	1390.6	1363.1	1361.0	1370.8	1356.7	1375.1	1375.8	1383.5	1379.3	1392.7	1382.8
75°	1375.1	1356.7	1360.3	1358.2	1344.1	1354.6	1357.4	1366.6	1351.1	1363.8	1372.2
77.5°	1365.2	1355.3	1363.8	1352.5	1337.7	1344.8	1349.0	1359.6	1336.3	1346.9	1371.5
80°	1349.7	1346.9	1357.4	1340.5	1327.8	1334.2	1341.2	1350.4	1325.0	1332.1	1367.3
82.5°	1324.3	1326.4	1336.3	1316.6	1308.1	1315.2	1323.6	1337.7	1311.6	1315.9	1353.2
85°	1313.0	1322.2	1327.1	1307.4	1297.5	1301.8	1310.9	1325.7	1298.2	1304.6	1342.6
87.5°	1311.6	1322.9	1326.4	1309.5	1301.1	1307.4	1311.6	1332.8	1303.2	1310.9	1349.7
90°	1315.9	1320.1	1322.2	1307.4	1300.4	1310.2	1310.9	1337.0	1307.4	1309.5	1344.1
92.5°	1301.8	1302.5	1306.7	1293.3	1292.6	1299.7	1298.2	1320.1	1287.7	1282.7	1312.3
95°	1233.4	1227.8	1236.9	1229.9	1244.7	1255.2	1267.2	1294.7	1278.5	1282.7	1308.1
97.5°	1160.8	1162.2	1165.0	1153.8	1151.6	1155.9	1160.8	1174.9	1170.0	1174.2	1198.2
100°	1143.9	1148.8	1148.1	1142.5	1119.2	1114.3	1103.7	1088.9	1069.2	1072.0	1075.5
102.5°	1152.3	1165.7	1167.9	1175.6	1175.6	1172.1	1179.8	1173.5	1177.0	1197.5	1186.2
105°	1122.0	1137.5	1147.4	1155.9	1172.1	1185.5	1221.4	1243.3	1260.9	1285.6	1282.0
107.5°	1085.4	1093.1	1100.2	1100.2	1096.0	1093.9	1113.6	1117.1	1112.2	1118.5	1119.2
110°	971.2	970.5	977.6	974.7	976.9	965.6	971.2	990.2	986.0	998.7	1000.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	882.4	882.4	887.3	880.3	881.0	871.8	875.4	888.0	888.8	899.3	905.0
115°	807.7	806.3	813.3	807.7	801.4	799.2	802.8	810.5	812.6	819.7	831.0
117.5°	752.0	745.0	750.6	751.3	754.1	748.5	757.0	761.9	764.7	770.3	779.5
120°	706.2	699.2	701.3	708.3	716.8	704.8	714.0	718.2	720.3	722.4	726.6
122.5°	654.1	649.1	647.0	661.1	666.0	655.5	660.4	666.7	670.3	673.8	677.3
125°	601.2	597.0	594.9	607.5	612.5	604.0	611.1	620.2	618.8	626.6	619.5
127.5°	553.3	551.9	549.0	555.4	558.9	558.2	564.5	575.8	570.9	577.9	570.2
130°	496.2	501.8	497.6	505.3	506.0	511.7	513.8	524.4	519.4	520.8	515.9
132.5°	449.7	451.8	449.7	452.5	454.6	454.6	460.2	471.5	463.8	463.1	458.8
135°	402.4	403.1	400.3	404.6	406.0	402.4	408.1	416.5	412.3	410.2	410.2
137.5°	355.9	355.2	355.9	357.3	358.7	358.0	360.9	367.2	365.8	363.0	366.5
140°	316.5	314.3	315.0	315.8	315.0	315.0	317.9	323.5	323.5	320.0	323.5
142.5°	277.0	276.3	276.3	276.3	276.3	277.7	280.5	281.9	283.3	280.5	279.8
145°	243.9	243.2	242.5	242.5	242.5	243.2	246.0	245.3	248.1	245.3	243.2
147.5°	214.3	215.0	213.6	212.8	212.1	214.3	215.0	216.4	217.8	216.4	214.3
150°	190.3	189.6	189.6	188.2	188.2	190.3	189.6	191.0	192.4	191.7	191.0
152.5°	169.2	169.2	169.2	167.7	168.4	169.9	169.9	169.9	171.3	171.3	170.6
155°	152.2	152.2	152.2	151.5	151.5	152.9	152.9	152.9	153.6	153.6	153.6
157.5°	139.6	139.6	138.8	138.8	138.8	139.6	138.8	138.8	139.6	139.6	139.6
160°	129.7	129.7	129.0	129.0	128.3	129.0	128.3	128.3	129.0	129.0	129.0
162.5°	121.9	121.9	121.2	121.2	121.2	121.2	121.2	120.5	120.5	121.2	120.5
165°	116.3	116.3	116.3	116.3	116.3	116.3	116.3	115.6	115.6	115.6	115.6
167.5°	112.8	112.8	112.8	112.8	112.8	112.8	112.8	112.8	112.8	112.8	112.8
170°	110.7	110.7	110.7	111.4	111.4	111.4	110.7	110.7	111.4	111.4	110.7
172.5°	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9
175°	109.9	109.9	109.9	109.9	109.9	109.9	109.2	109.9	109.9	109.9	109.9
177.5°	109.9	109.2	109.2	109.9	109.9	109.2	109.2	109.2	109.2	109.2	109.2
180°	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9

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



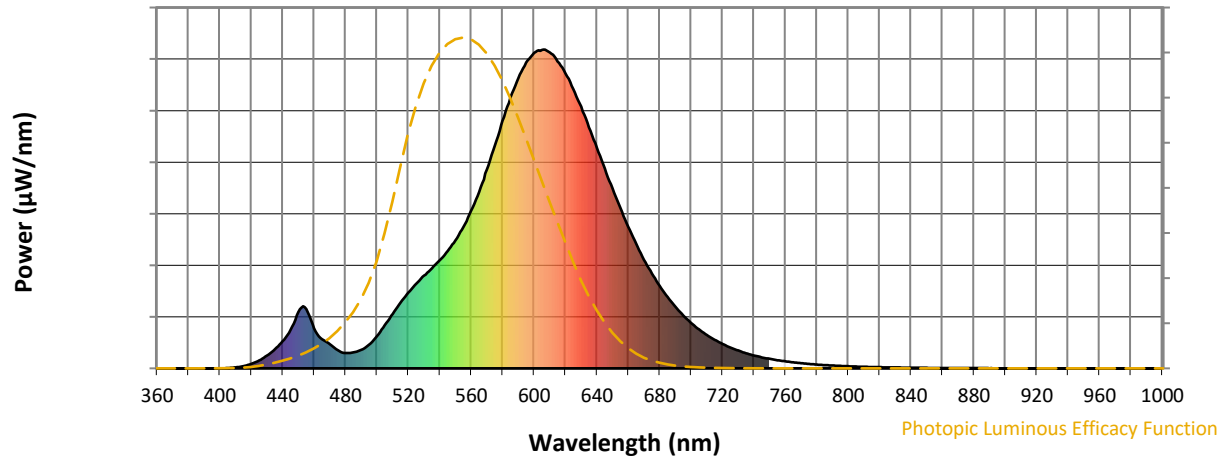
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 4-step quadrangle

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Photopic Flux vs. Wavelength

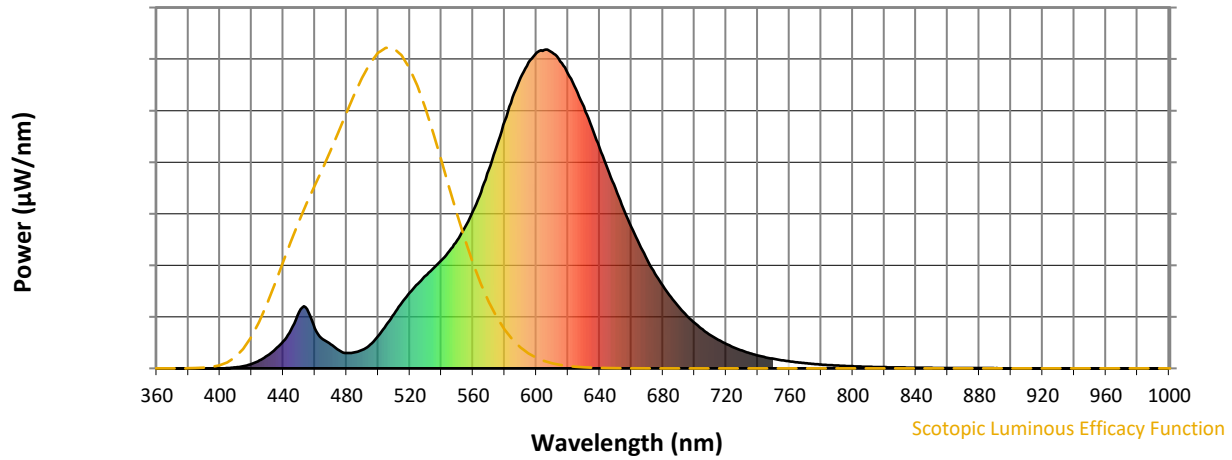


Photopic Lumens: NR

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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Summary

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



Color Vector Graphics

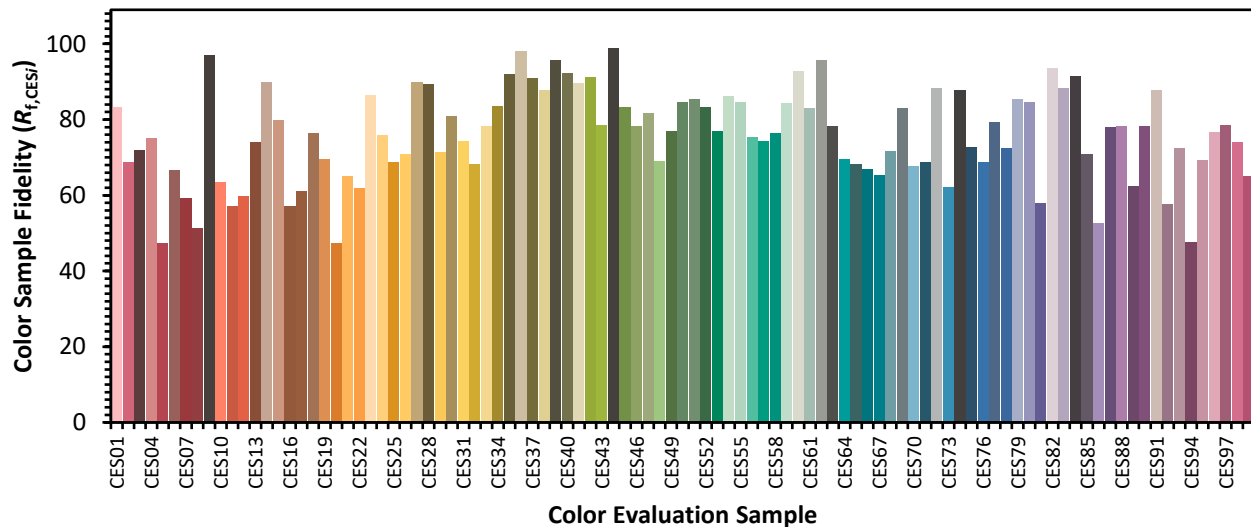


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Individual Sample Fidelity Index ($R_{f,i}$)

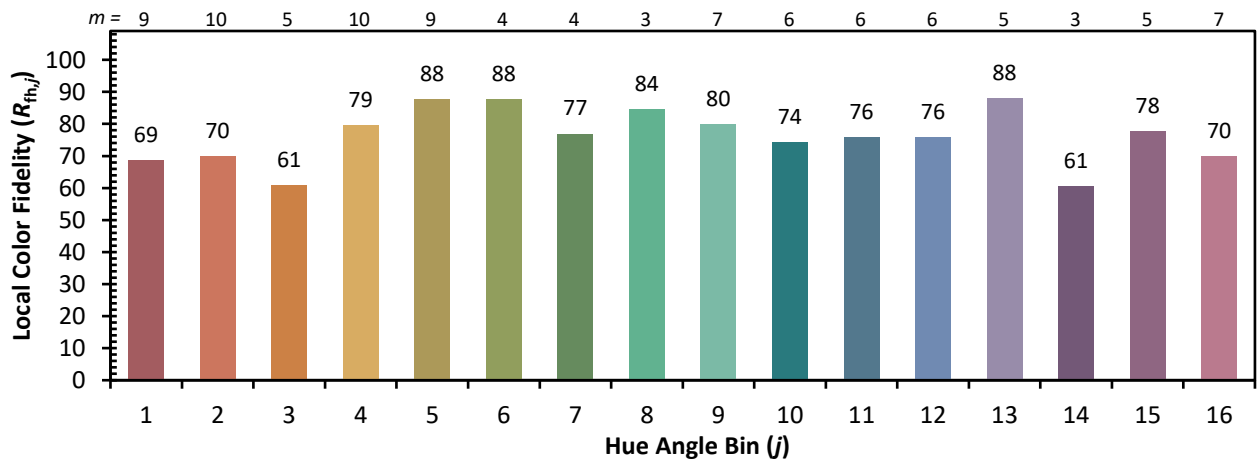
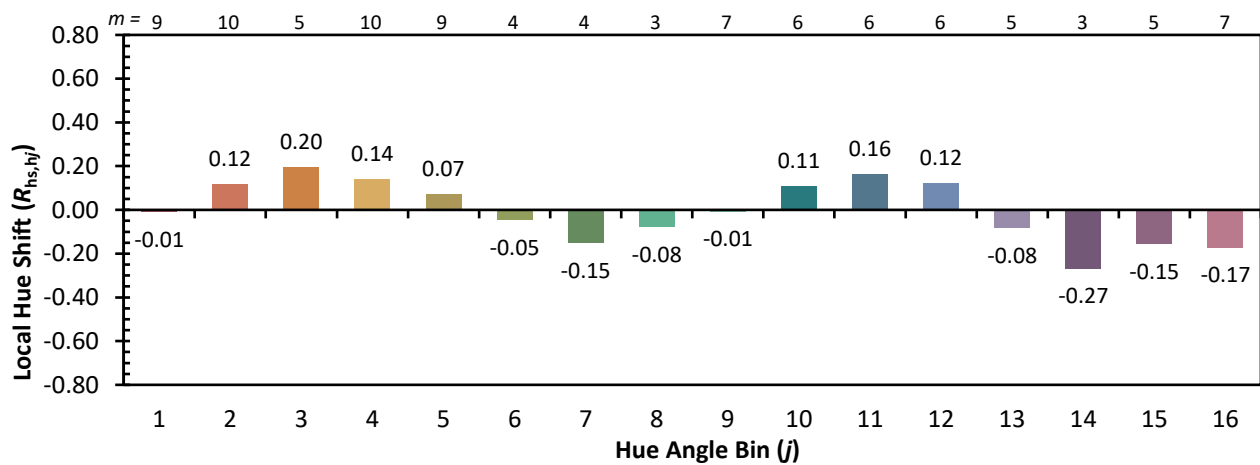
CES01 = 87	CES26 = 71	CES51 = 85	CES76 = 69
CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82 = 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)