

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: P856236

Luminaire Tested: **FFX-CLB-100-722-U-PG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856236
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-100-722-U-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

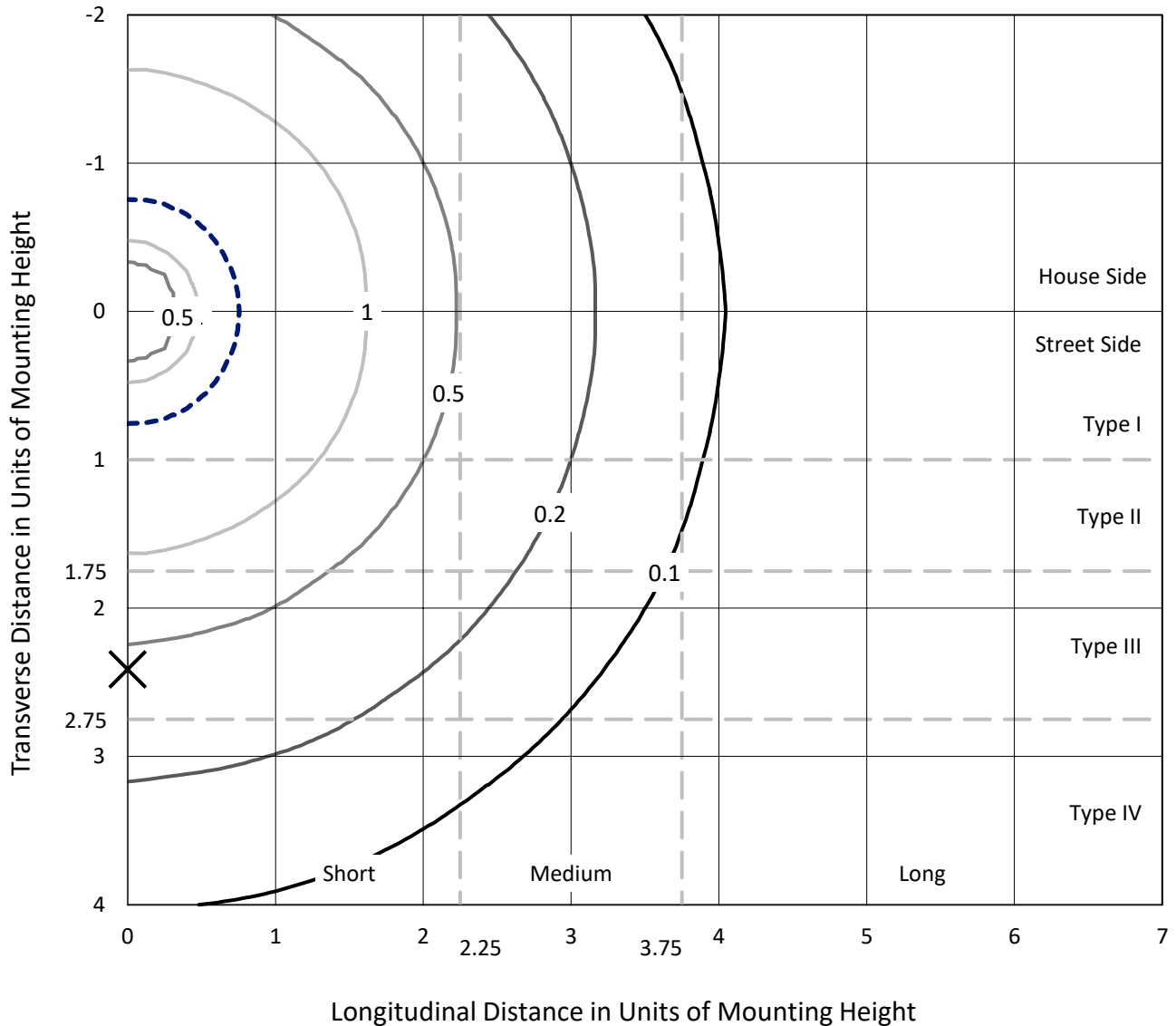
Lumens per Lamp: N/A
Luminaire Lumens: 13253 lumens
Efficiency: N/A
Efficacy: 137.5 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G5

Input Watts (W): 96.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.2%%
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

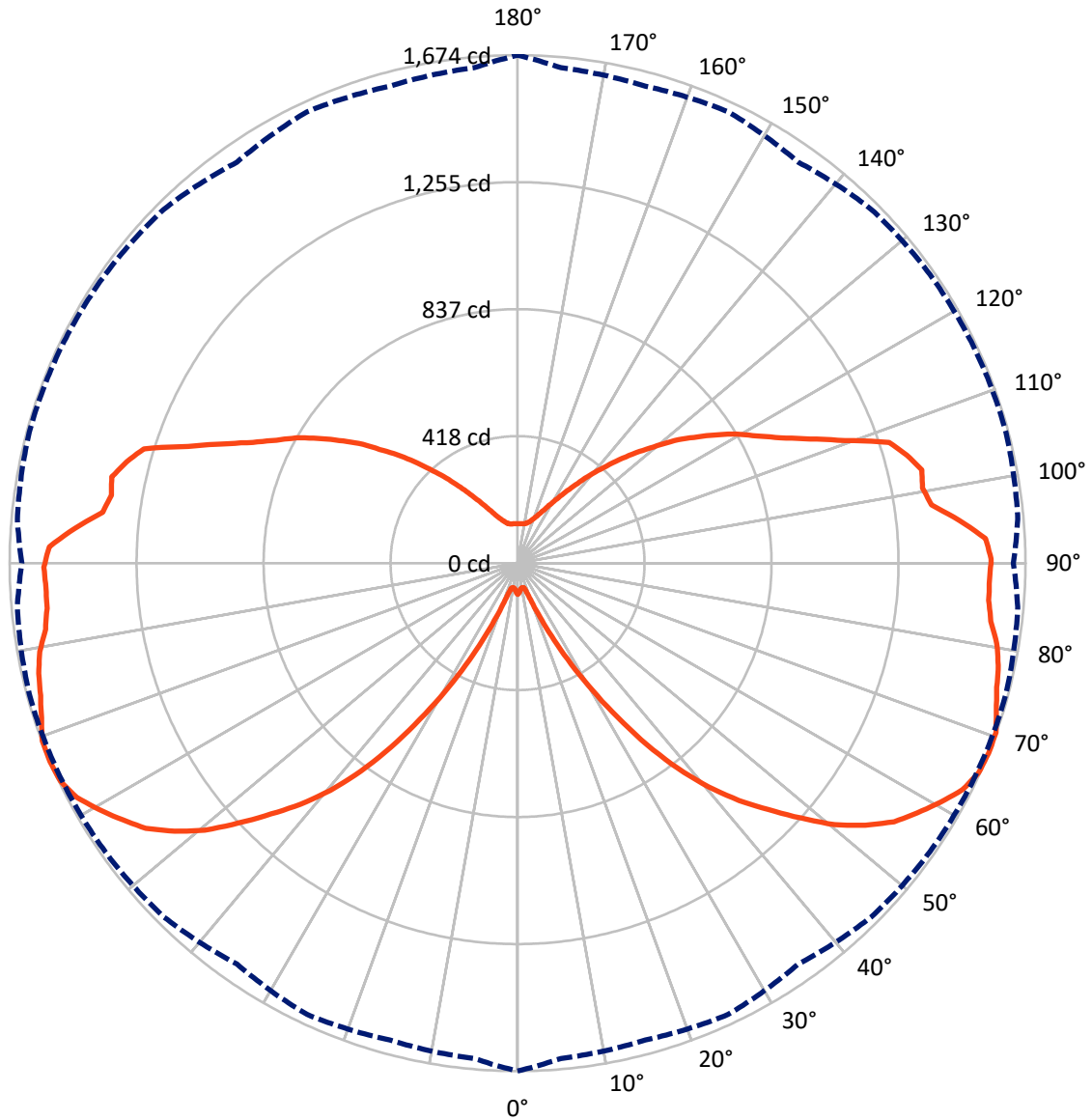
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 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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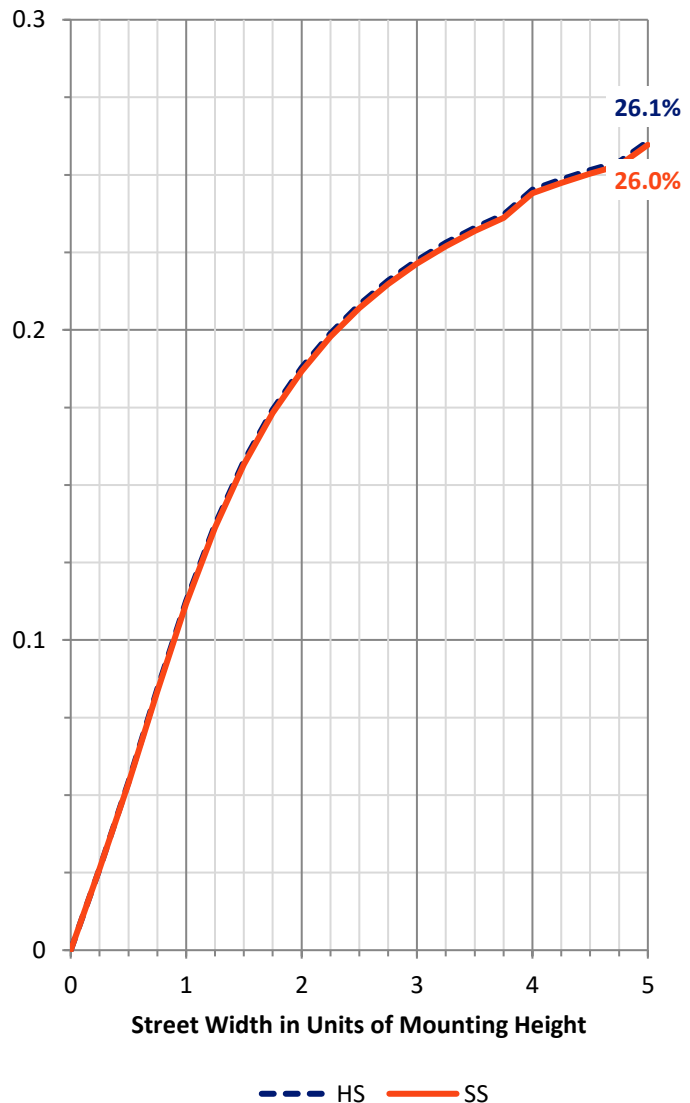
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3953.7	2672.8	6626.5
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	3953.7	2672.8	6626.5
	% Fixture	29.8	20.2	50.0
Total	Lumens	7907.3	5345.7	13253.0
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.1
10°-20°	28.3	0.2
20°-30°	141.5	1.1
30°-40°	465.1	3.5
40°-50°	899.5	6.8
50°-60°	1331.0	10.0
60°-70°	1618.2	12.2
70°-80°	1708.3	12.9
80°-90°	1707.0	12.9
90°-100°	1596.8	12.0
100°-110°	1420.6	10.7
110°-120°	971.7	7.3
120°-130°	652.6	4.9
130°-140°	379.0	2.9
140°-150°	186.6	1.4
150°-160°	86.2	0.7
160°-170°	39.8	0.3
170°-180°	12.5	0.1
0°-90°	7907.3	59.7
0°-180°	13253.0	100.0



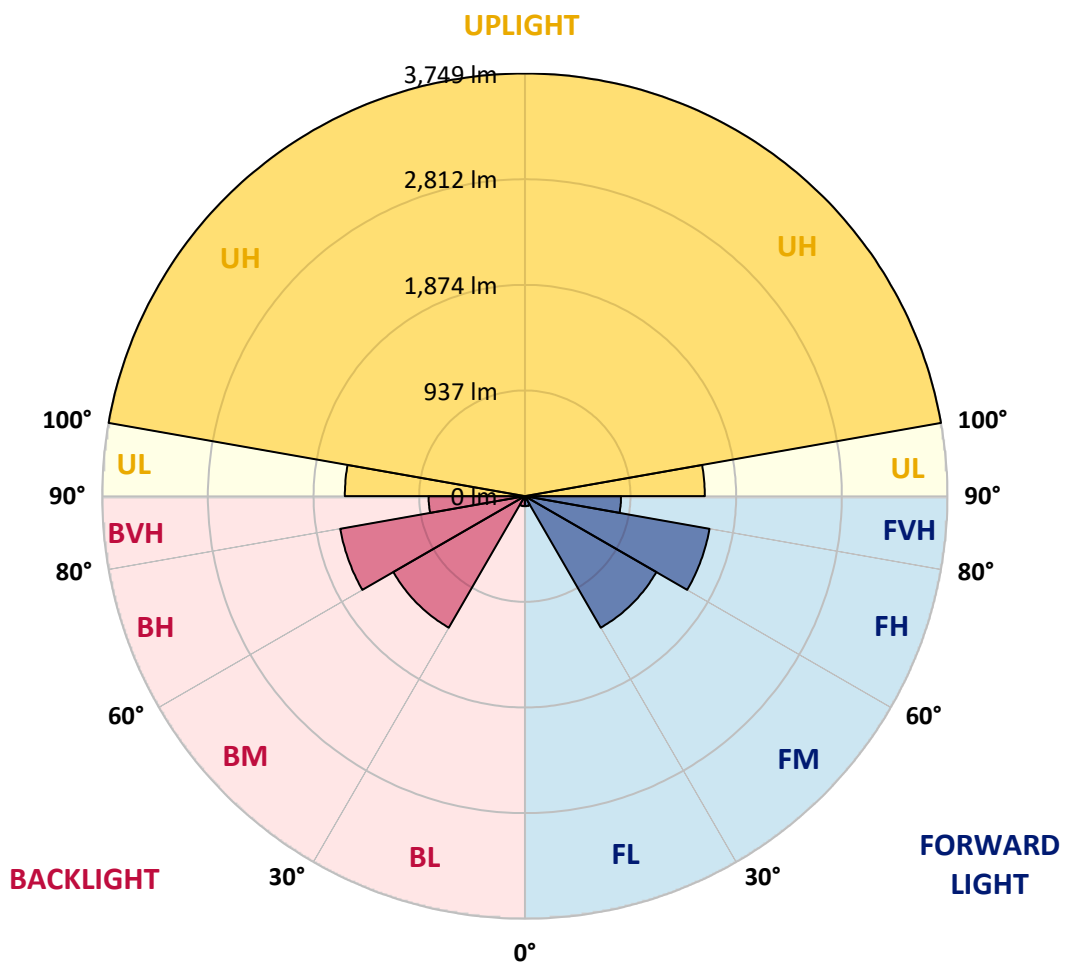
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	89.2	0.7			
FM (30°-60°)	1347.7	10.2			
FH (60°-80°)	1663.2	12.5			G1/1800
FVH (80°-90°)	853.5	6.4			G5
BL (0°-30°)	89.2	0.7	B0/110		
BM (30°-60°)	1347.7	10.2	B2/2500		
BH (60°-80°)	1663.2	12.5	B3/2500		G1/1800
BVH (80°-90°)	853.5	6.4			G5
UL (90°-100°)	1596.8	12.0		U5	
UH (100°-180°)	3748.8	28.3		U5	

BUG Rating: B3-U5-G5

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8
2.5°	98.6	97.8	97.0	96.1	97.0	97.8	99.5	100.3	100.3	100.3	100.3
5°	89.5	90.3	91.1	92.0	92.0	92.0	92.0	92.8	93.6	93.6	93.6
7.5°	84.4	84.4	85.3	87.8	88.6	87.8	87.8	88.6	86.1	83.6	82.8
10°	81.9	81.9	82.8	83.6	84.4	86.1	86.9	86.9	86.9	86.9	86.1
12.5°	82.8	81.9	82.8	83.6	85.3	86.1	84.4	84.4	86.1	87.8	88.6
15°	86.9	86.1	86.1	87.8	88.6	88.6	86.9	86.9	87.8	89.5	89.5
17.5°	105.3	103.7	102.8	103.7	102.8	103.7	102.8	104.5	104.5	103.7	102.8
20°	143.8	142.1	139.6	138.8	139.6	142.1	143.0	145.5	143.0	142.1	138.8
22.5°	204.0	201.5	199.8	199.8	202.3	204.0	203.1	206.5	204.8	204.0	200.6
25°	280.9	279.2	280.1	284.2	288.4	285.9	279.2	284.2	284.2	283.4	282.6
27.5°	377.0	371.2	373.7	384.6	387.9	381.2	373.7	379.5	382.0	382.9	382.9
30°	486.5	482.4	481.5	493.2	497.4	491.6	486.5	493.2	493.2	495.7	495.7
32.5°	605.3	602.7	598.6	605.3	611.9	610.3	610.3	615.3	613.6	616.1	617.0
35°	735.7	730.7	722.3	723.1	730.7	731.5	737.3	740.7	739.0	738.2	738.2
37.5°	858.6	851.9	844.4	840.2	849.4	848.5	861.9	861.9	858.6	859.4	859.4
40°	969.7	965.6	959.7	948.0	965.6	962.2	978.1	978.1	968.9	971.4	969.7
42.5°	1069.2	1069.2	1062.5	1045.0	1063.4	1060.0	1080.9	1080.9	1068.4	1067.6	1065.1
45°	1158.7	1162.9	1159.5	1143.6	1150.3	1152.8	1172.9	1168.7	1158.7	1158.7	1154.5
47.5°	1254.8	1259.0	1247.3	1230.6	1238.1	1242.3	1260.7	1259.0	1253.1	1245.6	1245.6
50°	1355.1	1356.0	1332.6	1312.5	1319.2	1340.9	1354.3	1357.6	1345.1	1327.6	1326.7
52.5°	1434.6	1439.6	1417.0	1395.3	1400.3	1425.4	1440.4	1441.2	1425.4	1400.3	1407.8
55°	1504.8	1509.8	1487.2	1468.0	1478.0	1491.4	1509.0	1498.9	1499.8	1473.0	1485.6
57.5°	1552.4	1569.2	1531.5	1527.4	1536.6	1552.4	1560.0	1557.4	1562.5	1537.4	1541.6
60°	1600.1	1607.6	1575.8	1581.7	1570.8	1599.2	1605.1	1611.0	1597.6	1580.0	1580.0
62.5°	1645.2	1626.8	1604.3	1618.5	1589.2	1625.2	1631.9	1638.5	1624.3	1607.6	1611.0
65°	1668.6	1635.2	1616.0	1633.5	1605.1	1637.7	1648.6	1651.1	1648.6	1632.7	1625.2
67.5°	1673.7	1638.5	1626.8	1641.0	1612.6	1648.6	1658.6	1663.6	1666.1	1654.4	1633.5
70°	1672.0	1634.4	1624.3	1637.7	1619.3	1652.8	1653.6	1661.1	1664.5	1669.5	1646.1
72.5°	1649.4	1616.8	1614.3	1626.0	1609.3	1631.0	1631.9	1641.0	1636.0	1651.9	1640.2
75°	1631.0	1609.3	1613.5	1611.0	1594.2	1606.8	1610.1	1621.0	1602.6	1617.6	1627.7
77.5°	1619.3	1607.6	1617.6	1604.3	1586.7	1595.1	1600.1	1612.6	1585.0	1597.6	1626.8
80°	1600.9	1597.6	1610.1	1590.1	1575.0	1582.5	1590.9	1601.8	1571.7	1580.0	1621.8
82.5°	1570.8	1573.3	1585.0	1561.6	1551.6	1560.0	1570.0	1586.7	1555.8	1560.8	1605.1
85°	1557.4	1568.3	1574.2	1550.8	1539.1	1544.1	1554.9	1572.5	1539.9	1547.4	1592.6
87.5°	1555.8	1569.2	1573.3	1553.3	1543.2	1550.8	1555.8	1580.9	1545.7	1554.9	1600.9
90°	1560.8	1565.8	1568.3	1550.8	1542.4	1554.1	1554.9	1585.9	1550.8	1553.3	1594.2
92.5°	1544.1	1544.9	1549.9	1534.0	1533.2	1541.6	1539.9	1565.8	1527.4	1521.5	1556.6
95°	1463.0	1456.3	1467.2	1458.8	1476.4	1488.9	1503.1	1535.7	1516.5	1521.5	1551.6
97.5°	1376.9	1378.5	1381.9	1368.5	1366.0	1371.0	1376.9	1393.6	1387.7	1392.8	1421.2
100°	1356.8	1362.7	1361.8	1355.1	1327.6	1321.7	1309.2	1291.6	1268.2	1271.5	1275.7
102.5°	1366.8	1382.7	1385.2	1394.4	1394.4	1390.3	1399.4	1391.9	1396.1	1420.3	1407.0
105°	1330.9	1349.3	1361.0	1371.0	1390.3	1406.1	1448.8	1474.7	1495.6	1524.8	1520.7
107.5°	1287.4	1296.6	1305.0	1305.0	1300.0	1297.5	1320.9	1325.0	1319.2	1326.7	1327.6
110°	1152.0	1151.2	1159.5	1156.2	1158.7	1145.3	1152.0	1174.6	1169.6	1184.6	1187.1



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 CATALOG NUMBER: FFX-CLB-100-722-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1046.7	1046.7	1052.5	1044.2	1045.0	1034.1	1038.3	1053.3	1054.2	1066.7	1073.4
115°	958.0	956.4	964.7	958.0	950.5	948.0	952.2	961.4	963.9	972.3	985.6
117.5°	892.0	883.6	890.3	891.2	894.5	887.8	897.9	903.7	907.0	913.7	924.6
120°	837.7	829.3	831.8	840.2	850.2	836.0	846.9	851.9	854.4	856.9	861.9
122.5°	775.8	769.9	767.4	784.2	790.0	777.5	783.3	790.8	795.0	799.2	803.4
125°	713.1	708.1	705.6	720.6	726.5	716.4	724.8	735.7	734.0	743.2	734.8
127.5°	656.3	654.6	651.2	658.8	662.9	662.1	669.6	683.0	677.2	685.5	676.3
130°	588.5	595.2	590.2	599.4	600.2	606.9	609.4	622.0	616.1	617.8	611.9
132.5°	533.4	535.9	533.4	536.7	539.2	539.2	545.9	559.3	550.1	549.2	544.2
135°	477.4	478.2	474.8	479.9	481.5	477.4	484.0	494.1	489.1	486.5	486.5
137.5°	422.2	421.3	422.2	423.8	425.5	424.7	428.0	435.6	433.9	430.5	434.7
140°	375.4	372.9	373.7	374.5	373.7	373.7	377.0	383.7	383.7	379.5	383.7
142.5°	328.5	327.7	327.7	327.7	327.7	329.4	332.7	334.4	336.1	332.7	331.9
145°	289.3	288.4	287.6	287.6	287.6	288.4	291.8	290.9	294.3	290.9	288.4
147.5°	254.1	255.0	253.3	252.5	251.6	254.1	255.0	256.6	258.3	256.6	254.1
150°	225.7	224.9	224.9	223.2	223.2	225.7	224.9	226.6	228.2	227.4	226.6
152.5°	200.6	200.6	200.6	199.0	199.8	201.5	201.5	201.5	203.1	203.1	202.3
155°	180.6	180.6	180.6	179.7	179.7	181.4	181.4	181.4	182.2	182.2	182.2
157.5°	165.5	165.5	164.7	164.7	164.7	165.5	164.7	164.7	165.5	165.5	165.5
160°	153.8	153.8	153.0	153.0	152.2	153.0	152.2	152.2	153.0	153.0	153.0
162.5°	144.6	144.6	143.8	143.8	143.8	143.8	143.8	143.0	143.0	143.8	143.0
165°	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.1	137.1	137.1	137.1
167.5°	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8
170°	131.3	131.3	131.3	132.1	132.1	132.1	131.3	131.3	132.1	132.1	131.3
172.5°	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4
175°	130.4	130.4	130.4	130.4	130.4	130.4	129.6	130.4	130.4	130.4	130.4
177.5°	130.4	129.6	129.6	130.4	130.4	129.6	129.6	129.6	129.6	129.6	129.6
180°	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4

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.

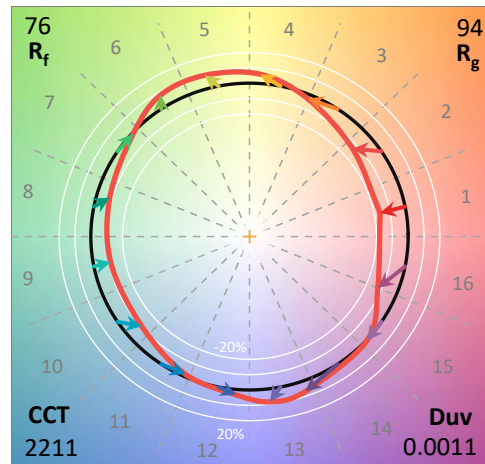
Test Information

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

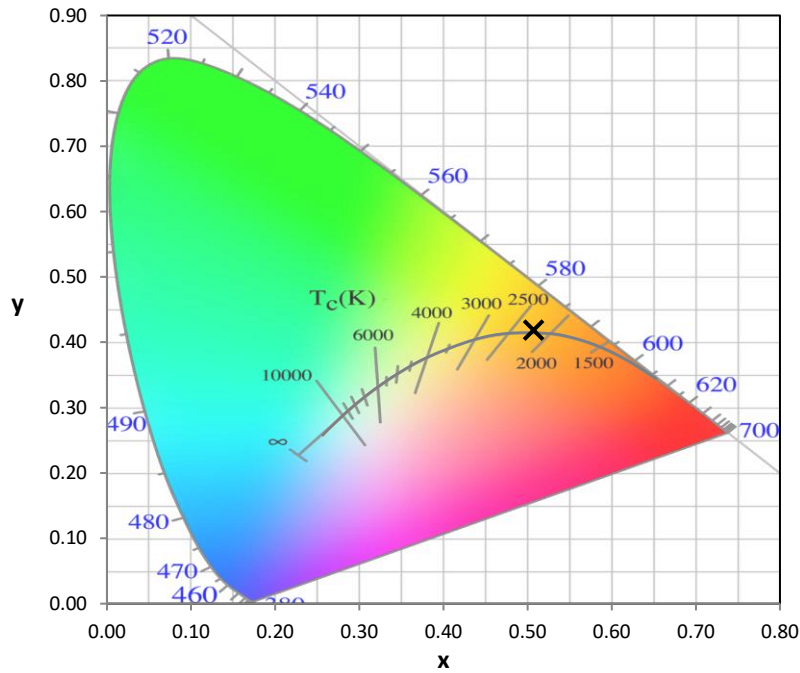
Stabilization Time: 0.813563M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

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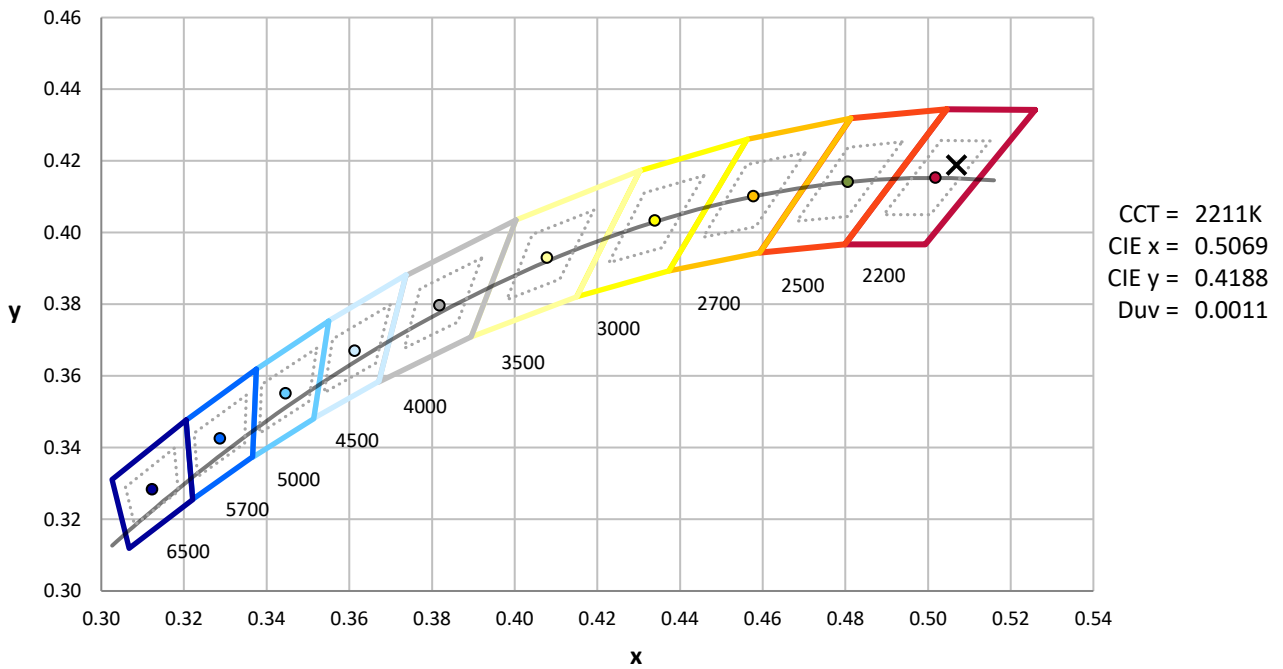
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

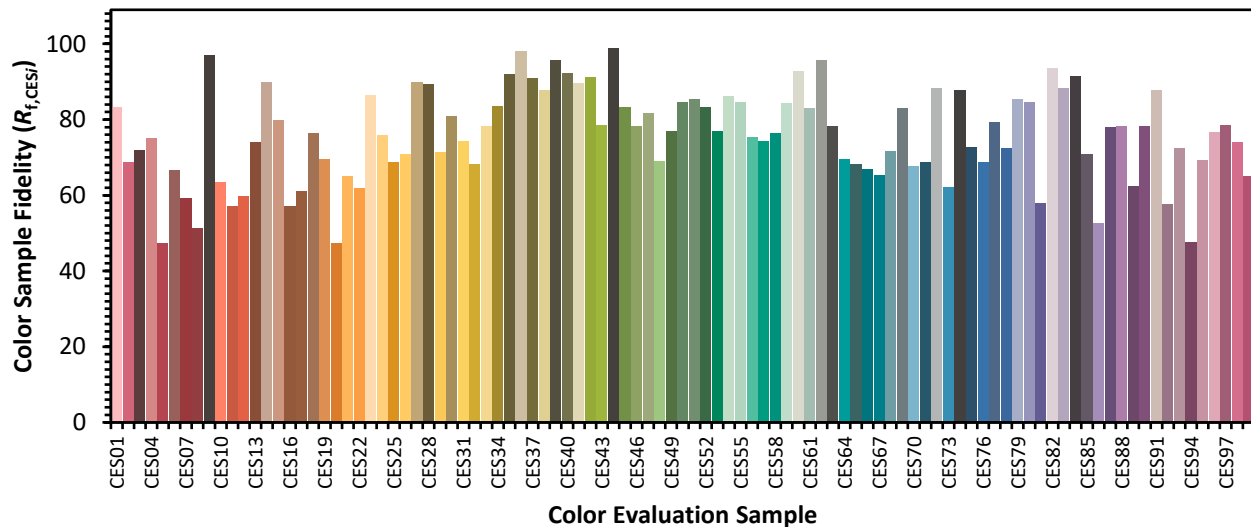


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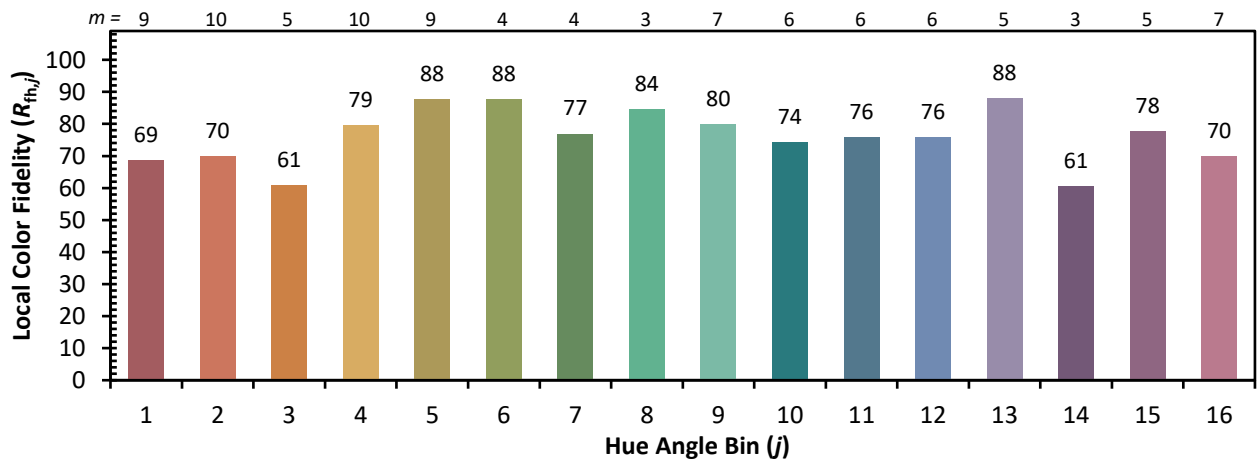
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Individual Sample Fidelity Index ($R_{f,i}$)

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	



Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)