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: P981235

Luminaire Tested: **FFX-CLB-100-727-U-VM8-T5**

Issue Date: 04/15/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P981235
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-100-727-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14709.3 lumens
Efficiency:	N/A
Efficacy:	151.6 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

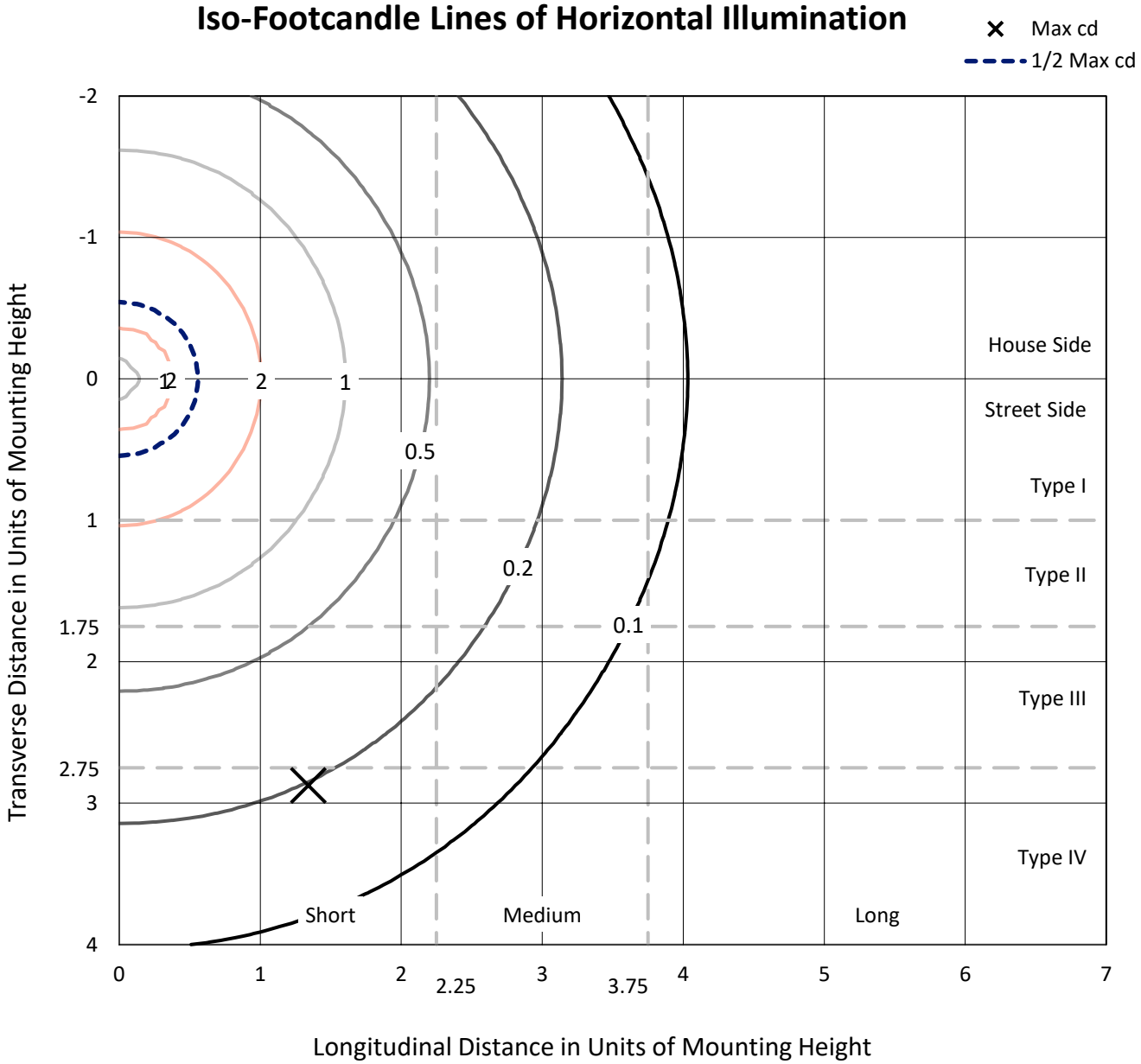
Input Watts (W):	97
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P981235
CATALOG NUMBER: FFX-CLB-100-727-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



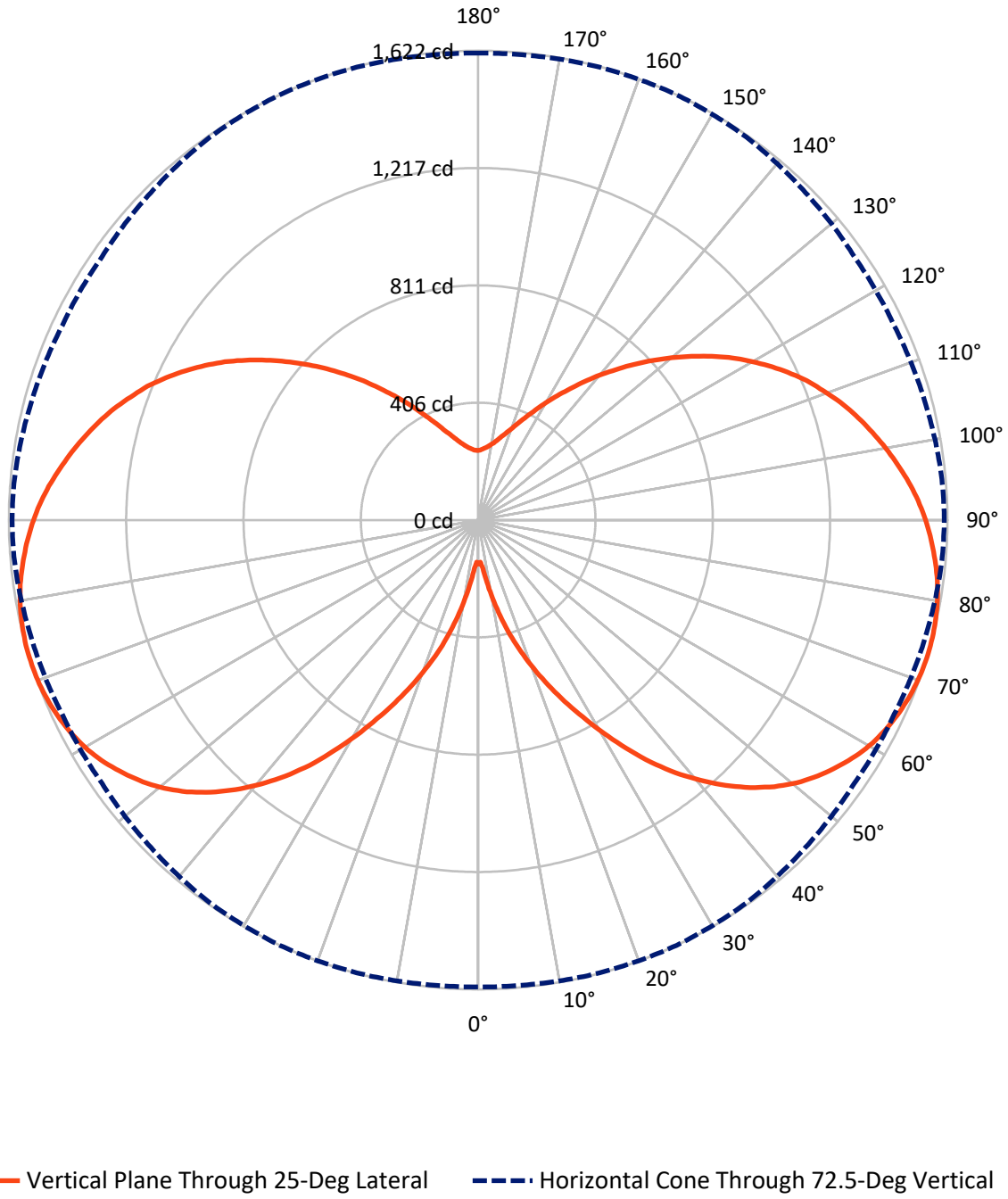
Based on 15 foot mounting height. Maximum calculated value = 2.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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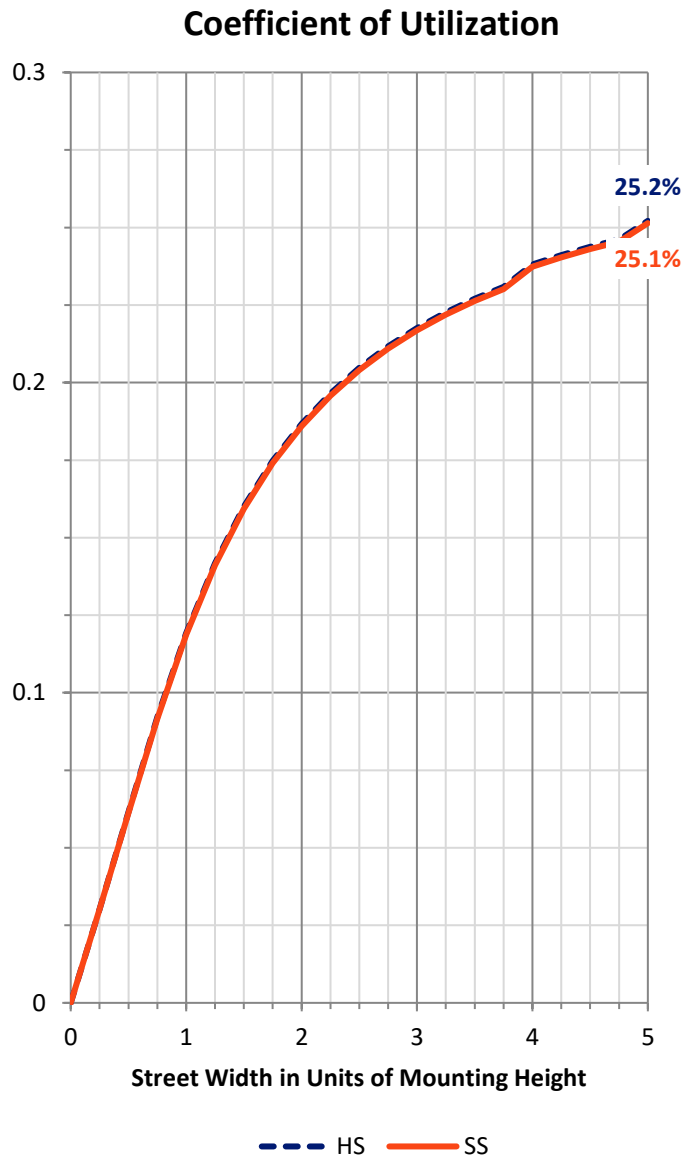
REPORT NUMBER: P981235
CATALOG NUMBER: FFX-CLB-100-727-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4207.8	3146.9	7354.7
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	4207.8	3146.9	7354.7
	% Fixture	28.6	21.4	50.0
Total	Lumens	8415.6	6293.7	14709.3
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.7	0.1
10°-20°	119.7	0.8
20°-30°	323.8	2.2
30°-40°	639.4	4.3
40°-50°	1007.3	6.8
50°-60°	1334.8	9.1
60°-70°	1569.4	10.7
70°-80°	1695.5	11.5
80°-90°	1706.0	11.6
90°-100°	1606.3	10.9
100°-110°	1419.8	9.7
110°-120°	1170.5	8.0
120°-130°	874.9	5.9
130°-140°	584.2	4.0
140°-150°	347.1	2.4
150°-160°	182.7	1.2
160°-170°	84.2	0.6
170°-180°	24.1	0.2
0°-90°	8415.6	57.2
0°-180°	14709.3	100.0



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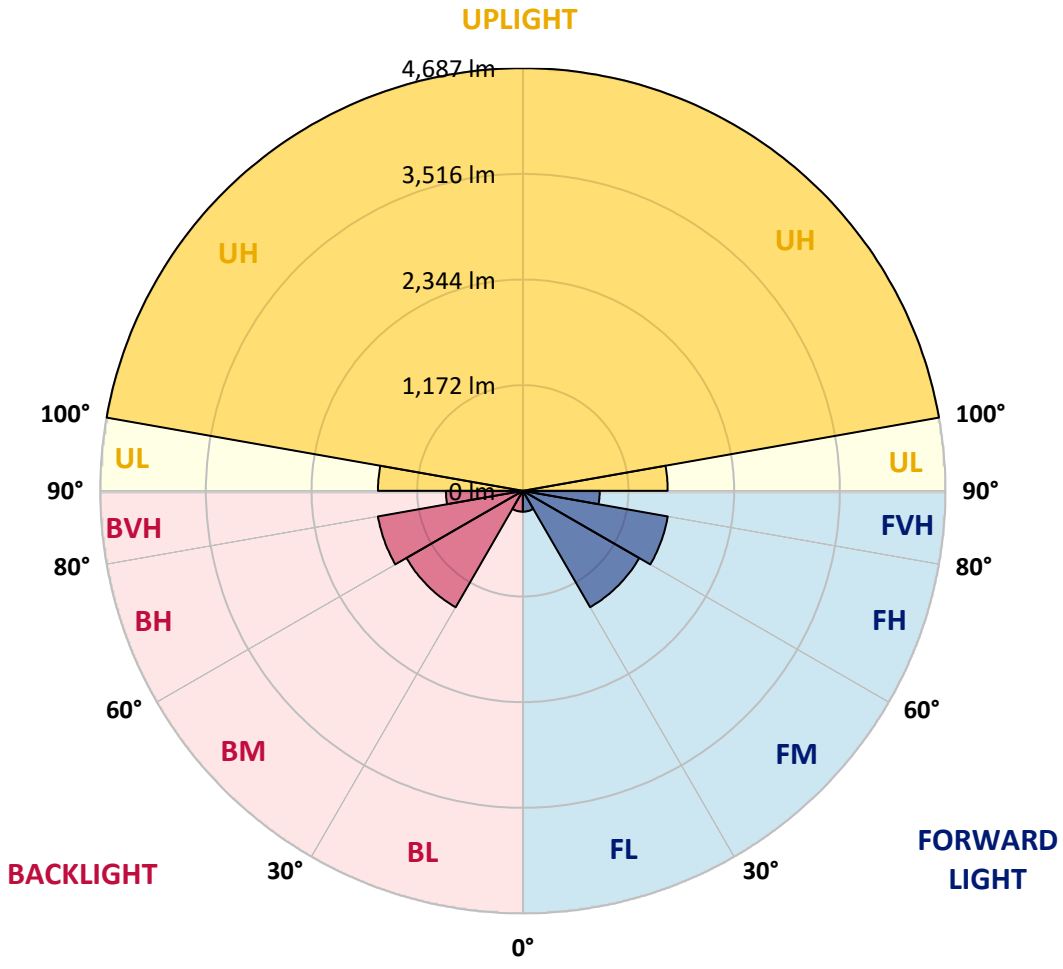
Scaled Data Report

REPORT NUMBER: P981235
CATALOG NUMBER: FFX-CLB-100-727-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	231.6	1.6			
FM	(30°-60°)	1490.7	10.1			
FH	(60°-80°)	1632.5	11.1			G1/1800
FVH	(80°-90°)	853.0	5.8			G5
BL	(0°-30°)	231.6	1.6	B1/500		
BM	(30°-60°)	1490.7	10.1	B2/2500		
BH	(60°-80°)	1632.5	11.1	B3/2500		G1/1800
BVH	(80°-90°)	853.0	5.8			G5
UL	(90°-100°)	1606.3	10.9		U5	
UH	(100°-180°)	4687.4	31.9		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981235
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8	152.8
2.5°	143.6	143.6	144.5	145.4	146.4	147.3	148.2	149.1	150.0	149.1	149.1
5°	165.7	167.5	167.5	167.5	166.6	167.5	169.4	169.4	171.2	170.3	169.4
7.5°	212.6	217.3	217.3	216.3	215.4	216.3	215.4	215.4	215.4	214.5	216.3
10°	277.1	275.2	276.2	275.2	273.4	274.3	275.2	273.4	273.4	273.4	273.4
12.5°	339.7	338.8	341.5	340.6	341.5	338.8	340.6	338.8	338.8	336.0	336.9
15°	413.3	413.3	412.4	409.6	410.6	406.9	408.7	407.8	405.0	405.0	404.1
17.5°	481.4	480.5	481.4	477.8	477.8	476.8	475.0	474.1	474.1	471.3	470.4
20°	549.6	547.7	546.8	546.8	544.0	544.0	542.2	538.5	536.7	537.6	535.8
22.5°	623.2	619.5	619.5	619.5	614.0	612.2	611.2	607.6	607.6	604.8	604.8
25°	696.9	697.8	697.8	694.1	691.3	687.7	685.8	683.0	680.3	679.4	680.3
27.5°	777.9	779.7	776.9	770.5	769.6	765.9	761.3	757.6	758.5	753.9	757.6
30°	866.2	862.6	857.0	855.2	851.5	847.8	844.1	836.8	837.7	835.9	836.8
32.5°	947.2	947.2	945.4	939.9	937.1	928.8	925.2	915.9	916.9	915.9	912.3
35°	1035.6	1032.9	1029.2	1028.3	1019.0	1013.5	1007.1	997.0	998.8	997.9	998.8
37.5°	1110.2	1111.1	1112.9	1108.3	1100.1	1092.7	1085.3	1078.0	1076.1	1077.0	1075.2
40°	1191.2	1190.3	1188.4	1182.9	1176.5	1168.2	1159.0	1154.4	1148.8	1152.5	1151.6
42.5°	1257.5	1260.2	1259.3	1253.8	1245.5	1237.2	1229.9	1222.5	1219.7	1218.8	1218.8
45°	1321.9	1322.8	1320.1	1319.1	1308.1	1300.7	1291.5	1285.1	1283.2	1283.2	1286.0
47.5°	1381.7	1380.8	1379.0	1377.1	1368.9	1357.8	1346.8	1342.2	1341.2	1343.1	1344.0
50°	1429.6	1431.5	1430.5	1427.8	1419.5	1409.4	1397.4	1392.8	1393.7	1395.6	1396.5
52.5°	1472.9	1472.9	1473.8	1470.1	1462.8	1451.7	1440.7	1437.0	1437.0	1439.7	1437.9
55°	1506.0	1507.9	1508.8	1506.0	1501.4	1488.5	1477.5	1471.0	1473.8	1476.6	1477.5
57.5°	1537.3	1539.2	1539.2	1539.2	1531.8	1519.8	1508.8	1503.3	1506.9	1511.5	1512.5
60°	1562.2	1563.1	1565.9	1565.9	1559.4	1545.6	1533.6	1529.0	1533.6	1540.1	1539.2
62.5°	1580.6	1580.6	1584.3	1585.2	1578.7	1564.9	1553.0	1549.3	1554.8	1562.2	1564.9
65°	1596.2	1597.2	1599.9	1600.8	1595.3	1579.7	1566.8	1565.9	1573.2	1580.6	1581.5
67.5°	1604.5	1605.4	1610.0	1611.9	1605.4	1589.8	1577.8	1575.1	1585.2	1594.4	1595.3
70°	1610.0	1611.9	1617.4	1619.2	1612.8	1596.2	1583.3	1582.4	1593.5	1603.6	1604.5
72.5°	1613.7	1614.6	1620.2	1622.0	1615.6	1599.9	1587.0	1587.0	1597.2	1609.1	1611.0
75°	1613.7	1614.6	1619.2	1622.0	1615.6	1599.0	1585.2	1585.2	1599.0	1611.0	1613.7
77.5°	1606.4	1609.1	1614.6	1617.4	1611.0	1594.4	1581.5	1581.5	1595.3	1608.2	1611.0
80°	1599.0	1599.9	1606.4	1610.0	1602.7	1587.0	1573.2	1573.2	1588.0	1601.8	1603.6
82.5°	1587.0	1588.0	1594.4	1598.1	1591.6	1575.1	1561.3	1562.2	1576.0	1589.8	1591.6
85°	1570.5	1572.3	1578.7	1581.5	1576.0	1558.5	1545.6	1546.5	1561.3	1574.1	1576.0
87.5°	1553.0	1553.0	1560.3	1563.1	1557.6	1540.1	1527.2	1527.2	1541.9	1555.7	1556.7
90°	1529.0	1530.9	1537.3	1541.9	1534.6	1519.8	1506.0	1506.0	1519.8	1532.7	1536.4
92.5°	1506.9	1507.9	1514.3	1517.1	1510.6	1495.0	1483.0	1483.0	1496.8	1509.7	1511.5
95°	1480.2	1480.2	1484.8	1488.5	1481.2	1468.3	1457.2	1457.2	1468.3	1479.3	1481.2
97.5°	1451.7	1451.7	1457.2	1456.3	1450.8	1437.0	1427.8	1426.9	1437.9	1447.1	1449.9
100°	1419.5	1421.3	1425.0	1424.1	1419.5	1405.7	1397.4	1397.4	1405.7	1414.0	1415.8
102.5°	1388.2	1388.2	1390.0	1389.1	1382.7	1370.7	1366.1	1365.2	1372.5	1378.1	1379.0
105°	1356.0	1356.0	1354.1	1354.1	1345.8	1336.6	1331.1	1331.1	1337.6	1341.2	1341.2
107.5°	1319.1	1317.3	1319.1	1316.4	1308.1	1298.9	1296.1	1295.2	1298.0	1301.7	1299.8
110°	1281.4	1280.5	1279.6	1274.0	1267.6	1262.1	1257.5	1257.5	1260.2	1261.2	1261.2

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Scaled Data Report

REPORT NUMBER: P981235
CATALOG NUMBER: FFX-CLB-100-727-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1241.8	1240.9	1238.1	*1233.5*	1226.2	1220.7	1217.0	1217.0	1217.9	1217.0	1215.1
115°	1198.6	1196.7	1194.0	*1185.7*	1178.3	1174.6	1172.8	1174.6	1173.7	1170.9	1170.9
117.5°	1151.6	1149.8	1145.2	*1136.0*	1129.5	1126.8	1127.7	1126.8	1124.9	1122.2	1123.1
120°	1099.1	1099.1	1091.8	*1084.4*	1078.9	1078.9	1078.0	1078.0	1075.2	1071.5	1069.7
122.5°	1044.8	1044.8	1038.4	*1031.9*	1025.5	1025.5	1026.4	1025.5	1023.7	1020.0	1018.1
125°	992.4	987.8	982.2	*974.9*	970.3	969.3	972.1	973.0	969.3	964.7	965.7
127.5°	934.4	931.6	926.1	*917.8*	914.1	913.2	915.9	917.8	913.2	910.4	909.5
130°	873.6	871.8	867.2	*860.7*	857.0	858.0	860.7	863.5	858.9	856.1	854.3
132.5°	813.8	813.8	811.0	*804.6*	800.0	803.6	805.5	807.3	802.7	801.8	800.9
135°	759.5	758.5	753.0	*749.3*	745.6	746.6	750.2	749.3	748.4	746.6	744.7
137.5°	703.3	703.3	700.5	*694.1*	694.1	695.0	696.9	696.9	697.8	694.1	695.0
140°	650.8	649.9	648.1	*643.5*	640.7	642.5	644.4	645.3	645.3	641.6	642.5
142.5°	601.1	600.2	594.7	*591.9*	591.9	592.8	593.8	594.7	594.7	592.8	593.8
145°	547.7	549.6	546.8	*544.0*	544.0	544.0	546.8	547.7	548.6	546.8	546.8
147.5°	503.5	505.4	502.6	*500.8*	500.8	500.8	502.6	503.5	501.7	502.6	502.6
150°	462.1	462.1	460.3	*459.4*	458.4	459.4	461.2	462.1	462.1	460.3	460.3
152.5°	422.5	421.6	420.7	*420.7*	420.7	420.7	422.5	422.5	423.5	423.5	421.6
155°	388.5	387.6	387.6	*386.6*	387.6	387.6	387.6	388.5	388.5	389.4	390.3
157.5°	357.2	356.3	357.2	*357.2*	357.2	358.1	358.1	359.0	357.2	358.1	359.0
160°	331.4	332.3	331.4	*330.5*	330.5	331.4	331.4	332.3	332.3	331.4	332.3
162.5°	309.3	309.3	308.4	*309.3*	310.2	309.3	309.3	310.2	310.2	310.2	310.2
165°	291.8	290.9	290.9	*290.9*	290.9	290.9	291.8	291.8	291.8	291.8	292.7
167.5°	276.2	275.2	275.2	*275.2*	276.2	276.2	276.2	277.1	277.1	277.1	276.2
170°	264.2	263.3	263.3	*263.3*	264.2	264.2	264.2	264.2	264.2	264.2	264.2
172.5°	254.1	254.1	254.1	*254.1*	254.1	254.1	254.1	254.1	254.1	255.0	254.1
175°	247.6	247.6	247.6	*247.6*	246.7	246.7	247.6	247.6	247.6	247.6	247.6
177.5°	242.1	242.1	243.0	*242.1*	242.1	242.1	243.0	243.0	243.0	242.1	242.1
180°	240.3	240.3	240.3	*240.3*	240.3	240.3	240.3	240.3	240.3	240.3	240.3

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2501-332-3

Test Date: 03/21/2025

Luminaire Tested: FFX-CLB-100-727-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-727-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

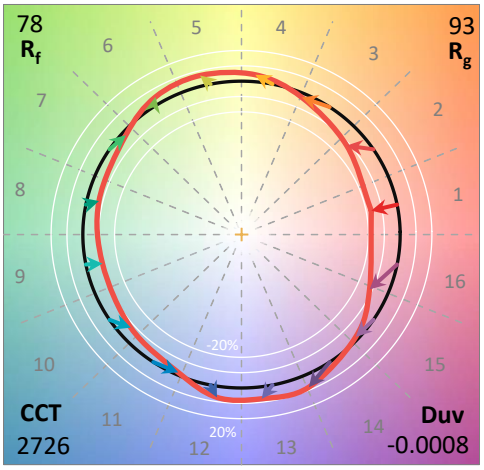
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	03/31/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**FFX-CLB-100-727-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2726	CRI (Ra):	72.7		
CIE u':	0.2616	R1:	69.3	R9:	-32.4
CIE v':	0.5257	R2:	86.2	R10:	70.6
Duv:	-0.0008	R3:	92.5	R11:	63.6
CIE x:	0.4564	R4:	67.2	R12:	64.8
CIE y:	0.4077	R5:	69.7	R13:	72.8
CIE z:	0.1358	R6:	82.9	R14:	96.1
Peak Wavelength (nm):	599	R7:	74.2	R15:	60.3
Dominant Wavelength (nm):	584	R8:	39.5		
Purity:	59.39437				

Rf:	77.8
Rg:	93.1



Test Conditions

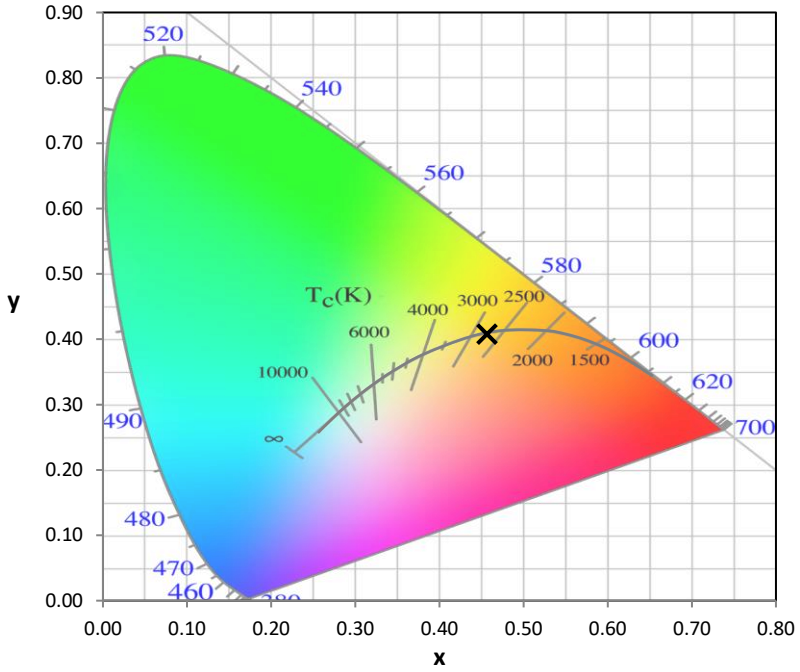
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

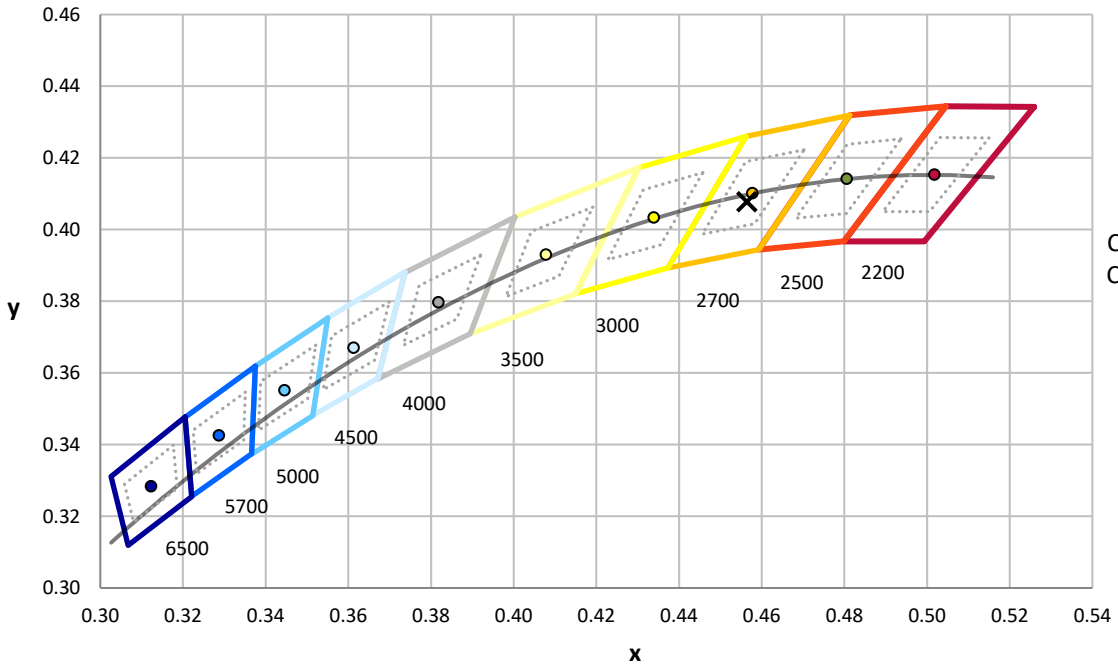
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2501-332-3

CIE 1931 Chromaticity Diagram



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

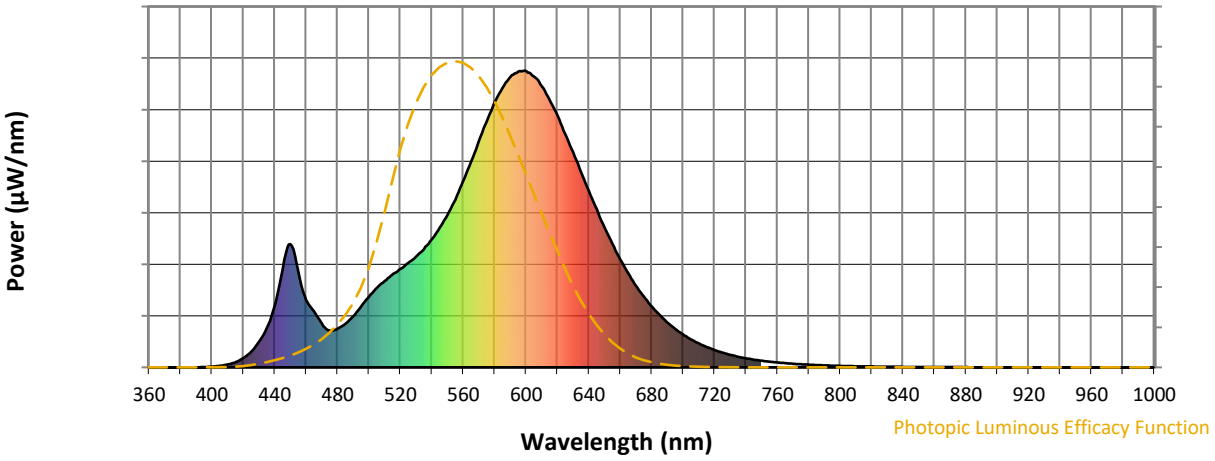


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

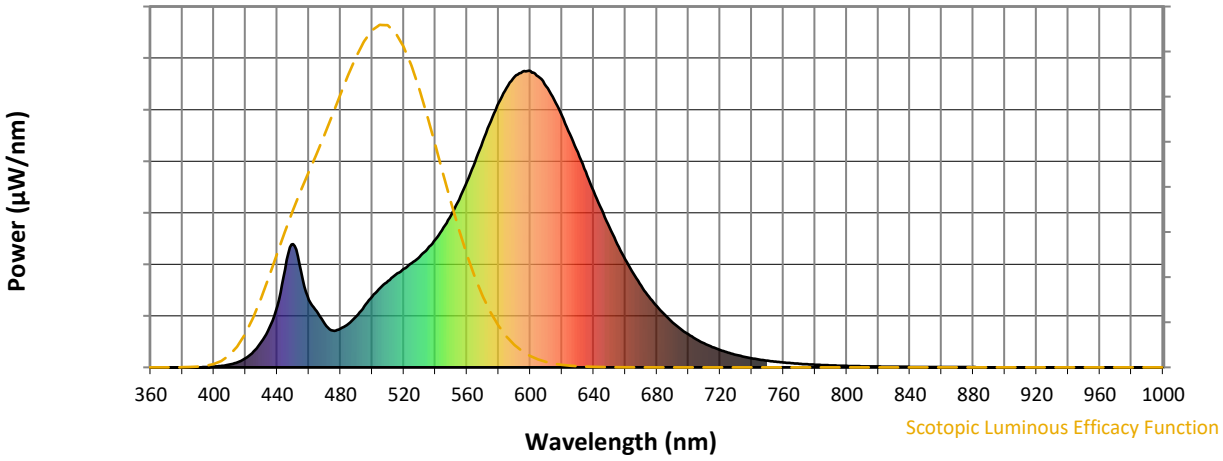


Photopic Lumens: NR

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

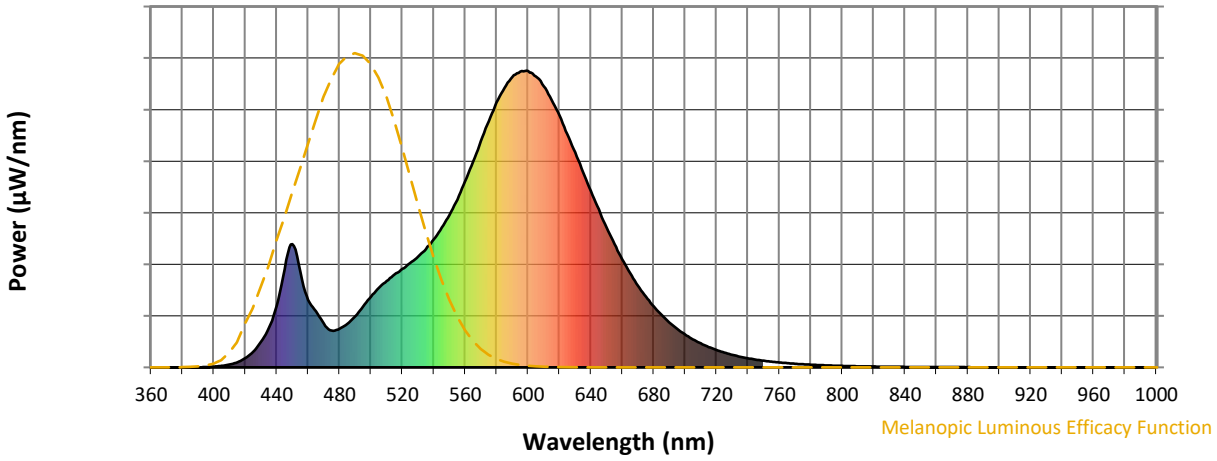


Scotopic Lumens: NR **S/P: 1.16**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.15**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

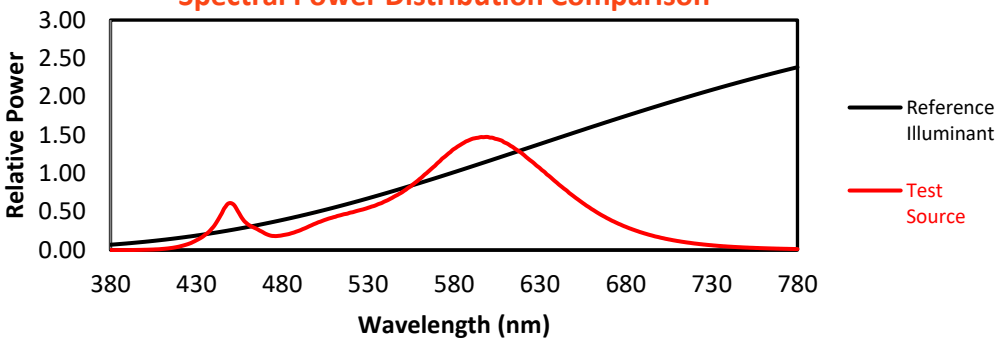
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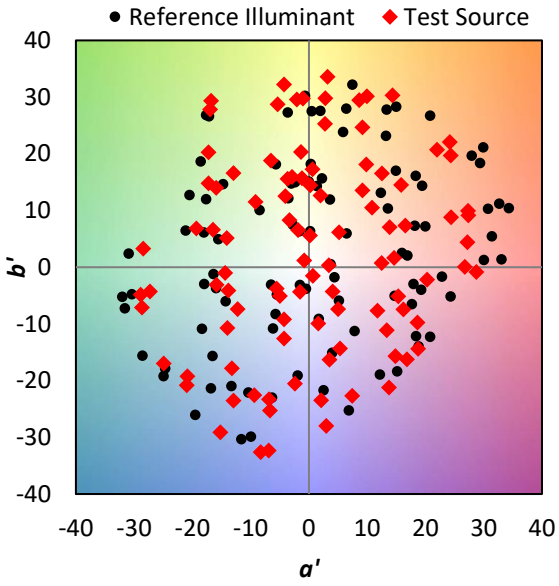
Summary

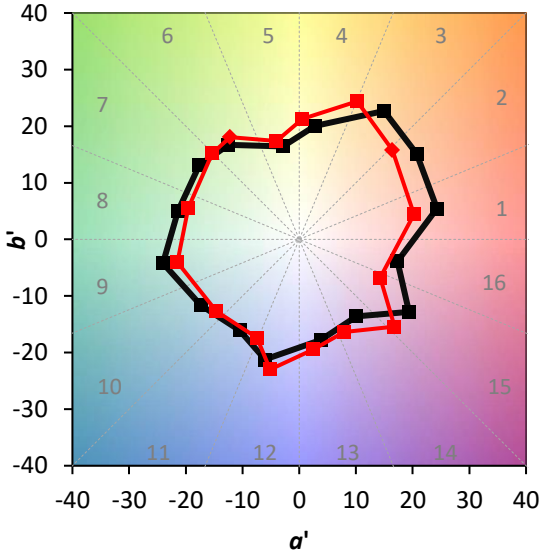
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

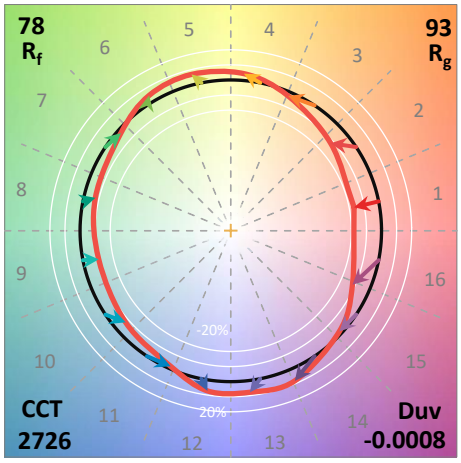
Spectral Power Distribution Comparison

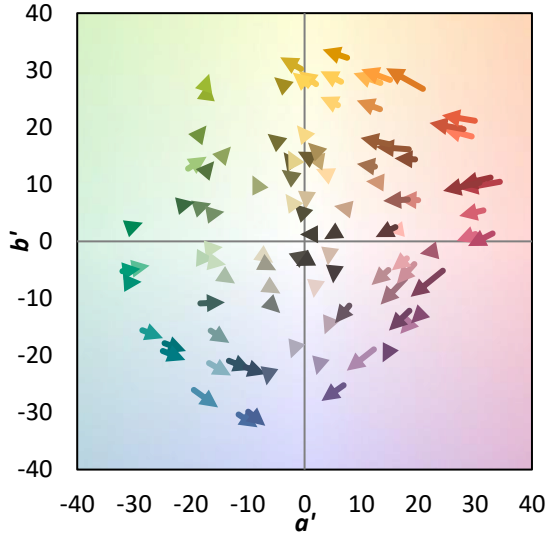


Color Vector Graphics







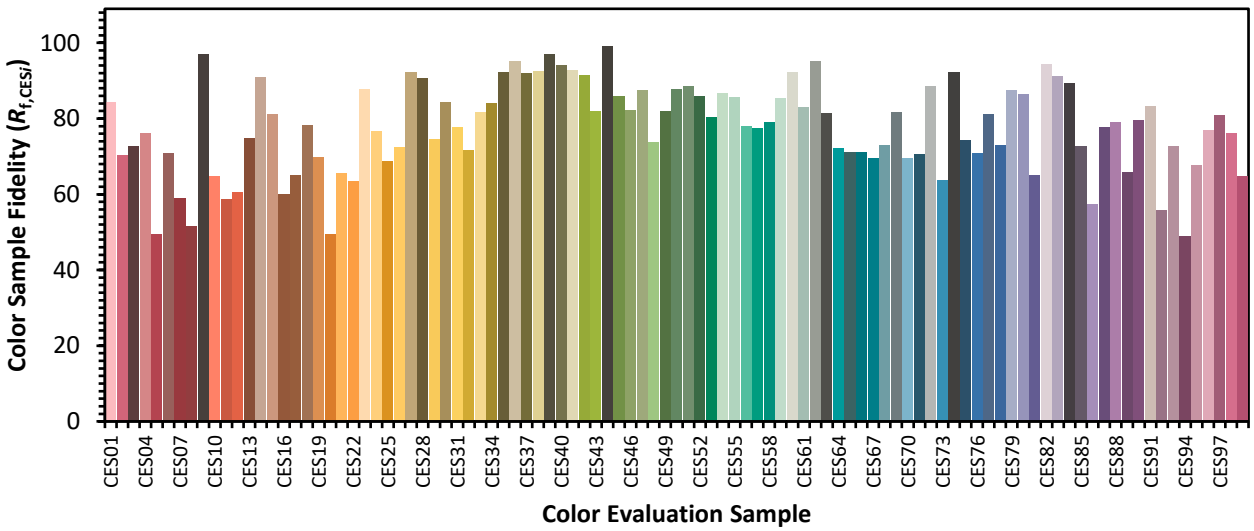


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Individual Sample Fidelity Index ($R_{f,i}$)

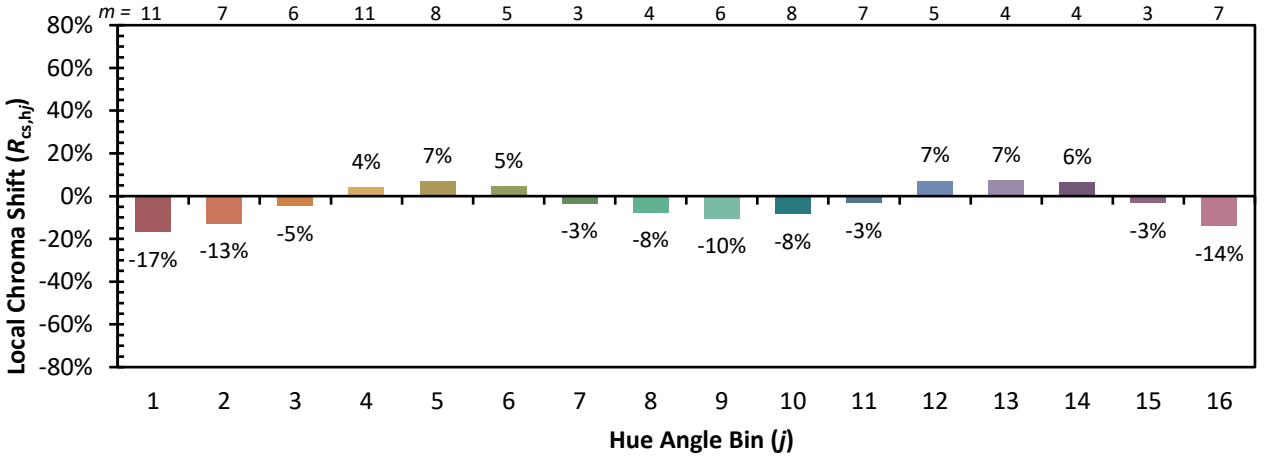
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82 = 94
CES08 = 41	CES33 = 82	CES58 = 79	CES83 = 91
CES09 = 29	CES34 = 84	CES59 = 85	CES84 = 89
CES10 = 77	CES35 = 92	CES60 = 92	CES85 = 73
CES11 = 60	CES36 = 95	CES61 = 83	CES86 = 57
CES12 = 66	CES37 = 92	CES62 = 95	CES87 = 78
CES13 = 44	CES38 = 93	CES63 = 82	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 66
CES15 = 72	CES40 = 94	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 93	CES66 = 71	CES91 = 83
CES17 = 51	CES42 = 92	CES67 = 69	CES92 = 56
CES18 = 57	CES43 = 82	CES68 = 73	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 82	CES94 = 49
CES20 = 67	CES45 = 86	CES70 = 70	CES95 = 68
CES21 = 87	CES46 = 82	CES71 = 71	CES96 = 77
CES22 = 80	CES47 = 88	CES72 = 89	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 64	CES98 = 76
CES24 = 91	CES49 = 82	CES74 = 92	CES99 = 65
CES25 = 73	CES50 = 88	CES75 = 74	

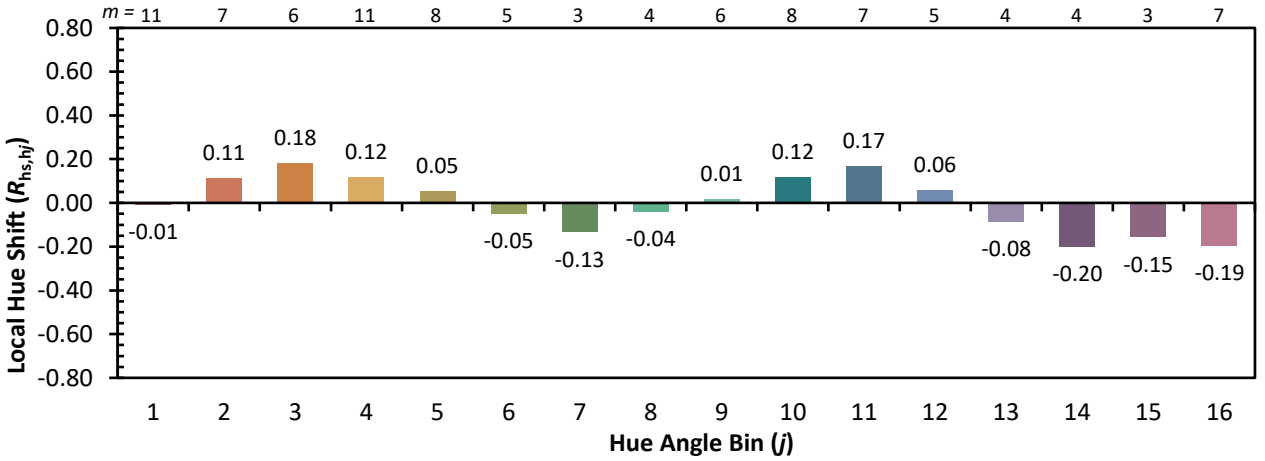


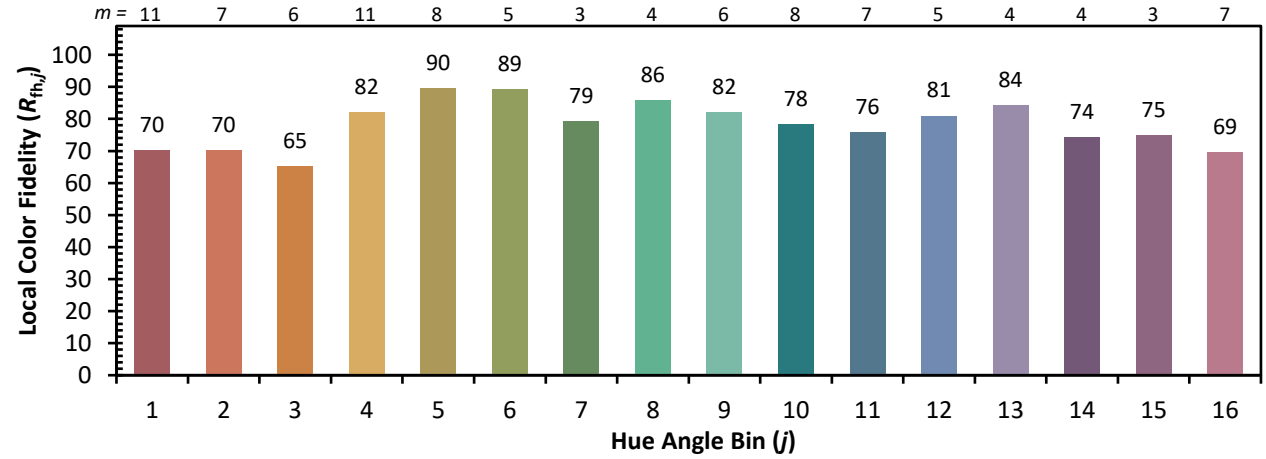
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Color Rendition by Hue-Angle Bin



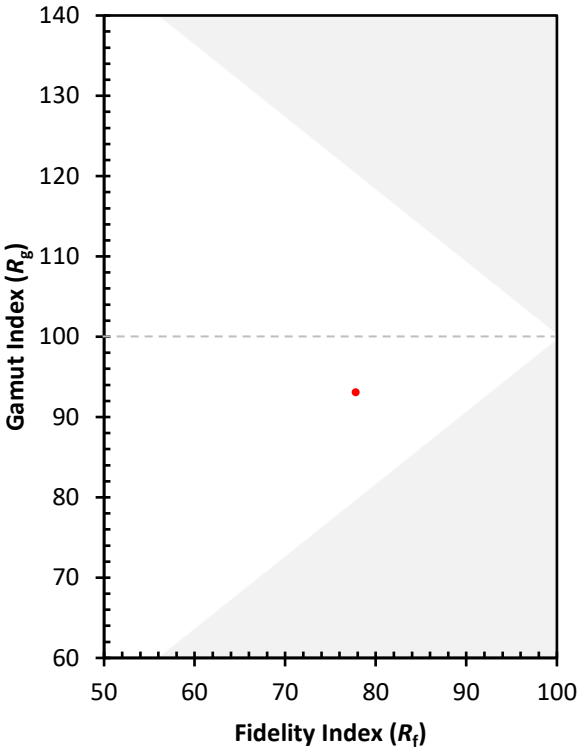


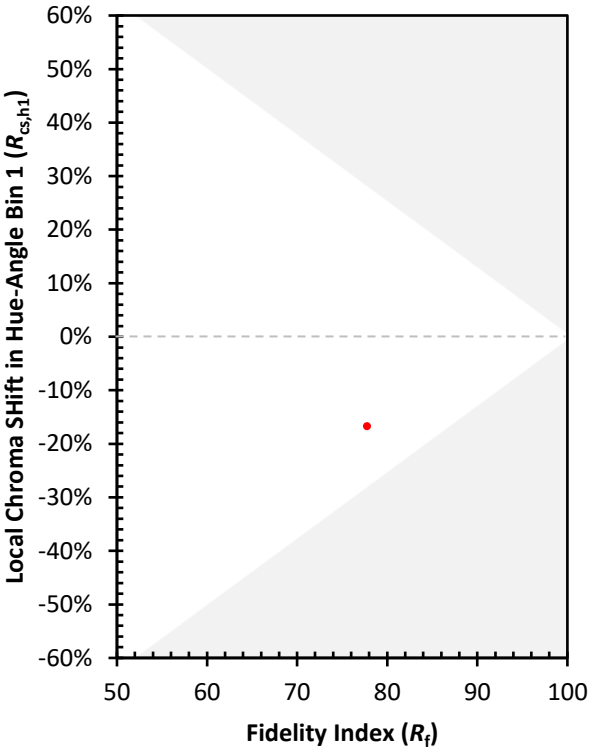


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Measure Comparisons





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