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: P981281

Luminaire Tested: **FFX-CLB-90-727-U-VM9-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:	P981281
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-727-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14014.3 lumens
Efficiency:	N/A
Efficacy:	154.7 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

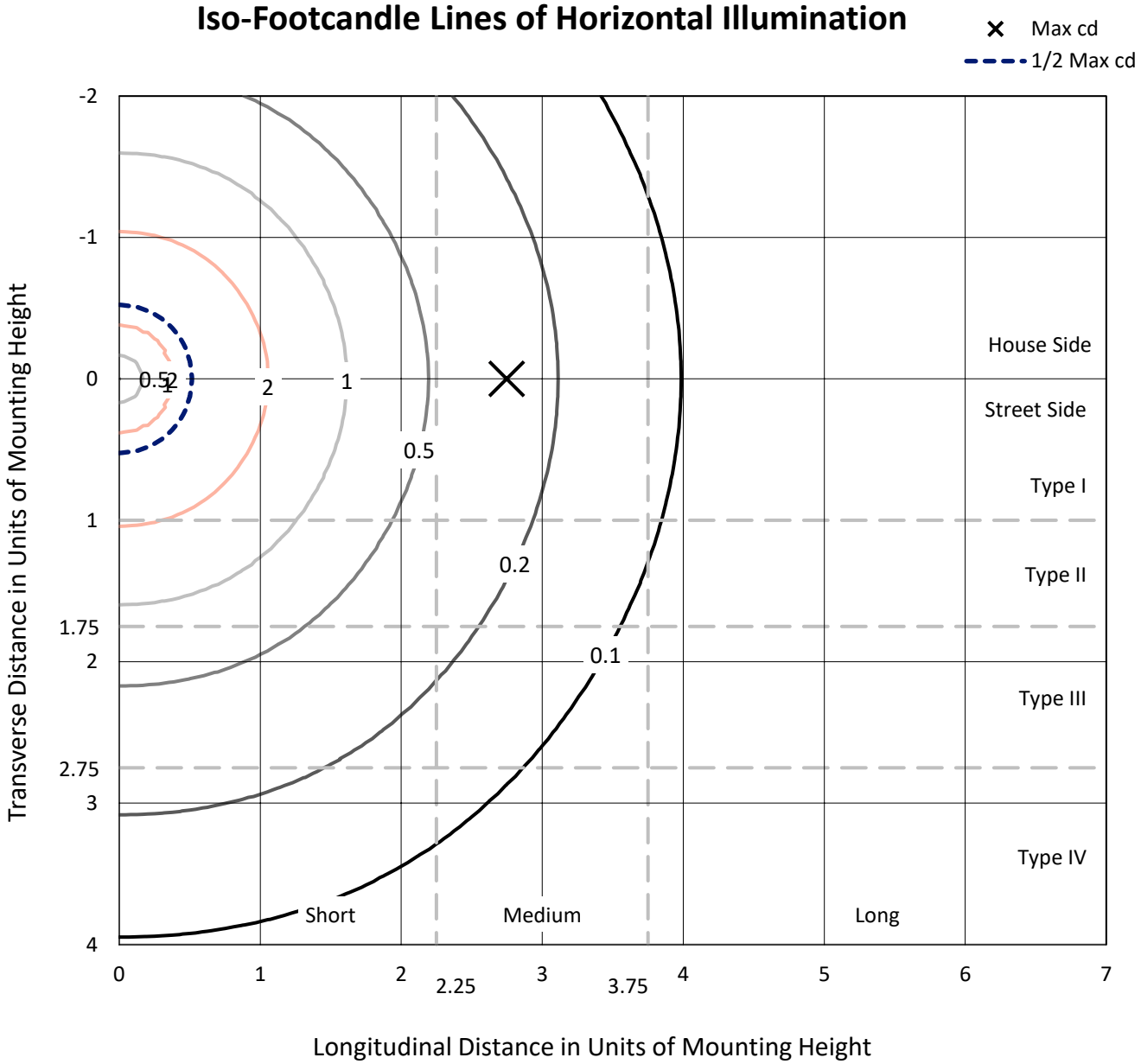
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981281
CATALOG NUMBER: FFX-CLB-90-727-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



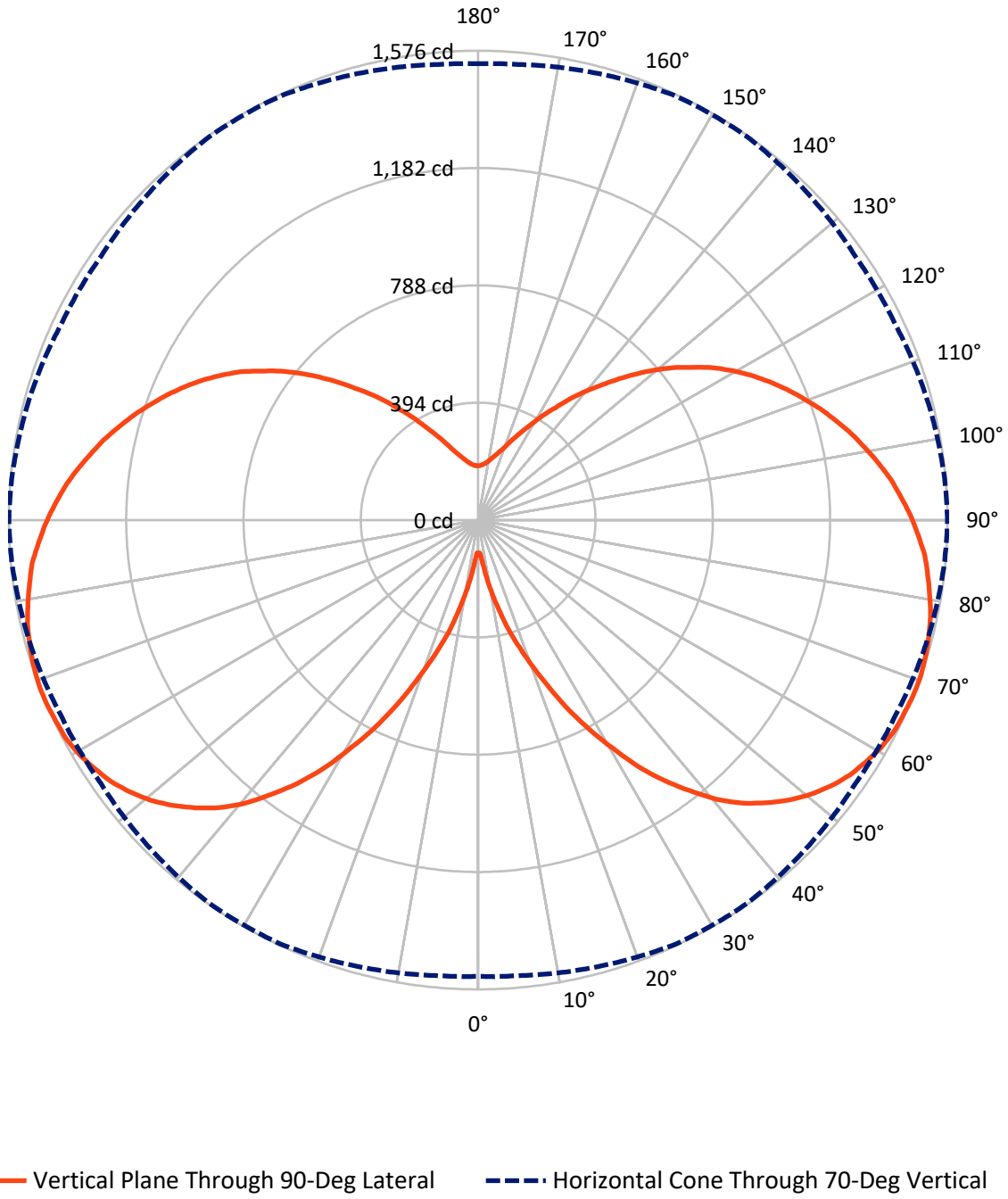
Based on 15 foot mounting height. Maximum calculated value = 2.6 fc
Type V - Short - N/A

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REPORT NUMBER: P981281
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Luminous Intensity Polar Plot



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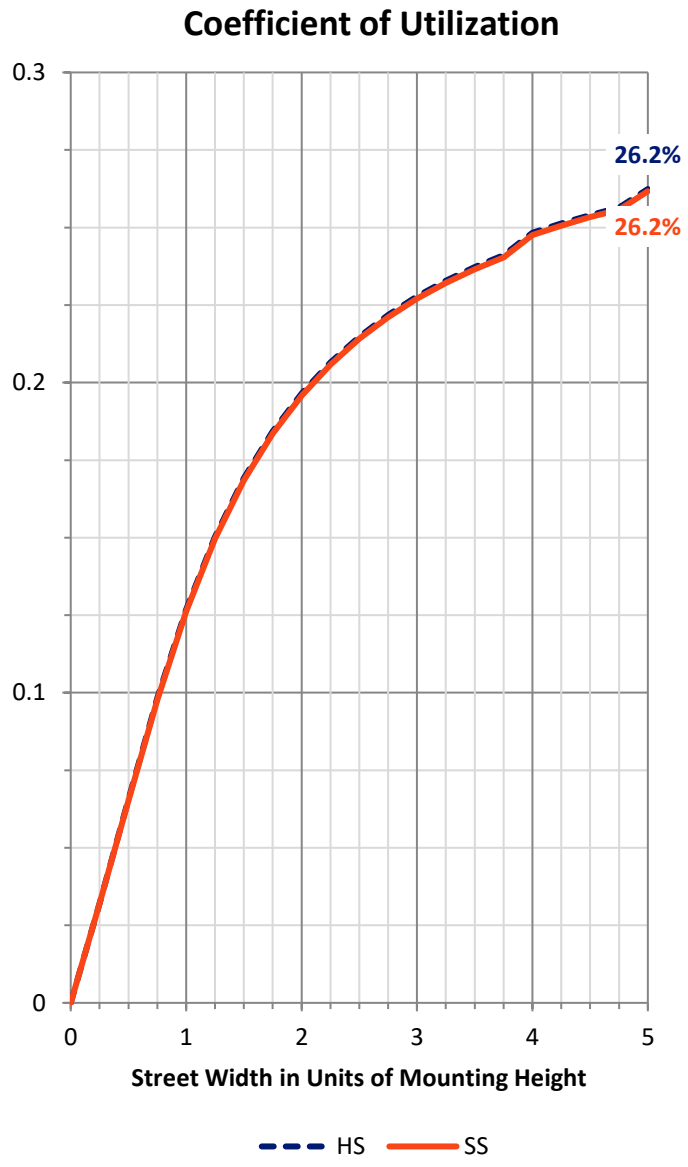
REPORT NUMBER: P981281
CATALOG NUMBER: FFX-CLB-90-727-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4148.6	2858.5	7007.1
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	4148.6	2858.5	7007.1
	% Fixture	29.6	20.4	50.0
Total	Lumens	8297.2	5717.0	14014.3
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	0.1
10°-20°	112.0	0.8
20°-30°	328.8	2.3
30°-40°	668.8	4.8
40°-50°	1037.8	7.4
50°-60°	1340.2	9.6
60°-70°	1540.9	11.0
70°-80°	1632.9	11.7
80°-90°	1619.3	11.6
90°-100°	1505.4	10.7
100°-110°	1312.4	9.4
110°-120°	1071.7	7.6
120°-130°	794.6	5.7
130°-140°	514.3	3.7
140°-150°	290.9	2.1
150°-160°	145.1	1.0
160°-170°	64.4	0.5
170°-180°	18.2	0.1
0°-90°	8297.2	59.2
0°-180°	14014.3	100.0



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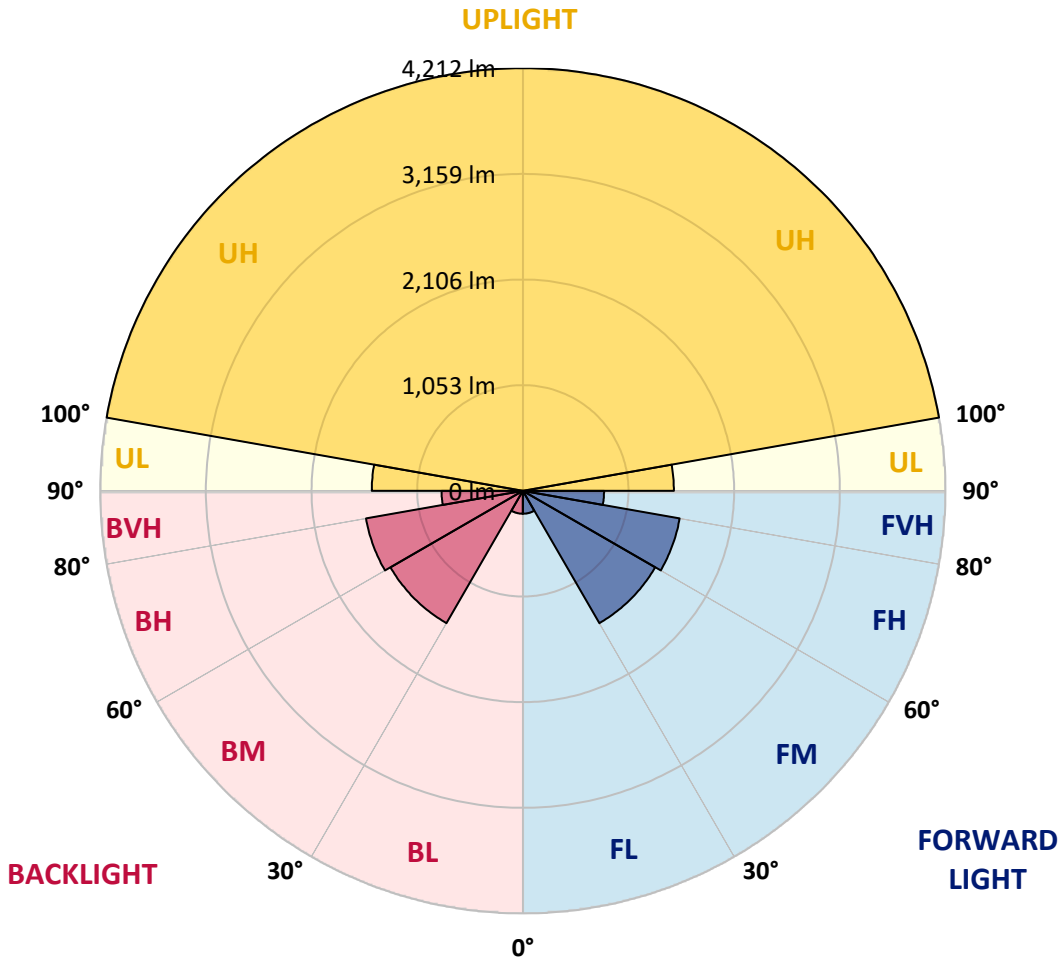
Scaled Data Report

REPORT NUMBER: P981281
CATALOG NUMBER: FFX-CLB-90-727-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	228.7	1.6			
FM	(30°-60°)	1523.4	10.9			
FH	(60°-80°)	1586.9	11.3			G1/1800
FVH	(80°-90°)	809.7	5.8			G5
BL	(0°-30°)	228.7	1.6	B1/500		
BM	(30°-60°)	1523.4	10.9	B2/2500		
BH	(60°-80°)	1586.9	11.3	B3/2500		G1/1800
BVH	(80°-90°)	809.7	5.8			G5
UL	(90°-100°)	1505.4	10.7		U5	
UH	(100°-180°)	4211.6	30.1		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981281
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.5
2.5°	111.5	111.5	111.5	111.5	110.6	110.6	110.6	110.6	110.6	110.6	110.6
5°	137.6	136.7	136.7	137.6	137.6	137.6	136.7	137.6	135.8	135.0	136.7
7.5°	184.6	184.6	184.6	184.6	182.9	182.9	185.5	183.7	184.6	183.7	185.5
10°	241.2	241.2	240.3	242.1	242.9	242.1	241.2	243.8	242.1	242.1	243.8
12.5°	305.6	306.5	306.5	307.4	309.1	306.5	309.1	309.1	309.1	307.4	306.5
15°	379.7	378.8	380.5	379.7	376.2	379.7	380.5	378.8	379.7	380.5	381.4
17.5°	448.4	447.6	448.4	447.6	451.1	451.9	451.1	451.1	451.1	451.9	450.2
20°	524.2	525.1	522.5	525.1	525.1	526.8	530.3	529.4	530.3	527.7	525.1
22.5°	606.9	607.8	605.2	604.3	609.5	608.7	608.7	611.3	613.0	613.0	611.3
25°	695.7	694.0	694.0	696.6	696.6	695.7	700.1	701.8	701.0	703.6	705.3
27.5°	784.6	782.8	782.8	786.3	786.3	786.3	786.3	794.1	795.0	796.8	797.6
30°	870.8	876.9	876.9	875.1	877.7	882.1	884.7	884.7	887.3	887.3	888.2
32.5°	964.8	964.8	966.6	969.2	969.2	977.0	972.7	979.6	977.9	983.1	986.6
35°	1053.6	1055.4	1055.4	1060.6	1060.6	1062.3	1063.2	1067.6	1073.7	1072.8	1073.7
37.5°	1136.4	1135.5	1133.7	1141.6	1143.3	1142.5	1143.3	1150.3	1152.0	1154.6	1152.9
40°	1212.1	1209.5	1213.9	1218.2	1218.2	1220.0	1221.7	1225.2	1228.7	1230.4	1233.0
42.5°	1275.7	1274.8	1279.2	1282.7	1283.5	1284.4	1284.4	1287.0	1295.7	1298.3	1300.1
45°	1331.4	1330.5	1335.8	1340.1	1342.7	1342.7	1340.1	1343.6	1351.4	1354.1	1354.9
47.5°	1379.3	1380.2	1387.1	1392.4	1394.1	1391.5	1389.8	1393.2	1399.3	1406.3	1405.4
50°	1419.4	1420.2	1428.1	1436.8	1437.7	1435.0	1430.7	1433.3	1442.0	1447.2	1448.1
52.5°	1453.3	1454.2	1463.8	1472.5	1473.4	1469.0	1463.8	1468.1	1476.0	1482.1	1483.8
55°	1480.3	1482.9	1492.5	1502.1	1504.7	1498.6	1491.6	1494.3	1503.0	1512.5	1513.4
57.5°	1500.3	1501.2	1513.4	1523.9	1527.3	1518.6	1513.4	1513.4	1523.9	1532.6	1534.3
60°	1514.3	1517.8	1531.7	1543.9	1545.6	1537.8	1528.2	1530.0	1541.3	1550.9	1553.5
62.5°	1526.5	1530.0	1543.0	1557.8	1559.6	1549.1	1539.5	1540.4	1553.5	1563.0	1566.5
65°	1532.6	1535.2	1550.9	1565.7	1567.4	1556.9	1545.6	1546.5	1558.7	1570.0	1570.9
67.5°	1534.3	1536.9	1553.5	1570.9	1571.7	1560.4	1547.4	1550.0	1562.2	1573.5	1575.2
70°	1532.6	1536.0	1552.6	1570.9	1572.6	1558.7	1545.6	1547.4	1561.3	1572.6	1576.1
72.5°	1526.5	1530.8	1547.4	1566.5	1567.4	1554.3	1541.3	1541.3	1556.9	1569.1	1570.9
75°	1518.6	1523.0	1541.3	1560.4	1561.3	1547.4	1533.4	1535.2	1550.0	1561.3	1563.0
77.5°	1509.9	1512.5	1530.8	1550.9	1552.6	1537.8	1523.9	1525.6	1539.5	1551.7	1553.5
80°	1496.0	1498.6	1517.8	1536.9	1538.7	1523.9	1509.1	1512.5	1526.5	1537.8	1537.8
82.5°	1479.4	1481.2	1500.3	1521.2	1522.1	1507.3	1494.3	1496.0	1509.9	1521.2	1521.2
85°	1460.3	1462.9	1482.1	1502.1	1502.1	1488.2	1474.2	1477.7	1490.8	1501.2	1504.7
87.5°	1439.4	1440.3	1459.4	1477.7	1478.6	1464.6	1452.5	1455.1	1468.1	1477.7	1478.6
90°	1415.0	1416.8	1435.0	1452.5	1453.3	1439.4	1428.1	1431.6	1442.0	1450.7	1453.3
92.5°	1388.0	1390.6	1408.0	1424.6	1423.7	1411.5	1401.9	1406.3	1415.0	1423.7	1423.7
95°	1360.2	1363.6	1377.6	1393.2	1391.5	1381.0	1373.2	1376.7	1385.4	1392.4	1394.1
97.5°	1330.5	1331.4	1346.2	1357.5	1357.5	1348.0	1341.9	1344.5	1353.2	1357.5	1359.3
100°	1298.3	1299.2	1310.5	1321.8	1321.8	1313.1	1308.8	1311.4	1318.4	1321.8	1322.7
102.5°	1266.1	1265.2	1274.8	1284.4	1284.4	1277.4	1273.9	1279.2	1282.7	1285.3	1287.0
105°	1229.5	1228.7	1237.4	1246.1	1244.3	1240.0	1236.5	1240.9	1245.2	1247.0	1247.0
107.5°	1189.5	1193.0	1198.2	1205.2	1204.3	1200.8	1200.8	1203.4	1206.0	1206.9	1207.8
110°	1155.5	1154.6	1159.9	1163.4	1164.2	1162.5	1164.2	1165.1	1166.0	1166.0	1166.0

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REPORT NUMBER: P981281
CATALOG NUMBER: FFX-CLB-90-727-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1116.3	1116.3	1118.1	1120.7	1121.6	1122.4	1123.3	1126.8	1125.0	1125.9	*1124.2*
115°	1073.7	1074.5	1076.3	1077.1	1078.9	1079.8	1084.1	1084.1	1085.0	1083.2	*1080.6*
117.5°	1031.0	1032.7	1031.9	1031.0	1034.5	1037.1	1039.7	1041.4	1041.4	1038.0	*1036.2*
120°	984.8	983.1	983.1	983.1	985.7	990.1	993.6	994.4	993.6	989.2	*988.3*
122.5°	934.3	936.1	933.5	934.3	935.2	941.3	943.9	945.7	943.0	937.8	*939.6*
125°	882.1	883.8	879.5	879.5	883.8	886.4	889.1	891.7	887.3	884.7	*883.0*
127.5°	826.4	826.4	825.5	822.9	828.1	830.7	835.9	835.9	832.5	829.0	*830.7*
130°	769.8	768.9	770.6	768.9	769.8	775.0	779.3	777.6	775.9	774.1	*774.1*
132.5°	711.4	713.2	711.4	710.6	714.9	716.6	721.0	722.7	719.3	714.9	*716.6*
135°	656.6	655.7	654.8	654.8	657.4	661.8	664.4	663.5	663.5	661.8	*660.0*
137.5°	600.0	602.6	600.8	600.8	602.6	606.9	611.3	610.4	609.5	606.1	*604.3*
140°	549.5	547.7	548.6	548.6	552.9	552.9	557.3	557.3	556.4	553.8	*555.6*
142.5°	499.0	498.1	501.6	499.8	501.6	505.9	507.7	506.8	505.0	505.9	*506.8*
145°	452.8	453.7	452.8	453.7	456.3	458.9	462.4	460.6	460.6	458.0	*457.2*
147.5°	409.3	409.3	408.4	411.9	412.7	416.2	417.1	418.0	416.2	414.5	*417.1*
150°	371.0	370.1	370.1	371.0	372.7	375.3	377.0	377.0	377.9	376.2	*375.3*
152.5°	335.2	333.5	334.4	336.1	337.0	339.6	339.6	341.3	340.5	339.6	*339.6*
155°	303.0	303.9	303.9	304.8	306.5	307.4	309.1	308.3	309.1	308.3	*308.3*
157.5°	276.9	278.6	278.6	279.5	278.6	279.5	280.4	281.3	281.3	281.3	*281.3*
160°	256.0	255.1	255.1	255.1	255.1	256.0	257.7	256.9	257.7	256.9	*256.0*
162.5°	236.9	236.9	236.9	236.9	237.7	237.7	237.7	238.6	237.7	237.7	*237.7*
165°	221.2	222.0	221.2	221.2	221.2	222.0	222.0	222.0	222.0	222.0	*222.0*
167.5°	209.0	209.9	209.9	209.9	209.9	209.9	210.7	209.9	209.9	209.9	*209.9*
170°	199.4	200.3	200.3	199.4	200.3	199.4	199.4	200.3	199.4	199.4	*199.4*
172.5°	192.4	192.4	192.4	192.4	192.4	192.4	192.4	192.4	192.4	191.6	*191.6*
175°	186.3	186.3	186.3	186.3	186.3	186.3	186.3	186.3	186.3	186.3	*186.3*
177.5°	182.9	182.9	183.7	182.9	182.9	182.9	182.9	182.9	182.9	182.9	*182.9*
180°	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	182.0	*182.0*

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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: SP1-2501-332-3

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

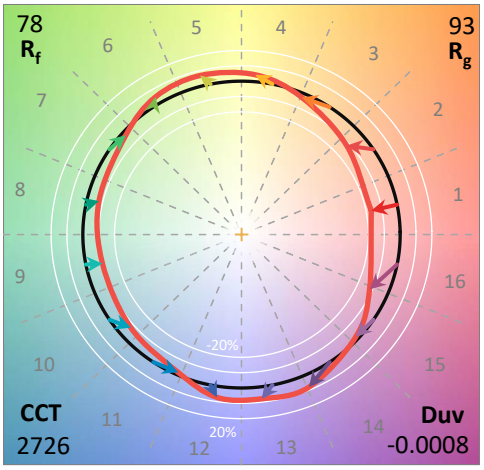
Test Information

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

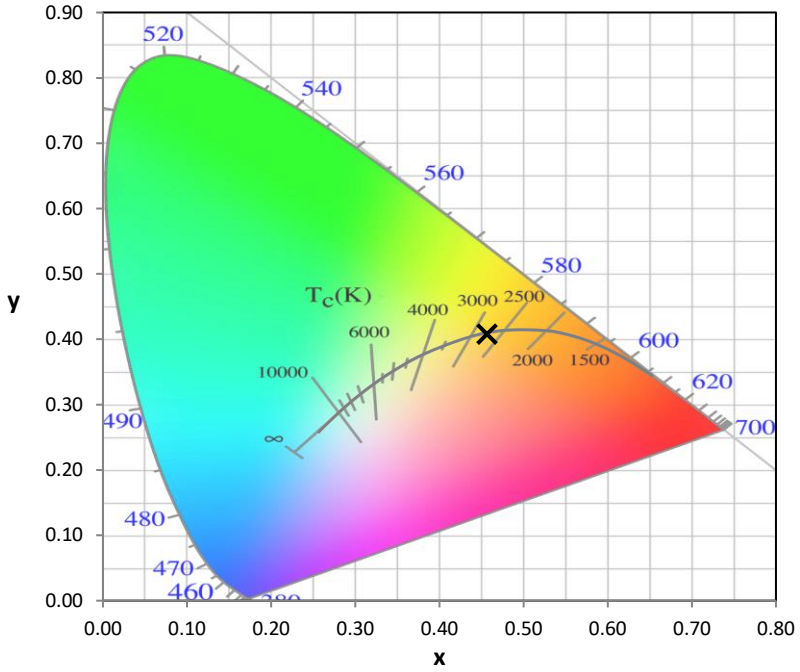
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

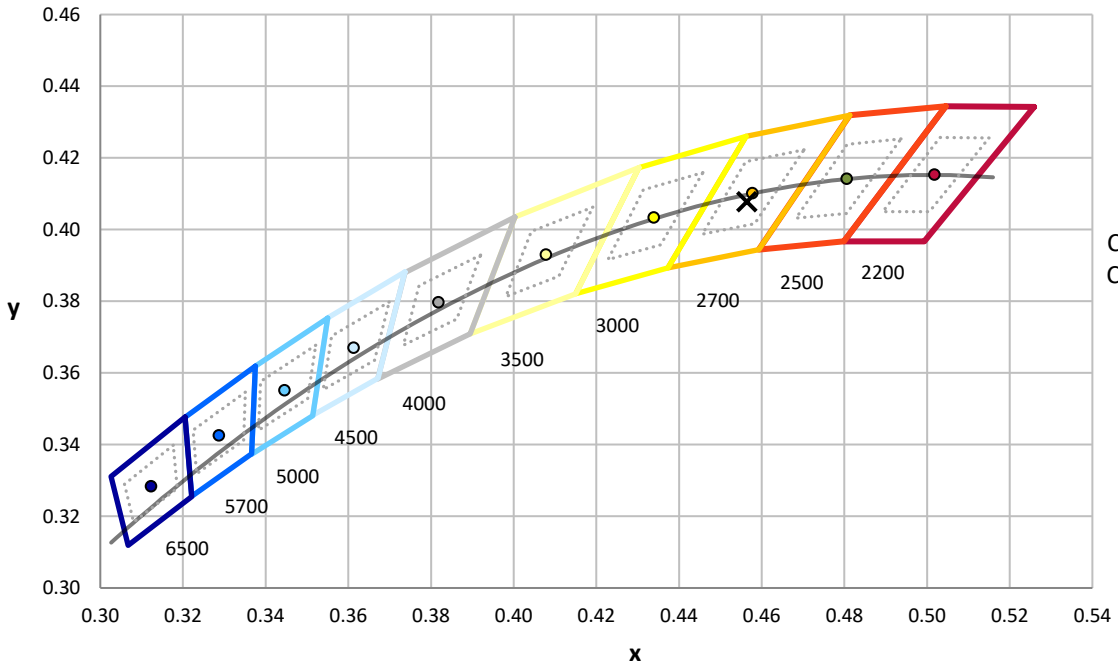
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

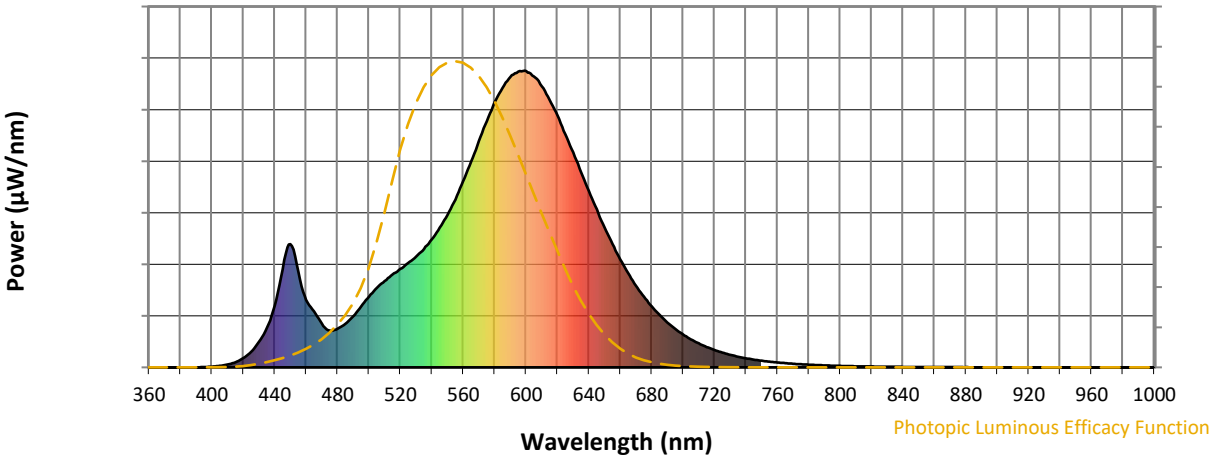


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

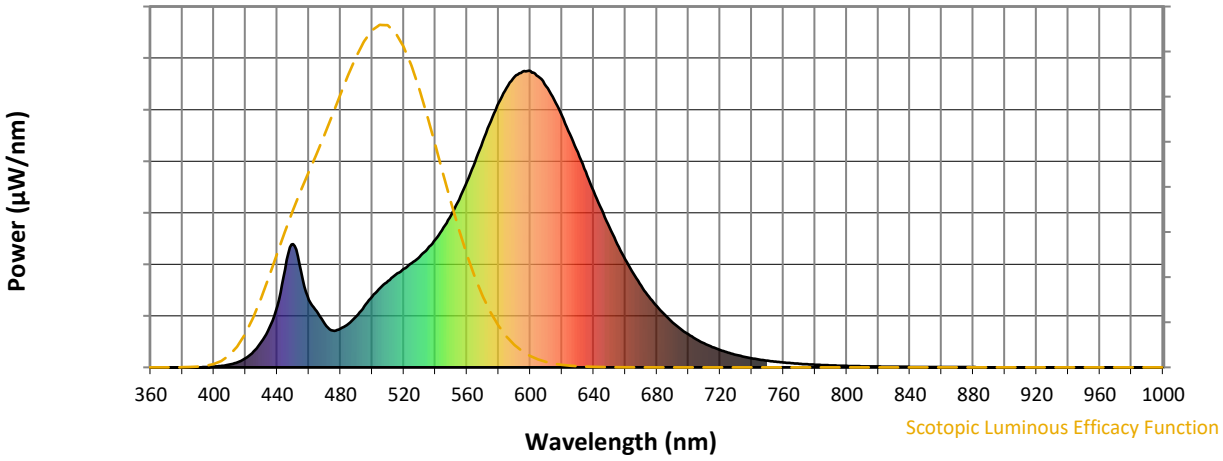


Photopic Lumens: NR

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

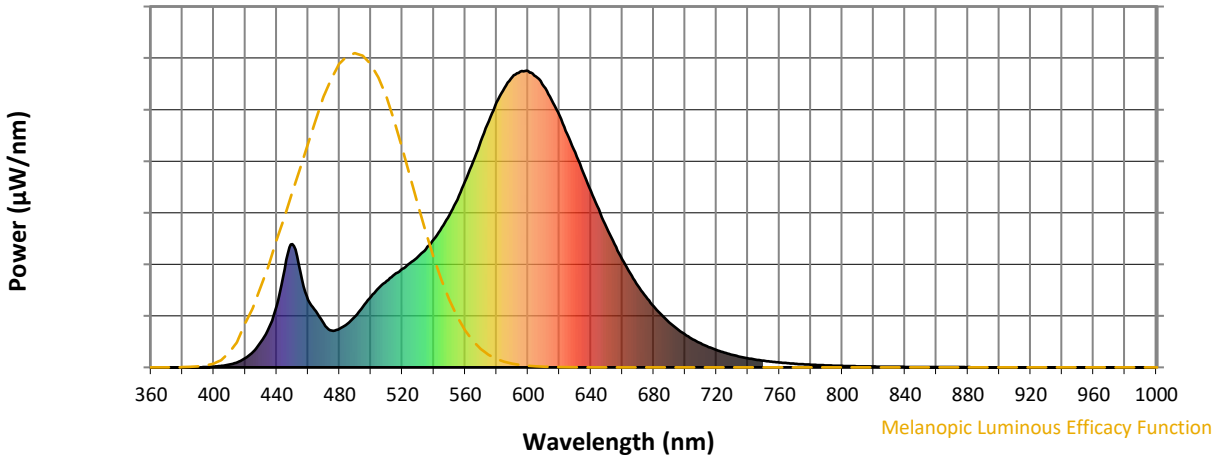


Scotopic Lumens: NR **S/P: 1.16**

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			

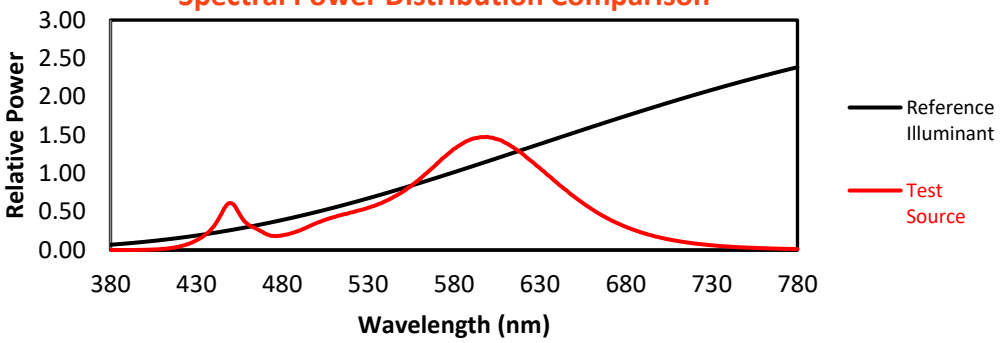
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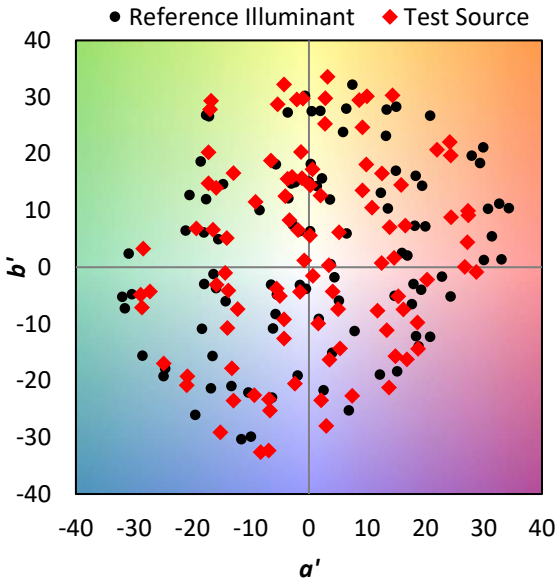
Summary

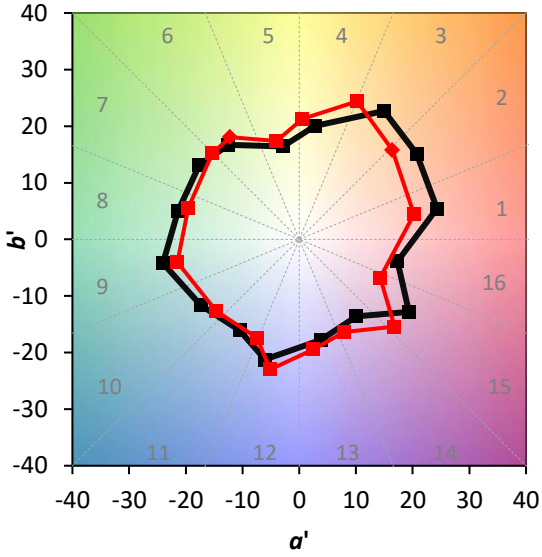
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

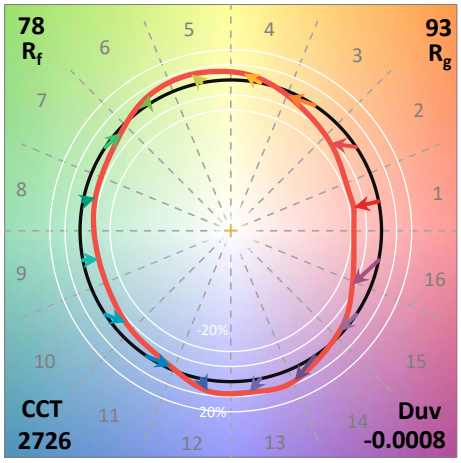
Spectral Power Distribution Comparison

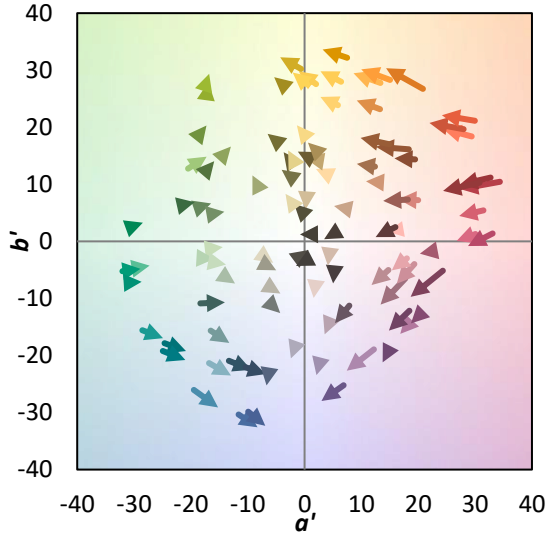


Color Vector Graphics







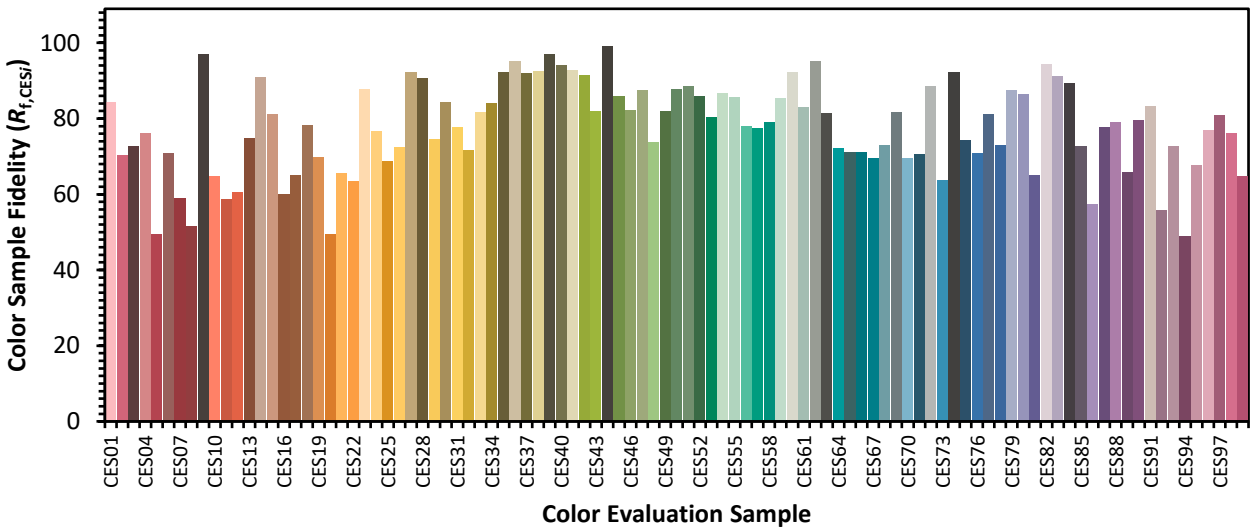


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Individual Sample Fidelity Index ($R_{f,i}$)

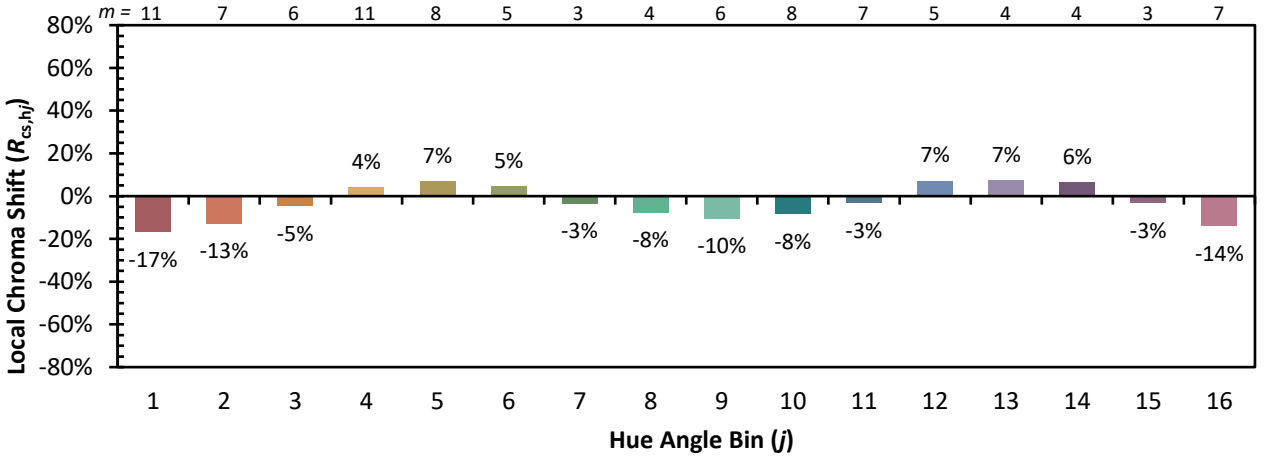
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82 = 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	

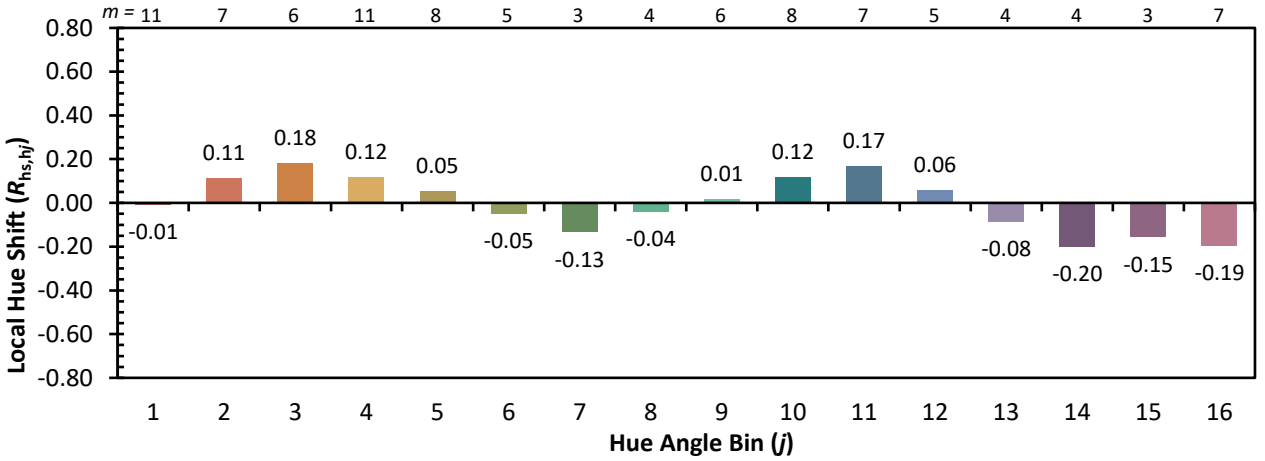


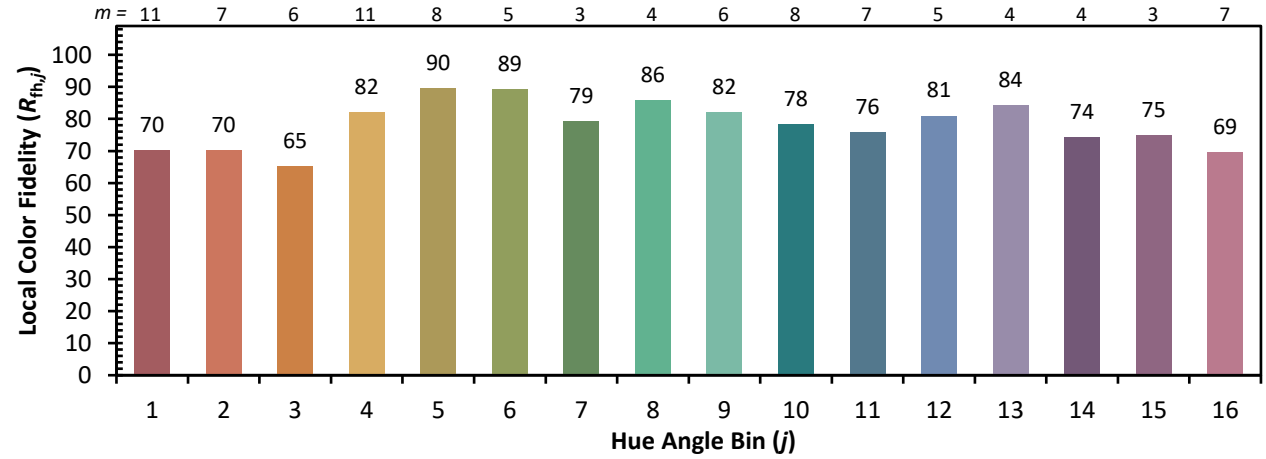
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Color Rendition by Hue-Angle Bin



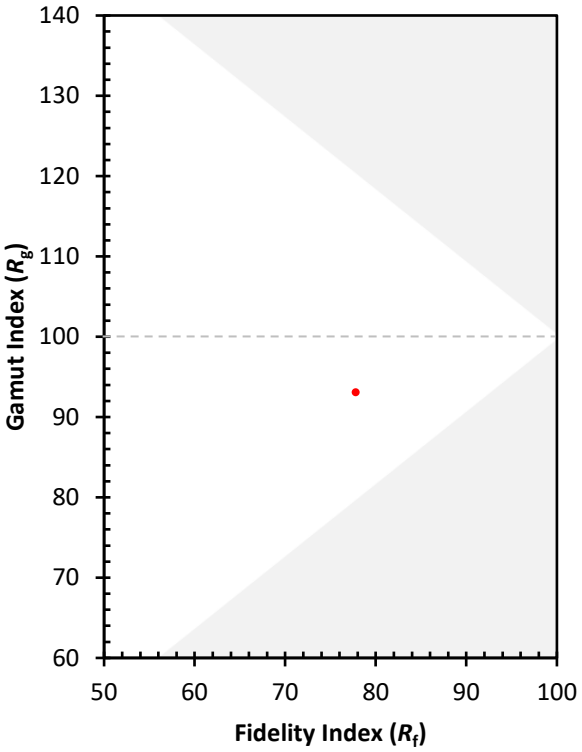


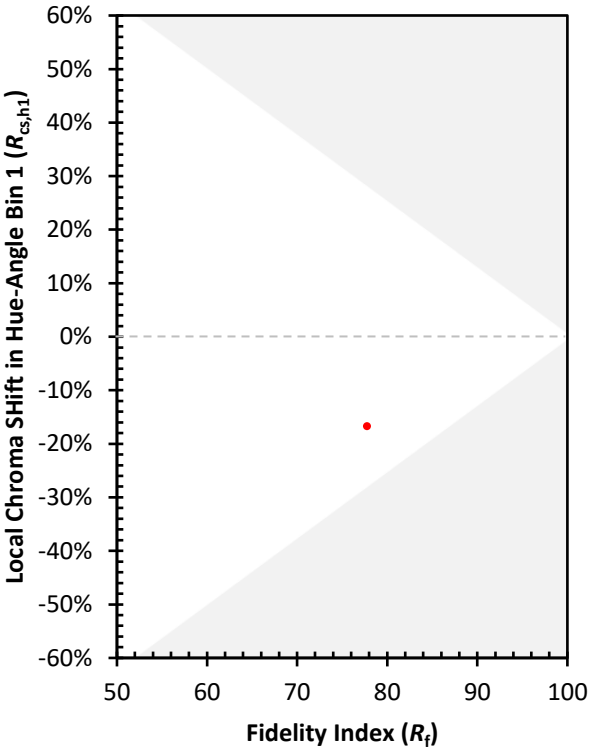


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Measure Comparisons





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