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: P981236

Luminaire Tested: **FFX-CLB-90-727-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:	P981236
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-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:	13908.4 lumens
Efficiency:	N/A
Efficacy:	153.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

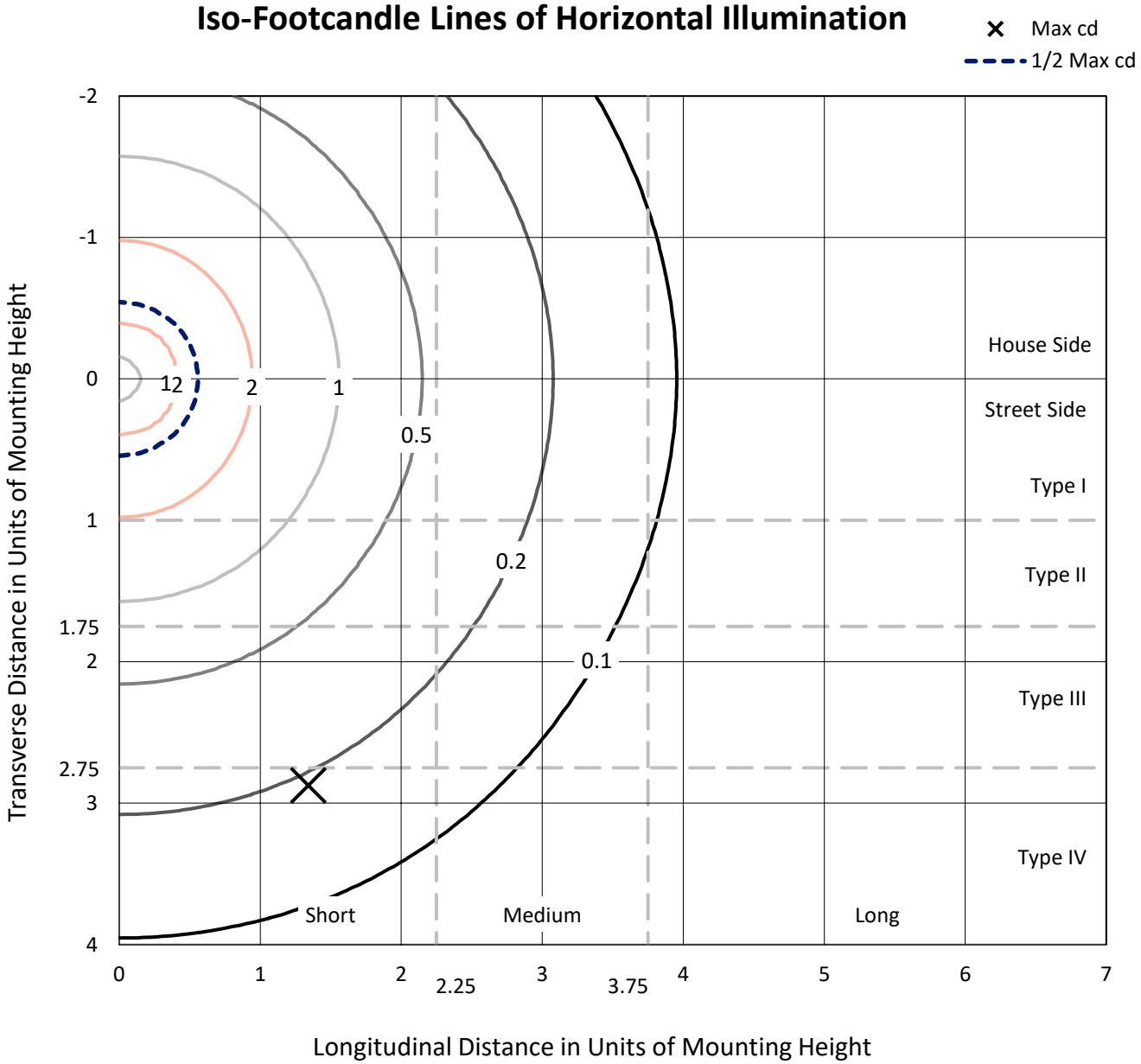
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981236
CATALOG NUMBER: FFX-CLB-90-727-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



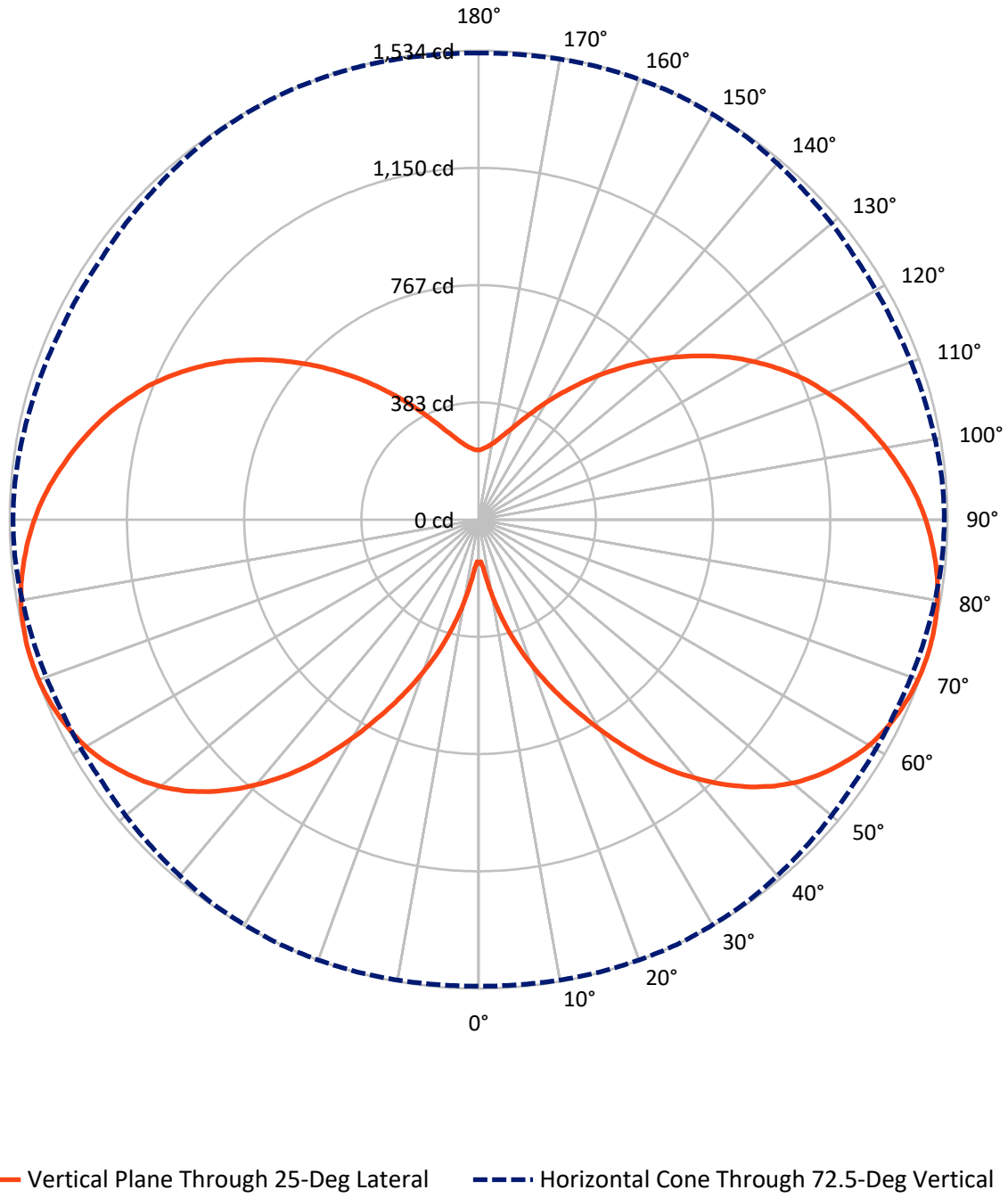
Based on 15 foot mounting height. Maximum calculated value = 2.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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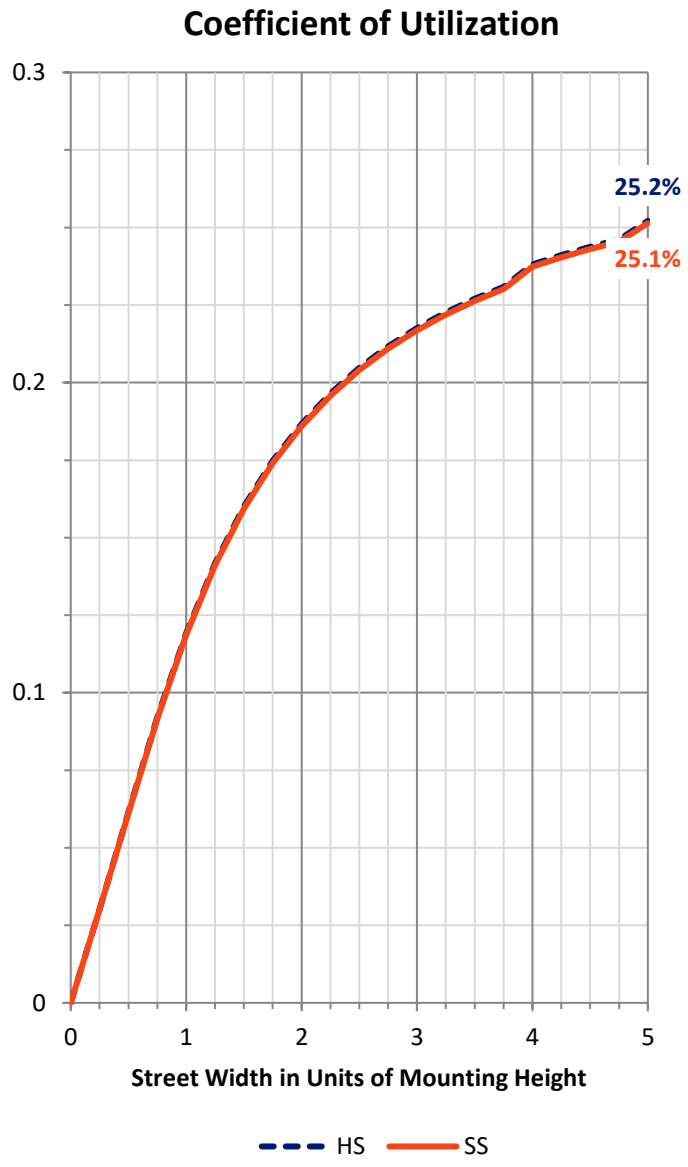
REPORT NUMBER: P981236
CATALOG NUMBER: FFX-CLB-90-727-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3978.7	2975.5	6954.2
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	3978.7	2975.5	6954.2
	% Fixture	28.6	21.4	50.0
Total	Lumens	7957.3	5951.0	13908.4
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.6	0.1
10°-20°	113.1	0.8
20°-30°	306.2	2.2
30°-40°	604.5	4.3
40°-50°	952.5	6.8
50°-60°	1262.1	9.1
60°-70°	1483.9	10.7
70°-80°	1603.2	11.5
80°-90°	1613.1	11.6
90°-100°	1518.9	10.9
100°-110°	1342.5	9.7
110°-120°	1106.7	8.0
120°-130°	827.3	5.9
130°-140°	552.3	4.0
140°-150°	328.2	2.4
150°-160°	172.7	1.2
160°-170°	79.6	0.6
170°-180°	22.8	0.2
0°-90°	7957.3	57.2
0°-180°	13908.4	100.0



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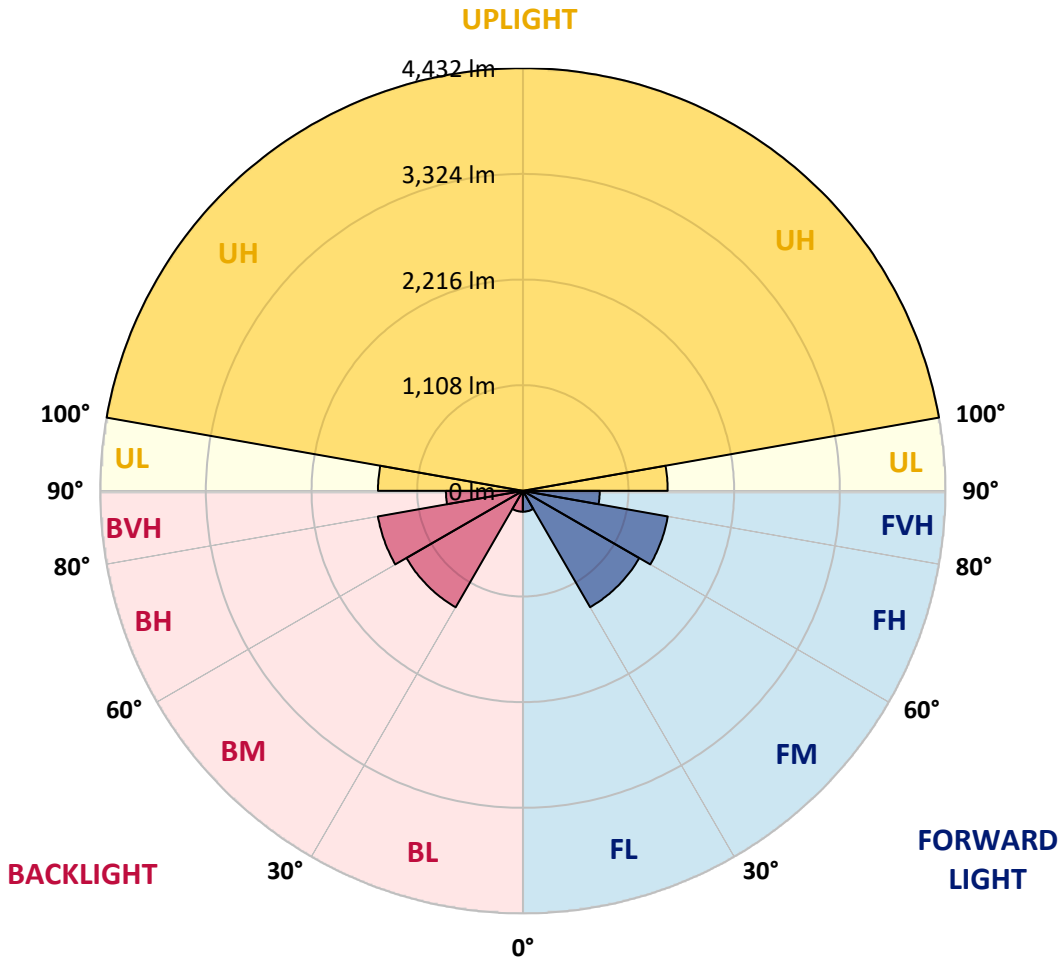
Scaled Data Report

REPORT NUMBER: P981236
CATALOG NUMBER: FFX-CLB-90-727-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	219.0	1.6			
FM	(30°-60°)	1409.6	10.1			
FH	(60°-80°)	1543.6	11.1			G1/1800
FVH	(80°-90°)	806.6	5.8			G5
BL	(0°-30°)	219.0	1.6	B1/500		
BM	(30°-60°)	1409.6	10.1	B2/2500		
BH	(60°-80°)	1543.6	11.1	B3/2500		G1/1800
BVH	(80°-90°)	806.6	5.8			G5
UL	(90°-100°)	1518.9	10.9		U5	
UH	(100°-180°)	4432.2	31.9		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°	144.5	144.5	144.5	*144.5*	144.5	144.5	144.5	144.5	144.5	144.5	144.5
2.5°	135.8	135.8	136.7	*137.5*	138.4	139.3	140.1	141.0	141.9	141.0	141.0
5°	156.7	158.4	158.4	*158.4*	157.5	158.4	160.2	160.2	161.9	161.0	160.2
7.5°	201.1	205.4	205.4	*204.5*	203.7	204.5	203.7	203.7	203.7	202.8	204.5
10°	262.0	260.3	261.1	*260.3*	258.5	259.4	260.3	258.5	258.5	258.5	258.5
12.5°	321.2	320.3	322.9	*322.1*	322.9	320.3	322.1	320.3	320.3	317.7	318.6
15°	390.8	390.8	389.9	*387.3*	388.2	384.7	386.5	385.6	383.0	383.0	382.1
17.5°	455.2	454.4	455.2	*451.7*	451.7	450.9	449.1	448.3	448.3	445.7	444.8
20°	519.6	517.9	517.0	*517.0*	514.4	514.4	512.7	509.2	507.5	508.3	506.6
22.5°	589.3	585.8	585.8	*585.8*	580.6	578.8	578.0	574.5	574.5	571.9	571.9
25°	658.9	659.8	659.8	*656.3*	653.7	650.2	648.5	645.9	643.2	642.4	643.2
27.5°	735.5	737.2	734.6	*728.5*	727.7	724.2	719.8	716.4	717.2	712.9	716.4
30°	819.1	815.6	810.4	*808.6*	805.1	801.7	798.2	791.2	792.1	790.3	791.2
32.5°	895.7	895.7	893.9	*888.7*	886.1	878.3	874.8	866.1	866.9	866.1	862.6
35°	979.2	976.6	973.1	*972.3*	963.6	958.3	952.2	942.7	944.4	943.5	944.4
37.5°	1049.7	1050.6	1052.3	*1048.0*	1040.2	1033.2	1026.2	1019.3	1017.5	1018.4	1016.7
40°	1126.3	1125.5	1123.7	*1118.5*	1112.4	1104.6	1095.9	1091.5	1086.3	1089.8	1088.9
42.5°	1189.0	1191.6	1190.7	*1185.5*	1177.7	1169.8	1162.9	1155.9	1153.3	1152.4	1152.4
45°	1249.9	1250.8	1248.2	*1247.3*	1236.9	1229.9	1221.2	1215.1	1213.4	1213.4	1216.0
47.5°	1306.5	1305.6	1303.9	*1302.2*	1294.3	1283.9	1273.4	1269.1	1268.2	1269.9	1270.8
50°	1351.8	1353.5	1352.6	*1350.0*	1342.2	1332.6	1321.3	1317.0	1317.8	1319.6	1320.4
52.5°	1392.7	1392.7	1393.5	*1390.1*	1383.1	1372.7	1362.2	1358.7	1358.7	1361.3	1359.6
55°	1424.0	1425.8	1426.6	*1424.0*	1419.7	1407.5	1397.0	1390.9	1393.5	1396.2	1397.0
57.5°	1453.6	1455.3	1455.3	*1455.3*	1448.4	1437.1	1426.6	1421.4	1424.9	1429.2	1430.1
60°	1477.1	1478.0	1480.6	*1480.6*	1474.5	1461.4	1450.1	1445.8	1450.1	1456.2	1455.3
62.5°	1494.5	1494.5	1498.0	*1498.9*	1492.8	1479.7	1468.4	1464.9	1470.1	1477.1	1479.7
65°	1509.3	1510.2	1512.8	*1513.7*	1508.4	1493.6	1481.5	1480.6	1487.6	1494.5	1495.4
67.5°	1517.1	1518.0	1522.4	*1524.1*	1518.0	1503.2	1491.9	1489.3	1498.9	1507.6	1508.4
70°	1522.4	1524.1	1529.3	*1531.1*	1525.0	1509.3	1497.1	1496.3	1506.7	1516.3	1517.1
72.5°	*1525.9*	*1526.7*	*1531.9*	*1533.7*	*1527.6*	*1512.8*	*1500.6*	*1500.6*	*1510.2*	*1521.5*	*1523.2*
75°	1525.9	1526.7	1531.1	*1533.7*	1527.6	1511.9	1498.9	1498.9	1511.9	1523.2	1525.9
77.5°	1518.9	1521.5	1526.7	*1529.3*	1523.2	1507.6	1495.4	1495.4	1508.4	1520.6	1523.2
80°	1511.9	1512.8	1518.9	*1522.4*	1515.4	1500.6	1487.6	1487.6	1501.5	1514.5	1516.3
82.5°	1500.6	1501.5	1507.6	*1511.1*	1505.0	1489.3	1476.2	1477.1	1490.2	1503.2	1505.0
85°	1484.9	1486.7	1492.8	*1495.4*	1490.2	1473.6	1461.4	1462.3	1476.2	1488.4	1490.2
87.5°	1468.4	1468.4	1475.4	*1478.0*	1472.8	1456.2	1444.0	1444.0	1458.0	1471.0	1471.9
90°	1445.8	1447.5	1453.6	*1458.0*	1451.0	1437.1	1424.0	1424.0	1437.1	1449.3	1452.7
92.5°	1424.9	1425.8	1431.8	*1434.5*	1428.4	1413.6	1402.3	1402.3	1415.3	1427.5	1429.2
95°	1399.6	1399.6	1404.0	*1407.5*	1400.5	1388.3	1377.9	1377.9	1388.3	1398.8	1400.5
97.5°	1372.7	1372.7	1377.9	*1377.0*	1371.8	1358.7	1350.0	1349.2	1359.6	1368.3	1370.9
100°	1342.2	1343.9	1347.4	*1346.5*	1342.2	1329.1	1321.3	1321.3	1329.1	1337.0	1338.7
102.5°	1312.6	1312.6	1314.3	*1313.5*	1307.4	1296.1	1291.7	1290.8	1297.8	1303.0	1303.9
105°	1282.1	1282.1	1280.4	*1280.4*	1272.6	1263.9	1258.6	1258.6	1264.7	1268.2	1268.2
107.5°	1247.3	1245.6	1247.3	*1244.7*	1236.9	1228.2	1225.6	1224.7	1227.3	1230.8	1229.0
110°	1211.6	1210.8	1209.9	*1204.7*	1198.6	1193.4	1189.0	1189.0	1191.6	1192.5	1192.5

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Scaled Data Report

REPORT NUMBER: P981236
CATALOG NUMBER: FFX-CLB-90-727-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1174.2	1173.3	1170.7	*1166.4*	1159.4	1154.2	1150.7	1150.7	1151.6	1150.7	1149.0
115°	1133.3	1131.6	1128.9	*1121.1*	1114.1	1110.7	1108.9	1110.7	1109.8	1107.2	1107.2
117.5°	1088.9	1087.2	1082.8	*1074.1*	1068.0	1065.4	1066.3	1065.4	1063.7	1061.0	1061.9
120°	1039.3	1039.3	1032.3	*1025.4*	1020.1	1020.1	1019.3	1019.3	1016.7	1013.2	1011.4
122.5°	987.9	987.9	981.8	*975.7*	969.7	969.7	970.5	969.7	967.9	964.4	962.7
125°	938.3	934.0	928.7	*921.8*	917.4	916.6	919.2	920.0	916.6	912.2	913.1
127.5°	883.5	880.9	875.6	*867.8*	864.3	863.5	866.1	867.8	863.5	860.8	860.0
130°	826.0	824.3	819.9	*813.8*	810.4	811.2	813.8	816.5	812.1	809.5	807.8
132.5°	769.5	769.5	766.8	*760.7*	756.4	759.9	761.6	763.4	759.0	758.1	757.3
135°	718.1	717.2	712.0	*708.5*	705.0	705.9	709.4	708.5	707.7	705.9	704.2
137.5°	665.0	665.0	662.4	*656.3*	656.3	657.2	658.9	658.9	659.8	656.3	657.2
140°	615.4	614.5	612.8	*608.4*	605.8	607.6	609.3	610.2	610.2	606.7	607.6
142.5°	568.4	567.5	562.3	*559.7*	559.7	560.6	561.4	562.3	562.3	560.6	561.4
145°	517.9	519.6	517.0	*514.4*	514.4	514.4	517.0	517.9	518.8	517.0	517.0
147.5°	476.1	477.9	475.3	*473.5*	473.5	473.5	475.3	476.1	474.4	475.3	475.3
150°	437.0	437.0	435.2	*434.3*	433.5	434.3	436.1	437.0	437.0	435.2	435.2
152.5°	399.5	398.7	397.8	*397.8*	397.8	397.8	399.5	399.5	400.4	400.4	398.7
155°	367.3	366.4	366.4	*365.6*	366.4	366.4	366.4	367.3	367.3	368.2	369.1
157.5°	337.7	336.9	337.7	*337.7*	337.7	338.6	338.6	339.5	337.7	338.6	339.5
160°	313.4	314.2	313.4	*312.5*	312.5	313.4	313.4	314.2	314.2	313.4	314.2
162.5°	292.5	292.5	291.6	*292.5*	293.3	292.5	292.5	293.3	293.3	293.3	293.3
165°	275.9	275.1	275.1	*275.1*	275.1	275.1	275.9	275.9	275.9	275.9	276.8
167.5°	261.1	260.3	260.3	*260.3*	261.1	261.1	261.1	262.0	262.0	262.0	261.1
170°	249.8	248.9	248.9	*248.9*	249.8	249.8	249.8	249.8	249.8	249.8	249.8
172.5°	240.2	240.2	240.2	*240.2*	240.2	240.2	240.2	240.2	240.2	241.1	240.2
175°	234.1	234.1	234.1	*234.1*	233.3	233.3	234.1	234.1	234.1	234.1	234.1
177.5°	228.9	228.9	229.8	*228.9*	228.9	228.9	229.8	229.8	229.8	228.9	228.9
180°	227.2	227.2	227.2	*227.2*	227.2	227.2	227.2	227.2	227.2	227.2	227.2

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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

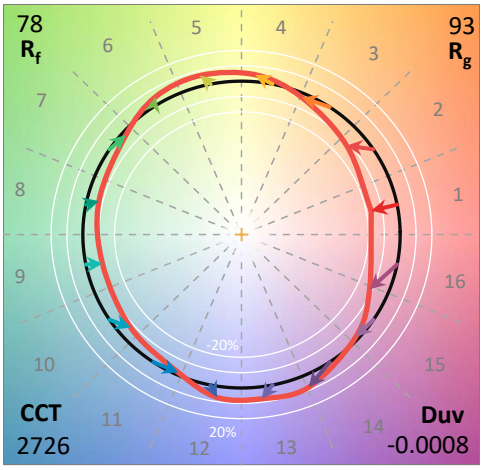
Test Information

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

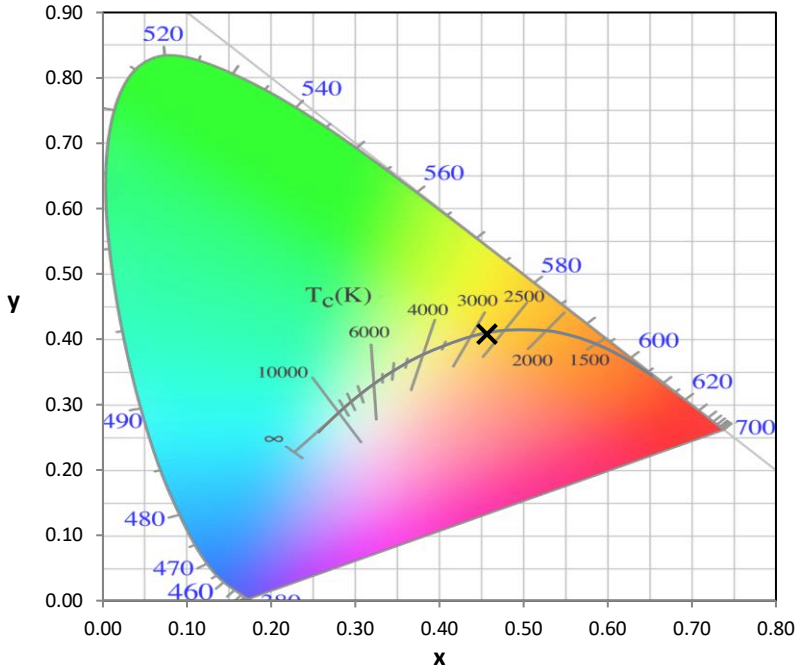
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

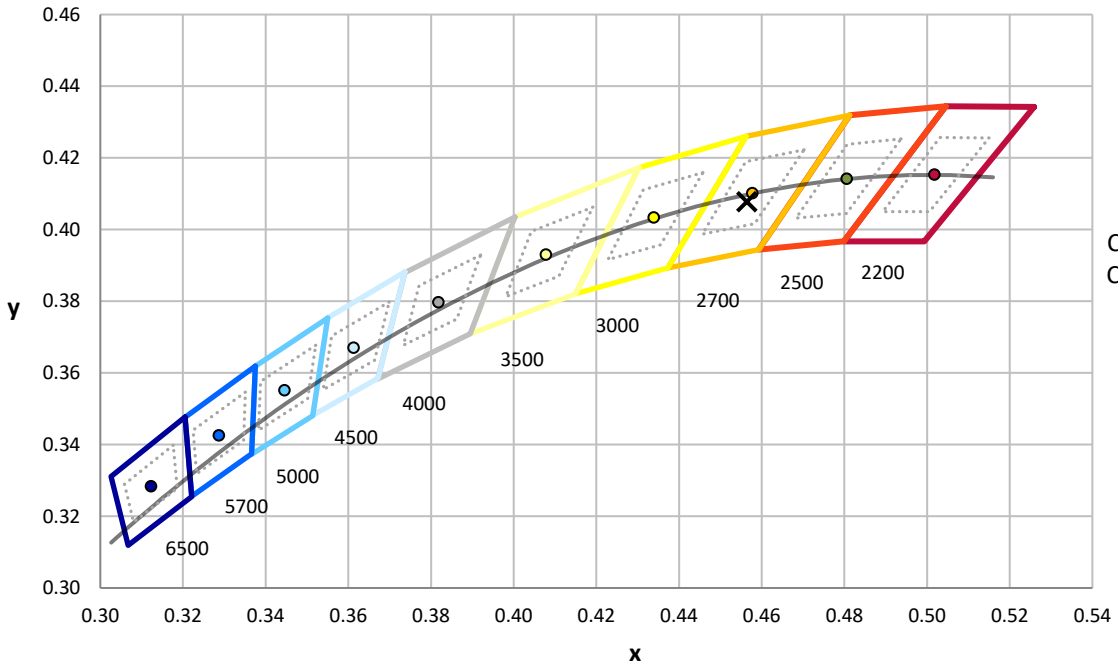
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

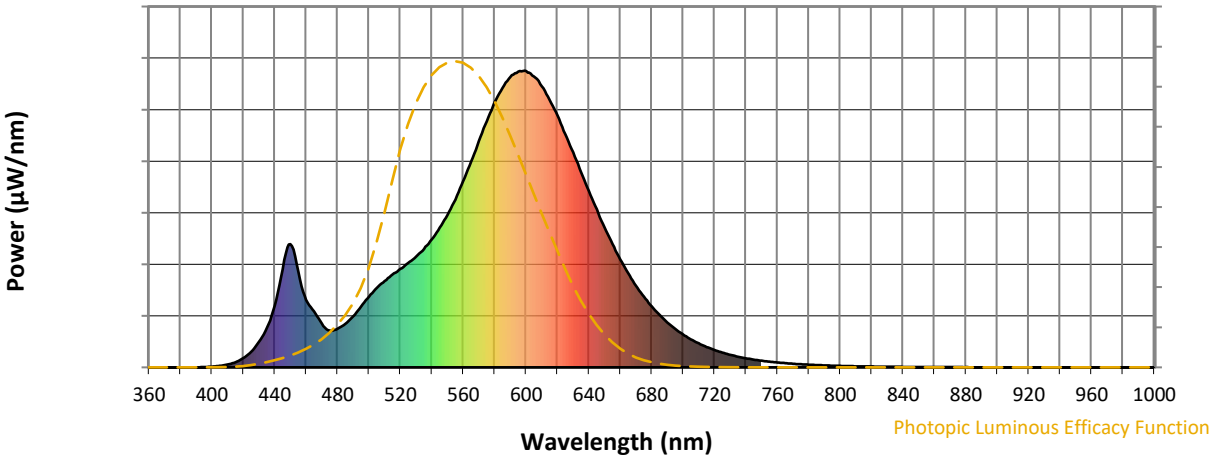


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

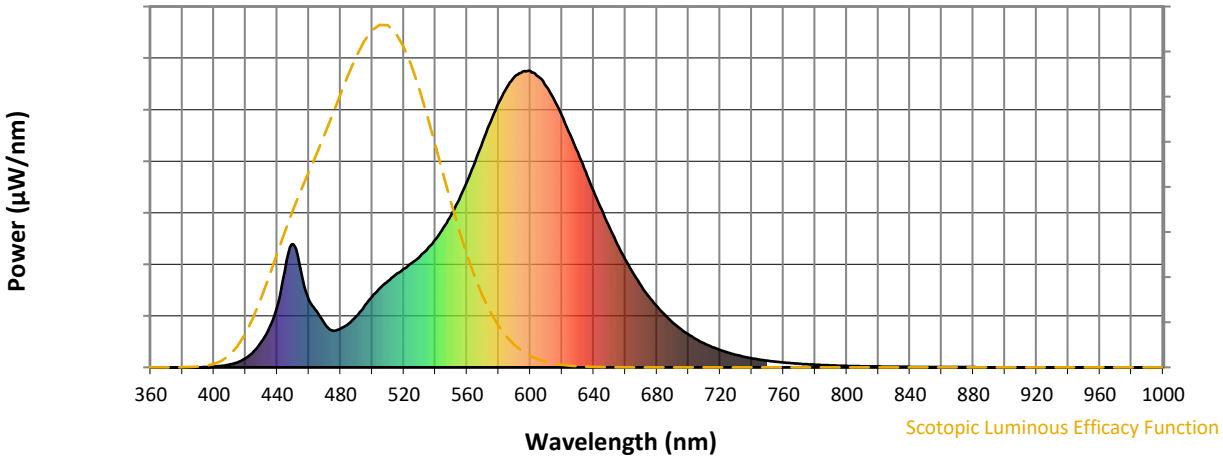


Photopic Lumens: NR

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

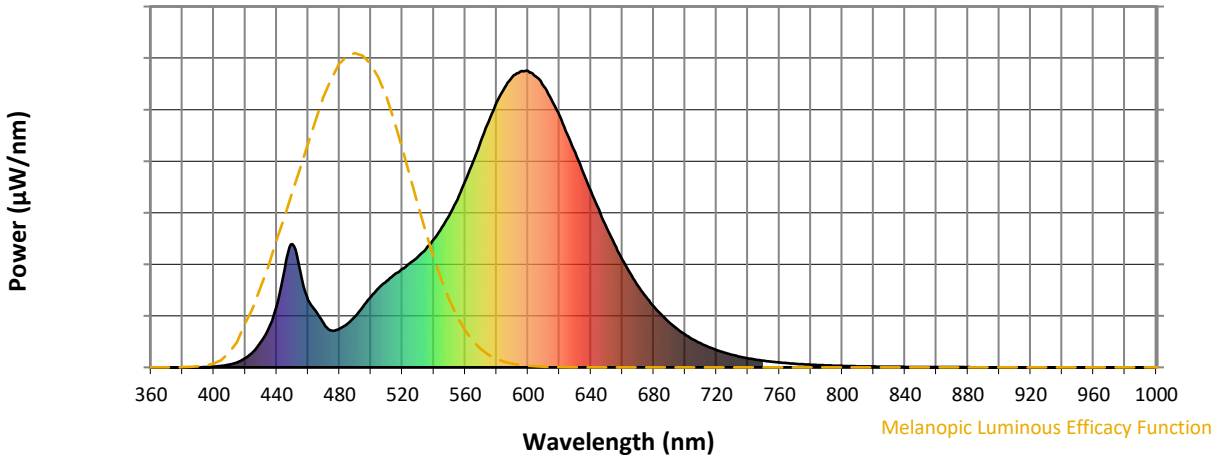


Scotopic Lumens: NR **S/P: 1.16**

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			

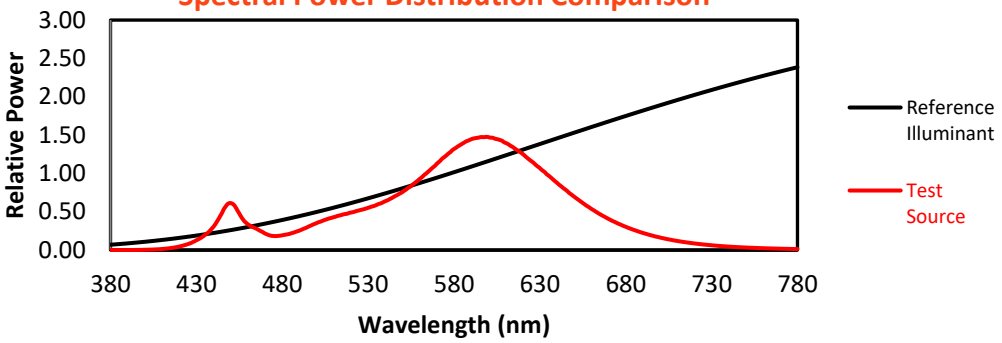
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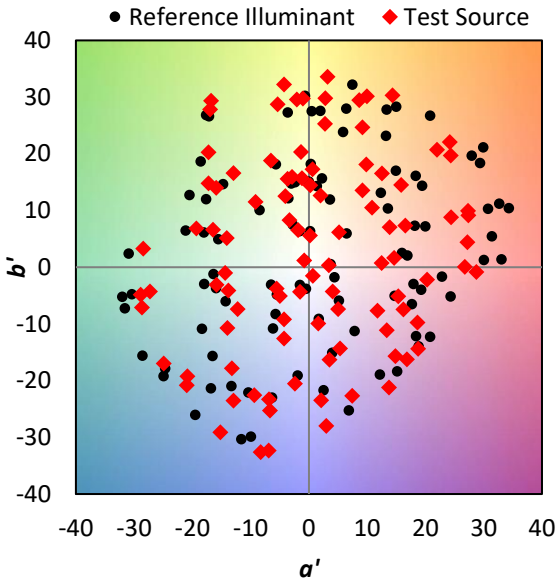
Summary

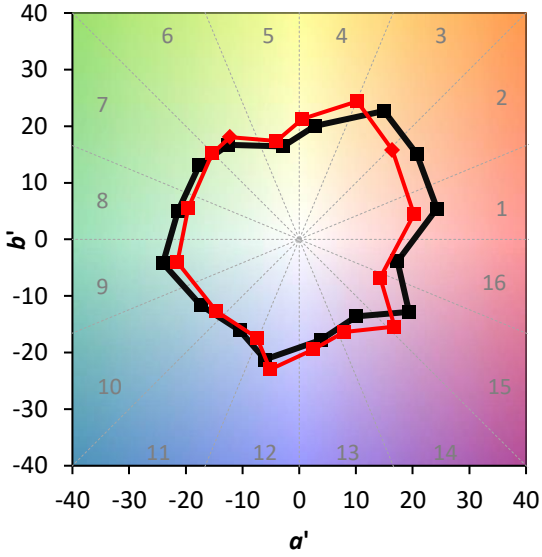
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R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

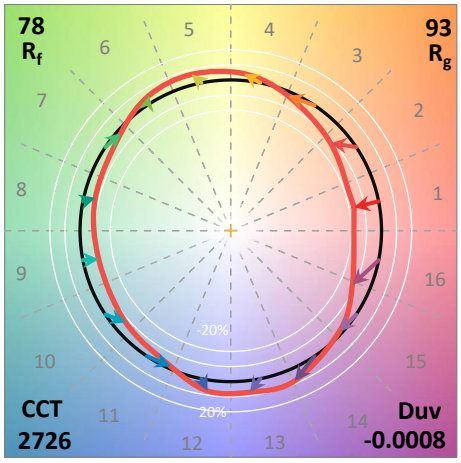
Spectral Power Distribution Comparison

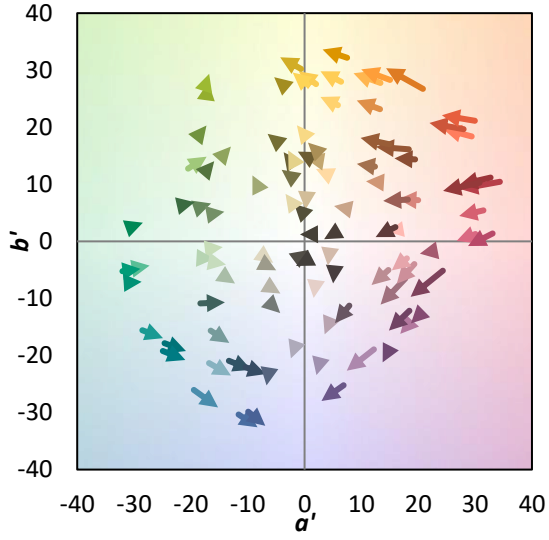


Color Vector Graphics







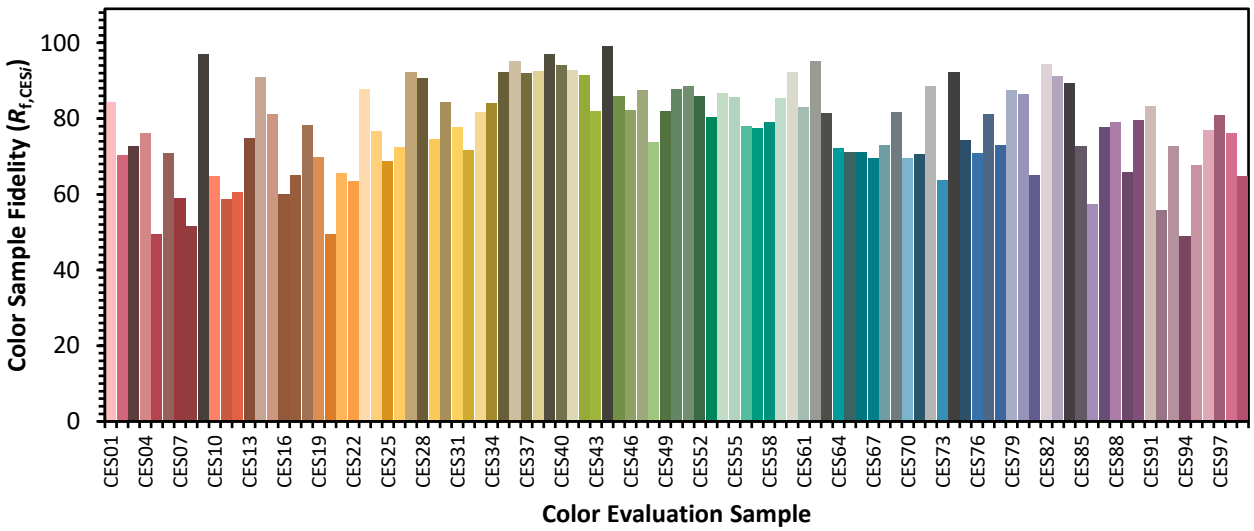


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Individual Sample Fidelity Index ($R_{f,i}$)

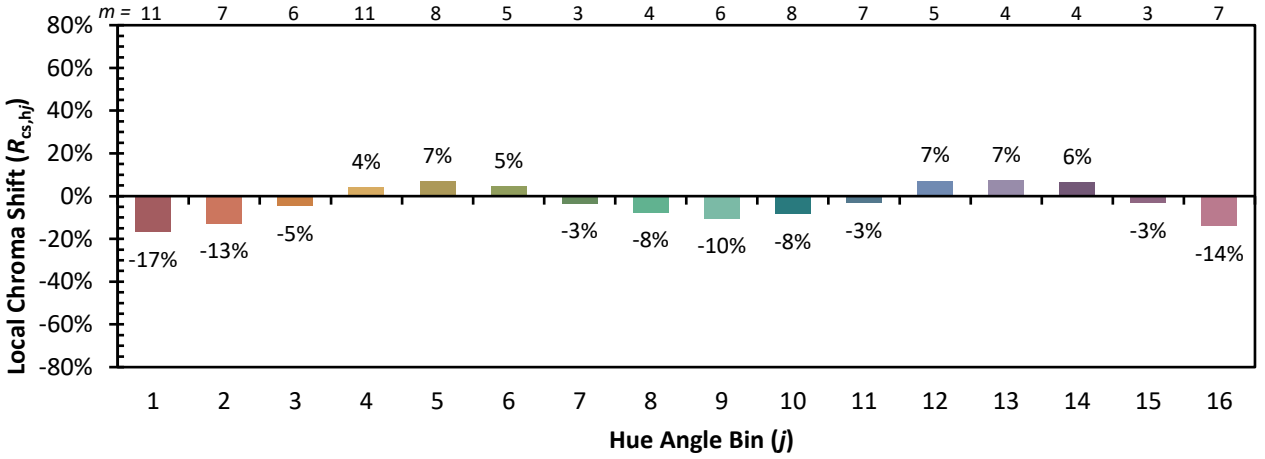
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CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57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

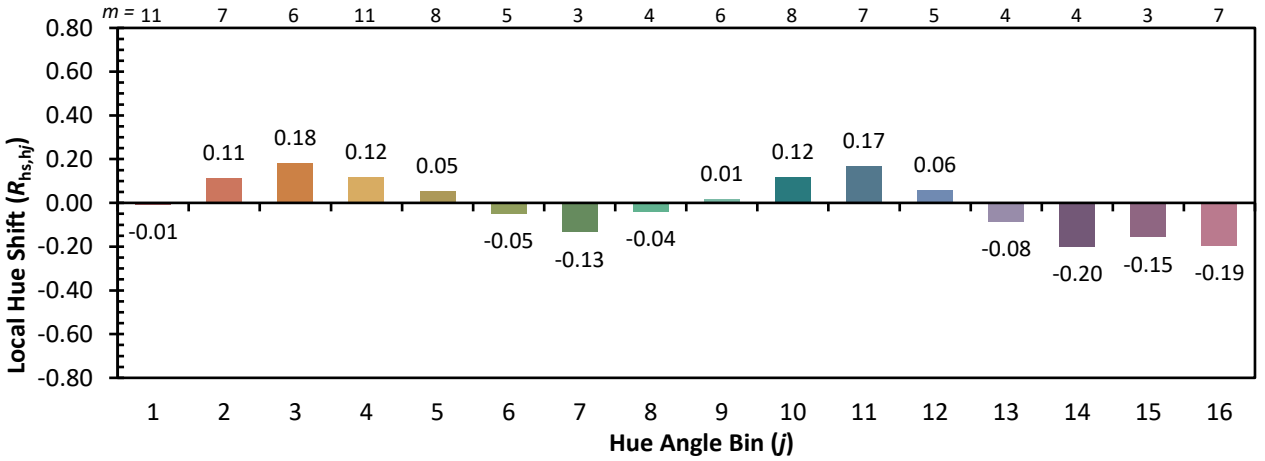


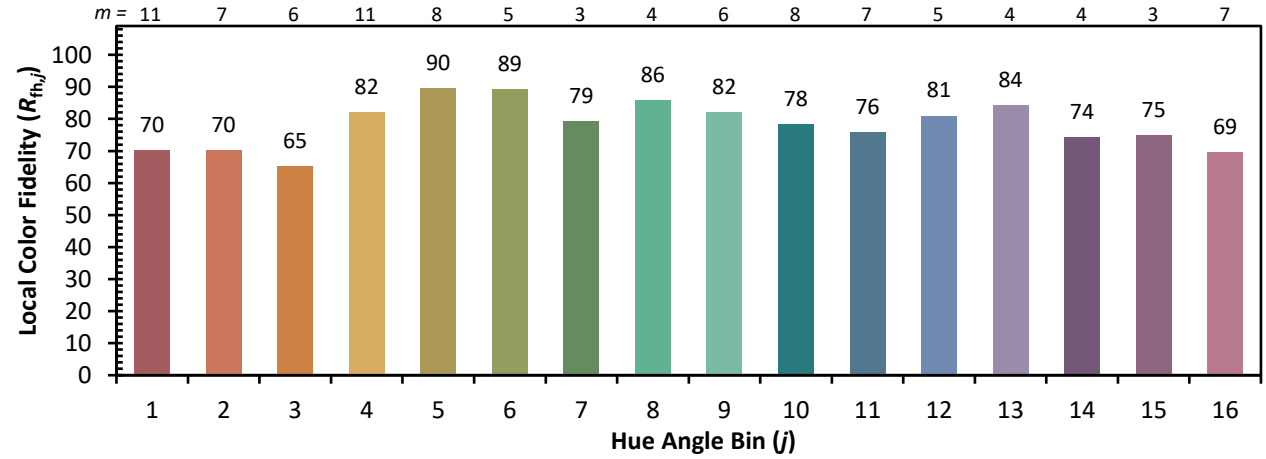
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Color Rendition by Hue-Angle Bin



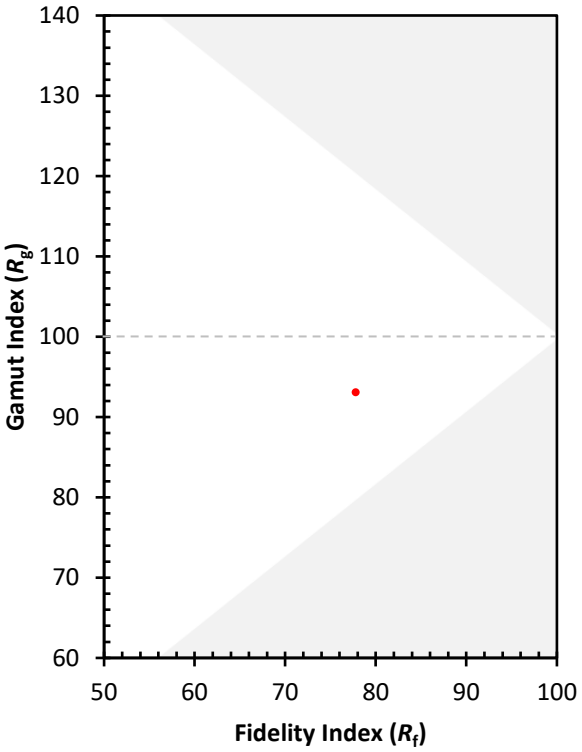


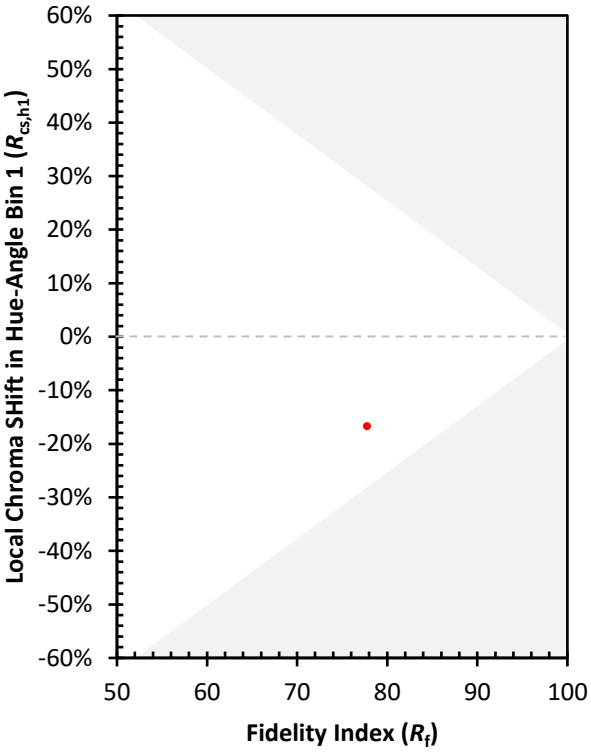


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Measure Comparisons





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