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: P981264

Luminaire Tested: **FFX-CLB-80-750-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:	P981264
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-750-U-VM8-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13704.3 lumens
Efficiency:	N/A
Efficacy:	167.5 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):	81.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.01%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

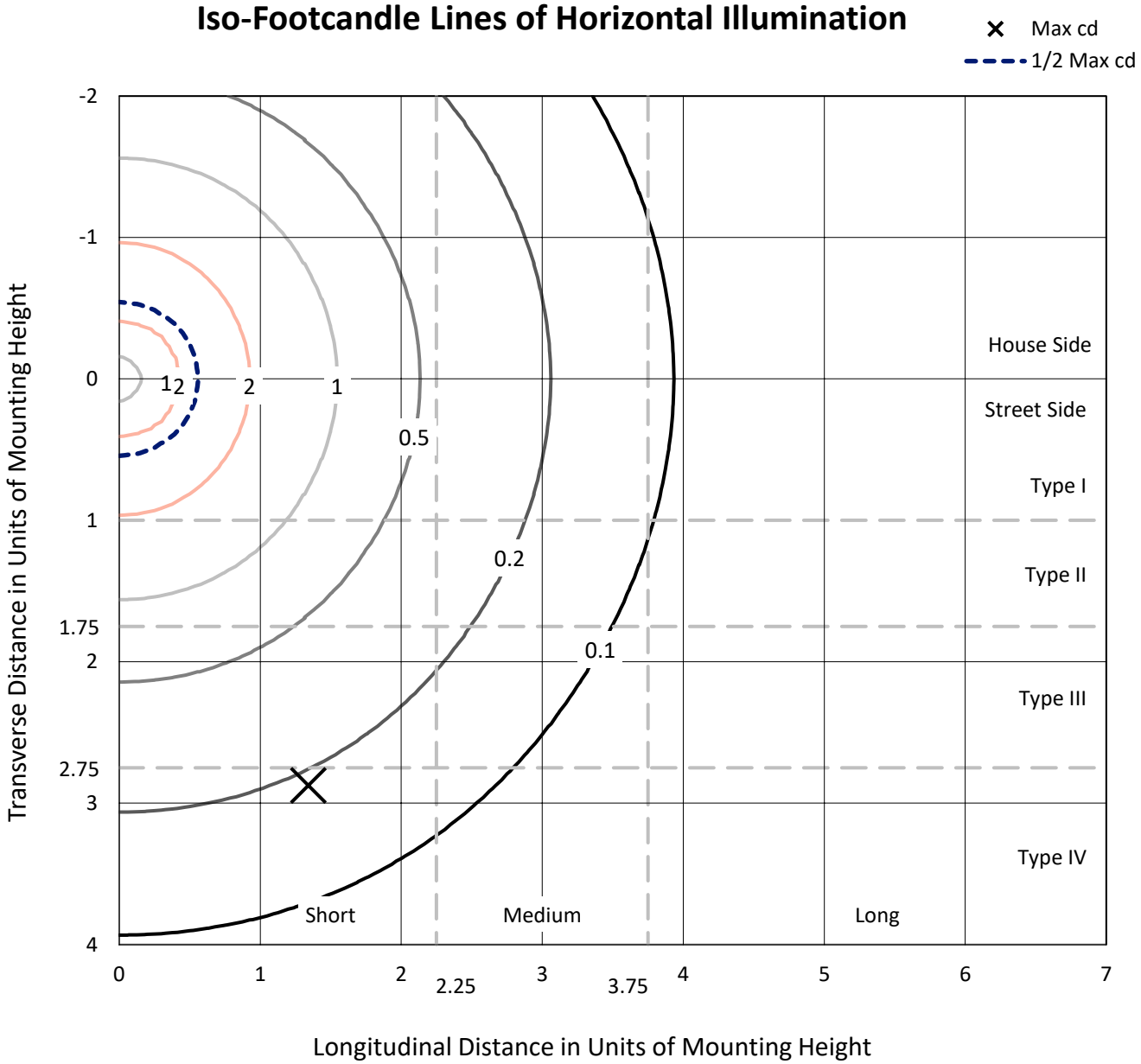


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Scaled Data Report

REPORT NUMBER: P981264
CATALOG NUMBER: FFX-CLB-80-750-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



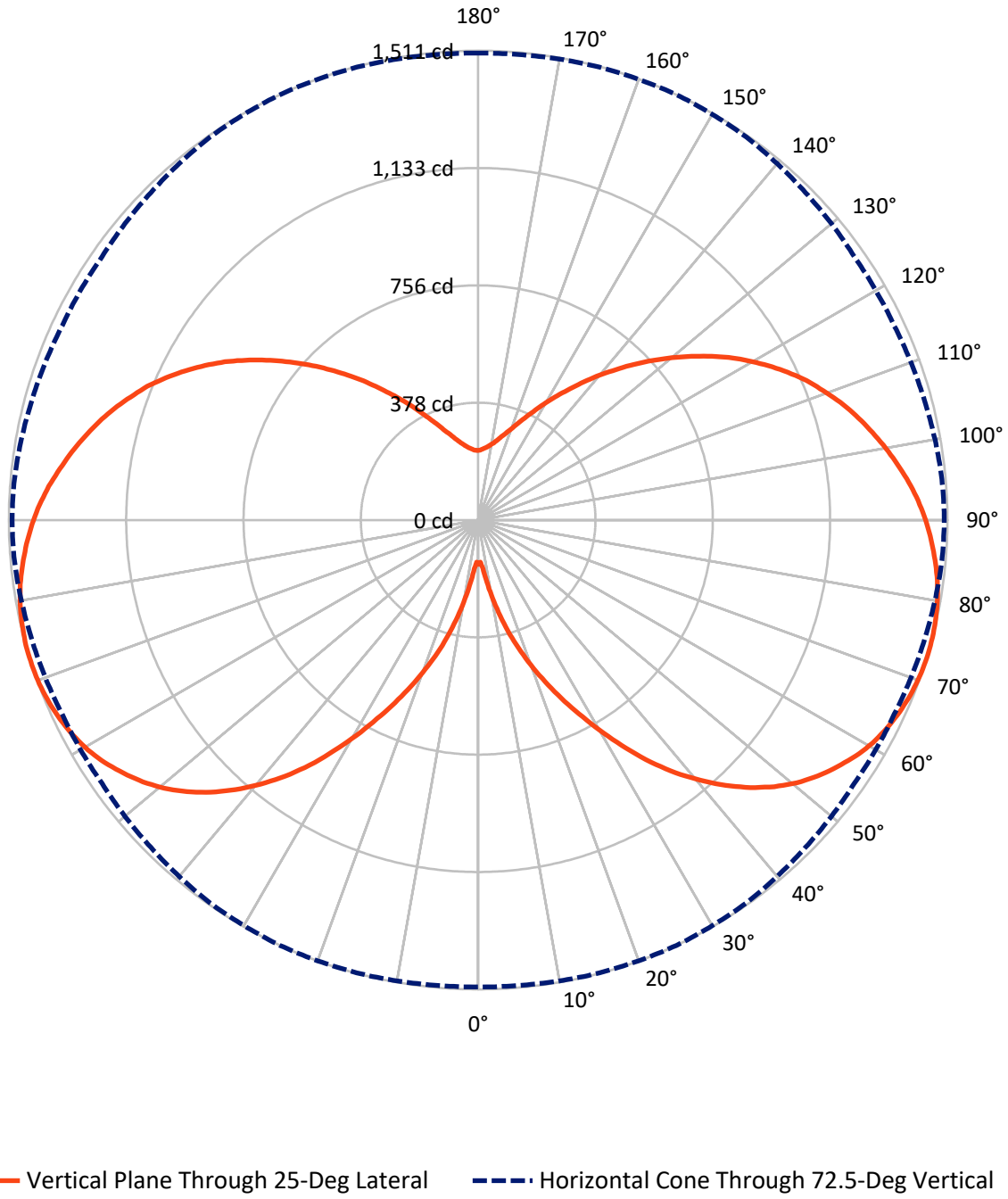
Based on 15 foot mounting height. Maximum calculated value = 2.4 fc
Type V - Short - N/A

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REPORT NUMBER: P981264
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Luminous Intensity Polar Plot



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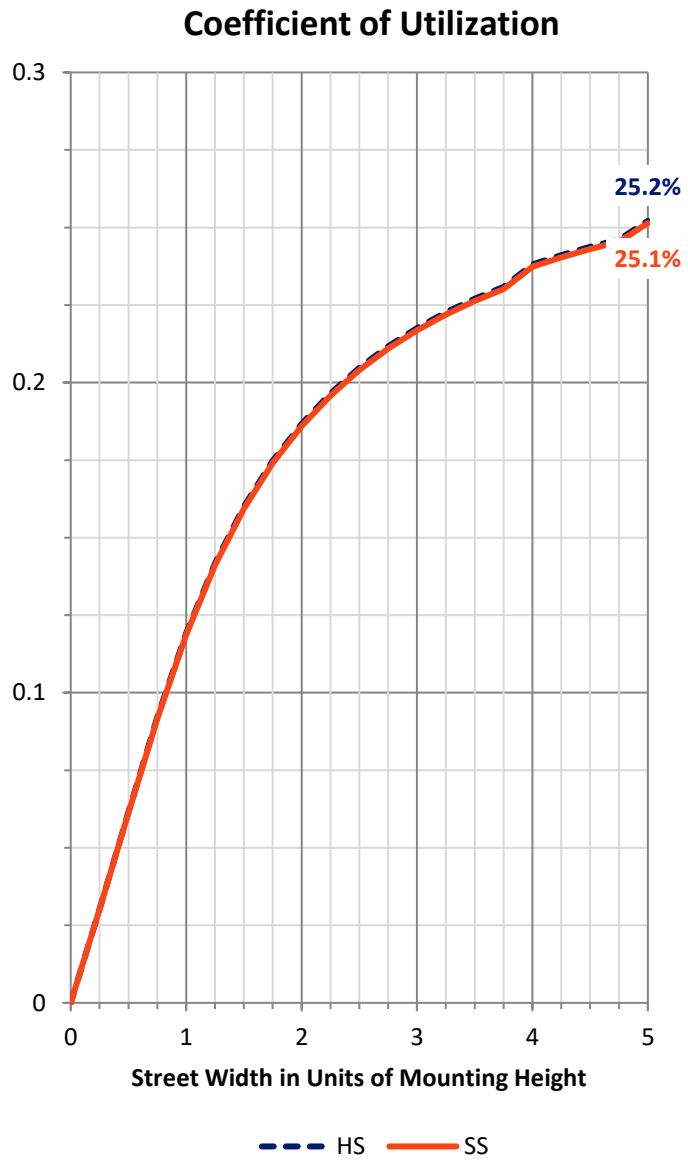
REPORT NUMBER: P981264
CATALOG NUMBER: FFX-CLB-80-750-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3920.3	2931.9	6852.1
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	3920.3	2931.9	6852.1
	% Fixture	28.6	21.4	50.0
Total	Lumens	7840.6	5863.7	13704.3
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.3	0.1
10°-20°	111.5	0.8
20°-30°	301.7	2.2
30°-40°	595.7	4.3
40°-50°	938.5	6.8
50°-60°	1243.6	9.1
60°-70°	1462.2	10.7
70°-80°	1579.7	11.5
80°-90°	1589.4	11.6
90°-100°	1496.6	10.9
100°-110°	1322.8	9.7
110°-120°	1090.5	8.0
120°-130°	815.1	5.9
130°-140°	544.2	4.0
140°-150°	323.3	2.4
150°-160°	170.2	1.2
160°-170°	78.5	0.6
170°-180°	22.5	0.2
0°-90°	7840.6	57.2
0°-180°	13704.3	100.0



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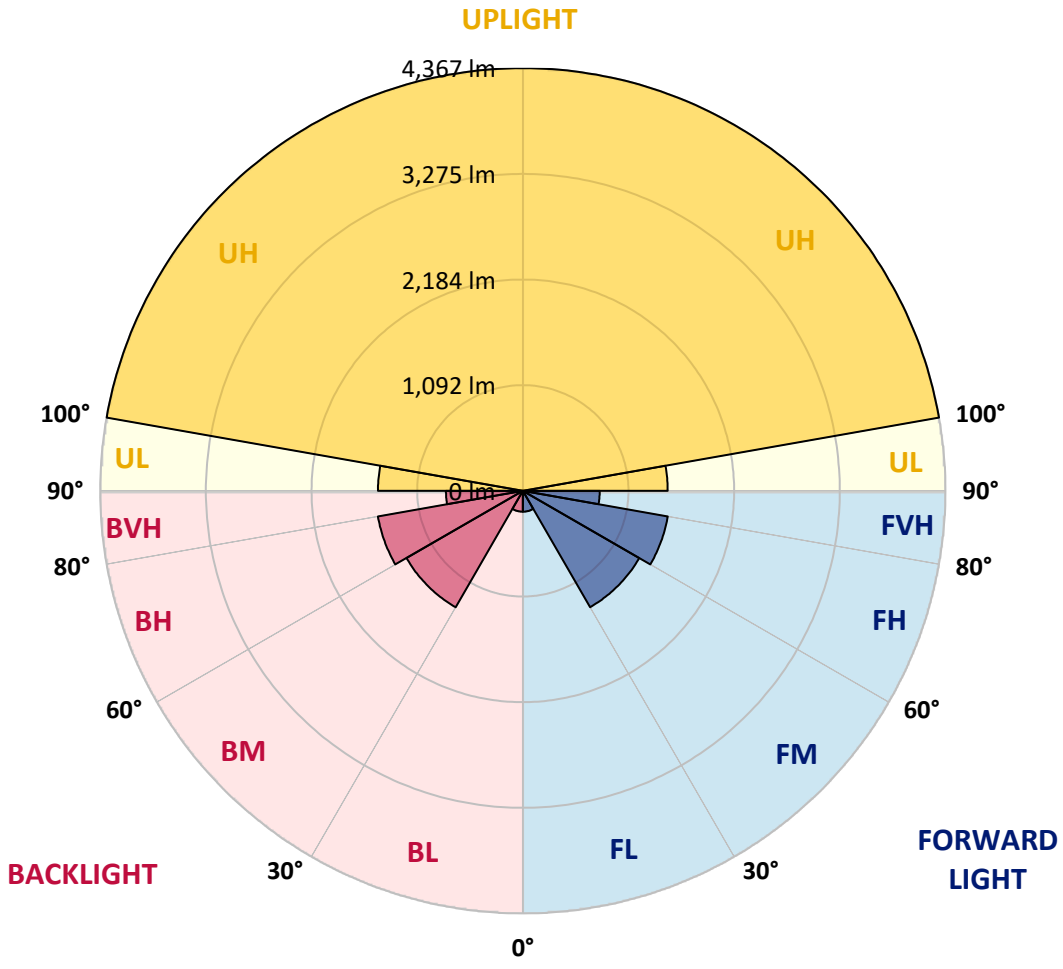
Scaled Data Report

REPORT NUMBER: P981264
CATALOG NUMBER: FFX-CLB-80-750-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	215.8	1.6			
FM	(30°-60°)	1388.9	10.1			
FH	(60°-80°)	1520.9	11.1			G1/1800
FVH	(80°-90°)	794.7	5.8			G5
BL	(0°-30°)	215.8	1.6	B1/500		
BM	(30°-60°)	1388.9	10.1	B2/2500		
BH	(60°-80°)	1520.9	11.1	B3/2500		G1/1800
BVH	(80°-90°)	794.7	5.8			G5
UL	(90°-100°)	1496.6	10.9		U5	
UH	(100°-180°)	4367.1	31.9		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P981264
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	142.4	142.4	142.4	*142.4*	142.4	142.4	142.4	142.4	142.4	142.4	142.4
2.5°	133.8	133.8	134.7	*135.5*	136.4	137.2	138.1	138.9	139.8	138.9	138.9
5°	154.4	156.1	156.1	*156.1*	155.2	156.1	157.8	157.8	159.5	158.7	157.8
7.5°	198.1	202.4	202.4	*201.5*	200.7	201.5	200.7	200.7	200.7	199.8	201.5
10°	258.2	256.4	257.3	*256.4*	254.7	255.6	256.4	254.7	254.7	254.7	254.7
12.5°	316.5	315.6	318.2	*317.3*	318.2	315.6	317.3	315.6	315.6	313.0	313.9
15°	385.1	385.1	384.2	*381.7*	382.5	379.1	380.8	379.9	377.4	377.4	376.5
17.5°	448.6	447.7	448.6	*445.1*	445.1	444.3	442.5	441.7	441.7	439.1	438.3
20°	512.0	510.3	509.4	*509.4*	506.9	506.9	505.2	501.7	500.0	500.9	499.2
22.5°	580.6	577.2	577.2	*577.2*	572.1	570.3	569.5	566.0	566.0	563.5	563.5
25°	649.2	650.1	650.1	*646.7*	644.1	640.7	638.9	636.4	633.8	632.9	633.8
27.5°	724.7	726.4	723.9	*717.9*	717.0	713.6	709.3	705.8	706.7	702.4	705.8
30°	807.0	803.6	798.5	*796.8*	793.3	789.9	786.5	779.6	780.5	778.7	779.6
32.5°	882.5	882.5	880.8	*875.7*	873.1	865.4	861.9	853.4	854.2	853.4	849.9
35°	964.9	962.3	958.9	*958.0*	949.4	944.3	938.3	928.8	930.6	929.7	930.6
37.5°	1034.3	1035.2	1036.9	*1032.6*	1024.9	1018.0	1011.2	1004.3	1002.6	1003.5	1001.7
40°	1109.8	1108.9	1107.2	*1102.1*	1096.1	1088.4	1079.8	1075.5	1070.3	1073.8	1072.9
42.5°	1171.6	1174.1	1173.3	*1168.1*	1160.4	1152.7	1145.8	1139.0	1136.4	1135.5	1135.5
45°	1231.6	1232.4	1229.9	*1229.0*	1218.7	1211.9	1203.3	1197.3	1195.6	1195.6	1198.1
47.5°	1287.3	1286.5	1284.8	*1283.0*	1275.3	1265.0	1254.7	1250.5	1249.6	1251.3	1252.2
50°	1331.9	1333.6	1332.8	*1330.2*	1322.5	1313.1	1301.9	1297.6	1298.5	1300.2	1301.1
52.5°	1372.2	1372.2	1373.1	*1369.7*	1362.8	1352.5	1342.2	1338.8	1338.8	1341.4	1339.7
55°	1403.1	1404.8	1405.7	*1403.1*	1398.8	1386.8	1376.5	1370.5	1373.1	1375.7	1376.5
57.5°	1432.3	1434.0	1434.0	*1434.0*	1427.1	1416.0	1405.7	1400.5	1404.0	1408.3	1409.1
60°	1455.4	1456.3	1458.9	*1458.9*	1452.9	1440.0	1428.8	1424.6	1428.8	1434.8	1434.0
62.5°	1472.6	1472.6	1476.0	*1476.9*	1470.9	1458.0	1446.9	1443.4	1448.6	1455.4	1458.0
65°	1487.2	1488.0	1490.6	*1491.5*	1486.3	1471.7	1459.7	1458.9	1465.7	1472.6	1473.4
67.5°	1494.9	1495.7	1500.0	*1501.7*	1495.7	1481.2	1470.0	1467.4	1476.9	1485.5	1486.3
70°	1500.0	1501.7	1506.9	*1508.6*	1502.6	1487.2	1475.2	1474.3	1484.6	1494.0	1494.9
72.5°	*1503.5*	*1504.3*	*1509.5*	*1511.2*	*1505.2*	*1490.6*	*1478.6*	*1478.6*	*1488.0*	*1499.2*	*1500.9*
75°	1503.5	1504.3	1508.6	*1511.2*	1505.2	1489.7	1476.9	1476.9	1489.7	1500.9	1503.5
77.5°	1496.6	1499.2	1504.3	*1506.9*	1500.9	1485.5	1473.4	1473.4	1486.3	1498.3	1500.9
80°	1489.7	1490.6	1496.6	*1500.0*	1493.2	1478.6	1465.7	1465.7	1479.4	1492.3	1494.0
82.5°	1478.6	1479.4	1485.5	*1488.9*	1482.9	1467.4	1454.6	1455.4	1468.3	1481.2	1482.9
85°	1463.2	1464.9	1470.9	*1473.4*	1468.3	1452.0	1440.0	1440.9	1454.6	1466.6	1468.3
87.5°	1446.9	1446.9	1453.7	*1456.3*	1451.1	1434.8	1422.8	1422.8	1436.6	1449.4	1450.3
90°	1424.6	1426.3	1432.3	*1436.6*	1429.7	1416.0	1403.1	1403.1	1416.0	1428.0	1431.4
92.5°	1404.0	1404.8	1410.8	*1413.4*	1407.4	1392.8	1381.7	1381.7	1394.5	1406.5	1408.3
95°	1379.1	1379.1	1383.4	*1386.8*	1380.0	1368.0	1357.7	1357.7	1368.0	1378.2	1380.0
97.5°	1352.5	1352.5	1357.7	*1356.8*	1351.7	1338.8	1330.2	1329.4	1339.7	1348.2	1350.8
100°	1322.5	1324.2	1327.6	*1326.8*	1322.5	1309.6	1301.9	1301.9	1309.6	1317.4	1319.1
102.5°	1293.3	1293.3	1295.1	*1294.2*	1288.2	1277.0	1272.8	1271.9	1278.8	1283.9	1284.8
105°	1263.3	1263.3	1261.6	*1261.6*	1253.9	1245.3	1240.2	1240.2	1246.2	1249.6	1249.6
107.5°	1229.0	1227.3	1229.0	*1226.4*	1218.7	1210.1	1207.6	1206.7	1209.3	1212.7	1211.0
110°	1193.9	1193.0	1192.1	*1187.0*	1181.0	1175.8	1171.6	1171.6	1174.1	1175.0	1175.0

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Scaled Data Report

REPORT NUMBER: P981264
CATALOG NUMBER: FFX-CLB-80-750-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1157.0	1156.1	1153.5	*1149.3*	1142.4	1137.2	1133.8	1133.8	1134.7	1133.8	1132.1
115°	1116.7	1114.9	1112.4	*1104.7*	1097.8	1094.4	1092.6	1094.4	1093.5	1090.9	1090.9
117.5°	1072.9	1071.2	1066.9	*1058.3*	1052.3	1049.8	1050.6	1049.8	1048.0	1045.5	1046.3
120°	1024.0	1024.0	1017.2	*1010.3*	1005.2	1005.2	1004.3	1004.3	1001.7	998.3	996.6
122.5°	973.4	973.4	967.4	*961.4*	955.4	955.4	956.3	955.4	953.7	950.3	948.6
125°	924.5	920.3	915.1	*908.3*	904.0	903.1	905.7	906.5	903.1	898.8	899.7
127.5°	870.5	867.9	862.8	*855.1*	851.6	850.8	853.4	855.1	850.8	848.2	847.4
130°	813.9	812.2	807.9	*801.9*	798.5	799.3	801.9	804.5	800.2	797.6	795.9
132.5°	758.2	758.2	755.6	*749.6*	745.3	748.7	750.4	752.2	747.9	747.0	746.2
135°	707.6	706.7	701.6	*698.1*	694.7	695.6	699.0	698.1	697.3	695.6	693.8
137.5°	655.2	655.2	652.7	*646.7*	646.7	647.5	649.2	649.2	650.1	646.7	647.5
140°	606.4	605.5	603.8	*599.5*	596.9	598.6	600.4	601.2	601.2	597.8	598.6
142.5°	560.0	559.2	554.0	*551.5*	551.5	552.3	553.2	554.0	554.0	552.3	553.2
145°	510.3	512.0	509.4	*506.9*	506.9	506.9	509.4	510.3	511.2	509.4	509.4
147.5°	469.1	470.9	468.3	*466.6*	466.6	466.6	468.3	469.1	467.4	468.3	468.3
150°	430.5	430.5	428.8	*428.0*	427.1	428.0	429.7	430.5	430.5	428.8	428.8
152.5°	393.7	392.8	391.9	*391.9*	391.9	391.9	393.7	393.7	394.5	394.5	392.8
155°	361.9	361.1	361.1	*360.2*	361.1	361.1	361.1	361.9	361.9	362.8	363.6
157.5°	332.8	331.9	332.8	*332.8*	332.8	333.6	333.6	334.5	332.8	333.6	334.5
160°	308.8	309.6	308.8	*307.9*	307.9	308.8	308.8	309.6	309.6	308.8	309.6
162.5°	288.2	288.2	287.3	*288.2*	289.0	288.2	288.2	289.0	289.0	289.0	289.0
165°	271.9	271.0	271.0	*271.0*	271.0	271.0	271.9	271.9	271.9	271.9	272.7
167.5°	257.3	256.4	256.4	*256.4*	257.3	257.3	257.3	258.2	258.2	258.2	257.3
170°	246.1	245.3	245.3	*245.3*	246.1	246.1	246.1	246.1	246.1	246.1	246.1
172.5°	236.7	236.7	236.7	*236.7*	236.7	236.7	236.7	236.7	236.7	237.6	236.7
175°	230.7	230.7	230.7	*230.7*	229.9	229.9	230.7	230.7	230.7	230.7	230.7
177.5°	225.6	225.6	226.4	*225.6*	225.6	225.6	226.4	226.4	226.4	225.6	225.6
180°	223.8	223.8	223.8	*223.8*	223.8	223.8	223.8	223.8	223.8	223.8	223.8

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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: SP1-2501-332-5

Test Date: 03/25/2025

Luminaire Tested: FFX-CLB-100-750-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-750-U-FR-T5

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

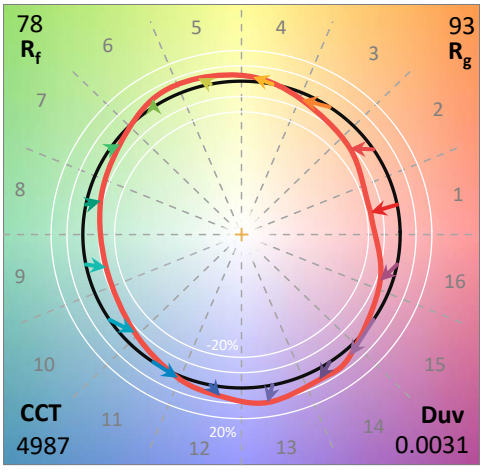
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-5
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-100-750-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	4987	CRI (Ra):	75.8		
CIE u':	0.2094	R1:	71.6	R9:	-30.4
CIE v':	0.4882	R2:	82.8	R10:	59.9
Duv:	0.0031	R3:	91.2	R11:	70.9
CIE x:	0.3461	R4:	73.8	R12:	51.2
CIE y:	0.3586	R5:	73.0	R13:	74.2
CIE z:	0.2954	R6:	76.1	R14:	95.3
Peak Wavelength (nm):	450	R7:	82.9	R15:	63.7
Dominant Wavelength (nm):	570	R8:	54.9		
Purity:	11.4				

Rf:	78.3
Rg:	93.4



Test Conditions

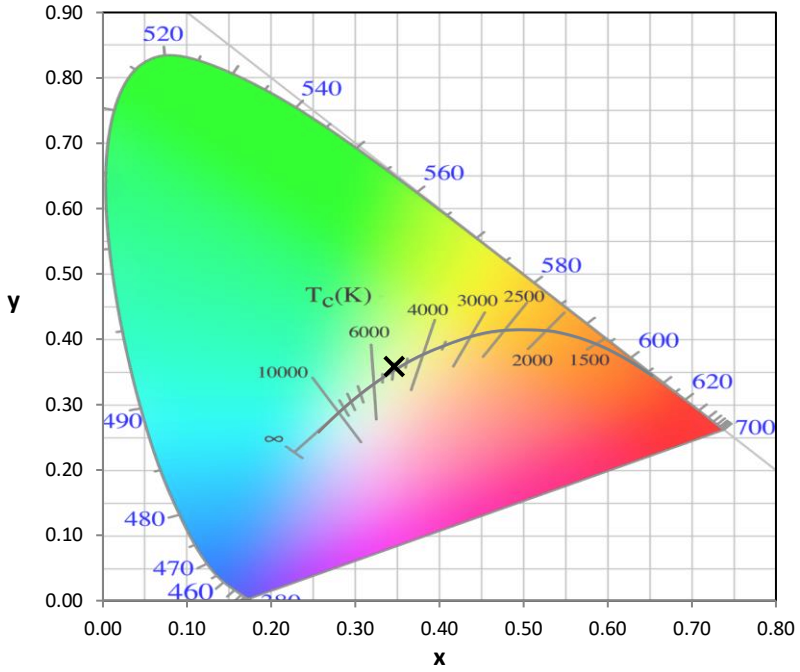
Stabilization Time:	67M
Operation Time:	2H 7M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-5

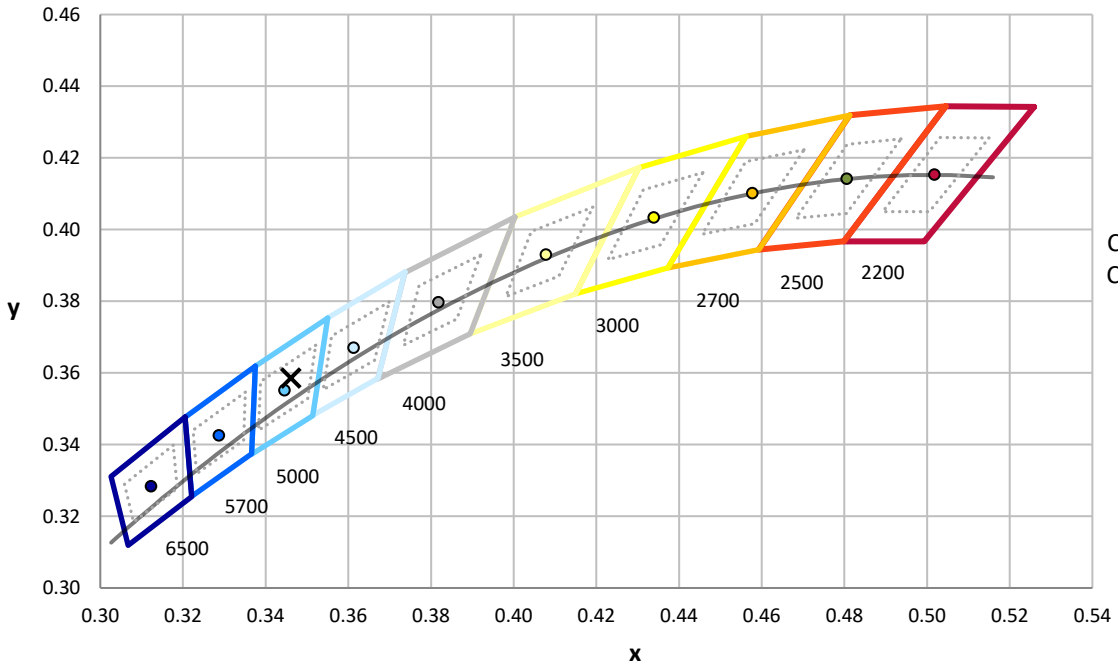
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-5

CIE 1931 Chromaticity Diagram



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

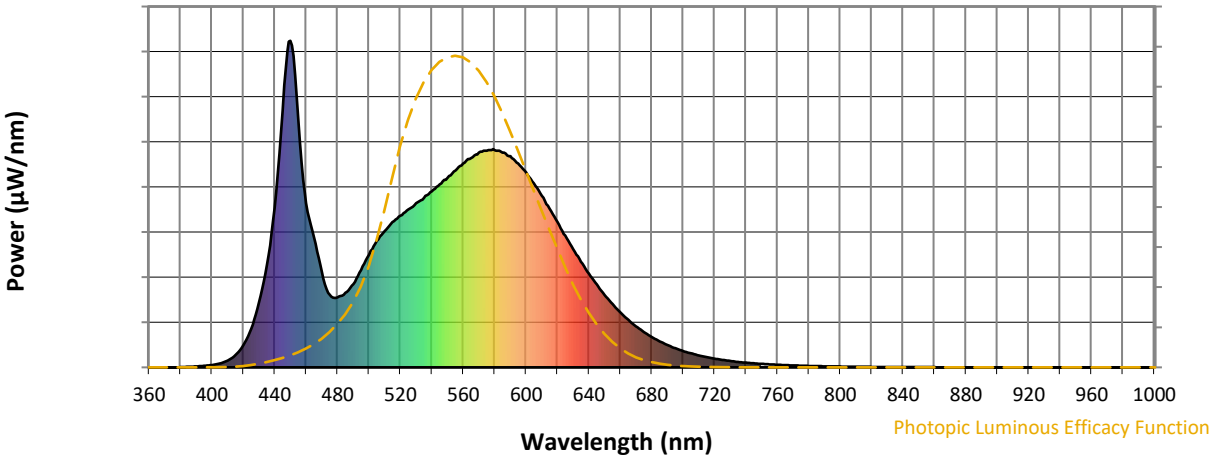


CCT = 4987K
CIE x = 0.3461
CIE y = 0.3586
Duv = 0.0031

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-5

Photopic Flux vs. Wavelength

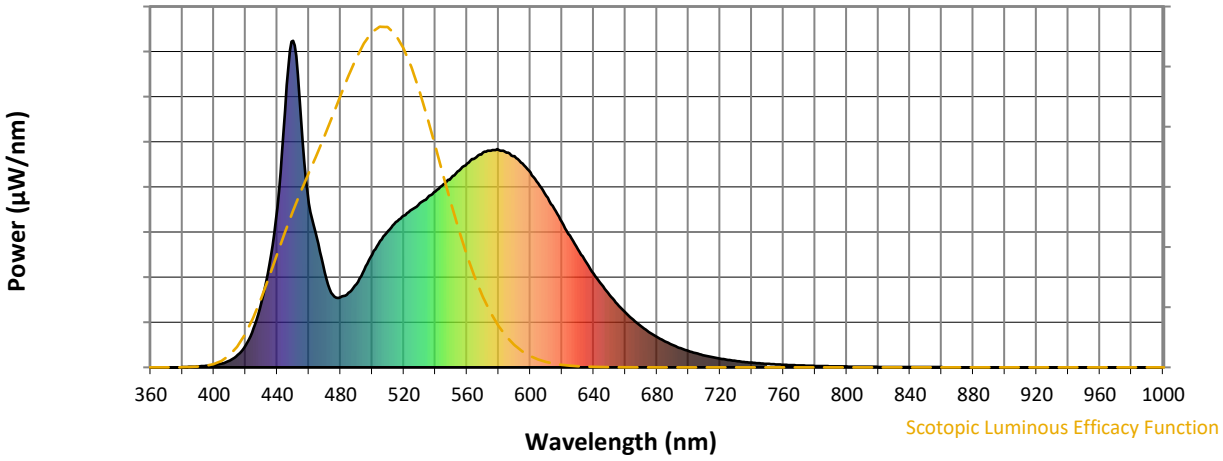


Photopic Lumens: NR

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

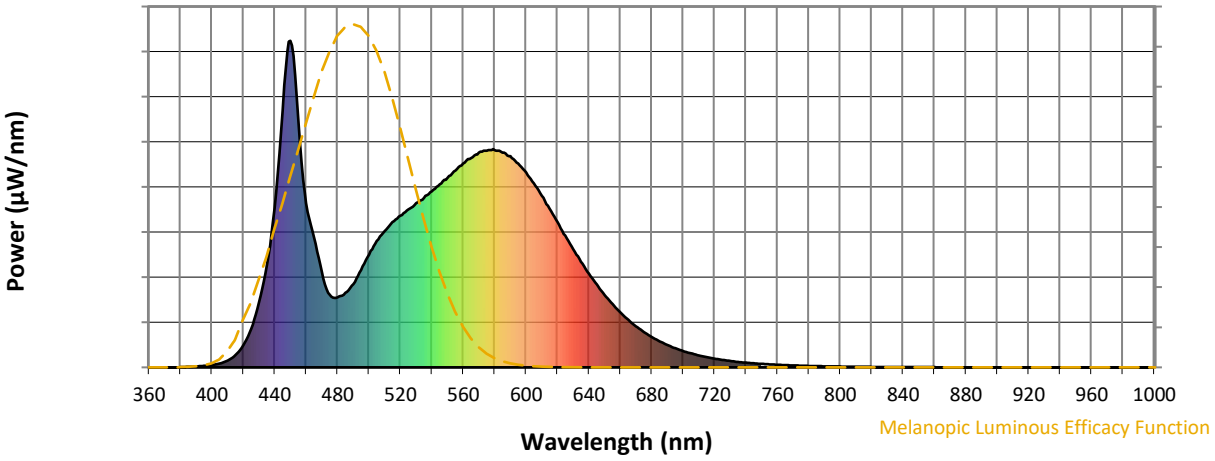


Scotopic Lumens: NR **S/P: 1.87**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.92**

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	255	NR	620	445	NR	750	11	NR	880	0	NR
365	0	NR	495	298	NR	625	403	NR	755	9	NR	885	0	NR
370	0	NR	500	345	NR	630	362	NR	760	8	NR	890	0	NR
375	0	NR	505	387	NR	635	323	NR	765	7	NR	895	0	NR
380	1	NR	510	417	NR	640	287	NR	770	6	NR	900	0	NR
385	2	NR	515	445	NR	645	254	NR	775	5	NR	905	0	NR
390	3	NR	520	464	NR	650	222	NR	780	4	NR	910	0	NR
395	5	NR	525	483	NR	655	194	NR	785	4	NR	915	0	NR
400	7	NR	530	503	NR	660	168	NR	790	3	NR	920	0	NR
405	12	NR	535	519	NR	665	146	NR	795	3	NR	925	0	NR
410	21	NR	540	539	NR	670	126	NR	800	3	NR	930	0	NR
415	38	NR	545	561	NR	675	108	NR	805	2	NR	935	0	NR
420	68	NR	550	580	NR	680	93	NR	810	2	NR	940	0	NR
425	119	NR	555	602	NR	685	80	NR	815	2	NR	945	0	NR
430	199	NR	560	624	NR	690	69	NR	820	2	NR	950	0	NR
435	315	NR	565	641	NR	695	59	NR	825	1	NR	955	0	NR
440	489	NR	570	657	NR	700	50	NR	830	1	NR	960	0	NR
445	787	NR	575	663	NR	705	43	NR	835	1	NR	965	0	NR
450	1000	NR	580	666	NR	710	36	NR	840	1	NR	970	0	NR
455	757	NR	585	657	NR	715	31	NR	845	1	NR	975	0	NR
460	503	NR	590	646	NR	720	27	NR	850	1	NR	980	0	NR
465	398	NR	595	624	NR	725	23	NR	855	1	NR	985	0	NR
470	290	NR	600	597	NR	730	20	NR	860	1	NR	990	0	NR
475	222	NR	605	564	NR	735	17	NR	865	0	NR	995	0	NR
480	215	NR	610	525	NR	740	14	NR	870	0	NR	1000	0	NR
485	228	NR	615	486	NR	745	12	NR	875	0	NR			

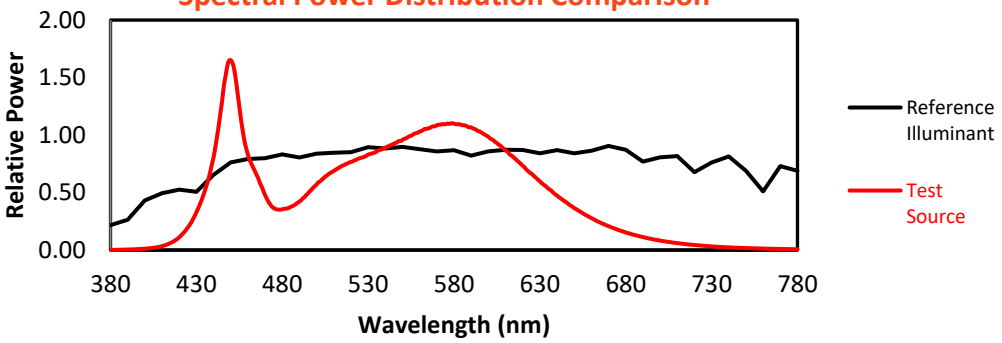
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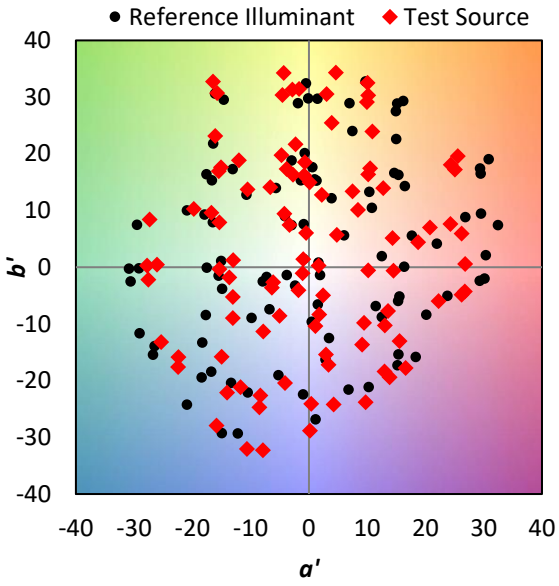
Summary

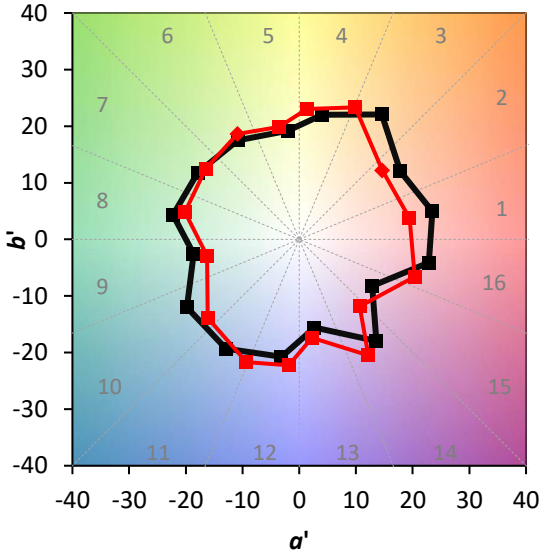
R_f = 78.3
R_g = 93.4
CIE R_a = 75.8
R_9 = -30.4

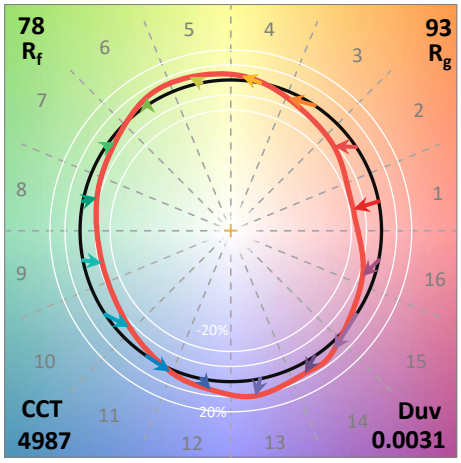
Spectral Power Distribution Comparison

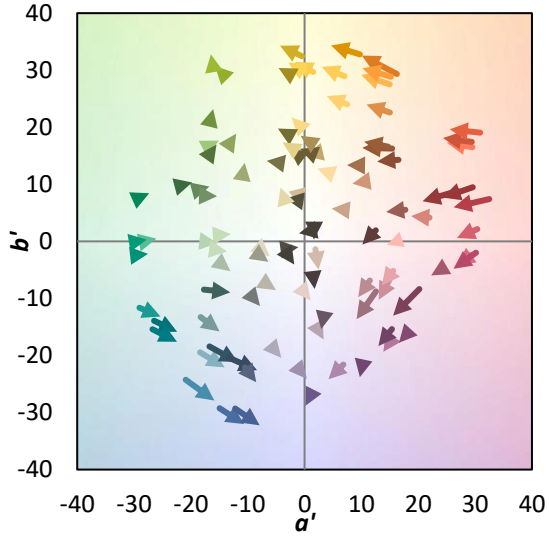


Color Vector Graphics







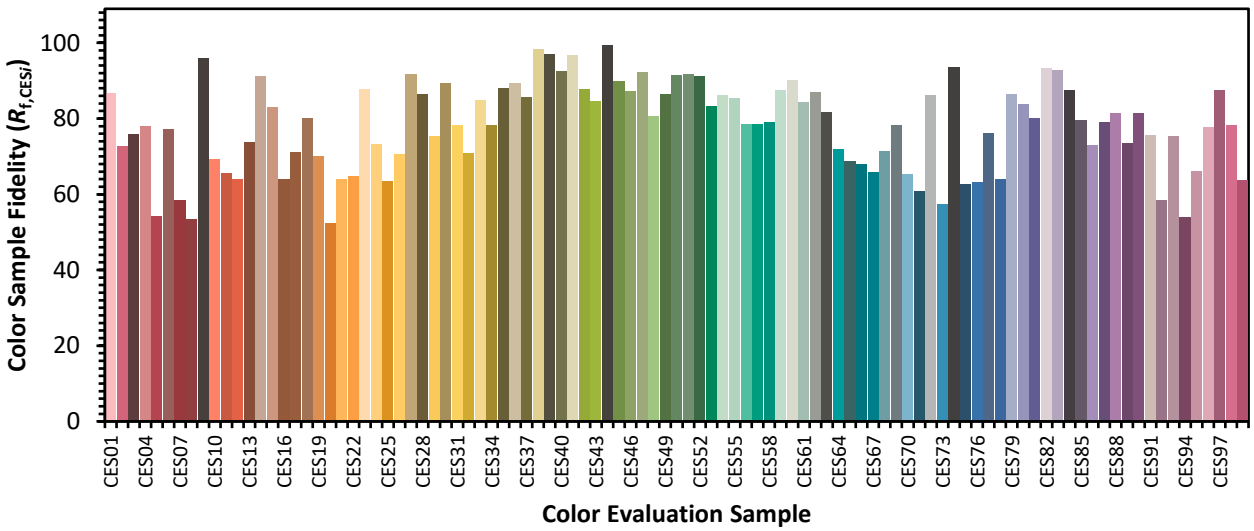


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Individual Sample Fidelity Index ($R_{f,i}$)

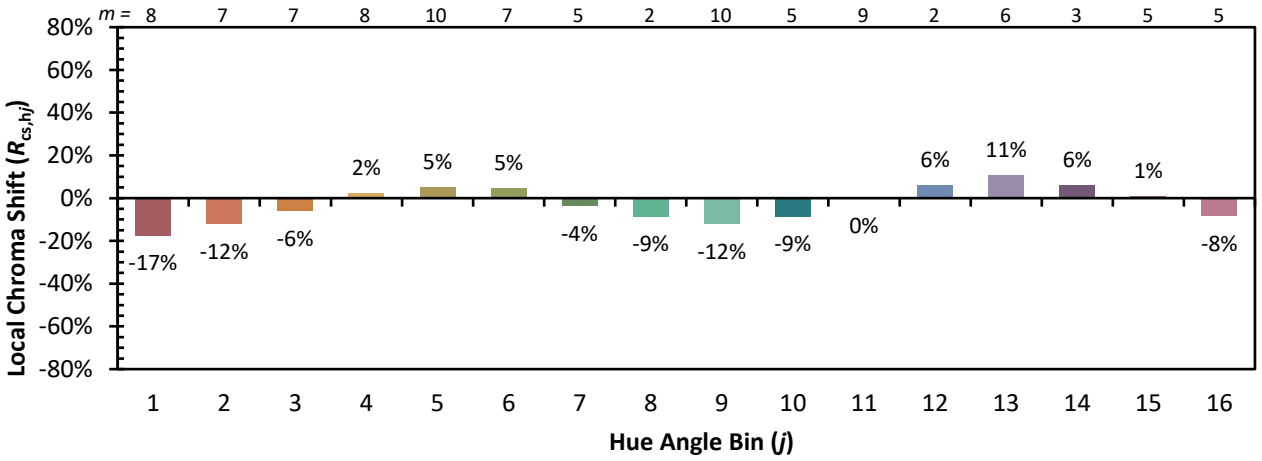
CES01 = 85	CES26 = 71	CES51 = 92	CES76 = 63
CES02 = 60	CES27 = 92	CES52 = 91	CES77 = 76
CES03 = 30	CES28 = 86	CES53 = 83	CES78 = 64
CES04 = 69	CES29 = 75	CES54 = 86	CES79 = 86
CES05 = 46	CES30 = 89	CES55 = 85	CES80 = 84
CES06 = 50	CES31 = 78	CES56 = 79	CES81 = 80
CES07 = 39	CES32 = 71	CES57 = 78	CES82 = 93
CES08 = 38	CES33 = 85	CES58 = 79	CES83 = 93
CES09 = 29	CES34 = 78	CES59 = 88	CES84 = 87
CES10 = 73	CES35 = 88	CES60 = 90	CES85 = 80
CES11 = 56	CES36 = 89	CES61 = 84	CES86 = 73
CES12 = 61	CES37 = 86	CES62 = 87	CES87 = 79
CES13 = 41	CES38 = 98	CES63 = 82	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 74
CES15 = 70	CES40 = 93	CES65 = 69	CES90 = 81
CES16 = 46	CES41 = 97	CES66 = 68	CES91 = 76
CES17 = 49	CES42 = 88	CES67 = 66	CES92 = 58
CES18 = 55	CES43 = 85	CES68 = 71	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 78	CES94 = 54
CES20 = 64	CES45 = 90	CES70 = 65	CES95 = 66
CES21 = 85	CES46 = 87	CES71 = 61	CES96 = 78
CES22 = 77	CES47 = 92	CES72 = 86	CES97 = 88
CES23 = 91	CES48 = 81	CES73 = 57	CES98 = 78
CES24 = 90	CES49 = 86	CES74 = 93	CES99 = 64
CES25 = 71	CES50 = 91	CES75 = 63	

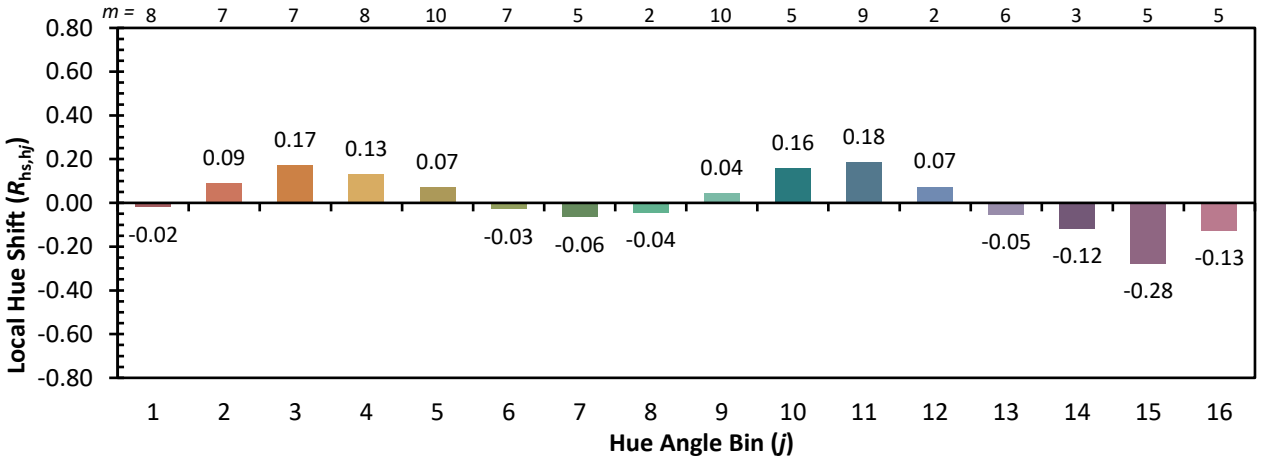


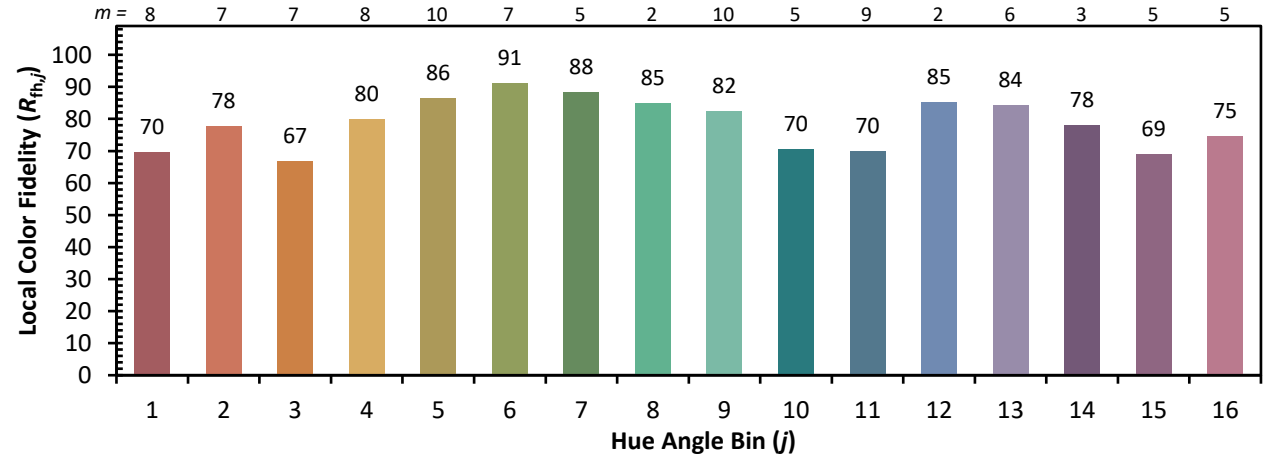
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Color Rendition by Hue-Angle Bin



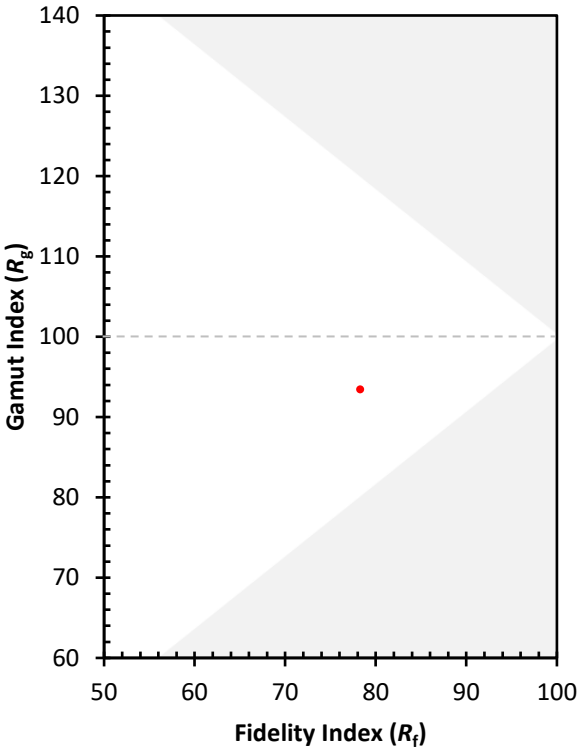


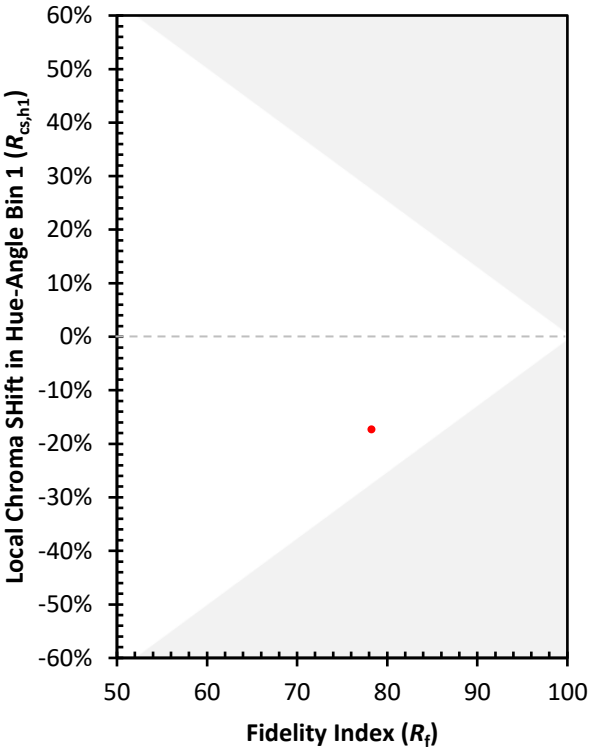


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Measure Comparisons





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