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: P981237

Luminaire Tested: **FFX-CLB-80-727-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:	P981237
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-727-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:	12333.8 lumens
Efficiency:	N/A
Efficacy:	150.8 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G4

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

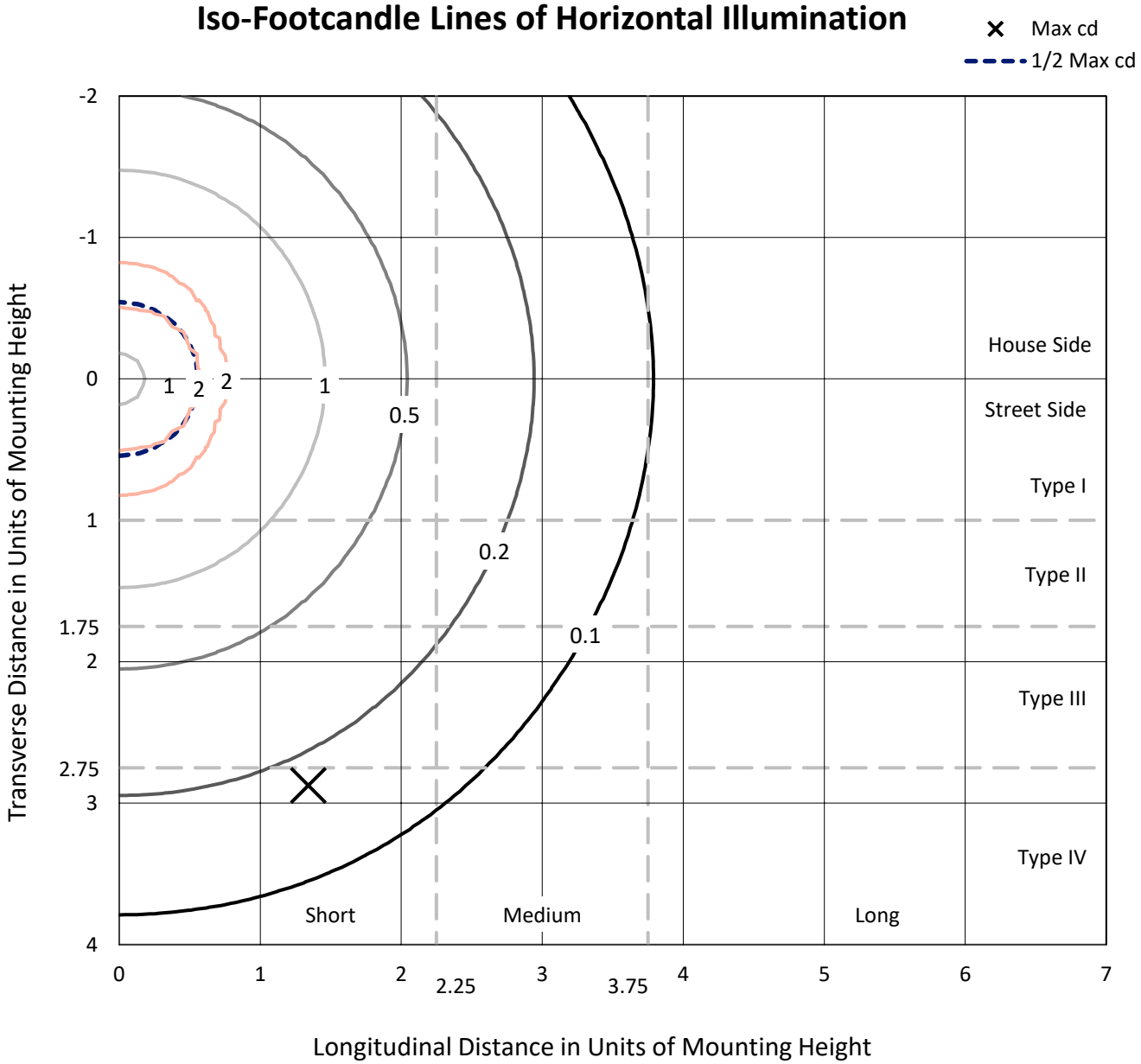


Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P981237
CATALOG NUMBER: FFX-CLB-80-727-U-VM8-T5

Iso-Footcandle Lines of Horizontal Illumination



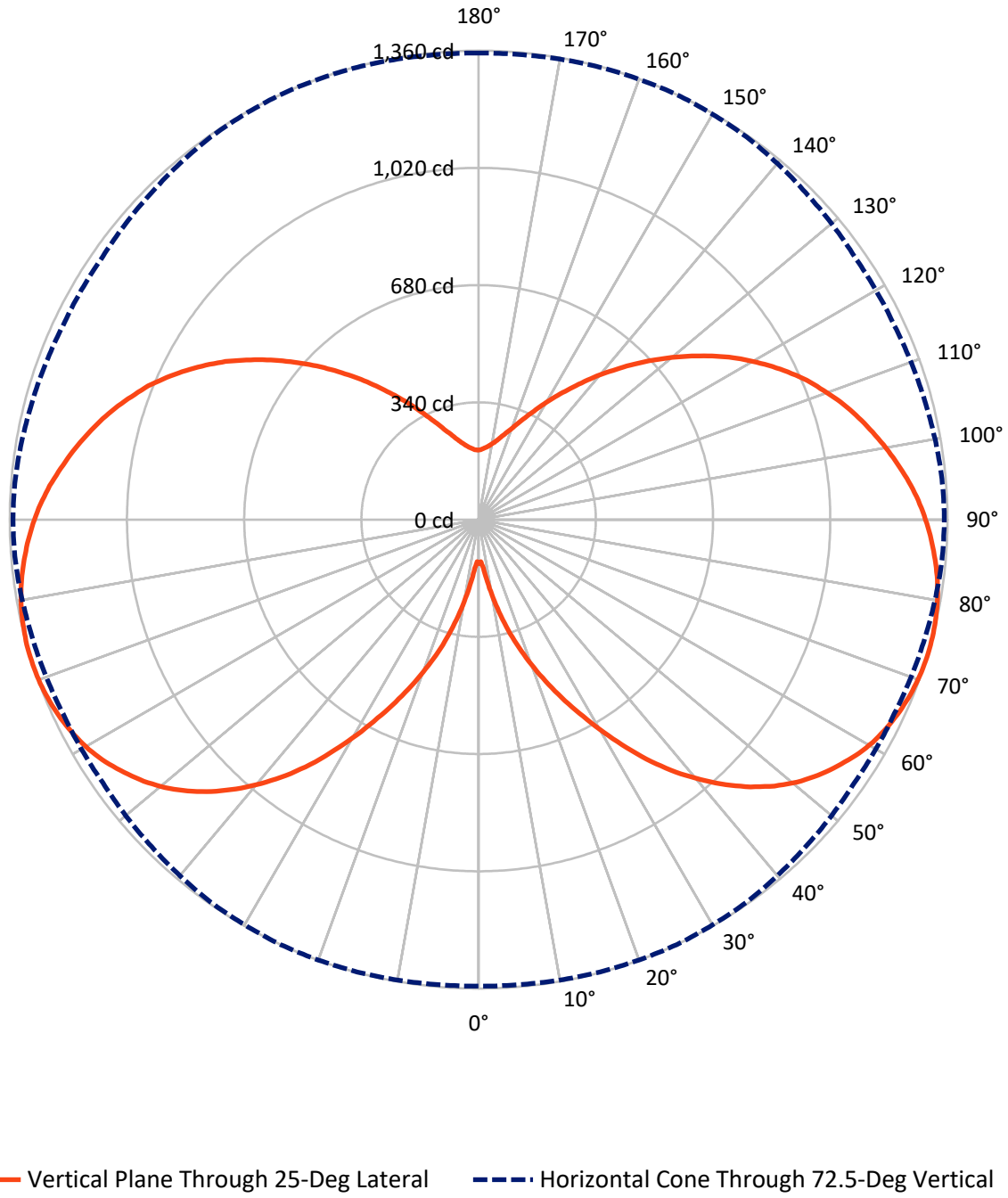
Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
Type V - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P981237
CATALOG NUMBER: FFX-CLB-80-727-U-VM8-T5

Luminous Intensity Polar Plot



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

Scaled Data Report

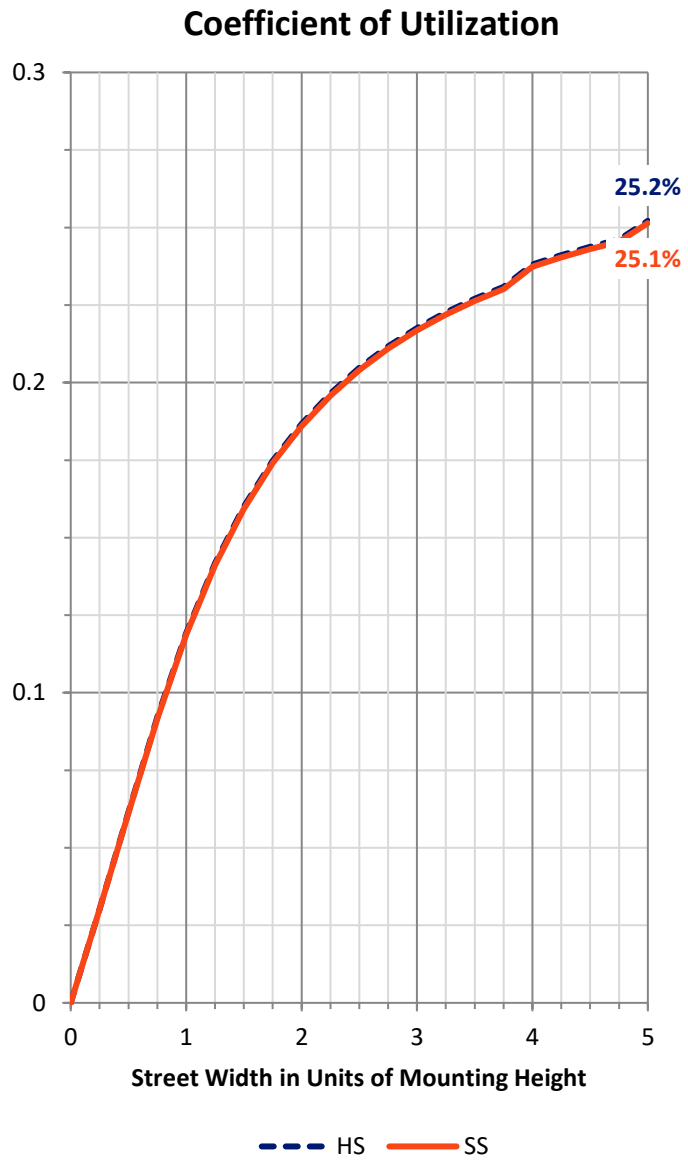
REPORT NUMBER: P981237
CATALOG NUMBER: FFX-CLB-80-727-U-VM8-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3528.3	2638.7	6166.9
	% Fixture	28.6	21.4	50.0
Street Side	Lumens	3528.3	2638.7	6166.9
	% Fixture	28.6	21.4	50.0
Total	Lumens	7056.5	5277.3	12333.8
	% Fixture	57.2	42.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	0.1
10°-20°	100.3	0.8
20°-30°	271.5	2.2
30°-40°	536.1	4.3
40°-50°	844.7	6.8
50°-60°	1119.2	9.1
60°-70°	1315.9	10.7
70°-80°	1421.7	11.5
80°-90°	1430.5	11.6
90°-100°	1346.9	10.9
100°-110°	1190.5	9.7
110°-120°	981.4	8.0
120°-130°	733.6	5.9
130°-140°	489.8	4.0
140°-150°	291.0	2.4
150°-160°	153.2	1.2
160°-170°	70.6	0.6
170°-180°	20.2	0.2
0°-90°	7056.5	57.2
0°-180°	12333.8	100.0



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

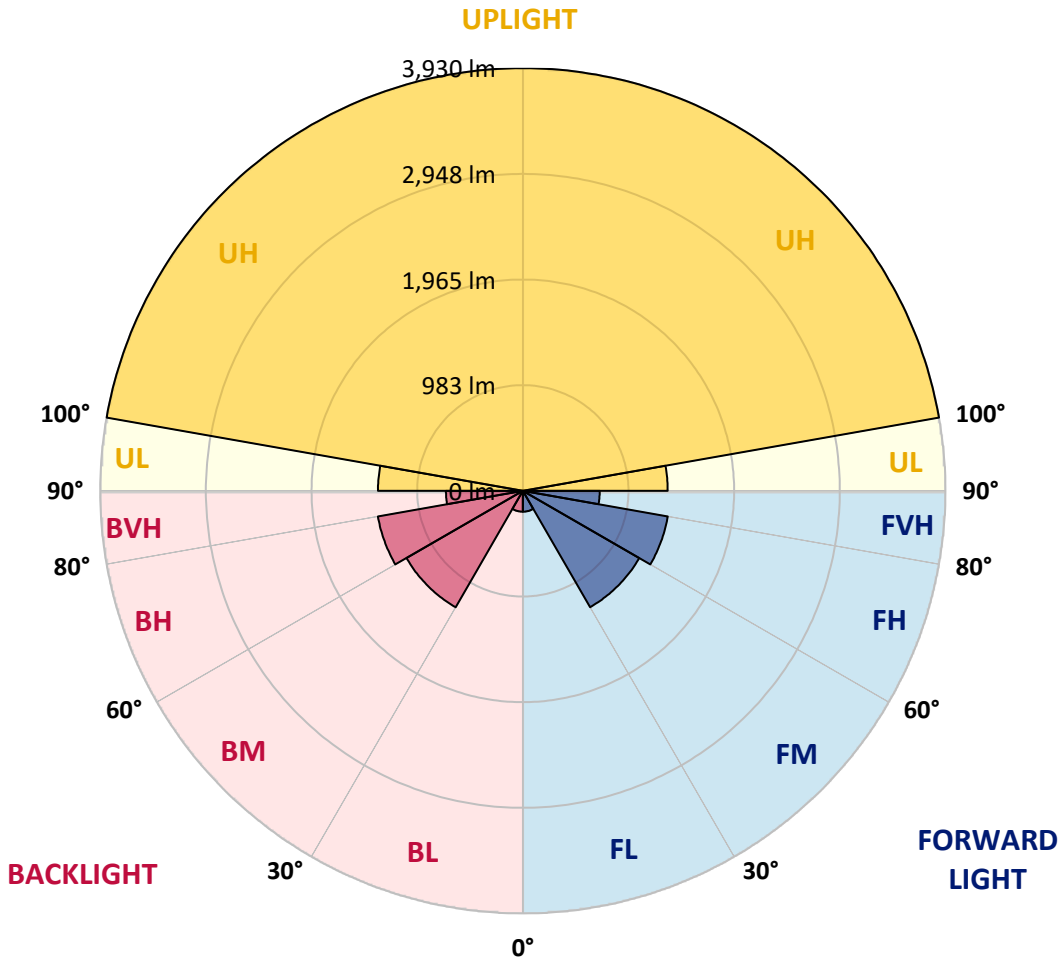
Scaled Data Report

REPORT NUMBER: P981237
CATALOG NUMBER: FFX-CLB-80-727-U-VM8-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	194.2	1.6			
FM	(30°-60°)	1250.0	10.1			
FH	(60°-80°)	1368.8	11.1			G1/1800
FVH	(80°-90°)	715.3	5.8			G4/750
BL	(0°-30°)	194.2	1.6	B1/500		
BM	(30°-60°)	1250.0	10.1	B2/2500		
BH	(60°-80°)	1368.8	11.1	B3/2500		G1/1800
BVH	(80°-90°)	715.3	5.8			G4/750
UL	(90°-100°)	1346.9	10.9		U5	
UH	(100°-180°)	3930.4	31.9		U5	

BUG Rating: B3-U5-G4
Type V Short



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

Scaled Data Report

REPORT NUMBER: P981237
CATALOG NUMBER: FFX-CLB-80-727-U-VM8-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	128.1	128.1	128.1	*128.1*	128.1	128.1	128.1	128.1	128.1	128.1	128.1
2.5°	120.4	120.4	121.2	*122.0*	122.7	123.5	124.3	125.0	125.8	125.0	125.0
5°	138.9	140.5	140.5	*140.5*	139.7	140.5	142.0	142.0	143.6	142.8	142.0
7.5°	178.3	182.2	182.2	*181.4*	180.6	181.4	180.6	180.6	180.6	179.8	181.4
10°	232.3	230.8	231.6	*230.8*	229.3	230.0	230.8	229.3	229.3	229.3	229.3
12.5°	284.8	284.1	286.4	*285.6*	286.4	284.1	285.6	284.1	284.1	281.7	282.5
15°	346.6	346.6	345.8	*343.5*	344.3	341.2	342.7	341.9	339.6	339.6	338.9
17.5°	403.7	402.9	403.7	*400.6*	400.6	399.8	398.3	397.5	397.5	395.2	394.4
20°	460.8	459.3	458.5	*458.5*	456.2	456.2	454.6	451.6	450.0	450.8	449.2
22.5°	522.6	519.5	519.5	*519.5*	514.8	513.3	512.5	509.4	509.4	507.1	507.1
25°	584.3	585.1	585.1	*582.0*	579.7	576.6	575.1	572.7	570.4	569.7	570.4
27.5°	652.2	653.8	651.5	*646.1*	645.3	642.2	638.3	635.3	636.0	632.2	635.3
30°	726.3	723.3	718.6	*717.1*	714.0	710.9	707.8	701.6	702.4	700.9	701.6
32.5°	794.3	794.3	792.7	*788.1*	785.8	778.8	775.7	768.0	768.8	768.0	764.9
35°	868.4	866.1	863.0	*862.2*	854.5	849.8	844.4	836.0	837.5	836.7	837.5
37.5°	930.9	931.7	933.2	*929.4*	922.4	916.2	910.1	903.9	902.3	903.1	901.6
40°	998.8	998.0	996.5	*991.9*	986.5	979.5	971.8	967.9	963.3	966.4	965.6
42.5°	1054.4	1056.7	1055.9	*1051.3*	1044.4	1037.4	1031.2	1025.1	1022.7	1022.0	1022.0
45°	1108.4	1109.2	1106.9	*1106.1*	1096.8	1090.7	1083.0	1077.6	1076.0	1076.0	1078.3
47.5°	1158.6	1157.8	1156.3	*1154.7*	1147.8	1138.5	1129.3	1125.4	1124.6	1126.2	1127.0
50°	1198.7	1200.3	1199.5	*1197.2*	1190.2	1181.8	1171.7	1167.9	1168.6	1170.2	1171.0
52.5°	1235.0	1235.0	1235.8	*1232.7*	1226.5	1217.3	1208.0	1204.9	1204.9	1207.2	1205.7
55°	1262.8	1264.3	1265.1	*1262.8*	1258.9	1248.1	1238.9	1233.5	1235.8	1238.1	1238.9
57.5°	1289.0	1290.6	1290.6	*1290.6*	1284.4	1274.4	1265.1	1260.5	1263.6	1267.4	1268.2
60°	1309.9	1310.7	1313.0	*1313.0*	1307.6	1296.0	1286.0	1282.1	1286.0	1291.4	1290.6
62.5°	1325.3	1325.3	1328.4	*1329.2*	1323.8	1312.2	1302.2	1299.1	1303.7	1309.9	1312.2
65°	1338.5	1339.2	1341.5	*1342.3*	1337.7	1324.6	1313.7	1313.0	1319.2	1325.3	1326.1
67.5°	1345.4	1346.2	1350.0	*1351.6*	1346.2	1333.0	1323.0	1320.7	1329.2	1336.9	1337.7
70°	1350.0	1351.6	1356.2	*1357.7*	1352.3	1338.5	1327.6	1326.9	1336.1	1344.6	1345.4
72.5°	*1353.1*	*1353.9*	*1358.5*	*1360.1*	*1354.7*	*1341.5*	*1330.7*	*1330.7*	*1339.2*	*1349.3*	*1350.8*
75°	1353.1	1353.9	1357.7	*1360.1*	1354.7	1340.8	1329.2	1329.2	1340.8	1350.8	1353.1
77.5°	1346.9	1349.3	1353.9	*1356.2*	1350.8	1336.9	1326.1	1326.1	1337.7	1348.5	1350.8
80°	1340.8	1341.5	1346.9	*1350.0*	1343.9	1330.7	1319.2	1319.2	1331.5	1343.1	1344.6
82.5°	1330.7	1331.5	1336.9	*1340.0*	1334.6	1320.7	1309.1	1309.9	1321.5	1333.0	1334.6
85°	1316.8	1318.4	1323.8	*1326.1*	1321.5	1306.8	1296.0	1296.8	1309.1	1319.9	1321.5
87.5°	1302.2	1302.2	1308.3	*1310.7*	1306.0	1291.4	1280.6	1280.6	1292.9	1304.5	1305.3
90°	1282.1	1283.6	1289.0	*1292.9*	1286.7	1274.4	1262.8	1262.8	1274.4	1285.2	1288.3
92.5°	1263.6	1264.3	1269.8	*1272.1*	1266.7	1253.5	1243.5	1243.5	1255.1	1265.9	1267.4
95°	1241.2	1241.2	1245.1	*1248.1*	1242.0	1231.2	1221.9	1221.9	1231.2	1240.4	1242.0
97.5°	1217.3	1217.3	1221.9	*1221.1*	1216.5	1204.9	1197.2	1196.4	1205.7	1213.4	1215.7
100°	1190.2	1191.8	1194.9	*1194.1*	1190.2	1178.7	1171.7	1171.7	1178.7	1185.6	1187.2
102.5°	1164.0	1164.0	1165.5	*1164.8*	1159.4	1149.3	1145.5	1144.7	1150.9	1155.5	1156.3
105°	1137.0	1137.0	1135.4	*1135.4*	1128.5	1120.8	1116.1	1116.1	1121.6	1124.6	1124.6
107.5°	1106.1	1104.6	1106.1	*1103.8*	1096.8	1089.1	1086.8	1086.0	1088.4	1091.4	1089.9
110°	1074.5	1073.7	1072.9	*1068.3*	1062.9	1058.3	1054.4	1054.4	1056.7	1057.5	1057.5

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

Scaled Data Report

REPORT NUMBER: P981237
CATALOG NUMBER: FFX-CLB-80-727-U-VM8-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1041.3	1040.5	1038.2	*1034.3*	1028.2	1023.5	1020.4	1020.4	1021.2	1020.4	1018.9
115°	1005.0	1003.5	1001.1	*994.2*	988.0	984.9	983.4	984.9	984.2	981.8	981.8
117.5°	965.6	964.1	960.2	*952.5*	947.1	944.8	945.6	944.8	943.2	940.9	941.7
120°	921.6	921.6	915.5	*909.3*	904.7	904.7	903.9	903.9	901.6	898.5	896.9
122.5°	876.1	876.1	870.7	*865.3*	859.9	859.9	860.7	859.9	858.3	855.2	853.7
125°	832.1	828.2	823.6	*817.4*	813.6	812.8	815.1	815.9	812.8	808.9	809.7
127.5°	783.5	781.1	776.5	*769.6*	766.5	765.7	768.0	769.6	765.7	763.4	762.6
130°	732.5	731.0	727.1	*721.7*	718.6	719.4	721.7	724.0	720.2	717.9	716.3
132.5°	682.3	682.3	680.0	*674.6*	670.8	673.9	675.4	676.9	673.1	672.3	671.5
135°	636.8	636.0	631.4	*628.3*	625.2	626.0	629.1	628.3	627.5	626.0	624.5
137.5°	589.7	589.7	587.4	*582.0*	582.0	582.8	584.3	584.3	585.1	582.0	582.8
140°	545.7	545.0	543.4	*539.5*	537.2	538.8	540.3	541.1	541.1	538.0	538.8
142.5°	504.0	503.3	498.6	*496.3*	496.3	497.1	497.9	498.6	498.6	497.1	497.9
145°	459.3	460.8	458.5	*456.2*	456.2	456.2	458.5	459.3	460.0	458.5	458.5
147.5°	422.2	423.8	421.4	*419.9*	419.9	419.9	421.4	422.2	420.7	421.4	421.4
150°	387.5	387.5	385.9	*385.2*	384.4	385.2	386.7	387.5	387.5	385.9	385.9
152.5°	354.3	353.5	352.8	*352.8*	352.8	352.8	354.3	354.3	355.1	355.1	353.5
155°	325.7	325.0	325.0	*324.2*	325.0	325.0	325.0	325.7	325.7	326.5	327.3
157.5°	299.5	298.7	299.5	*299.5*	299.5	300.3	300.3	301.0	299.5	300.3	301.0
160°	277.9	278.7	277.9	*277.1*	277.1	277.9	277.9	278.7	278.7	277.9	278.7
162.5°	259.4	259.4	258.6	*259.4*	260.1	259.4	259.4	260.1	260.1	260.1	260.1
165°	244.7	243.9	243.9	*243.9*	243.9	243.9	244.7	244.7	244.7	244.7	245.5
167.5°	231.6	230.8	230.8	*230.8*	231.6	231.6	231.6	232.3	232.3	232.3	231.6
170°	221.5	220.8	220.8	*220.8*	221.5	221.5	221.5	221.5	221.5	221.5	221.5
172.5°	213.0	213.0	213.0	*213.0*	213.0	213.0	213.0	213.0	213.0	213.8	213.0
175°	207.6	207.6	207.6	*207.6*	206.9	206.9	207.6	207.6	207.6	207.6	207.6
177.5°	203.0	203.0	203.8	*203.0*	203.0	203.0	203.8	203.8	203.8	203.0	203.0
180°	201.5	201.5	201.5	*201.5*	201.5	201.5	201.5	201.5	201.5	201.5	201.5

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: SP1-2501-332-3

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

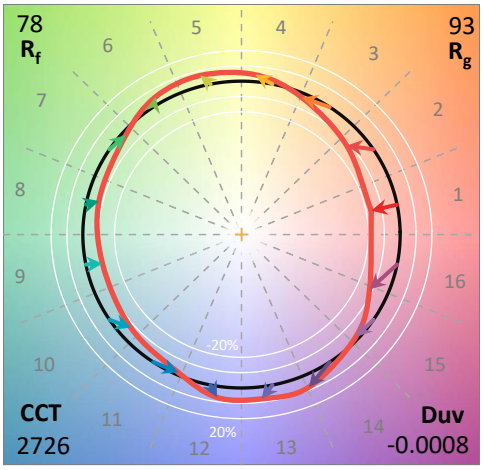
Test Information

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

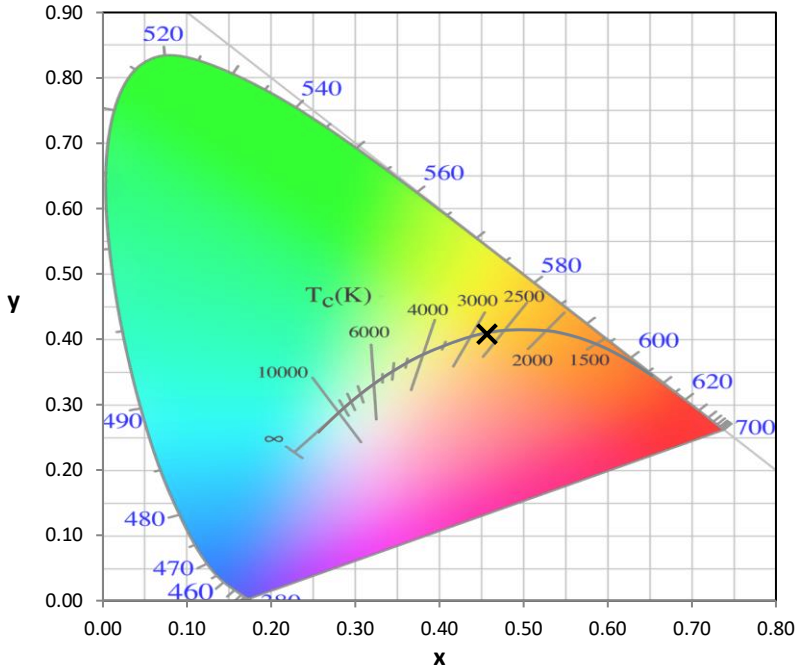
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

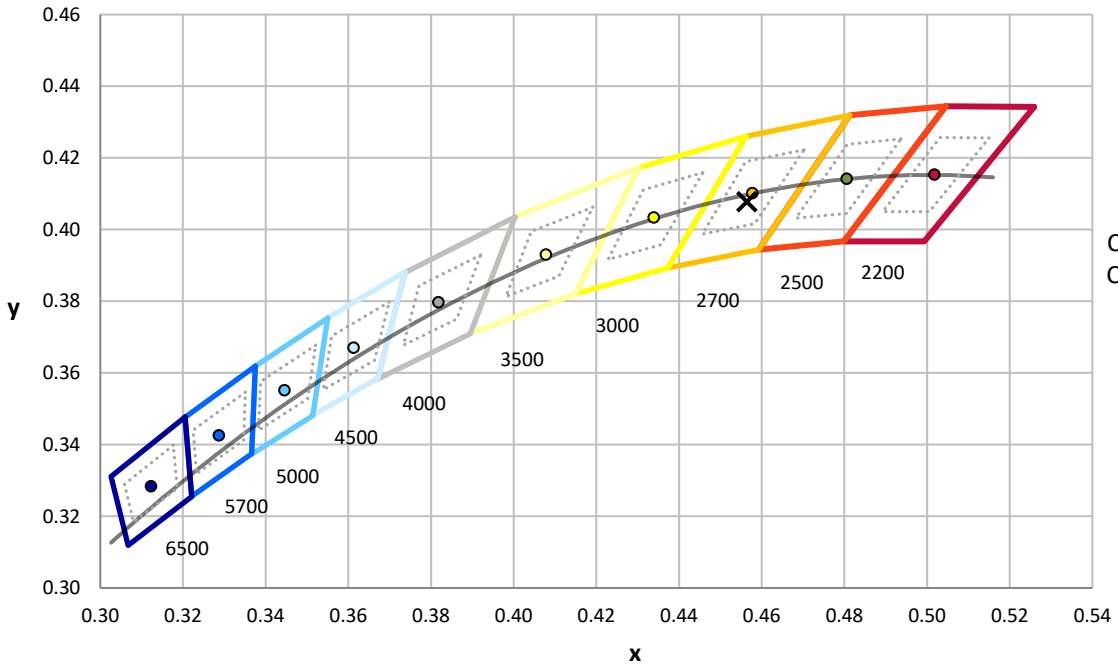
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

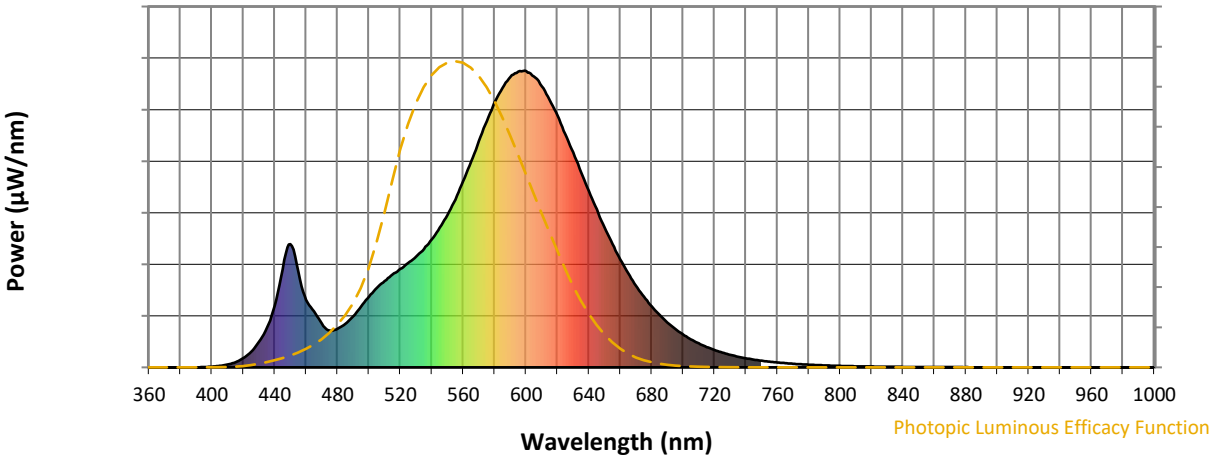


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

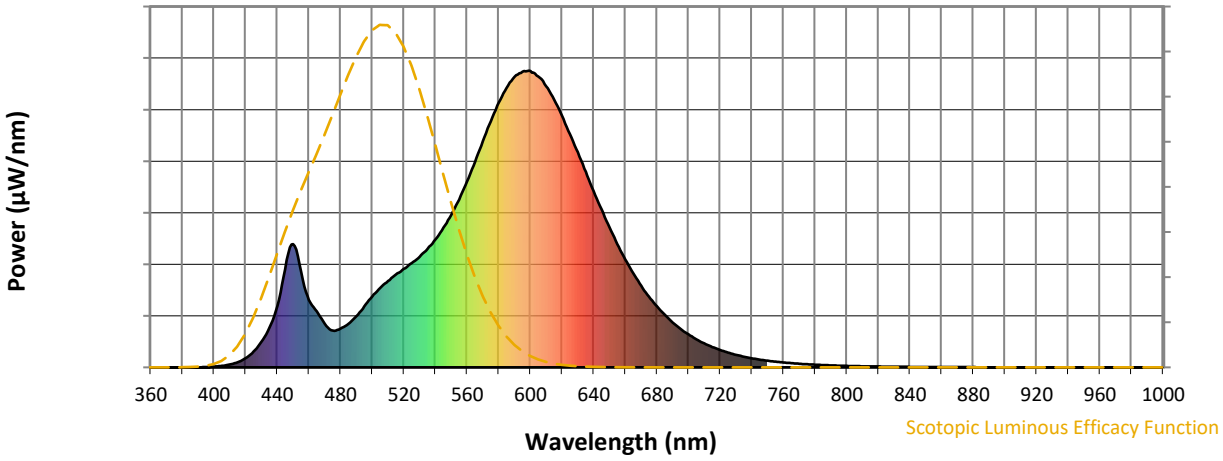


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2501-332-3

Scotopic Flux vs. Wavelength

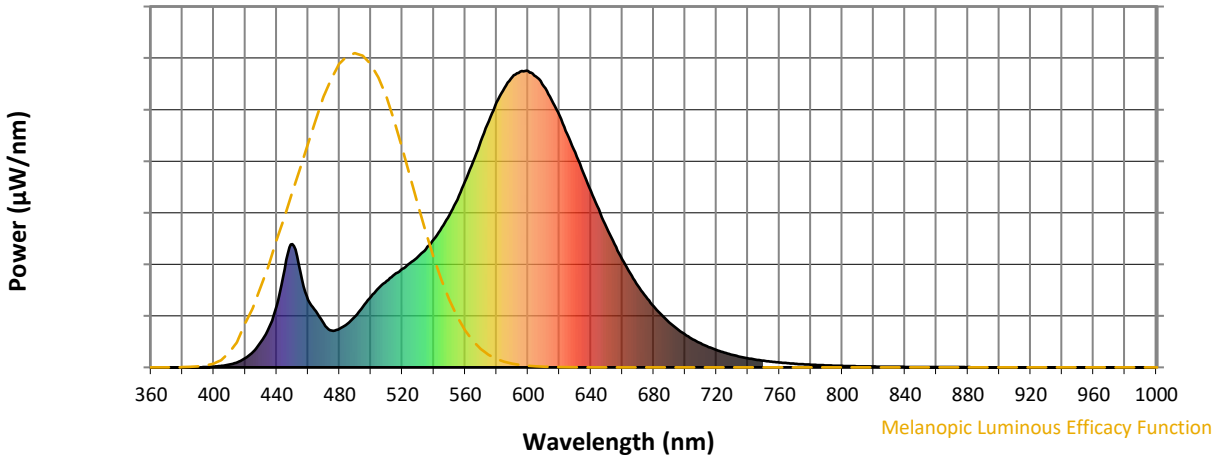


Scotopic Lumens: NR **S/P: 1.16**

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			

REPORT NUMBER: SP1-2501-332-3

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			

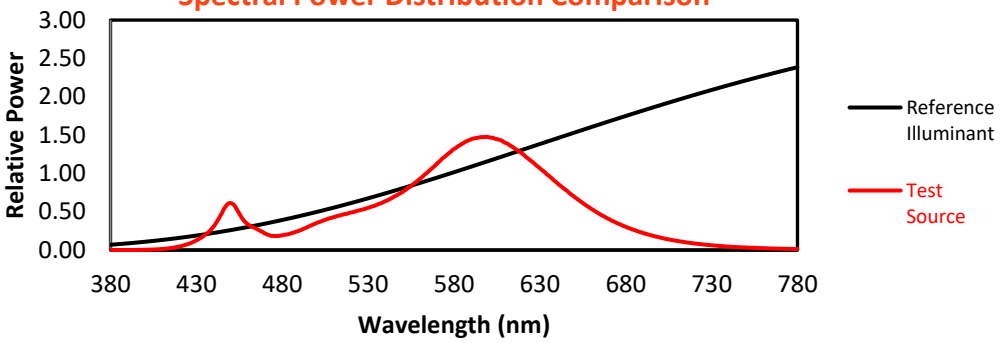
REPORT NUMBER: SP1-2501-332-3

TM-30-18

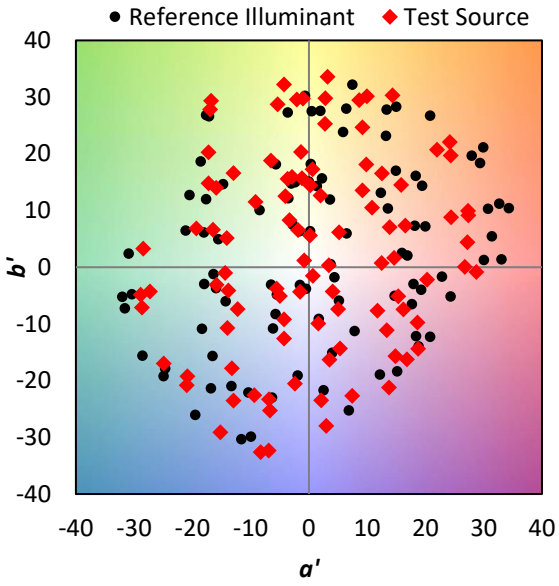
Summary

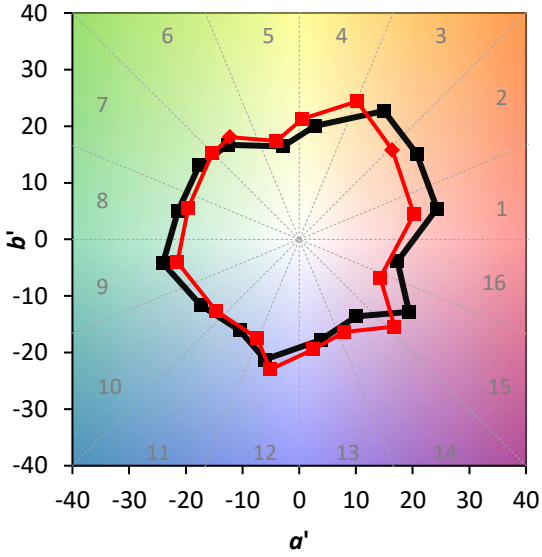
R_f = 77.8
R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

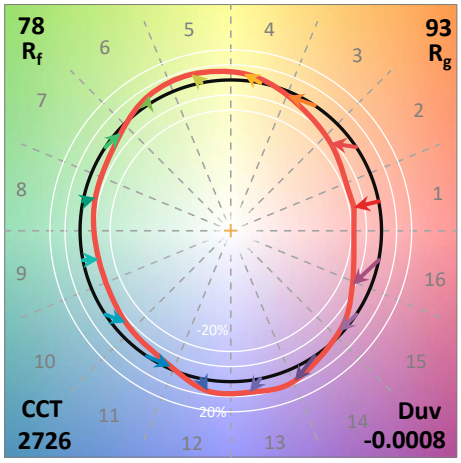
Spectral Power Distribution Comparison

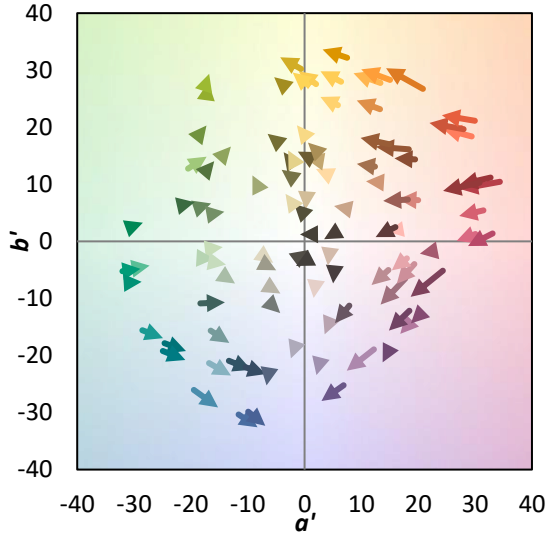


Color Vector Graphics







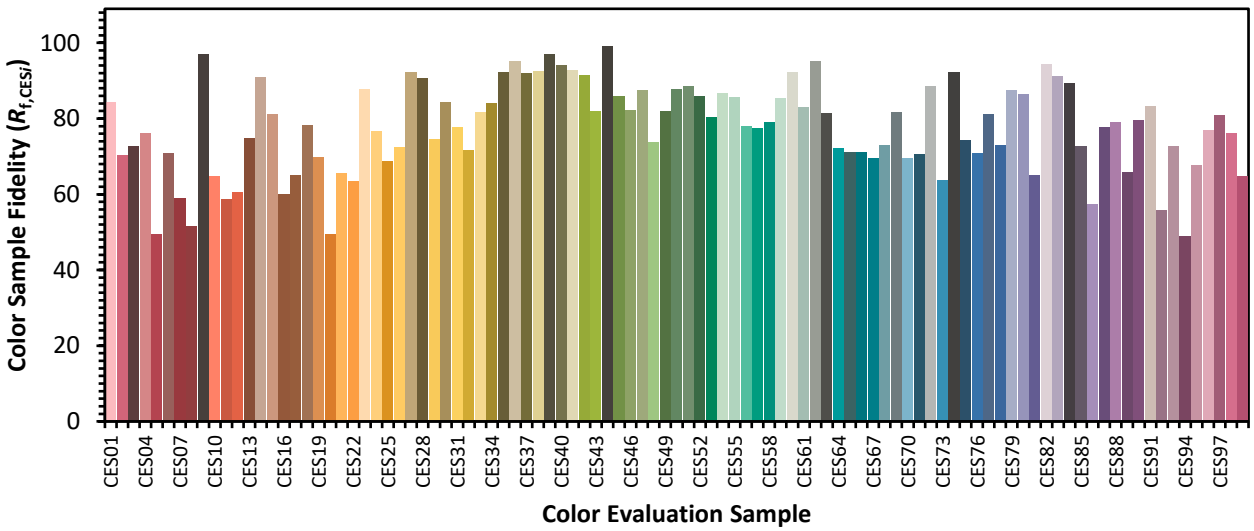


REPORT NUMBER: SP1-2501-332-3

TM-30-18

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

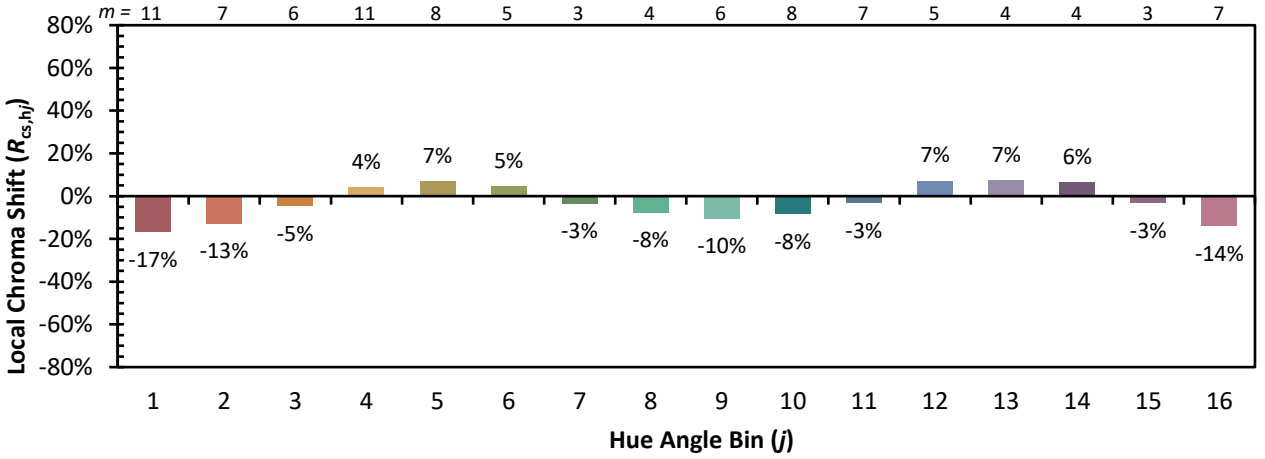
CES01 = 86	CES26 = 72	CES51 = 88	CES76 = 71
CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82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

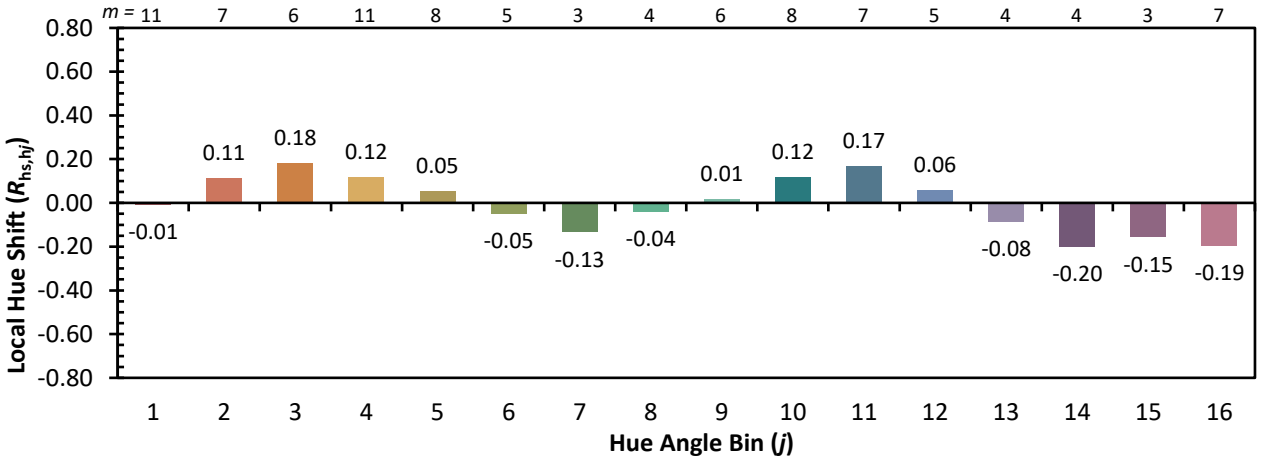


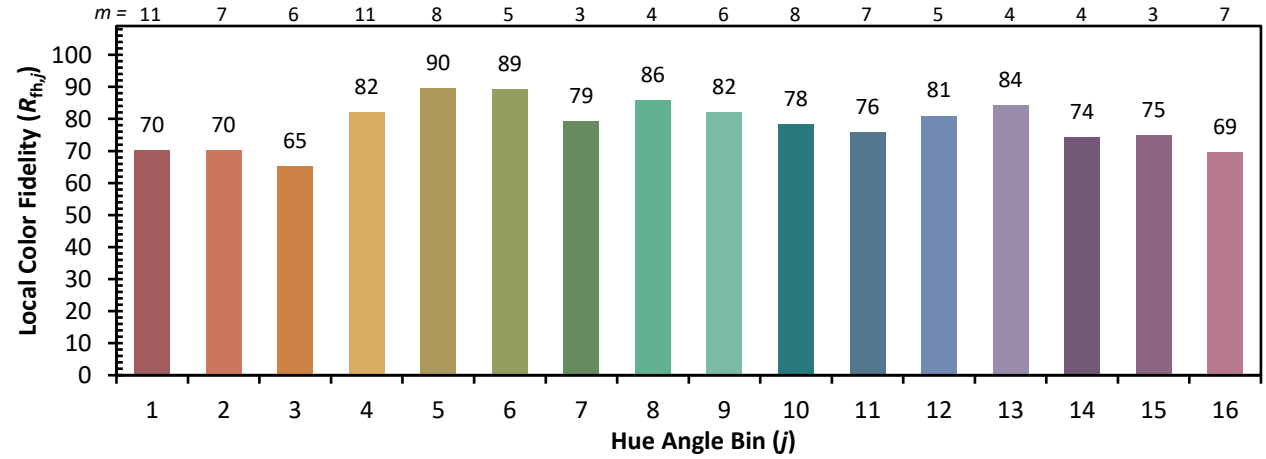
REPORT NUMBER: SP1-2501-332-3

TM-30-18

Color Rendition by Hue-Angle Bin



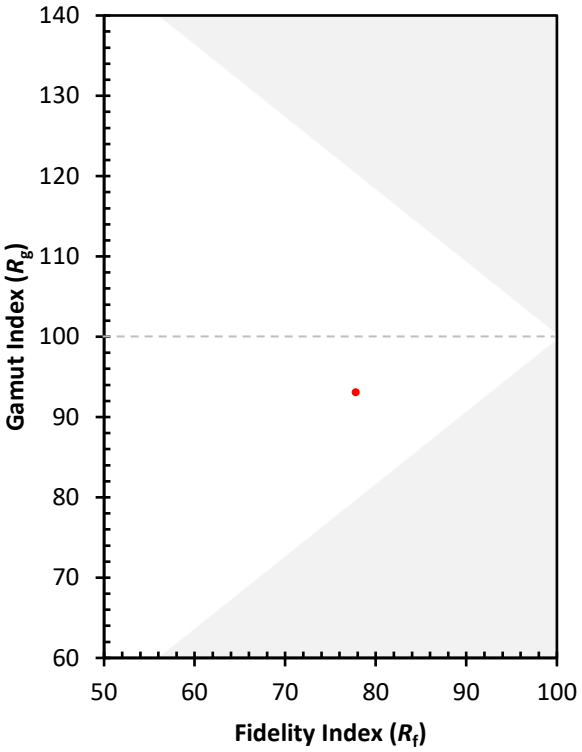


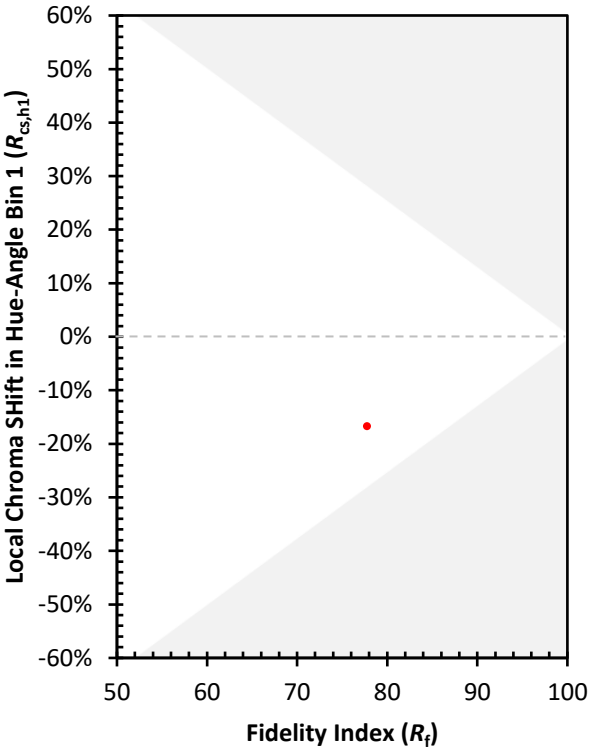


REPORT NUMBER: SP1-2501-332-3

TM-30-18

Measure Comparisons





(END OF REPORT)