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: P856337

Luminaire Tested: **FFX-CLB-80-727-U-VM8**

Issue Date: 07/16/2024

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:	P856337
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-727-U-VM8
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:	11930 lumens
Efficiency:	N/A
Efficacy:	147.6 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G4

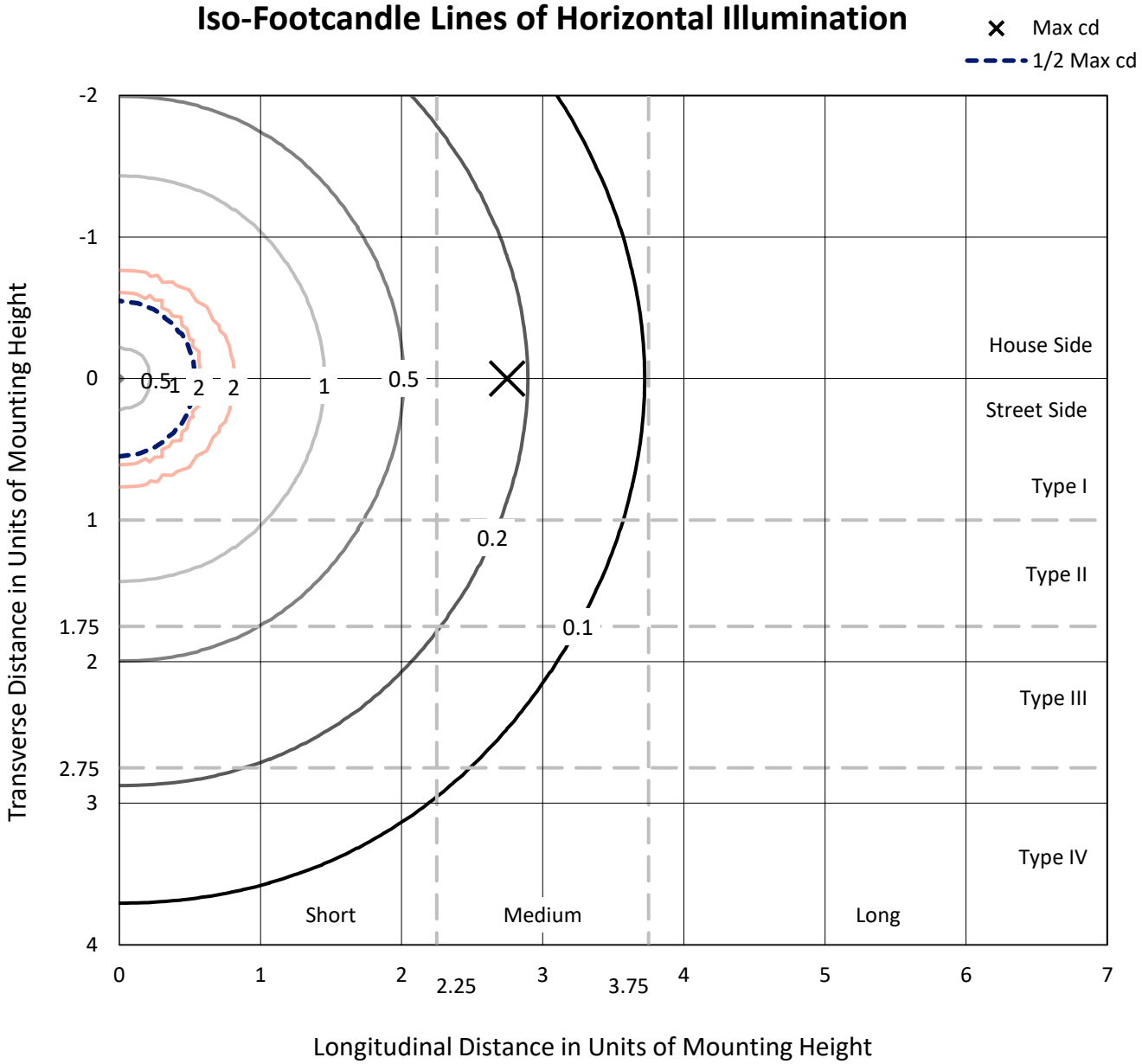
Input Watts (W):	80.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.1%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

REPORT NUMBER: P856337
CATALOG NUMBER: FFX-CLB-80-727-U-VM8

Iso-Footcandle Lines of Horizontal Illumination



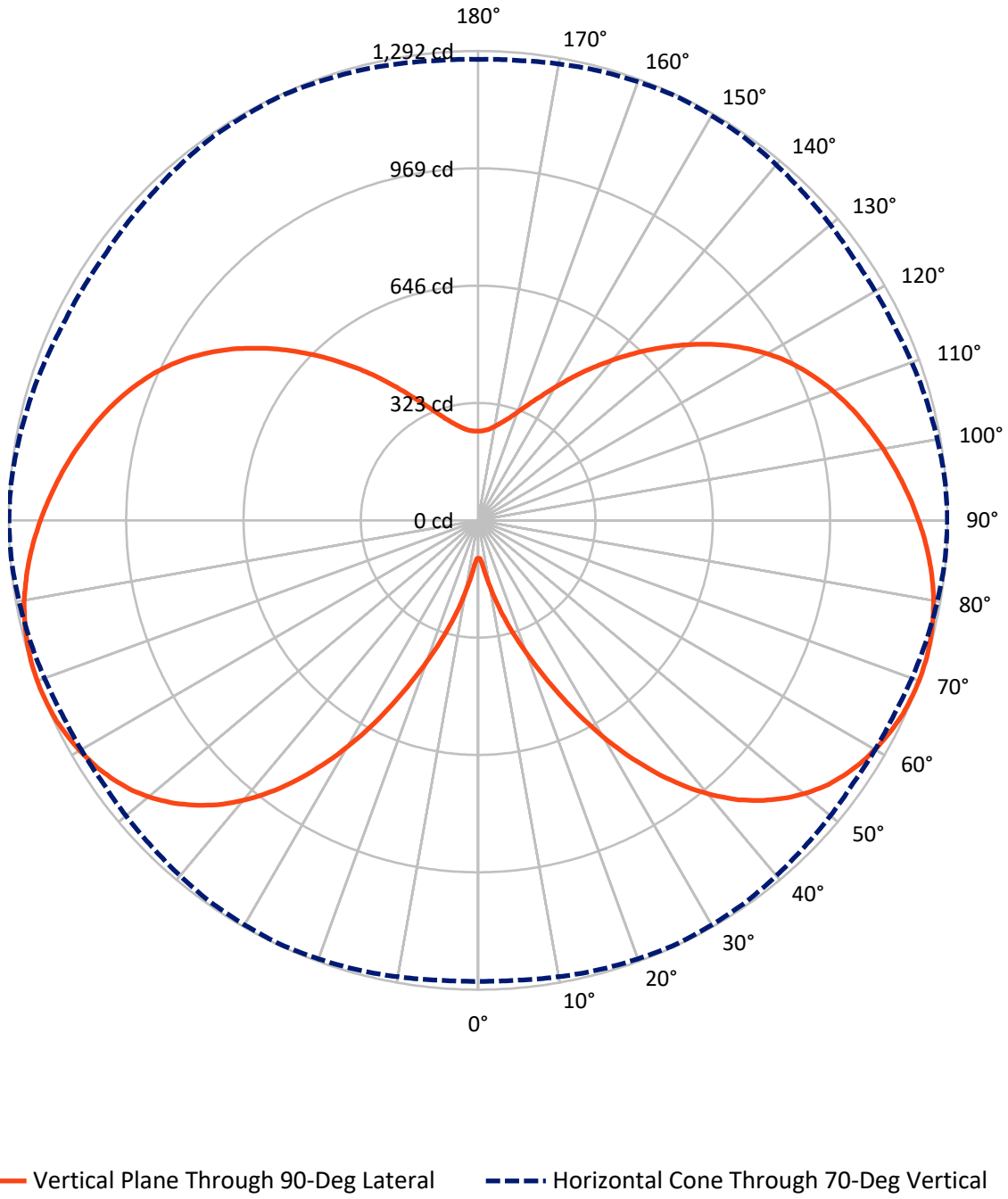
Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
Type V - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P856337
CATALOG NUMBER: FFX-CLB-80-727-U-VM8

Luminous Intensity Polar Plot



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

Scaled Data Report

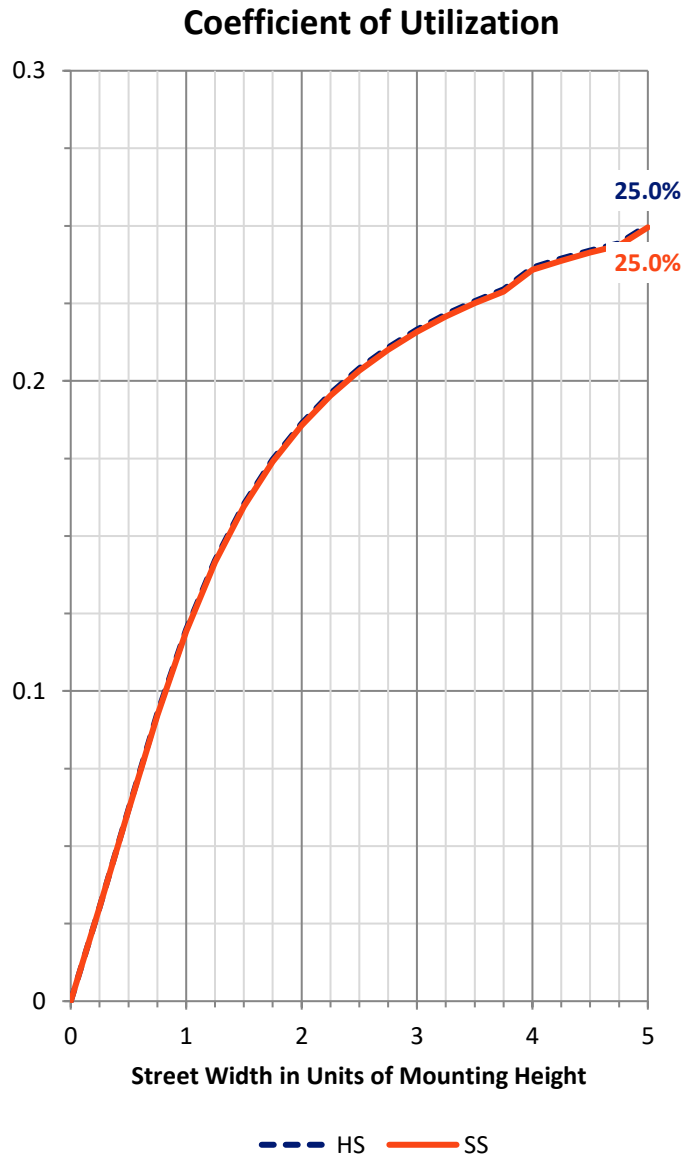
REPORT NUMBER: P856337
CATALOG NUMBER: FFX-CLB-80-727-U-VM8

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3378.5	2586.5	5965.0
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	3378.5	2586.5	5965.0
	% Fixture	28.3	21.7	50.0
Total	Lumens	6756.9	5173.1	11930.0
	% Fixture	56.6	43.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.0	0.1
10°-20°	85.4	0.7
20°-30°	254.9	2.1
30°-40°	532.9	4.5
40°-50°	836.3	7.0
50°-60°	1085.5	9.1
60°-70°	1256.5	10.5
70°-80°	1345.2	11.3
80°-90°	1346.3	11.3
90°-100°	1269.6	10.6
100°-110°	1136.0	9.5
110°-120°	955.2	8.0
120°-130°	732.7	6.1
130°-140°	501.3	4.2
140°-150°	305.9	2.6
150°-160°	167.2	1.4
160°-170°	81.0	0.7
170°-180°	24.1	0.2
0°-90°	6756.9	56.6
0°-180°	11930.0	100.0



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

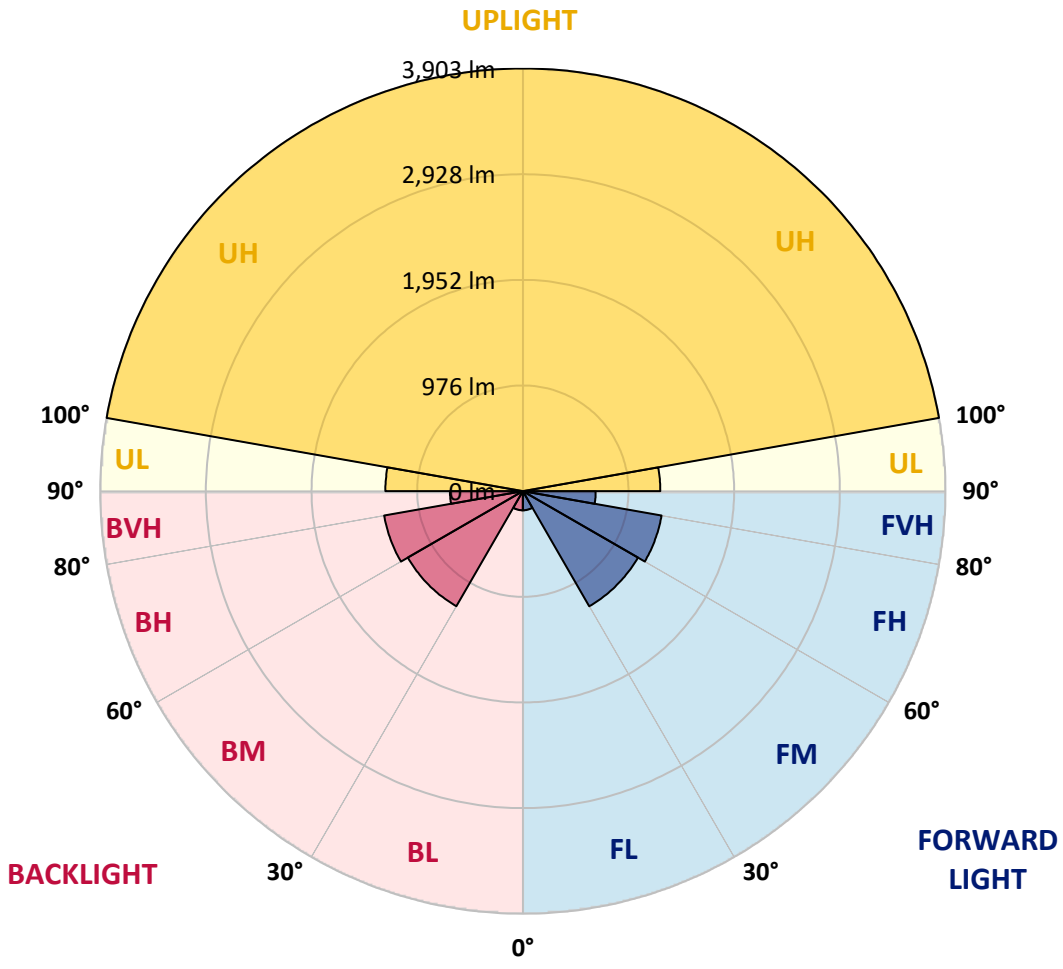
Scaled Data Report

REPORT NUMBER: P856337
CATALOG NUMBER: FFX-CLB-80-727-U-VM8

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	177.1	1.5			
FM	(30°-60°)	1227.3	10.3			
FH	(60°-80°)	1300.9	10.9			G1/1800
FVH	(80°-90°)	673.1	5.6			G4/750
BL	(0°-30°)	177.1	1.5	B1/500		
BM	(30°-60°)	1227.3	10.3	B2/2500		
BH	(60°-80°)	1300.9	10.9	B3/2500		G1/1800
BVH	(80°-90°)	673.1	5.6			G4/750
UL	(90°-100°)	1269.6	10.6		U5	
UH	(100°-180°)	3903.4	32.7		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: P856337
CATALOG NUMBER: FFX-CLB-80-727-U-VM8

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7	*104.7*
2.5°	109.3	109.3	108.6	108.6	107.8	107.0	107.0	107.0	106.3	106.3	*105.5*
5°	124.6	123.9	123.9	123.1	123.9	123.1	123.1	123.1	123.1	121.6	*121.6*
7.5°	154.4	153.7	153.7	152.9	154.4	152.9	152.9	153.7	153.7	152.9	*152.9*
10°	193.4	192.7	192.7	191.1	192.7	191.9	191.9	190.4	191.1	190.4	*191.1*
12.5°	240.1	237.8	237.8	237.0	238.5	237.8	237.0	235.5	237.0	236.3	*236.3*
15°	288.2	289.0	288.2	287.5	289.0	289.0	288.2	286.7	288.2	286.7	*287.5*
17.5°	341.8	341.8	341.8	339.5	341.8	342.5	341.8	340.2	341.0	341.8	*341.8*
20°	399.9	399.9	400.6	399.1	402.9	400.6	399.9	399.1	399.9	400.6	*401.4*
22.5°	464.1	464.1	464.9	464.1	466.4	466.4	465.6	465.6	466.4	467.9	*467.9*
25°	535.2	536.0	536.0	533.7	539.0	540.6	539.0	539.0	540.6	542.9	*542.9*
27.5°	608.6	611.7	610.1	610.1	617.0	617.8	617.0	617.8	620.1	622.4	*623.1*
30°	684.3	686.6	689.6	687.4	695.0	695.8	696.5	697.3	700.4	704.2	*704.2*
32.5°	760.0	762.3	763.8	763.8	773.8	773.0	772.2	775.3	779.9	781.4	*783.7*
35°	835.7	835.7	837.2	838.0	847.9	847.2	848.7	851.0	855.6	858.6	*860.1*
37.5°	903.7	902.2	906.0	907.6	915.2	916.0	916.7	920.6	925.9	929.7	*931.3*
40°	965.7	964.1	968.7	971.0	977.9	977.9	979.4	984.0	990.1	994.0	*994.7*
42.5°	1020.7	1019.9	1024.5	1027.6	1034.5	1033.7	1032.9	1039.1	1045.9	1050.5	*1052.1*
45°	1068.1	1067.4	1073.5	1077.3	1082.6	1081.1	1081.1	1086.5	1094.1	1099.5	*1100.2*
47.5°	1108.6	1108.6	1115.5	1120.1	1124.7	1122.4	1120.9	1126.2	1133.9	1141.5	*1142.3*
50°	1144.6	1143.8	1151.5	1156.8	1160.6	1157.6	1155.3	1160.6	1169.0	1176.7	*1178.2*
52.5°	1172.9	1174.4	1182.0	1188.9	1192.0	1187.4	1183.6	1188.9	1198.1	1206.5	*1208.0*
55°	1197.3	1198.1	1206.5	1214.9	1216.4	1210.3	1205.7	1210.3	1220.3	1229.4	*1231.0*
57.5°	1216.4	1218.0	1227.9	1235.6	1236.3	1229.4	1224.1	1227.9	1238.6	1247.8	*1250.1*
60°	1233.3	1234.8	1244.0	1252.4	1253.1	1244.7	1237.9	1240.9	1252.4	1263.1	*1264.6*
62.5°	1246.3	1248.6	1258.5	1266.1	1266.1	1256.2	1247.8	1250.8	1263.1	1274.6	*1276.1*
65°	1257.0	1259.3	1269.2	1276.8	1276.1	1264.6	1255.4	1258.5	1271.5	1283.0	*1285.3*
67.5°	1264.6	1266.1	1276.8	1284.5	1281.4	1269.2	1260.0	1262.3	1276.1	1287.5	*1289.8*
70°	*1269.2*	*1270.7*	*1281.4*	*1288.3*	*1283.7*	*1270.7*	*1260.8*	*1263.8*	*1277.6*	*1289.8*	*1292.1*
72.5°	1271.5	1273.8	1283.7	1289.8	1284.5	1270.0	1259.3	1263.1	1276.8	1289.8	*1291.4*
75°	1270.7	1272.3	1282.2	1287.5	1280.7	1266.9	1255.4	1259.3	1273.8	1285.3	*1287.5*
77.5°	1266.9	1268.4	1277.6	1282.2	1273.8	1260.0	1249.3	1253.1	1266.9	1278.4	*1280.7*
80°	1260.8	1262.3	1270.7	1273.8	1265.4	1251.6	1241.7	1245.5	1258.5	1269.2	*1271.5*
82.5°	1250.8	1253.1	1260.8	1262.3	1253.1	1240.9	1231.0	1234.8	1247.0	1257.0	*1258.5*
85°	1238.6	1240.1	1247.0	1247.8	1238.6	1227.9	1219.5	1223.3	1234.0	1241.7	*1244.0*
87.5°	1224.9	1224.9	1231.7	1231.7	1221.8	1211.9	1205.7	1208.8	1218.7	1224.9	*1227.1*
90°	1208.0	1208.8	1213.4	1212.6	1203.4	1195.0	1189.7	1193.5	1201.9	1207.3	*1208.8*
92.5°	1189.7	1190.4	1194.3	1192.7	1183.6	1176.7	1172.1	1176.7	1184.3	1188.2	*1189.7*
95°	1169.8	1170.6	1173.6	1170.6	1162.2	1156.8	1153.0	1158.3	1164.5	1168.3	*1169.8*
97.5°	1149.2	1149.9	1152.2	1149.2	1140.0	1135.4	1133.9	1138.5	1144.6	1147.6	*1149.2*
100°	1127.8	1127.8	1129.3	1124.7	1117.0	1113.2	1112.5	1117.8	1123.9	1127.0	*1128.5*
102.5°	1104.1	1104.8	1104.8	1100.2	1092.6	1090.3	1090.3	1096.4	1102.5	1104.8	*1106.3*
105°	1079.6	1079.6	1079.6	1075.8	1067.4	1065.8	1066.6	1072.7	1079.6	1082.6	*1084.2*
107.5°	1052.8	1053.6	1052.1	1048.2	1041.4	1039.8	1041.4	1049.8	1055.9	1058.9	*1060.5*
110°	1024.5	1025.3	1024.5	1019.9	1013.8	1013.1	1015.4	1023.8	1029.9	1032.9	*1035.2*

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

Scaled Data Report

REPORT NUMBER: P856337
CATALOG NUMBER: FFX-CLB-80-727-U-VM8

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	994.7	995.5	994.7	990.9	984.8	984.8	987.8	996.2	1003.1	1005.4	*1007.7*
115°	963.4	964.1	962.6	959.5	953.4	955.0	958.0	966.4	973.3	975.6	*978.7*
117.5°	929.7	930.5	929.7	925.9	920.6	922.1	926.7	935.1	941.2	943.5	*946.5*
120°	893.0	893.0	893.0	889.2	883.9	886.9	891.5	900.7	906.0	907.6	*910.6*
122.5°	855.6	854.0	854.0	851.7	845.6	849.4	854.0	863.2	868.6	869.3	*871.6*
125°	814.3	815.0	812.7	811.2	805.9	810.5	814.3	823.5	828.0	828.8	*831.1*
127.5°	769.9	772.2	769.9	767.6	763.8	768.4	773.0	781.4	785.2	786.0	*787.5*
130°	728.6	728.6	726.3	724.8	721.0	725.6	730.2	737.8	741.6	741.6	*743.2*
132.5°	687.4	685.1	684.3	682.8	678.2	683.5	686.6	694.2	697.3	696.5	*698.1*
135°	642.2	642.2	640.0	639.2	635.4	640.7	643.8	650.7	652.9	652.2	*653.7*
137.5°	600.2	600.2	598.7	597.1	594.8	599.4	602.5	607.8	610.1	607.8	*610.1*
140°	558.9	558.9	558.1	556.6	554.3	558.9	561.2	565.8	568.1	565.8	*567.3*
142.5°	520.7	519.1	518.4	517.6	514.6	519.1	520.7	525.3	526.0	524.5	*526.8*
145°	480.2	480.9	480.2	479.4	477.1	480.9	482.4	486.3	487.0	485.5	*487.8*
147.5°	446.5	444.2	445.0	444.2	441.9	445.7	446.5	448.8	450.3	448.8	*450.3*
150°	412.9	411.3	411.3	410.6	409.0	412.1	412.9	415.2	415.9	414.4	*415.9*
152.5°	383.1	382.3	382.3	381.5	380.0	382.3	383.1	384.6	385.3	383.8	*384.6*
155°	356.3	355.5	355.5	354.8	353.2	355.5	355.5	357.1	357.8	357.1	*357.8*
157.5°	332.6	331.8	331.8	331.8	330.3	331.8	331.8	333.4	333.4	332.6	*333.4*
160°	313.5	311.9	312.7	311.9	310.4	311.9	311.9	312.7	312.7	312.7	*312.7*
162.5°	295.9	295.9	295.9	295.1	294.4	295.1	295.1	295.9	295.9	295.9	*295.1*
165°	282.1	282.1	282.1	281.4	280.6	281.4	281.4	281.4	281.4	281.4	*281.4*
167.5°	270.7	269.9	270.7	269.9	269.1	269.9	269.9	269.9	269.9	269.9	*269.9*
170°	260.7	260.7	260.7	260.7	260.0	260.7	260.7	260.7	260.7	260.7	*260.7*
172.5°	254.6	253.8	253.8	253.8	253.1	253.8	253.1	253.8	253.1	253.8	*253.1*
175°	249.3	249.3	249.3	249.3	248.5	248.5	248.5	248.5	248.5	248.5	*248.5*
177.5°	246.2	246.2	246.2	246.2	246.2	246.2	246.2	246.2	246.2	246.2	*246.2*
180°	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	245.4	*245.4*

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: SP1-2406-133-3

Test Date: 07/12/2024

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: v7.03

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

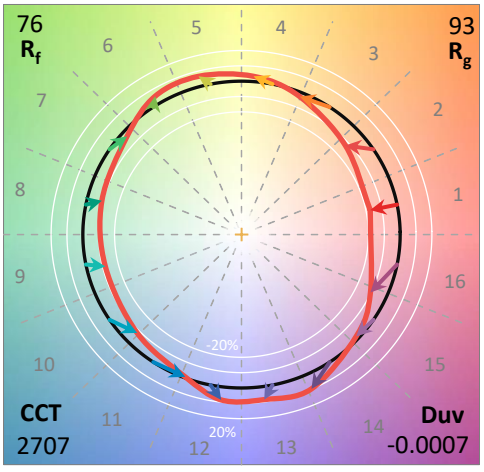
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	07/12/2024
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):	2707
CIE u':	0.2624
CIE v':	0.5261
Duv:	-0.0007
CIE x:	0.4580
CIE y:	0.4082
CIE z:	0.1338
Peak Wavelength (nm):	599
Dominant Wavelength (nm):	584
Purity:	59.99901
Rf:	75.5
Rg:	92.5

CRI (Ra):	71.3		
R1:	67.8	R9:	-34.9
R2:	84.5	R10:	65.1
R3:	94.2	R11:	59.2
R4:	64.8	R12:	54.2
R5:	66.9	R13:	71.2
R6:	79.2	R14:	97.5
R7:	74.4	R15:	59.4
R8:	38.8		



Test Conditions

Stabilization Time:	0.813602M
Operation Time:	1H
Sphere Temperature (°C):	24.7

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

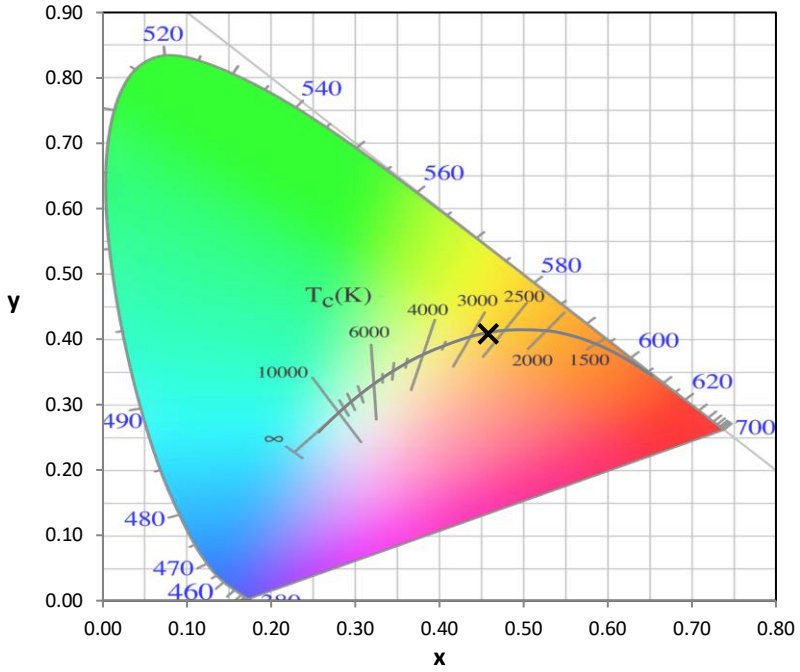
REPORT NUMBER: SP1-2406-133-3

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

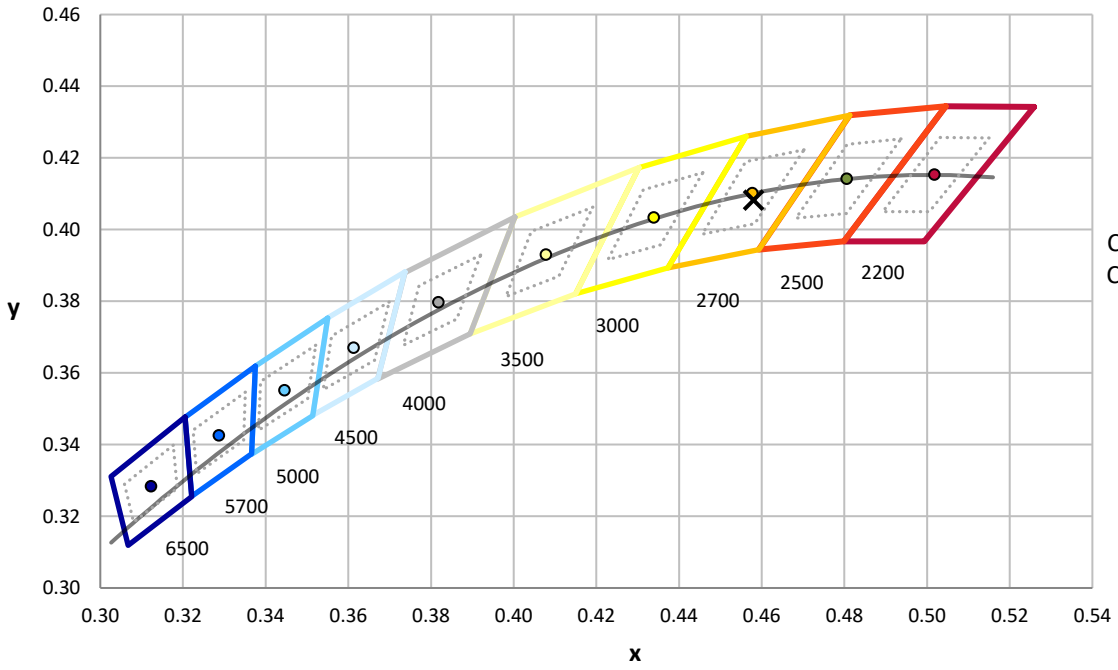
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-3

CIE 1931 Chromaticity Diagram



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



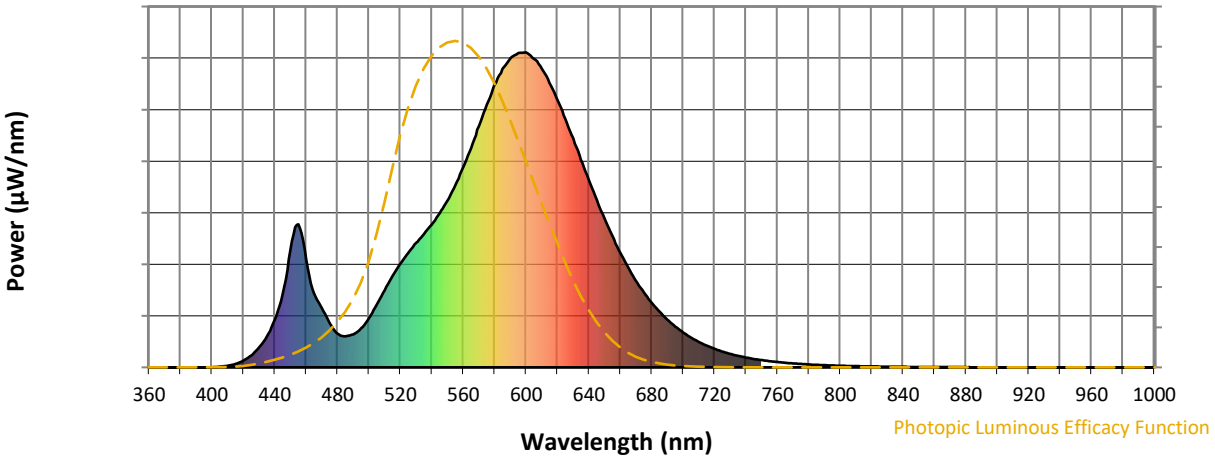
CCT = 2707K
CIE x = 0.4580
CIE y = 0.4082
Duv = -0.0007

Point lies inside the ANSI 2700K 4-step quadrangle

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

REPORT NUMBER: SP1-2406-133-3

Photopic Flux vs. Wavelength



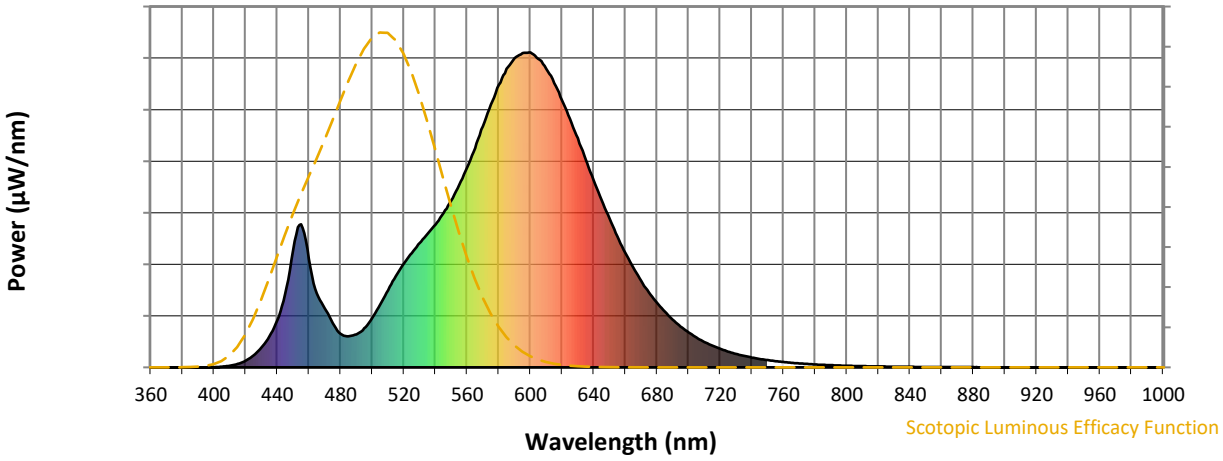
Photopic Lumens: NR

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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

REPORT NUMBER: SP1-2406-133-3

Scotopic Flux vs. Wavelength



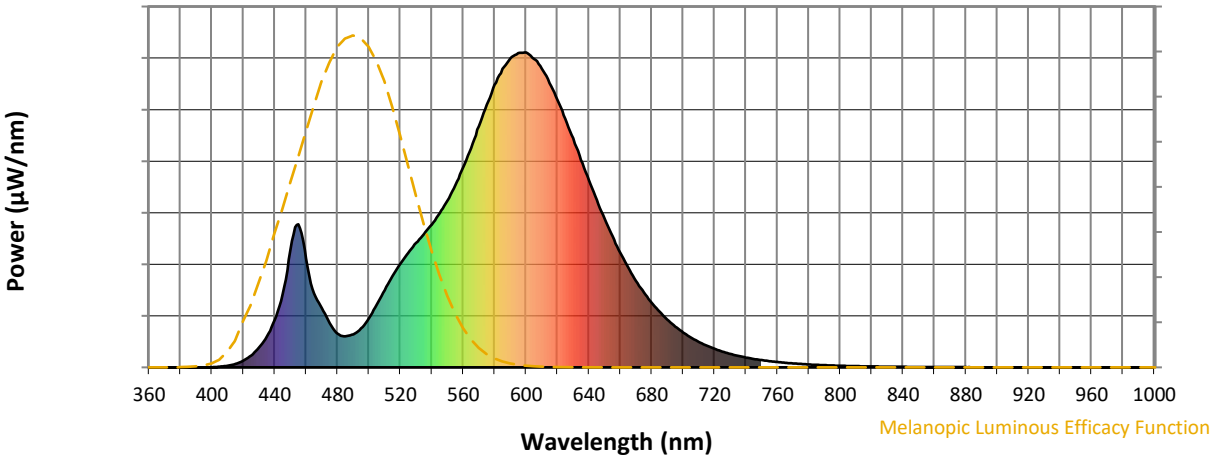
Scotopic Lumens: NR **S/P: 1.12**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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

REPORT NUMBER: SP1-2406-133-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.03**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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

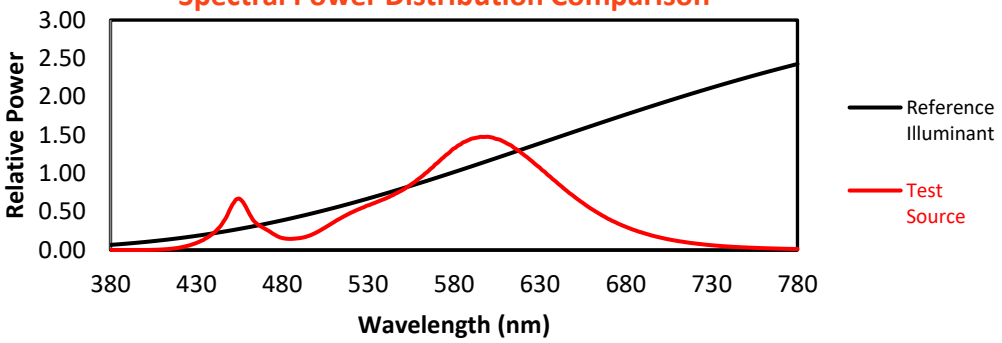
REPORT NUMBER: SP1-2406-133-3

TM-30-18

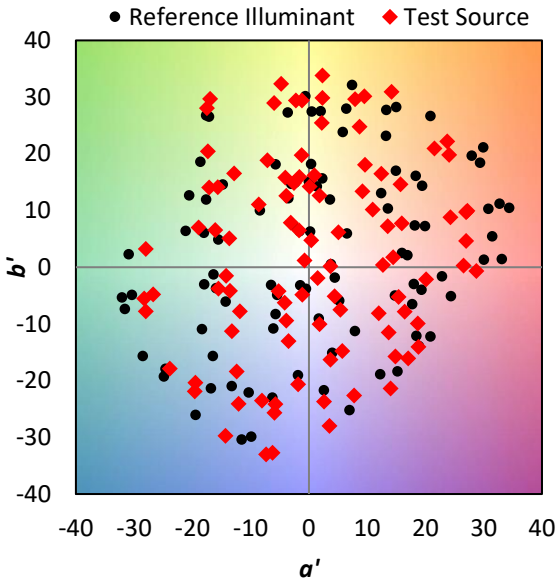
Summary

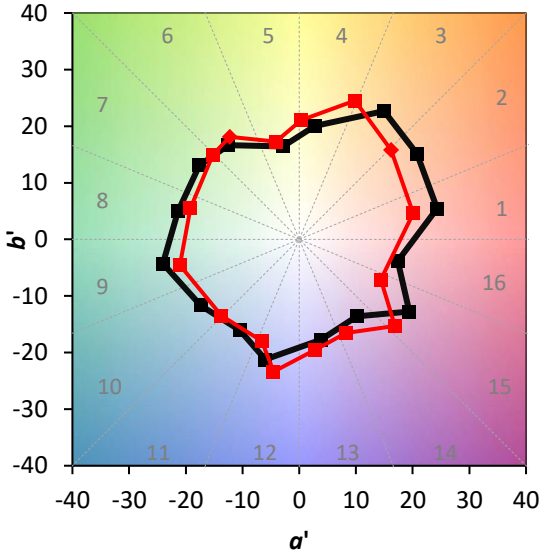
R_f = 75.5
R_g = 92.5
CIE R_a = 71.3
R_9 = -34.9

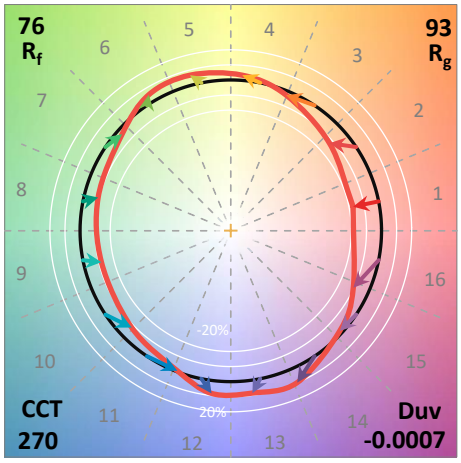
Spectral Power Distribution Comparison

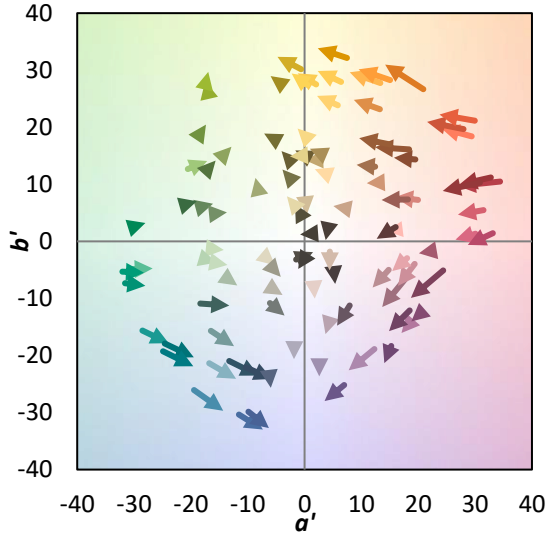


Color Vector Graphics









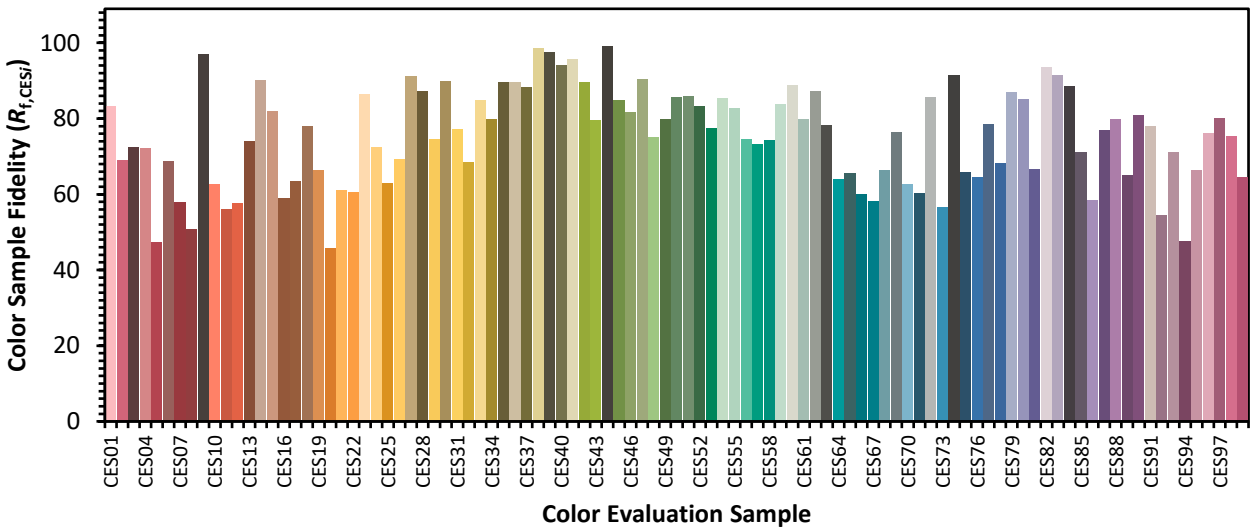
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-3

TM-30-18

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

CES01 = 86	CES26 = 69	CES51 = 86	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 83	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 77	CES78 = 68
CES04 = 71	CES29 = 75	CES54 = 85	CES79 = 87
CES05 = 50	CES30 = 90	CES55 = 83	CES80 = 85
CES06 = 52	CES31 = 77	CES56 = 75	CES81 = 67
CES07 = 42	CES32 = 68	CES57 = 73	CES82 = 93
CES08 = 41	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 80	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 89	CES85 = 71
CES11 = 60	CES36 = 90	CES61 = 80	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 87	CES87 = 77
CES13 = 43	CES38 = 99	CES63 = 78	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 65
CES15 = 72	CES40 = 94	CES65 = 66	CES90 = 81
CES16 = 48	CES41 = 96	CES66 = 60	CES91 = 78
CES17 = 51	CES42 = 90	CES67 = 58	CES92 = 54
CES18 = 57	CES43 = 80	CES68 = 66	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 66
CES21 = 88	CES46 = 82	CES71 = 60	CES96 = 76
CES22 = 80	CES47 = 90	CES72 = 86	CES97 = 80
CES23 = 92	CES48 = 75	CES73 = 57	CES98 = 75
CES24 = 91	CES49 = 80	CES74 = 92	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	

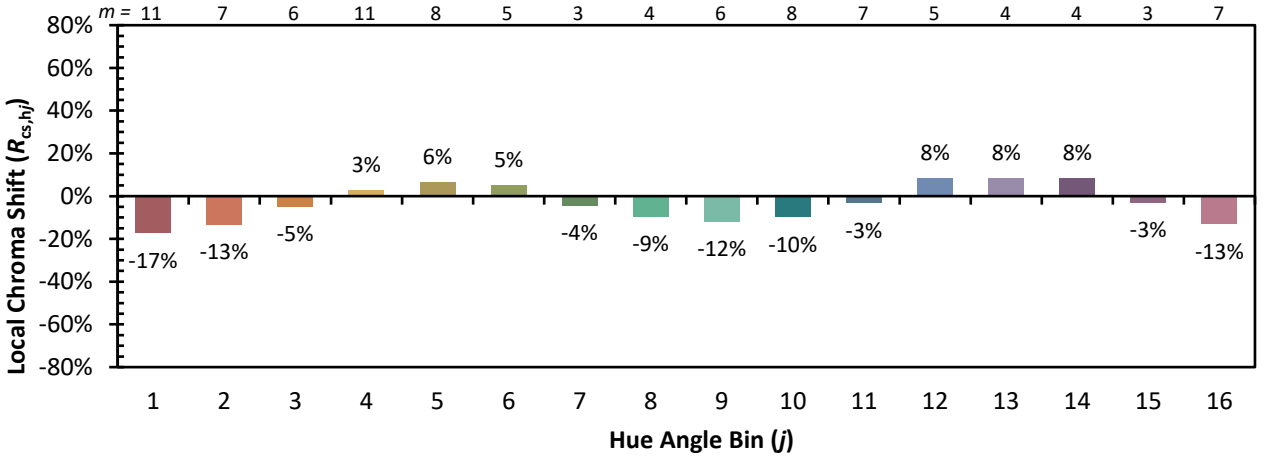


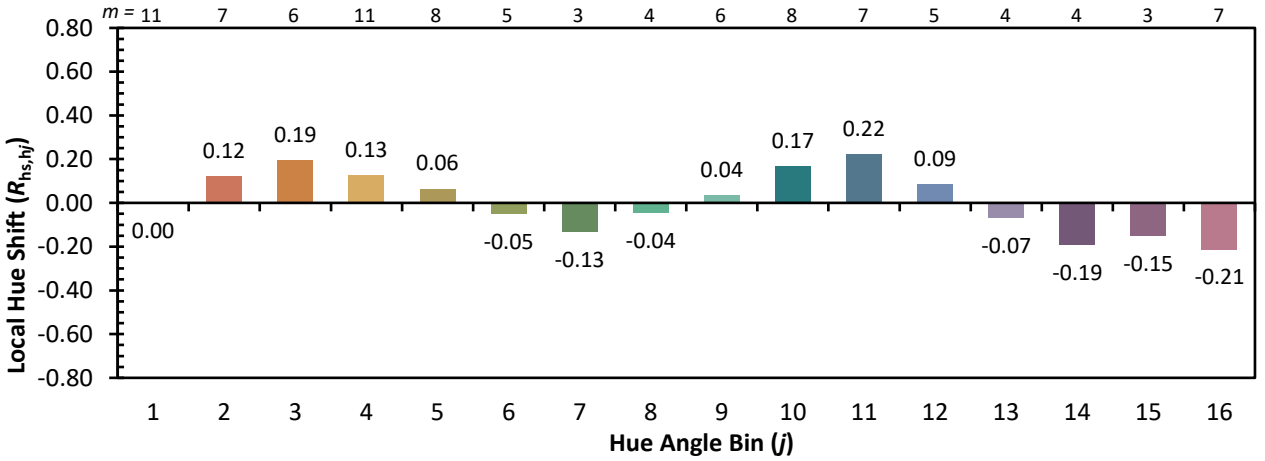
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

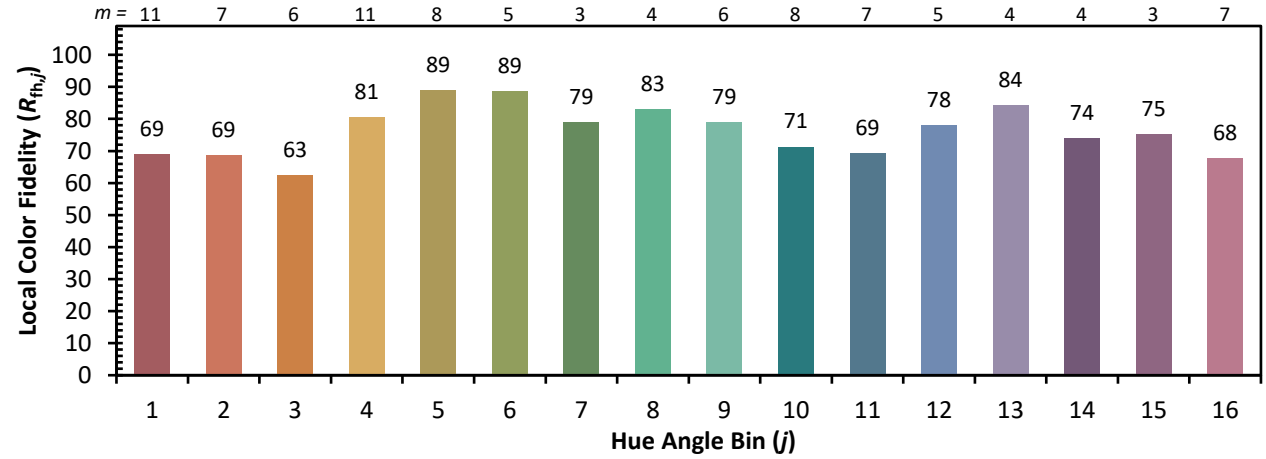
REPORT NUMBER: SP1-2406-133-3

TM-30-18

Color Rendition by Hue-Angle Bin





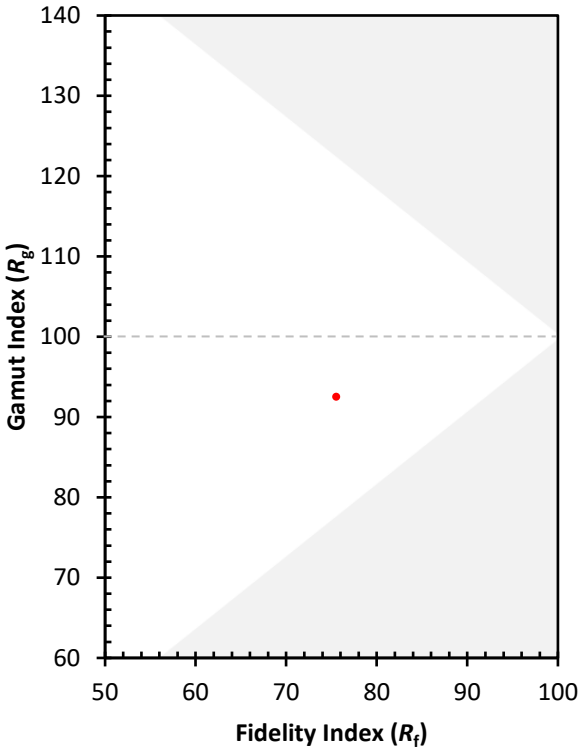


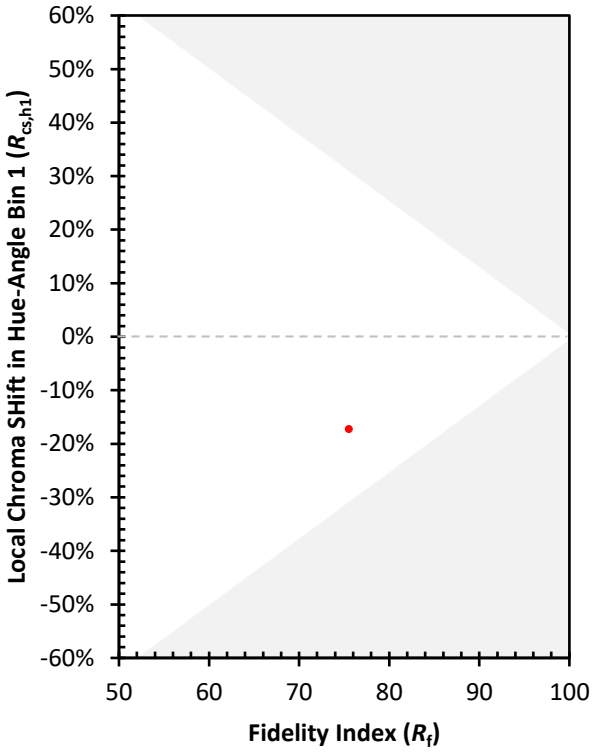
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-3

TM-30-18

Measure Comparisons





(END OF REPORT)