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: P856292

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

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:	P856292
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-FG
Description:	FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12426.3 lumens
Efficiency:	N/A
Efficacy:	153.8 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.58' x H: 1.5')
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

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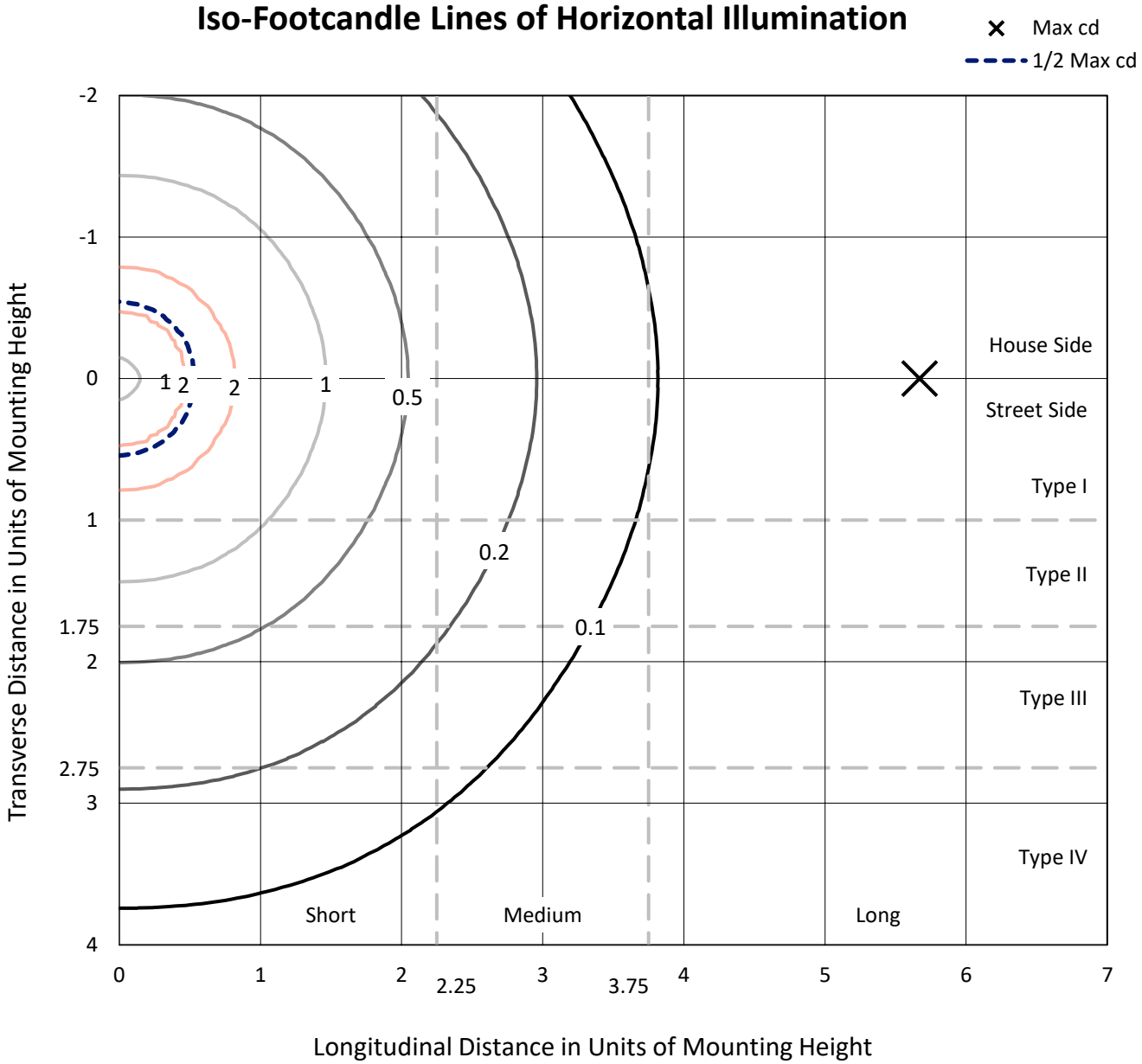
Scaled Data Report

REPORT NUMBER: P856292
CATALOG NUMBER: FFX-CLB-80-727-U-FG

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 2.2 fc
Type V - Short - N/A

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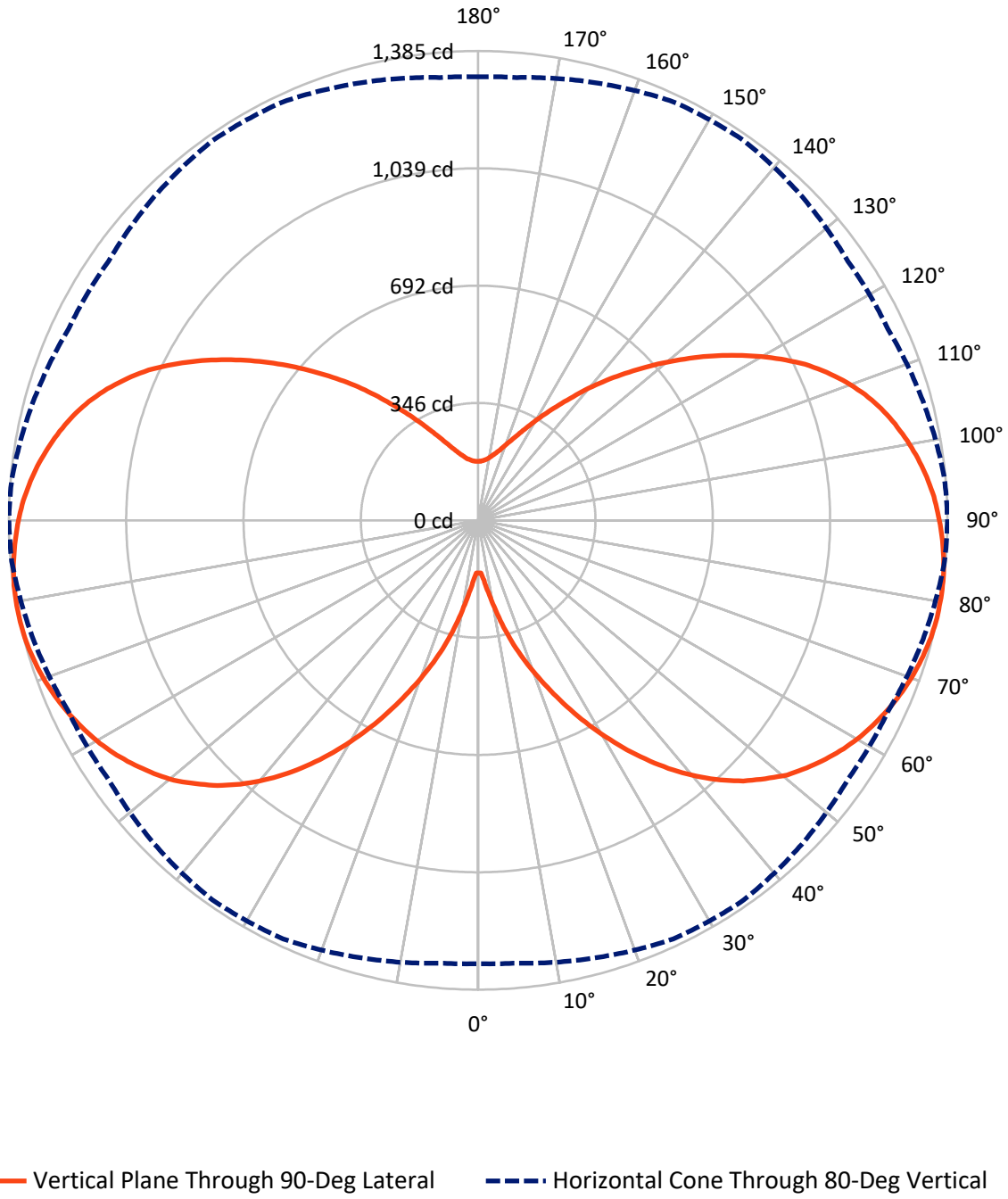
Luminous Intensity Polar Plot



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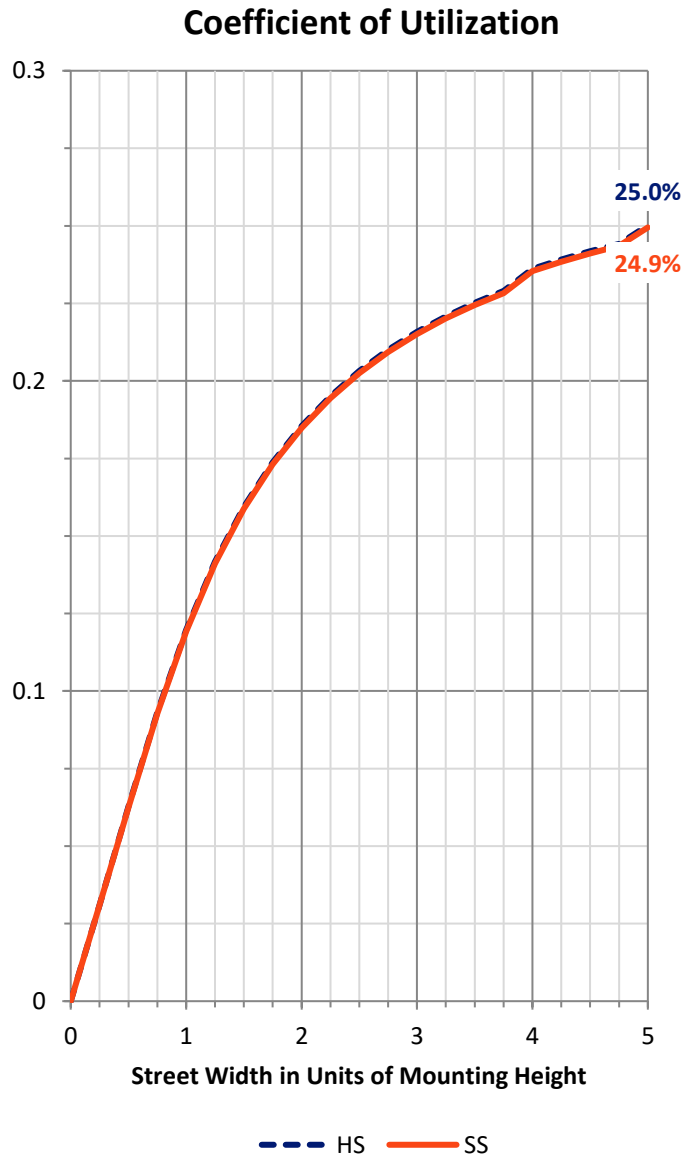
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3535.4	2677.7	6213.1
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	3535.4	2677.7	6213.1
	% Fixture	28.5	21.5	50.0
Total	Lumens	7070.8	5355.5	12426.3
	% Fixture	56.9	43.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.7	0.2
10°-20°	108.4	0.9
20°-30°	285.1	2.3
30°-40°	545.1	4.4
40°-50°	837.9	6.7
50°-60°	1097.7	8.8
60°-70°	1295.5	10.4
70°-80°	1421.2	11.4
80°-90°	1460.2	11.8
90°-100°	1406.8	11.3
100°-110°	1261.4	10.2
110°-120°	1025.0	8.2
120°-130°	732.4	5.9
130°-140°	463.2	3.7
140°-150°	259.4	2.1
150°-160°	130.6	1.1
160°-170°	59.3	0.5
170°-180°	17.2	0.1
0°-90°	7070.8	56.9
0°-180°	12426.3	100.0



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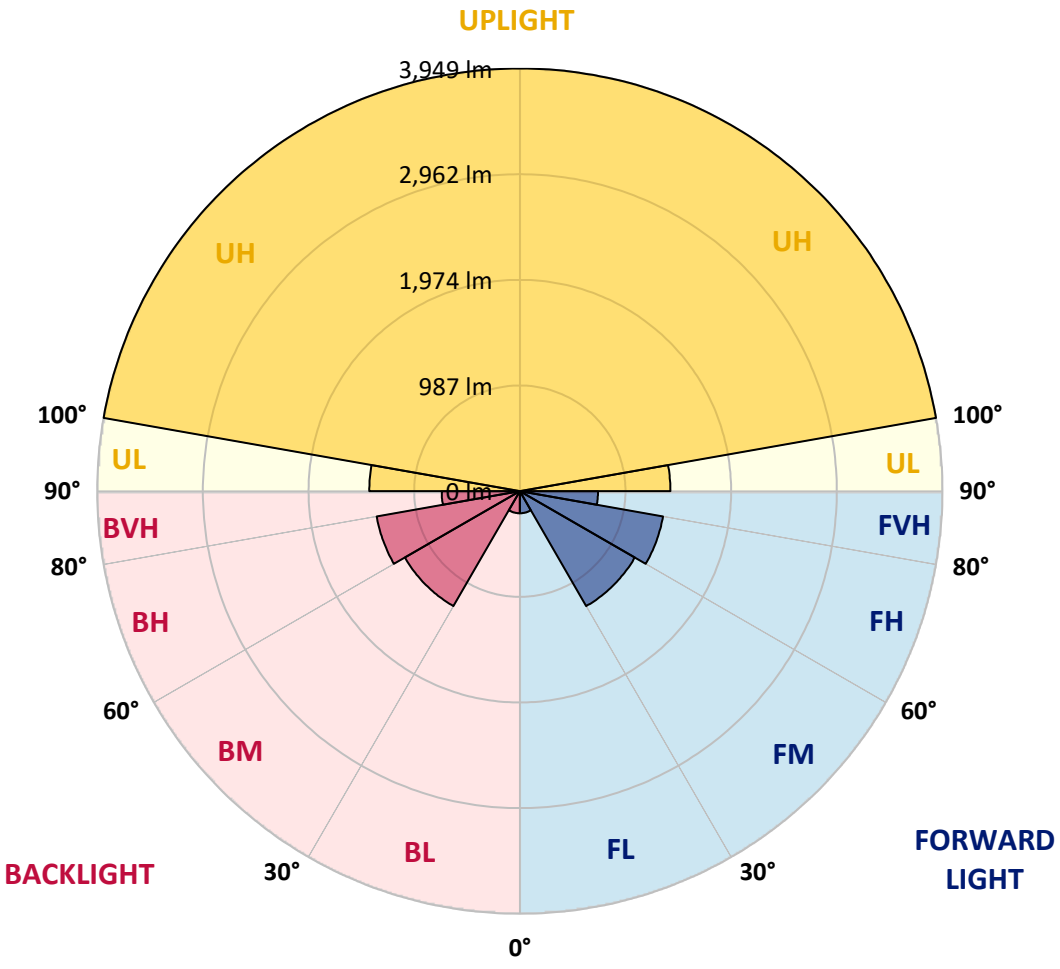
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	206.6	1.7			
FM	(30°-60°)	1240.3	10.0			
FH	(60°-80°)	1358.4	10.9			G1/1800
FVH	(80°-90°)	730.1	5.9			G4/750
BL	(0°-30°)	206.6	1.7	B1/500		
BM	(30°-60°)	1240.3	10.0	B2/2500		
BH	(60°-80°)	1358.4	10.9	B3/2500		G1/1800
BVH	(80°-90°)	730.1	5.9			G4/750
UL	(90°-100°)	1406.8	11.3		U5	
UH	(100°-180°)	3948.7	31.8		U5	

BUG Rating: B3-U5-G4
Type V Short



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REPORT NUMBER: P856292
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	*156.0*
2.5°	163.6	163.6	162.9	161.4	160.6	159.8	158.3	156.0	155.2	155.2	*155.2*
5°	178.2	178.9	178.9	178.2	178.9	177.4	177.4	175.9	176.6	176.6	*177.4*
7.5°	214.1	214.1	214.9	214.9	215.6	214.1	214.9	214.1	214.9	214.9	*214.1*
10°	260.8	260.8	262.3	260.8	261.5	260.0	259.2	259.2	261.5	260.8	*260.0*
12.5°	313.5	315.1	314.3	313.5	315.1	313.5	312.0	312.8	315.8	314.3	*313.5*
15°	369.4	370.9	372.4	370.1	370.9	370.1	369.4	370.1	373.2	371.6	*370.9*
17.5°	425.9	426.7	428.2	425.2	425.9	426.7	425.9	426.7	429.0	428.2	*427.5*
20°	482.5	484.1	485.6	482.5	483.3	484.1	483.3	484.1	487.1	485.6	*484.8*
22.5°	542.2	542.9	546.0	542.2	543.7	544.5	542.9	544.5	547.5	546.0	*545.2*
25°	604.1	603.3	607.9	604.9	605.6	607.2	605.6	607.2	611.0	611.0	*608.7*
27.5°	667.6	667.6	671.4	669.1	670.6	669.9	671.4	672.9	676.8	677.5	*675.2*
30°	731.1	731.1	737.2	733.3	735.6	736.4	736.4	737.9	742.5	744.1	*741.0*
32.5°	794.5	794.5	797.6	798.3	799.9	800.6	802.2	802.2	808.3	809.1	*807.5*
35°	856.5	856.5	859.5	861.1	864.9	863.3	865.6	865.6	872.5	873.3	*872.5*
37.5°	915.3	916.1	919.9	921.5	924.5	924.5	926.1	927.6	933.7	936.0	*935.2*
40°	971.2	972.7	975.8	978.8	981.9	981.9	982.6	984.9	991.8	994.1	*993.3*
42.5°	1021.6	1022.4	1027.0	1031.6	1034.6	1034.6	1035.4	1036.9	1044.6	1047.6	*1047.6*
45°	1066.0	1068.3	1074.4	1080.5	1083.6	1082.8	1082.8	1085.1	1093.5	1097.3	*1097.3*
47.5°	1107.3	1110.3	1117.2	1123.3	1126.4	1126.4	1125.6	1127.9	1137.1	1141.7	*1139.4*
50°	1144.0	1146.3	1153.9	1163.1	1165.4	1165.4	1163.1	1165.4	1175.3	1181.5	*1181.5*
52.5°	1174.6	1176.9	1186.0	1196.0	1199.0	1198.3	1195.2	1197.5	1207.5	1214.3	*1213.6*
55°	1200.6	1203.6	1213.6	1225.8	1228.9	1226.6	1222.8	1225.0	1235.8	1244.9	*1244.2*
57.5°	1224.3	1226.6	1238.0	1251.0	1255.6	1251.8	1246.5	1248.8	1261.0	1270.9	*1271.7*
60°	1244.2	1246.5	1259.5	1274.8	1278.6	1274.0	1267.1	1269.4	1283.2	1294.6	*1296.2*
62.5°	1261.0	1263.3	1277.8	1294.6	1300.0	1293.1	1284.7	1287.0	1302.3	1315.3	*1316.0*
65°	1274.8	1277.0	1293.9	1311.5	1316.8	1309.2	1299.2	1301.5	1318.3	1332.9	*1334.4*
67.5°	1285.5	1288.5	1307.6	1326.8	1331.3	1322.2	1310.7	1313.0	1331.3	1348.2	*1349.7*
70°	1294.6	1298.5	1318.3	1339.0	1344.3	1333.6	1319.9	1322.9	1343.6	1360.4	*1362.7*
72.5°	1301.5	1305.3	1326.8	1348.9	1355.0	1342.0	1326.8	1329.8	1352.0	1370.3	*1372.6*
75°	1306.1	1309.9	1332.9	1356.6	1361.9	1348.2	1331.3	1334.4	1357.3	1377.2	*1380.3*
77.5°	1308.4	1312.2	1336.7	1361.2	1366.5	1350.5	1332.9	1335.9	1359.6	1381.0	*1384.1*
80°	*1308.4*	*1311.5*	*1336.7*	*1362.7*	*1367.3*	*1351.2*	*1332.1*	*1334.4*	*1358.9*	*1381.8*	*1384.9*
82.5°	1306.1	1309.2	1335.2	1361.2	1365.8	1348.2	1328.3	1331.3	1356.6	1379.5	*1383.3*
85°	1300.8	1303.8	1329.8	1356.6	1361.2	1342.0	1321.4	1324.5	1349.7	1374.2	*1378.0*
87.5°	1293.1	1296.9	1322.2	1348.9	1352.8	1332.9	1313.0	1314.5	1341.3	1366.5	*1369.6*
90°	1283.9	1287.8	1311.5	1338.2	1342.0	1322.2	1301.5	1303.8	1329.8	1355.8	*1358.9*
92.5°	1273.2	1276.3	1299.2	1323.7	1328.3	1307.6	1287.8	1290.8	1316.8	1342.8	*1346.6*
95°	1259.5	1261.8	1283.2	1306.1	1309.9	1291.6	1271.7	1274.8	1300.8	1326.0	*1329.8*
97.5°	1242.6	1244.2	1263.3	1283.9	1288.5	1270.9	1252.6	1255.6	1280.9	1306.1	*1310.7*
100°	1223.5	1224.3	1241.1	1258.7	1262.5	1248.0	1231.2	1235.0	1258.7	1284.7	*1287.8*
102.5°	1201.3	1201.3	1215.1	1229.6	1234.2	1222.0	1207.5	1211.3	1234.2	1258.7	*1262.5*
105°	1176.9	1174.6	1184.5	1196.0	1201.3	1192.2	1181.5	1184.5	1205.9	1229.6	*1234.2*
107.5°	1146.3	1144.0	1150.9	1160.8	1166.2	1159.3	1150.9	1155.5	1173.8	1196.0	*1200.6*
110°	1111.9	1108.8	1111.9	1119.5	1125.6	1121.1	1116.5	1120.3	1137.9	1158.5	*1161.6*

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Scaled Data Report

REPORT NUMBER: P856292
CATALOG NUMBER: FFX-CLB-80-727-U-FG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1072.1	1068.3	1069.1	1074.4	1079.8	1079.0	1075.9	1082.1	1096.6	1113.4	*1117.2*
115°	1026.2	1022.4	1020.1	1023.2	1027.8	1030.8	1033.9	1037.7	1049.2	1062.9	*1069.1*
117.5°	978.1	971.9	968.1	968.1	973.5	978.8	984.2	989.5	997.2	1010.2	*1012.5*
120°	922.2	918.4	913.1	913.1	917.6	923.0	931.4	937.5	942.1	951.3	*954.3*
122.5°	867.2	861.8	856.5	856.5	859.5	867.2	878.6	884.0	886.3	891.6	*893.9*
125°	811.3	805.2	799.1	799.1	802.2	809.8	822.8	827.4	828.9	831.2	*833.5*
127.5°	754.8	748.6	743.3	741.0	745.6	751.7	764.7	770.8	771.6	771.6	*773.1*
130°	698.2	693.6	688.2	685.9	690.5	695.9	710.4	716.5	713.5	713.5	*714.2*
132.5°	644.6	640.1	634.7	633.2	636.2	643.1	656.1	661.5	659.2	656.1	*656.9*
135°	592.6	588.8	581.9	581.2	585.8	588.8	601.1	606.4	604.1	601.1	*601.8*
137.5°	542.9	539.1	533.0	532.2	536.8	540.6	549.8	555.2	552.1	549.1	*549.8*
140°	495.5	490.9	486.3	485.6	488.6	492.5	500.9	503.9	500.9	498.6	*499.3*
142.5°	451.2	448.1	442.8	442.8	444.3	447.3	454.2	457.3	454.2	451.2	*449.6*
145°	409.1	405.3	402.2	401.5	403.0	406.1	410.6	413.7	410.6	408.3	*406.8*
147.5°	371.6	368.6	365.5	365.5	366.3	368.6	372.4	373.2	370.9	369.4	*367.8*
150°	337.2	334.2	332.6	331.9	332.6	333.4	336.5	338.0	335.7	334.2	*332.6*
152.5°	305.9	303.6	302.1	302.8	302.8	303.6	304.4	305.1	302.8	302.8	*301.3*
155°	278.4	276.8	275.3	276.1	276.1	276.1	276.8	276.8	275.3	275.3	*274.5*
157.5°	255.4	253.9	253.1	253.9	253.9	253.1	253.9	253.9	252.4	252.4	*251.6*
160°	235.5	234.0	234.0	234.0	234.0	233.2	234.8	234.0	233.2	232.5	*232.5*
162.5°	219.5	217.9	217.9	218.7	217.9	217.9	217.9	217.9	217.2	217.2	*216.4*
165°	206.5	204.9	204.9	205.7	204.9	204.9	204.9	204.9	204.2	204.2	*204.2*
167.5°	195.8	195.0	195.0	195.0	195.0	194.2	195.0	195.0	194.2	194.2	*194.2*
170°	187.4	186.6	186.6	186.6	186.6	186.6	186.6	186.6	186.6	185.8	*185.8*
172.5°	182.0	181.2	181.2	181.2	181.2	181.2	181.2	181.2	180.5	180.5	*180.5*
175°	178.2	177.4	177.4	177.4	177.4	177.4	177.4	177.4	177.4	176.6	*176.6*
177.5°	175.9	175.1	175.1	175.1	175.1	175.1	175.1	175.1	175.1	174.4	*174.4*
180°	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	*174.4*

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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-3

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

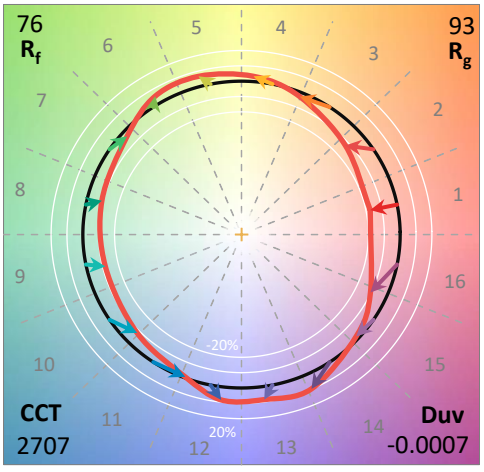
Test Information

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



Test Conditions

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

Cooper Lighting Solutions Photometric Lab
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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

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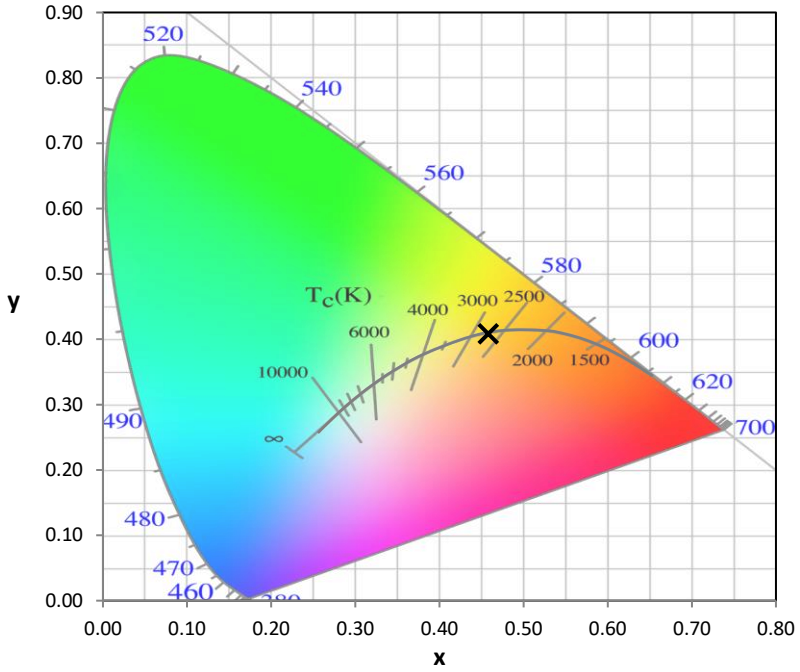
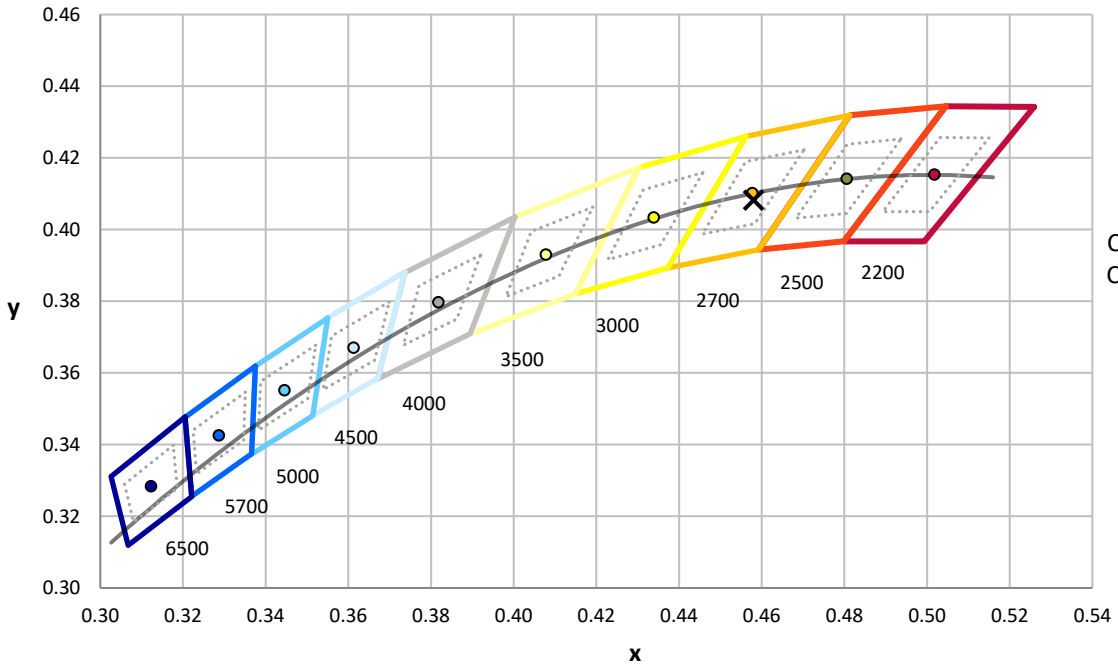
REPORT NUMBER: SP1-2406-133-3

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

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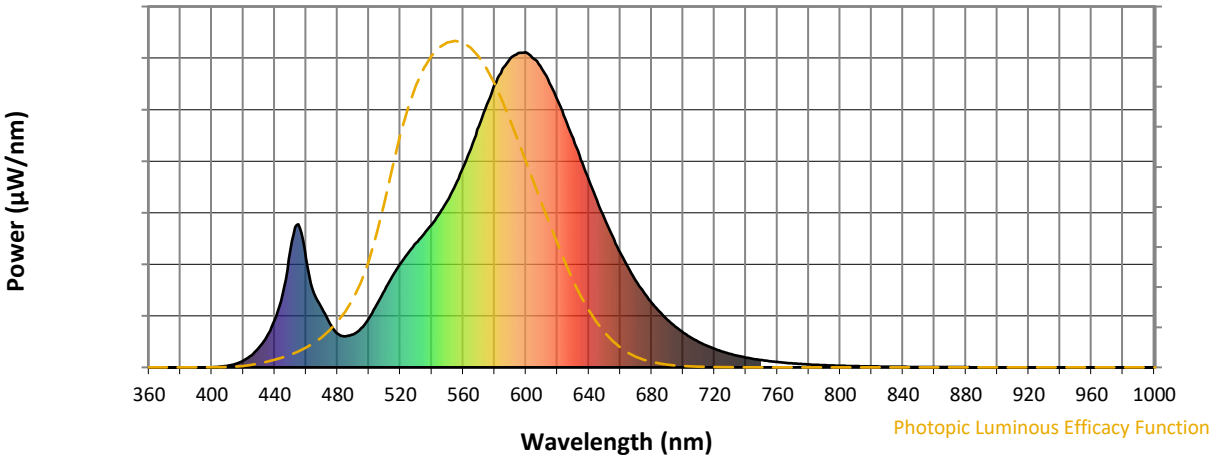
Photopic Flux vs. Wavelength



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			

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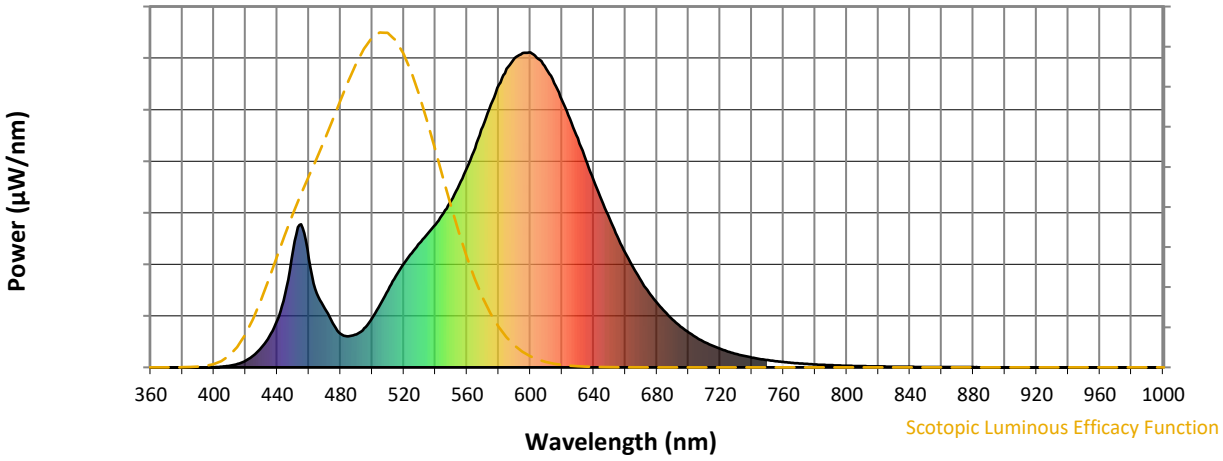
Scotopic Flux vs. Wavelength



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			

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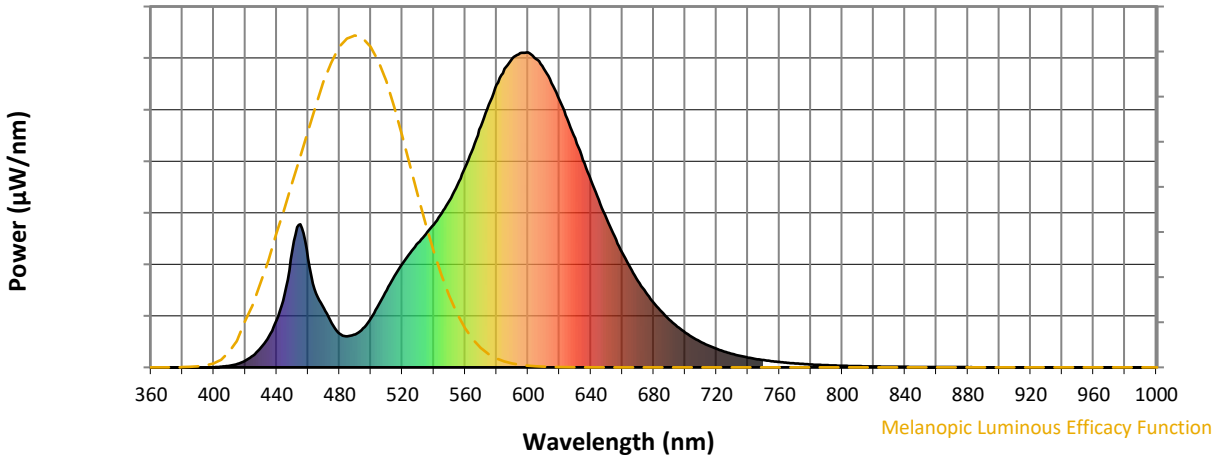
Melanopic Flux vs. Wavelength



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			

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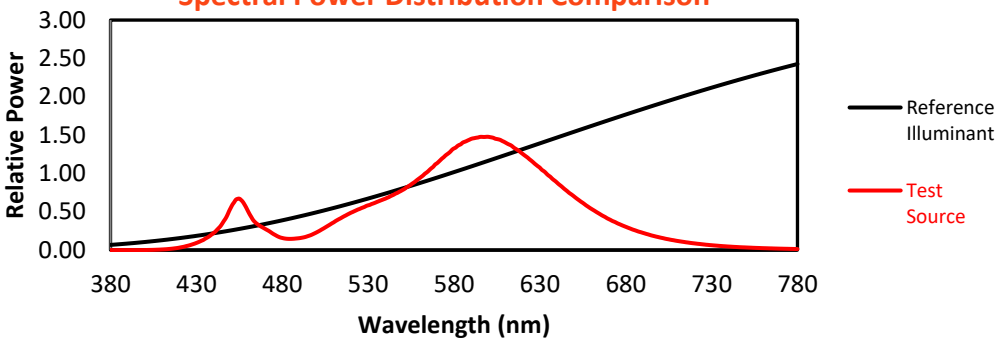
TM-30-18

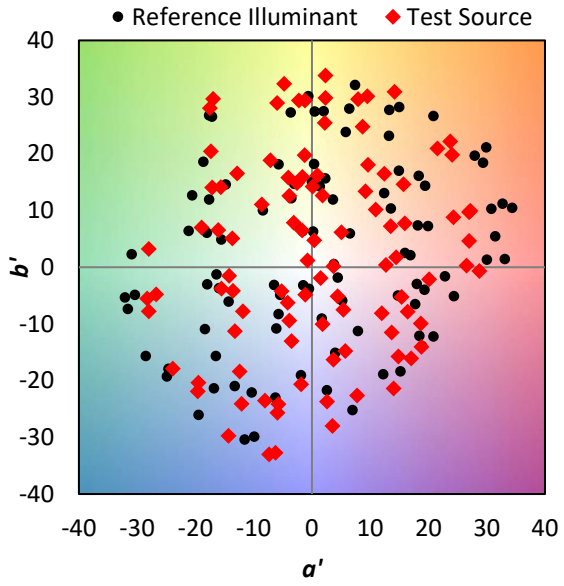
Summary

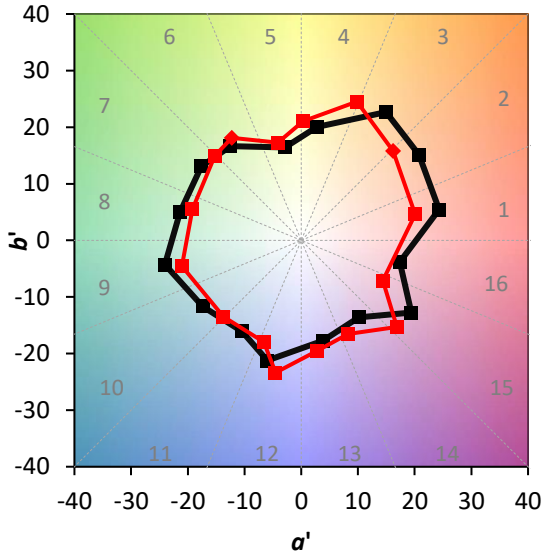
R_f = 75.5
R_g = 92.5
CIE R_a = 71.3
R_9 = -34.9

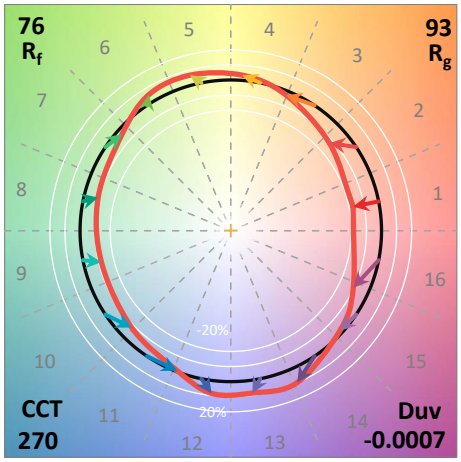
Spectral Power Distribution Comparison

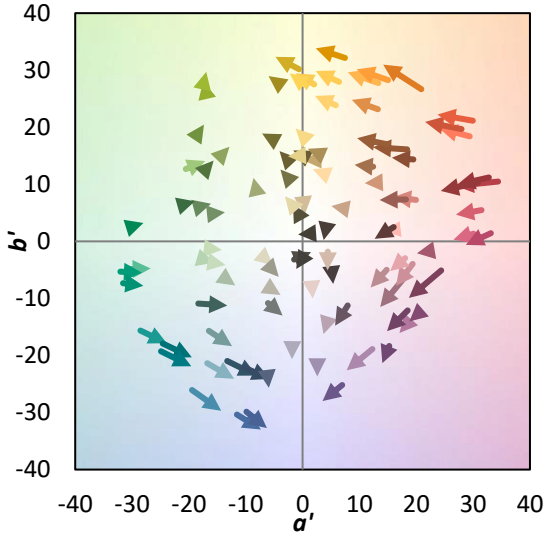


Color Vector Graphics









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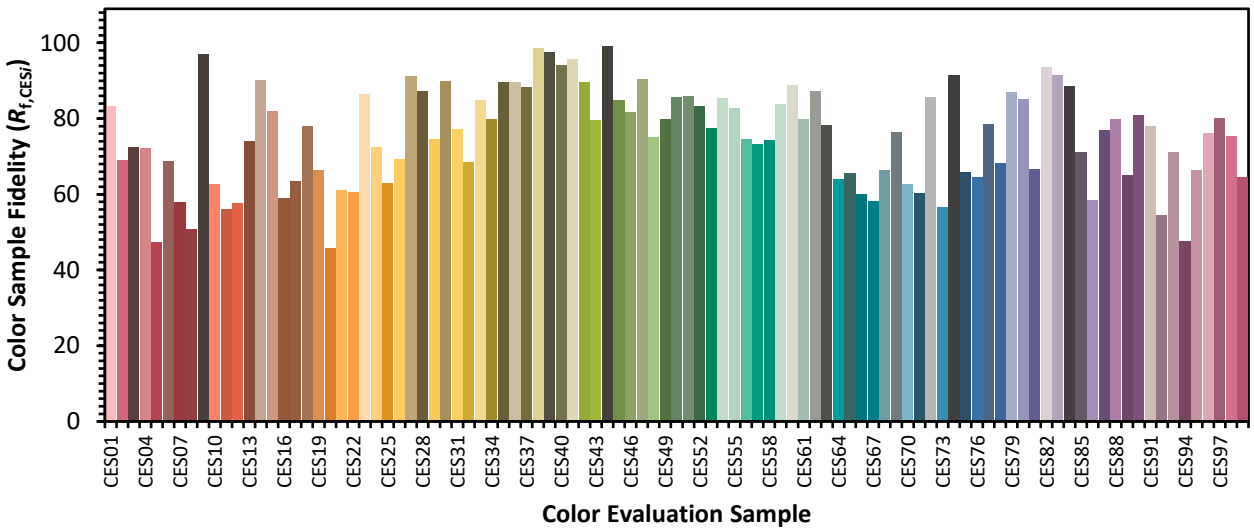
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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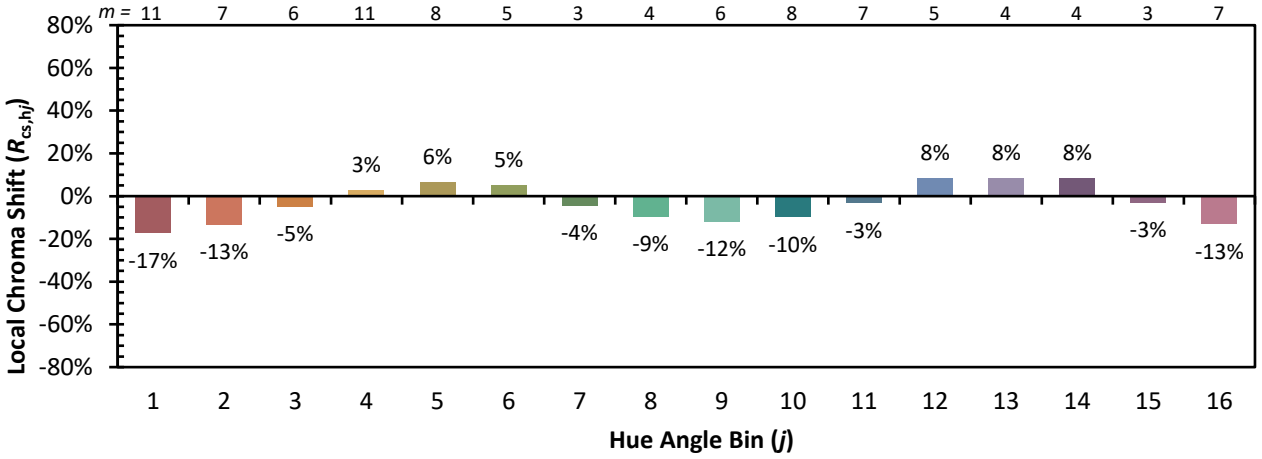
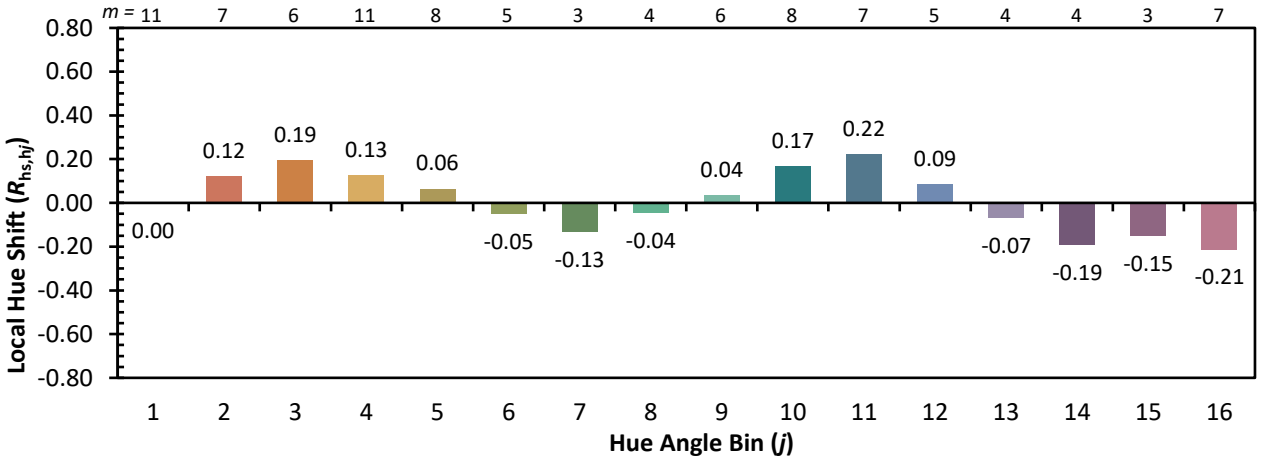
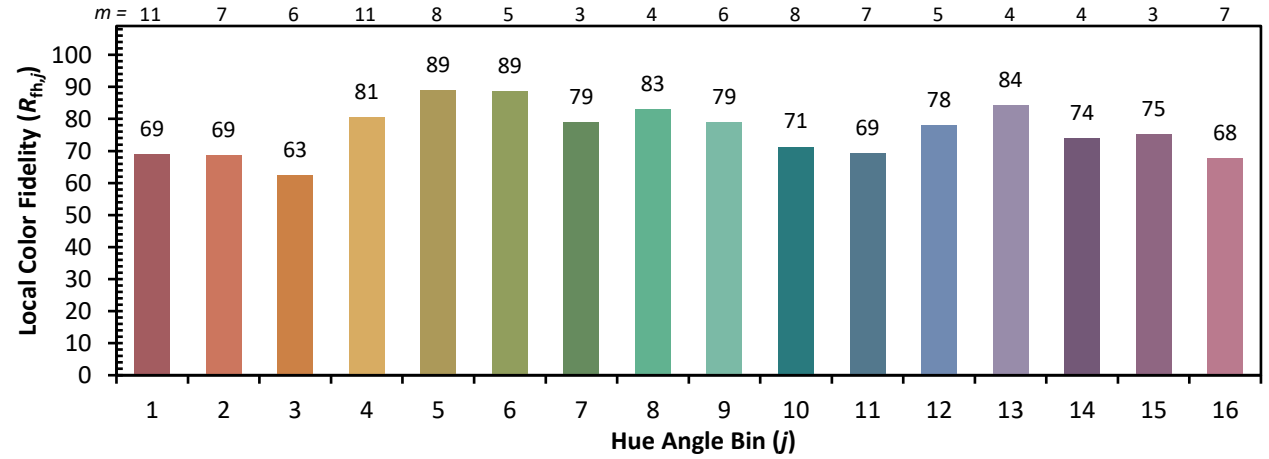
Color Rendition by Hue-Angle Bin







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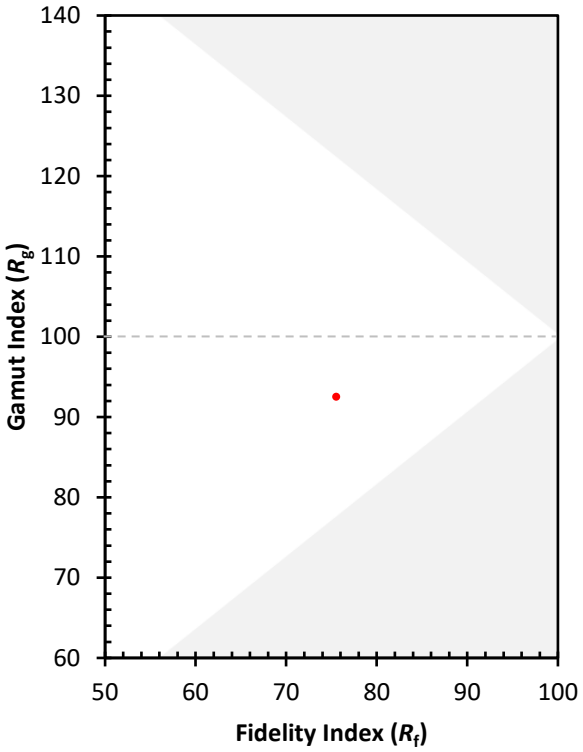
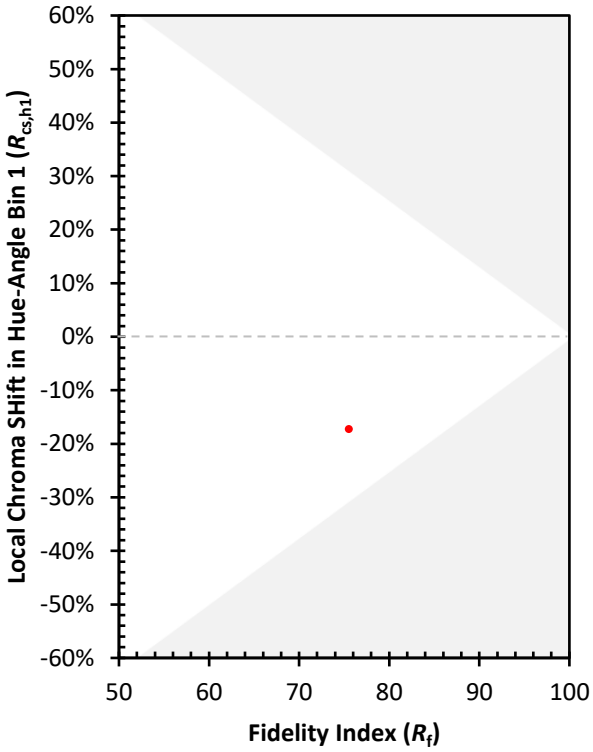
Measure Comparisons





(END OF REPORT)