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: P981272

Luminaire Tested: **FFX-CLB-90-722-U-VM9-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:	P981272
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	04/15/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-90-722-U-VM9-T5
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12457.1 lumens
Efficiency:	N/A
Efficacy:	137.5 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G4

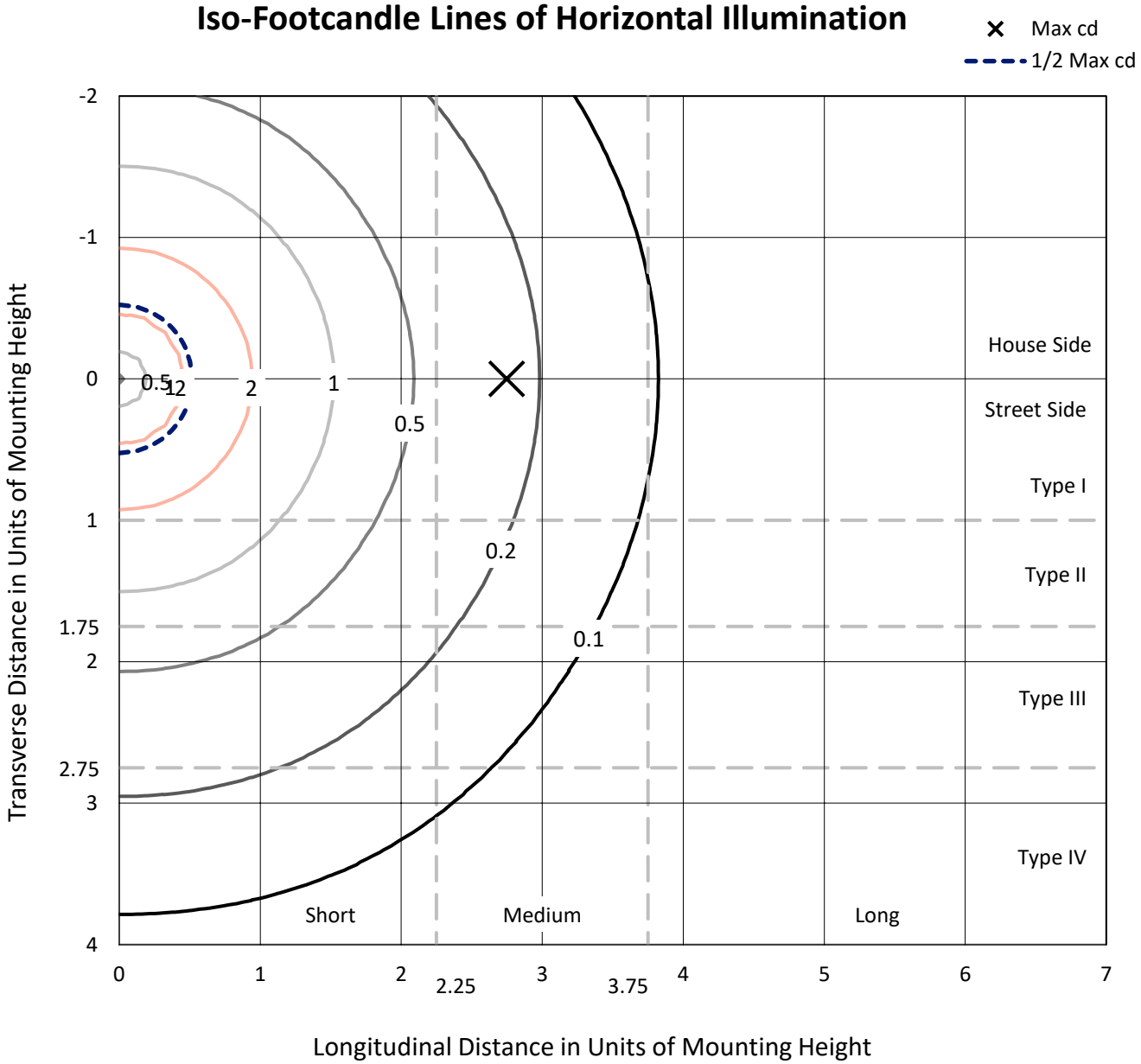
Input Watts (W):	90.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.42%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P981272
CATALOG NUMBER: FFX-CLB-90-722-U-VM9-T5

Iso-Footcandle Lines of Horizontal Illumination



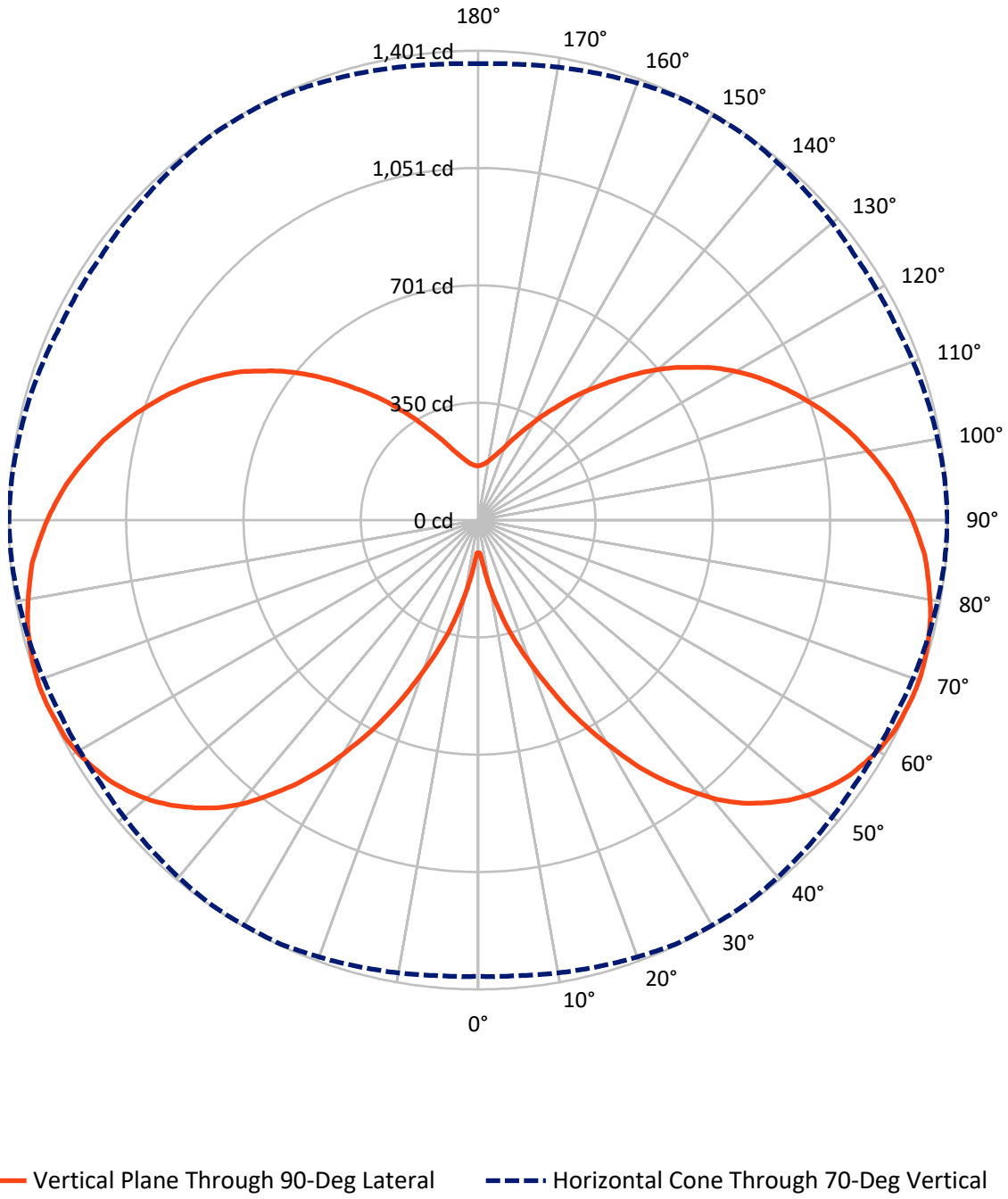
Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
Type V - Short - N/A

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Scaled Data Report

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Luminous Intensity Polar Plot



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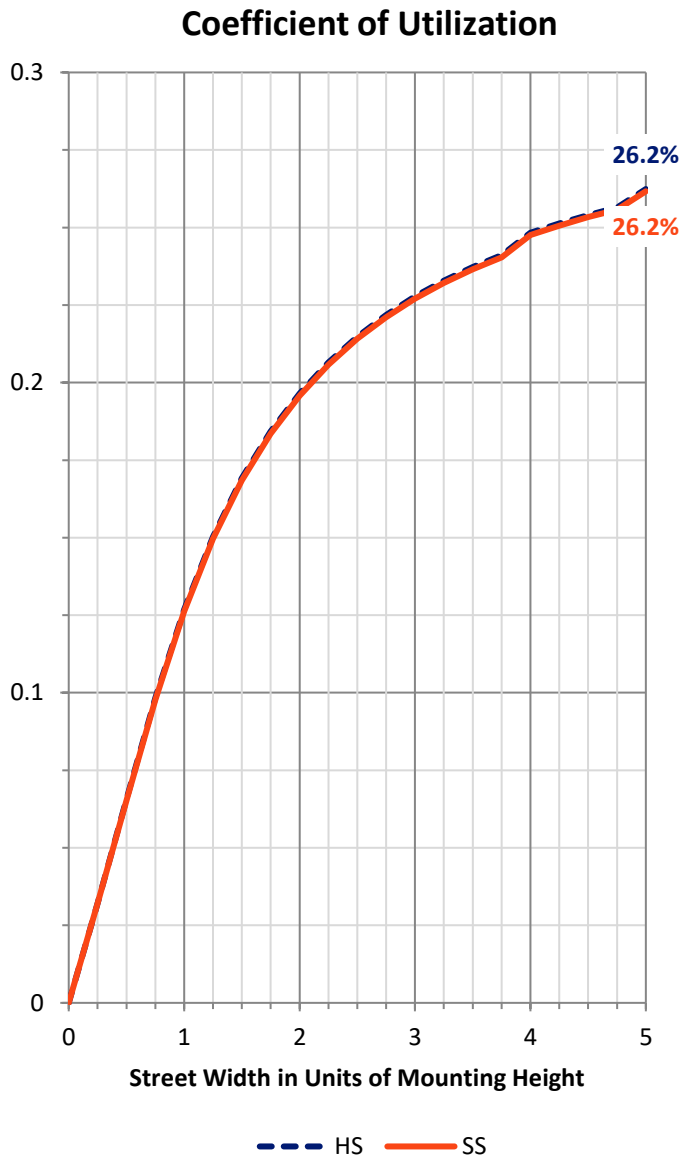
REPORT NUMBER: P981272
CATALOG NUMBER: FFX-CLB-90-722-U-VM9-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3687.6	2540.9	6228.6
	% Fixture	29.6	20.4	50.0
Street Side	Lumens	3687.6	2540.9	6228.6
	% Fixture	29.6	20.4	50.0
Total	Lumens	7375.3	5081.8	12457.1
	% Fixture	59.2	40.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.7	0.1
10°-20°	99.5	0.8
20°-30°	292.3	2.3
30°-40°	594.5	4.8
40°-50°	922.4	7.4
50°-60°	1191.3	9.6
60°-70°	1369.7	11.0
70°-80°	1451.5	11.7
80°-90°	1439.4	11.6
90°-100°	1338.1	10.7
100°-110°	1166.5	9.4
110°-120°	952.7	7.6
120°-130°	706.3	5.7
130°-140°	457.2	3.7
140°-150°	258.6	2.1
150°-160°	128.9	1.0
160°-170°	57.2	0.5
170°-180°	16.2	0.1
0°-90°	7375.3	59.2
0°-180°	12457.1	100.0



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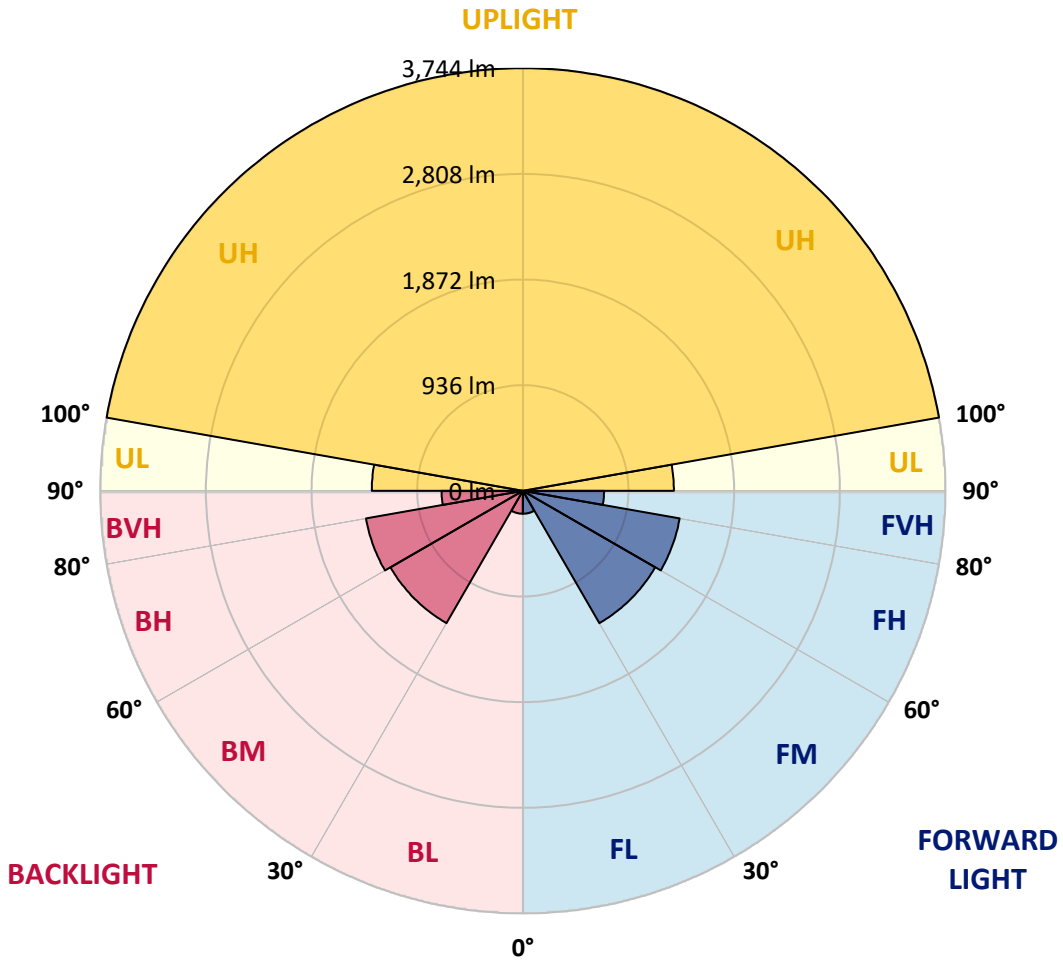
Scaled Data Report

REPORT NUMBER: P981272
CATALOG NUMBER: FFX-CLB-90-722-U-VM9-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	203.3	1.6			
FM	(30°-60°)	1354.1	10.9			
FH	(60°-80°)	1410.6	11.3			G1/1800
FVH	(80°-90°)	719.7	5.8			G4/750
BL	(0°-30°)	203.3	1.6	B1/500		
BM	(30°-60°)	1354.1	10.9	B2/2500		
BH	(60°-80°)	1410.6	11.3	B3/2500		G1/1800
BVH	(80°-90°)	719.7	5.8			G4/750
UL	(90°-100°)	1338.1	10.7		U5	
UH	(100°-180°)	3743.7	30.1		U5	

BUG Rating: B3-U5-G4
Type V Short



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REPORT NUMBER: P981272
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	*99.1*
2.5°	99.1	99.1	99.1	99.1	98.3	98.3	98.3	98.3	98.3	98.3	*98.3*
5°	122.3	121.5	121.5	122.3	122.3	122.3	121.5	122.3	120.7	120.0	*121.5*
7.5°	164.1	164.1	164.1	164.1	162.5	162.5	164.9	163.3	164.1	163.3	*164.9*
10°	214.4	214.4	213.6	215.2	216.0	215.2	214.4	216.7	215.2	215.2	*216.7*
12.5°	271.7	272.5	272.5	273.2	274.8	272.5	274.8	274.8	274.8	273.2	*272.5*
15°	337.5	336.7	338.2	337.5	334.4	337.5	338.2	336.7	337.5	338.2	*339.0*
17.5°	398.6	397.8	398.6	397.8	400.9	401.7	400.9	400.9	400.9	401.7	*400.2*
20°	466.0	466.7	464.4	466.7	466.7	468.3	471.4	470.6	471.4	469.1	*466.7*
22.5°	539.5	540.3	537.9	537.2	541.8	541.0	541.0	543.4	544.9	544.9	*543.4*
25°	618.4	616.9	616.9	619.2	619.2	618.4	622.3	623.9	623.1	625.4	*627.0*
27.5°	697.4	695.8	695.8	698.9	698.9	698.9	698.9	705.9	706.7	708.2	*709.0*
30°	774.0	779.4	779.4	777.9	780.2	784.1	786.4	786.4	788.7	788.7	*789.5*
32.5°	857.6	857.6	859.2	861.5	861.5	868.5	864.6	870.8	869.2	873.9	*877.0*
35°	936.6	938.1	938.1	942.8	942.8	944.3	945.1	949.0	954.4	953.6	*954.4*
37.5°	1010.1	1009.3	1007.8	1014.7	1016.3	1015.5	1016.3	1022.5	1024.0	1026.4	*1024.8*
40°	1077.4	1075.1	1079.0	1082.9	1082.9	1084.4	1086.0	1089.0	1092.1	1093.7	*1096.0*
42.5°	1133.9	1133.2	1137.0	1140.1	1140.9	1141.7	1141.7	1144.0	1151.7	1154.1	*1155.6*
45°	1183.5	1182.7	1187.4	1191.2	1193.5	1193.5	1191.2	1194.3	1201.3	1203.6	*1204.4*
47.5°	1226.1	1226.8	1233.0	1237.7	1239.2	1236.9	1235.3	1238.4	1243.9	1250.0	*1249.3*
50°	1261.7	1262.4	1269.4	1277.1	1277.9	1275.6	1271.7	1274.0	1281.8	1286.4	*1287.2*
52.5°	1291.8	1292.6	1301.1	1308.9	1309.6	1305.8	1301.1	1305.0	1312.0	1317.4	*1318.9*
55°	1315.8	1318.2	1326.7	1335.2	1337.5	1332.1	1325.9	1328.2	1336.0	1344.5	*1345.3*
57.5°	1333.6	1334.4	1345.3	1354.5	1357.6	1349.9	1345.3	1345.3	1354.5	1362.3	*1363.8*
60°	1346.0	1349.1	1361.5	1372.3	1373.9	1366.9	1358.4	1360.0	1370.0	1378.5	*1380.9*
62.5°	1356.9	1360.0	1371.6	1384.7	1386.3	1377.0	1368.5	1369.2	1380.9	1389.4	*1392.5*
65°	1362.3	1364.6	1378.5	1391.7	1393.2	1384.0	1373.9	1374.7	1385.5	1395.6	*1396.3*
67.5°	1363.8	1366.1	1380.9	1396.3	1397.1	1387.0	1375.4	1377.8	1388.6	1398.7	*1400.2*
70°	*1362.3*	*1365.4*	*1380.1*	*1396.3*	*1397.9*	*1385.5*	*1373.9*	*1375.4*	*1387.8*	*1397.9*	*1401.0*
72.5°	1356.9	1360.7	1375.4	1392.5	1393.2	1381.6	1370.0	1370.0	1384.0	1394.8	*1396.3*
75°	1349.9	1353.8	1370.0	1387.0	1387.8	1375.4	1363.1	1364.6	1377.8	1387.8	*1389.4*
77.5°	1342.2	1344.5	1360.7	1378.5	1380.1	1366.9	1354.5	1356.1	1368.5	1379.3	*1380.9*
80°	1329.8	1332.1	1349.1	1366.1	1367.7	1354.5	1341.4	1344.5	1356.9	1366.9	*1366.9*
82.5°	1315.1	1316.6	1333.6	1352.2	1353.0	1339.8	1328.2	1329.8	1342.2	1352.2	*1352.2*
85°	1298.0	1300.4	1317.4	1335.2	1335.2	1322.8	1310.4	1313.5	1325.1	1334.4	*1337.5*
87.5°	1279.5	1280.2	1297.3	1313.5	1314.3	1301.9	1291.1	1293.4	1305.0	1313.5	*1314.3*
90°	1257.8	1259.3	1275.6	1291.1	1291.8	1279.5	1269.4	1272.5	1281.8	1289.5	*1291.8*
92.5°	1233.8	1236.1	1251.6	1266.3	1265.5	1254.7	1246.2	1250.0	1257.8	1265.5	*1265.5*
95°	1209.0	1212.1	1224.5	1238.4	1236.9	1227.6	1220.6	1223.7	1231.5	1237.7	*1239.2*
97.5°	1182.7	1183.5	1196.6	1206.7	1206.7	1198.2	1192.8	1195.1	1202.8	1206.7	*1208.2*
100°	1154.1	1154.8	1164.9	1175.0	1175.0	1167.2	1163.4	1165.7	1171.9	1175.0	*1175.7*
102.5°	1125.4	1124.7	1133.2	1141.7	1141.7	1135.5	1132.4	1137.0	1140.1	1142.5	*1144.0*
105°	1092.9	1092.1	1099.9	1107.6	1106.1	1102.2	1099.1	1103.0	1106.9	1108.4	*1108.4*
107.5°	1057.3	1060.4	1065.1	1071.2	1070.5	1067.4	1067.4	1069.7	1072.0	1072.8	*1073.6*
110°	1027.1	1026.4	1031.0	1034.1	1034.9	1033.3	1034.9	1035.6	1036.4	1036.4	*1036.4*

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Scaled Data Report

REPORT NUMBER: P981272
CATALOG NUMBER: FFX-CLB-90-722-U-VM9-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	992.3	992.3	993.8	996.2	996.9	997.7	998.5	1001.6	1000.0	1000.8	*999.3*
115°	954.4	955.1	956.7	957.5	959.0	959.8	963.7	963.7	964.4	962.9	*960.6*
117.5°	916.4	918.0	917.2	916.4	919.5	921.9	924.2	925.7	925.7	922.6	*921.1*
120°	875.4	873.9	873.9	873.9	876.2	880.1	883.2	883.9	883.2	879.3	*878.5*
122.5°	830.5	832.1	829.8	830.5	831.3	836.7	839.0	840.6	838.3	833.6	*835.2*
125°	784.1	785.6	781.8	781.8	785.6	788.0	790.3	792.6	788.7	786.4	*784.9*
127.5°	734.5	734.5	733.8	731.5	736.1	738.4	743.1	743.1	740.0	736.9	*738.4*
130°	684.2	683.5	685.0	683.5	684.2	688.9	692.8	691.2	689.7	688.1	*688.1*
132.5°	632.4	633.9	632.4	631.6	635.5	637.0	640.9	642.4	639.3	635.5	*637.0*
135°	583.6	582.8	582.1	582.1	584.4	588.3	590.6	589.8	589.8	588.3	*586.7*
137.5°	533.3	535.6	534.1	534.1	535.6	539.5	543.4	542.6	541.8	538.7	*537.2*
140°	488.4	486.9	487.6	487.6	491.5	491.5	495.4	495.4	494.6	492.3	*493.8*
142.5°	443.5	442.7	445.8	444.3	445.8	449.7	451.3	450.5	448.9	449.7	*450.5*
145°	402.5	403.3	402.5	403.3	405.6	407.9	411.0	409.5	409.5	407.1	*406.4*
147.5°	363.8	363.8	363.0	366.1	366.9	370.0	370.8	371.5	370.0	368.4	*370.8*
150°	329.7	329.0	329.0	329.7	331.3	333.6	335.2	335.2	335.9	334.4	*333.6*
152.5°	298.0	296.5	297.2	298.8	299.5	301.9	301.9	303.4	302.6	301.9	*301.9*
155°	269.4	270.1	270.1	270.9	272.5	273.2	274.8	274.0	274.8	274.0	*274.0*
157.5°	246.1	247.7	247.7	248.5	247.7	248.5	249.2	250.0	250.0	250.0	*250.0*
160°	227.6	226.8	226.8	226.8	226.8	227.6	229.1	228.3	229.1	228.3	*227.6*
162.5°	210.5	210.5	210.5	210.5	211.3	211.3	211.3	212.1	211.3	211.3	*211.3*
165°	196.6	197.4	196.6	196.6	196.6	197.4	197.4	197.4	197.4	197.4	*197.4*
167.5°	185.8	186.5	186.5	186.5	186.5	186.5	187.3	186.5	186.5	186.5	*186.5*
170°	177.3	178.0	178.0	177.3	178.0	177.3	177.3	178.0	177.3	177.3	*177.3*
172.5°	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	170.3	*170.3*
175°	165.6	165.6	165.6	165.6	165.6	165.6	165.6	165.6	165.6	165.6	*165.6*
177.5°	162.5	162.5	163.3	162.5	162.5	162.5	162.5	162.5	162.5	162.5	*162.5*
180°	161.8	161.8	161.8	161.8	161.8	161.8	161.8	161.8	161.8	161.8	*161.8*

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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: SP1-2501-332-2

Test Date: 03/20/2025

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5

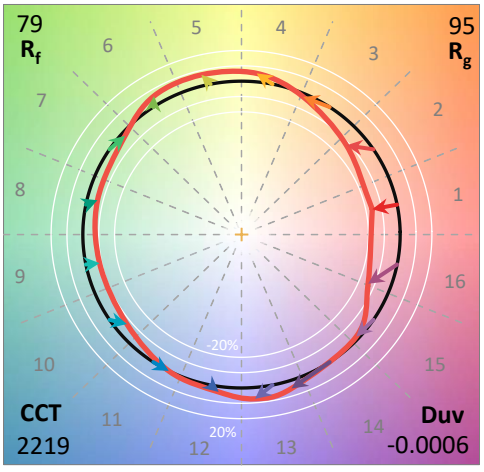
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Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-2
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-100-722-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2219	CRI (Ra):	73.3		
CIE u':	0.2889	R1:	71.2	R9:	-25.6
CIE v':	0.5348	R2:	89.1	R10:	78.7
Duv:	-0.0006	R3:	88.3	R11:	66.6
CIE x:	0.5023	R4:	68.0	R12:	77.1
CIE y:	0.4133	R5:	71.8	R13:	75.0
CIE z:	0.0844	R6:	89.6	R14:	93.9
Peak Wavelength (nm):	606	R7:	71.4	R15:	61.0
Dominant Wavelength (nm):	587	R8:	37.3		
Purity:	74.84521				
Rf:	78.8				
Rg:	94.5				



Test Conditions

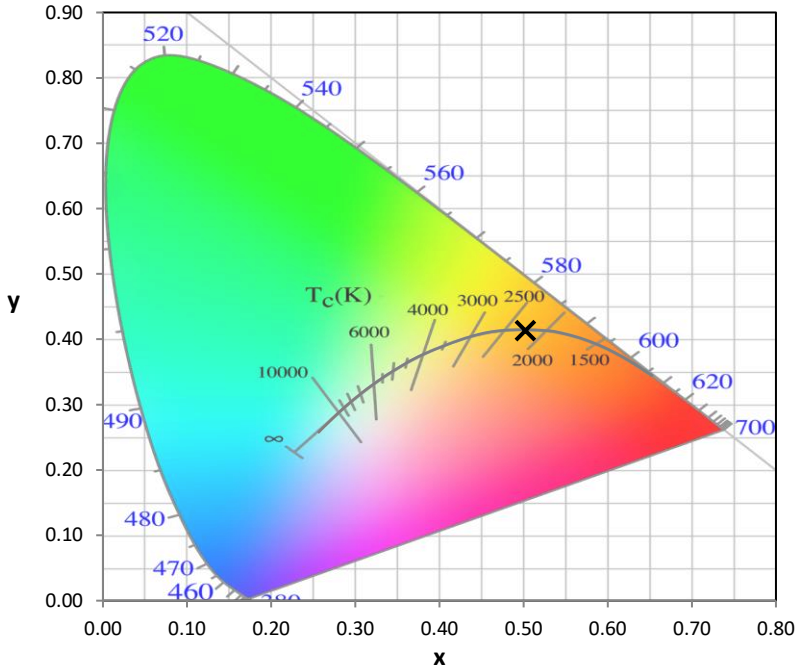
Stabilization Time:	61M
Operation Time:	2H 1M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP1-2501-332-2

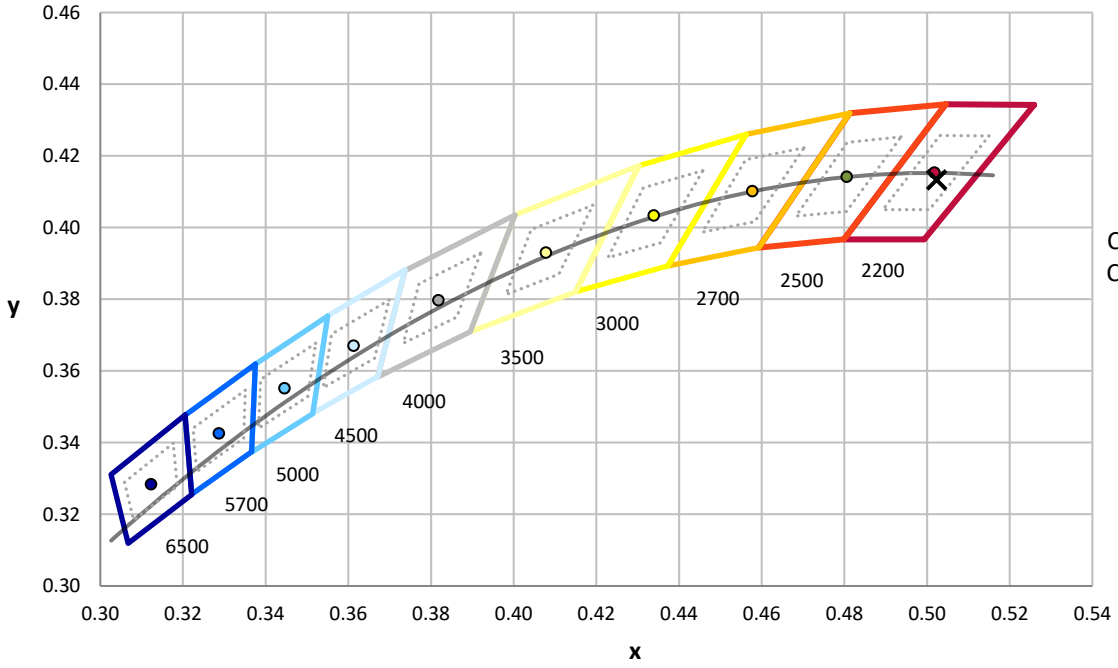
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-2

CIE 1931 Chromaticity Diagram



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

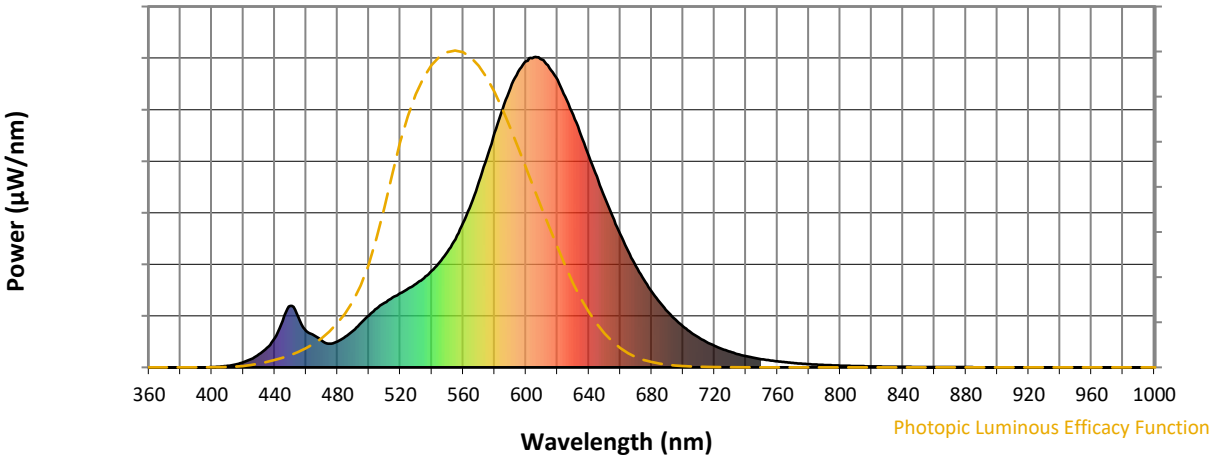


CCT = 2219K
CIE x = 0.5023
CIE y = 0.4133
Duv = -0.0006

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-2

Photopic Flux vs. Wavelength

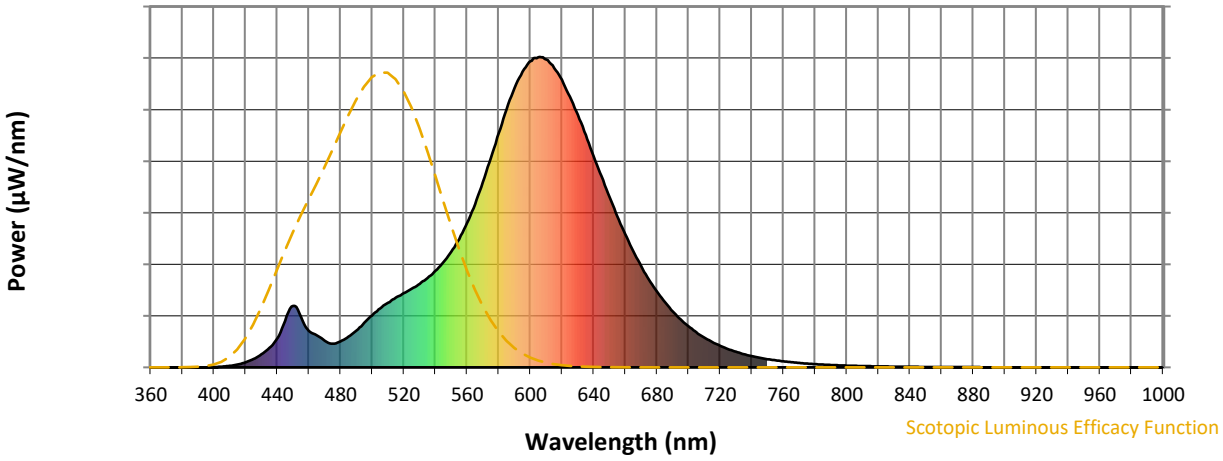


Photopic Lumens: NR

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

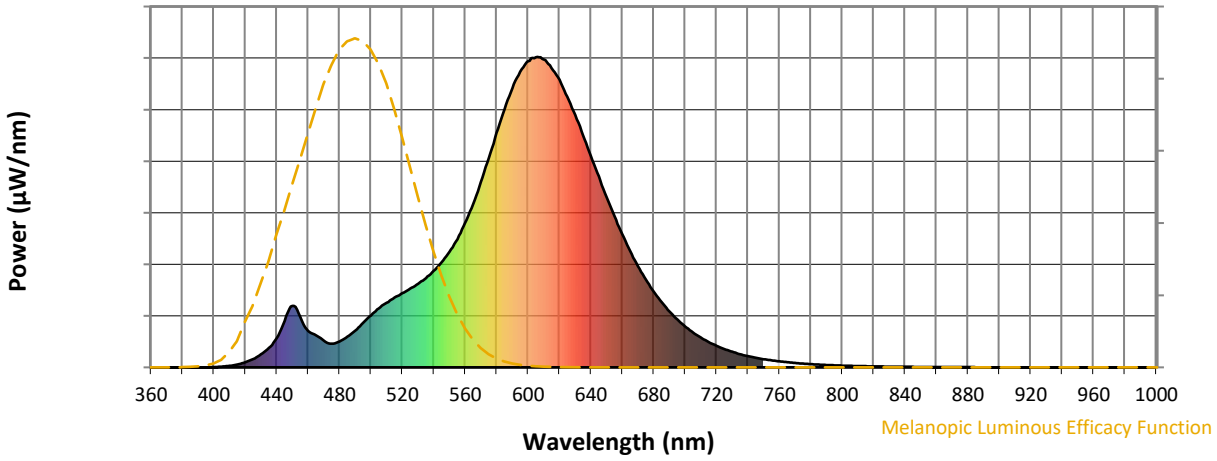


Scotopic Lumens: NR **S/P: 0.94**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.65**

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	118	NR	620	926	NR	750	26	NR	880	1	NR
365	0	NR	495	143	NR	625	872	NR	755	23	NR	885	1	NR
370	0	NR	500	167	NR	630	813	NR	760	19	NR	890	0	NR
375	0	NR	505	190	NR	635	748	NR	765	17	NR	895	0	NR
380	0	NR	510	208	NR	640	681	NR	770	14	NR	900	0	NR
385	0	NR	515	224	NR	645	616	NR	775	12	NR	905	0	NR
390	0	NR	520	239	NR	650	548	NR	780	10	NR	910	0	NR
395	0	NR	525	254	NR	655	486	NR	785	9	NR	915	0	NR
400	1	NR	530	269	NR	660	429	NR	790	8	NR	920	0	NR
405	2	NR	535	288	NR	665	375	NR	795	7	NR	925	0	NR
410	5	NR	540	311	NR	670	326	NR	800	6	NR	930	0	NR
415	10	NR	545	339	NR	675	282	NR	805	5	NR	935	0	NR
420	16	NR	550	372	NR	680	245	NR	810	4	NR	940	0	NR
425	27	NR	555	413	NR	685	210	NR	815	4	NR	945	0	NR
430	42	NR	560	466	NR	690	180	NR	820	3	NR	950	0	NR
435	63	NR	565	526	NR	695	154	NR	825	3	NR	955	0	NR
440	94	NR	570	597	NR	700	132	NR	830	2	NR	960	0	NR
445	150	NR	575	674	NR	705	113	NR	835	2	NR	965	0	NR
450	198	NR	580	756	NR	710	96	NR	840	2	NR	970	0	NR
455	162	NR	585	831	NR	715	82	NR	845	2	NR	975	0	NR
460	117	NR	590	900	NR	720	69	NR	850	1	NR	980	0	NR
465	103	NR	595	952	NR	725	59	NR	855	1	NR	985	0	NR
470	85	NR	600	987	NR	730	50	NR	860	1	NR	990	0	NR
475	76	NR	605	999	NR	735	43	NR	865	1	NR	995	0	NR
480	84	NR	610	991	NR	740	36	NR	870	1	NR	1000	0	NR
485	98	NR	615	964	NR	745	31	NR	875	1	NR			

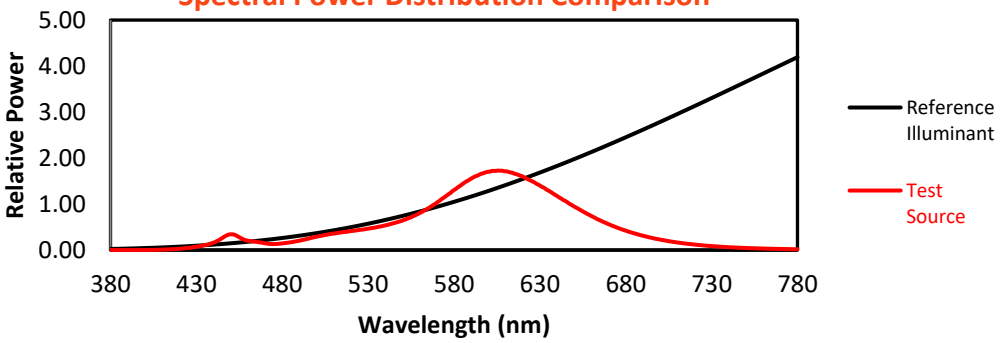
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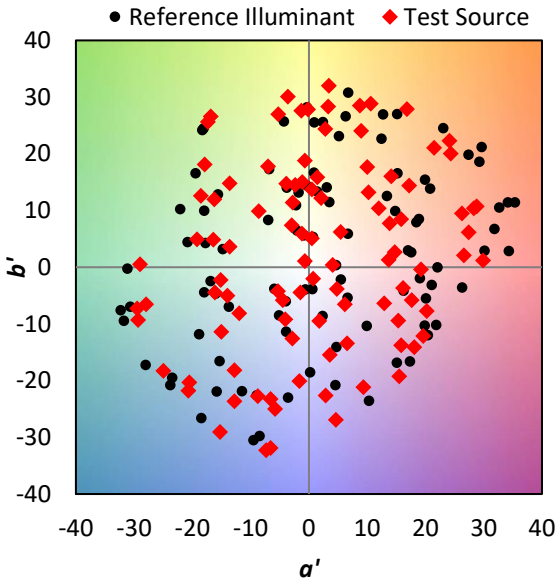
Summary

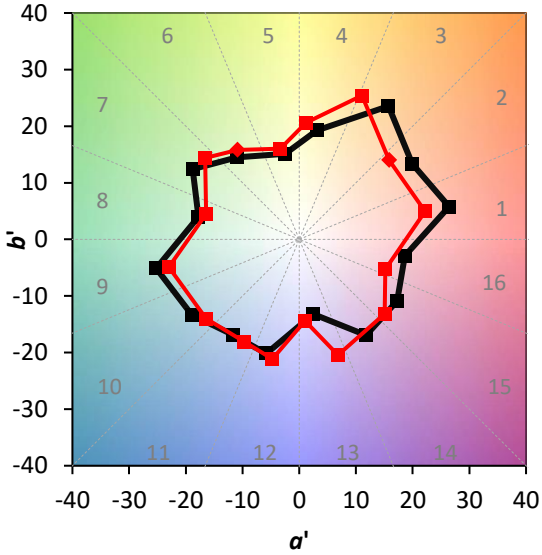
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R_g = 94.5
CIE R_a = 73.3
R_9 = -25.6

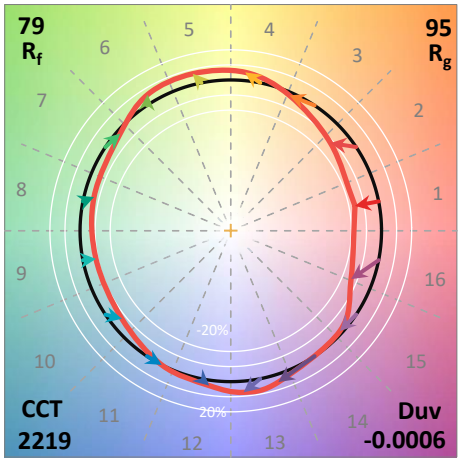
Spectral Power Distribution Comparison

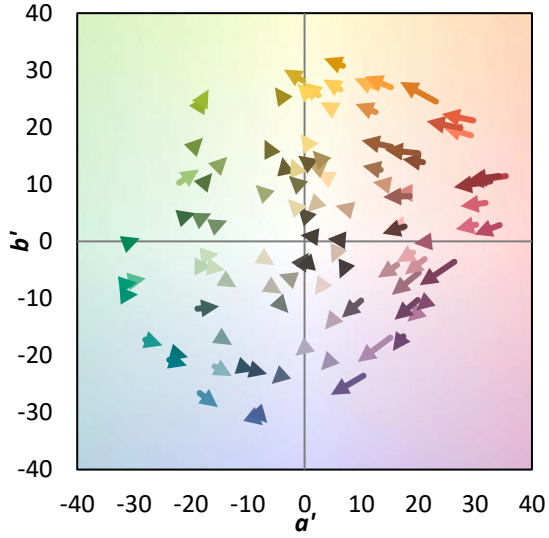


Color Vector Graphics







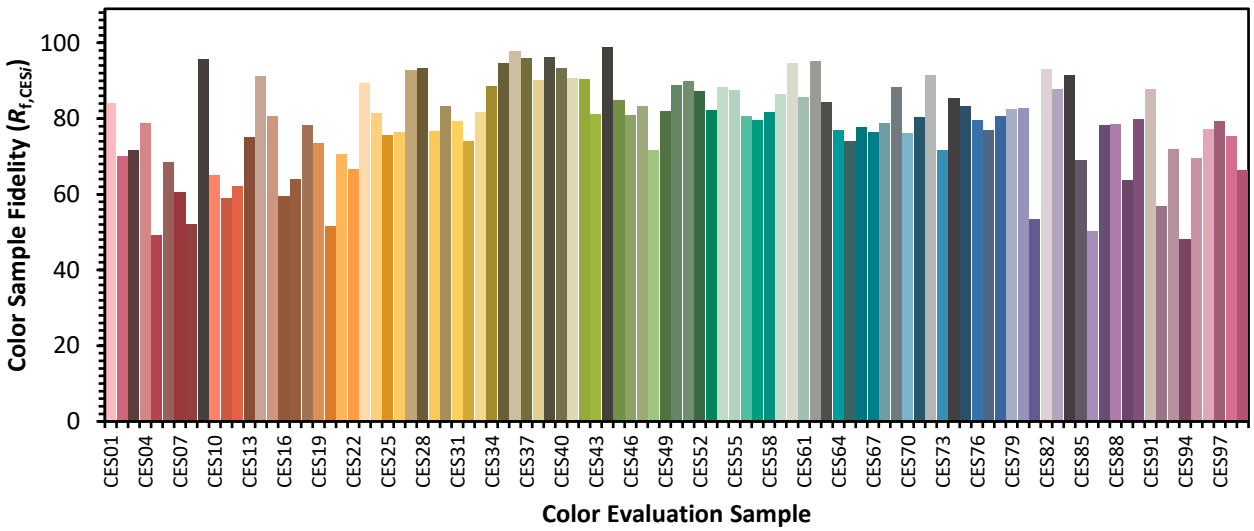


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Individual Sample Fidelity Index ($R_{f,i}$)

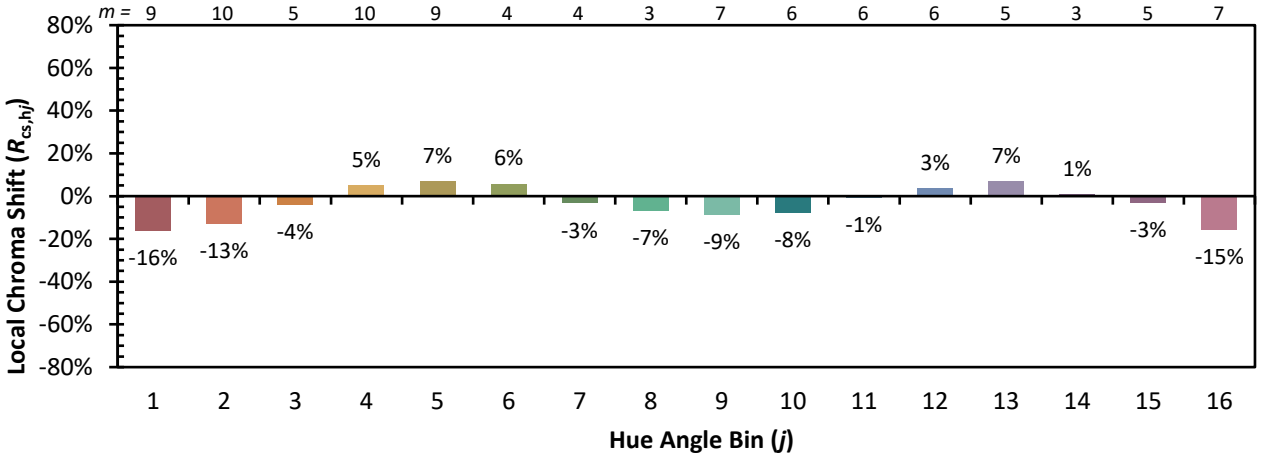
CES01 = 87	CES26 = 76	CES51 = 90	CES76 = 80
CES02 = 65	CES27 = 93	CES52 = 87	CES77 = 77
CES03 = 32	CES28 = 93	CES53 = 82	CES78 = 81
CES04 = 72	CES29 = 77	CES54 = 88	CES79 = 83
CES05 = 52	CES30 = 83	CES55 = 88	CES80 = 83
CES06 = 52	CES31 = 79	CES56 = 81	CES81 = 53
CES07 = 44	CES32 = 74	CES57 = 80	CES82 = 93
CES08 = 42	CES33 = 82	CES58 = 82	CES83 = 88
CES09 = 29	CES34 = 89	CES59 = 87	CES84 = 91
CES10 = 79	CES35 = 95	CES60 = 95	CES85 = 69
CES11 = 62	CES36 = 98	CES61 = 86	CES86 = 50
CES12 = 68	CES37 = 96	CES62 = 95	CES87 = 78
CES13 = 45	CES38 = 90	CES63 = 84	CES88 = 79
CES14 = 75	CES39 = 96	CES64 = 77	CES89 = 64
CES15 = 72	CES40 = 93	CES65 = 74	CES90 = 80
CES16 = 49	CES41 = 91	CES66 = 78	CES91 = 88
CES17 = 51	CES42 = 90	CES67 = 77	CES92 = 57
CES18 = 57	CES43 = 81	CES68 = 79	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 88	CES94 = 48
CES20 = 68	CES45 = 85	CES70 = 76	CES95 = 70
CES21 = 88	CES46 = 81	CES71 = 80	CES96 = 77
CES22 = 81	CES47 = 83	CES72 = 91	CES97 = 79
CES23 = 92	CES48 = 72	CES73 = 72	CES98 = 75
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 66
CES25 = 73	CES50 = 89	CES75 = 83	

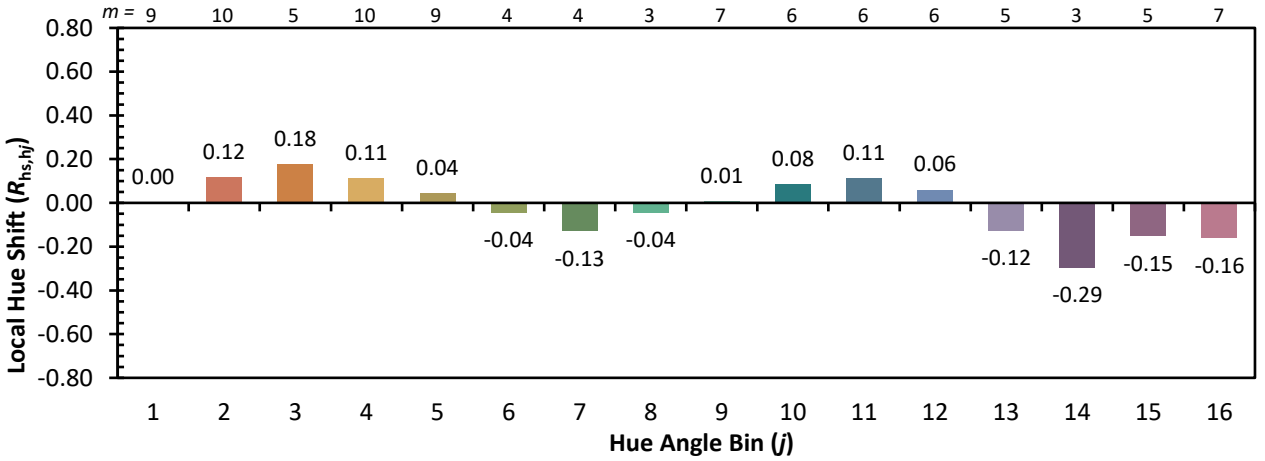


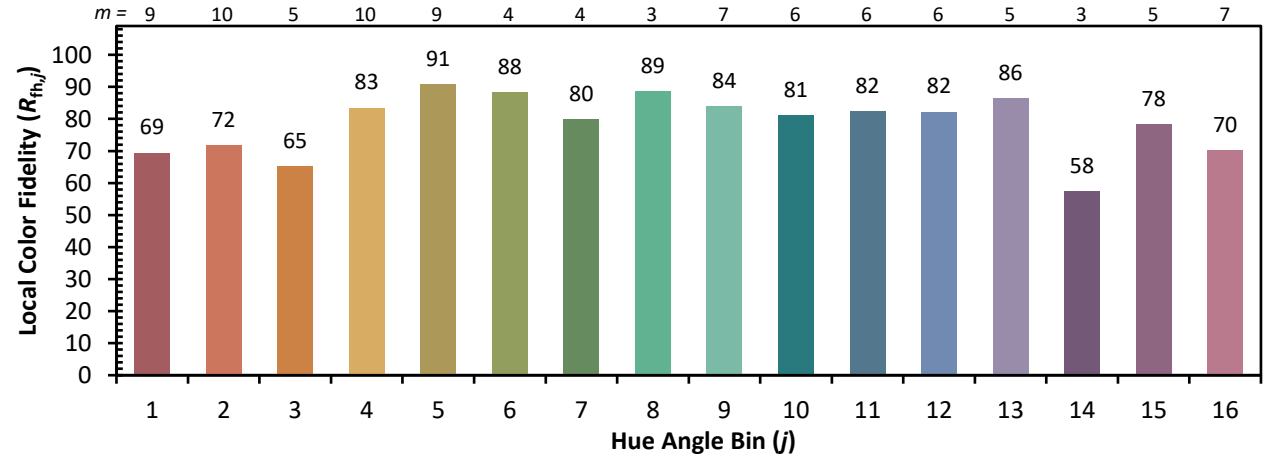
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Color Rendition by Hue-Angle Bin



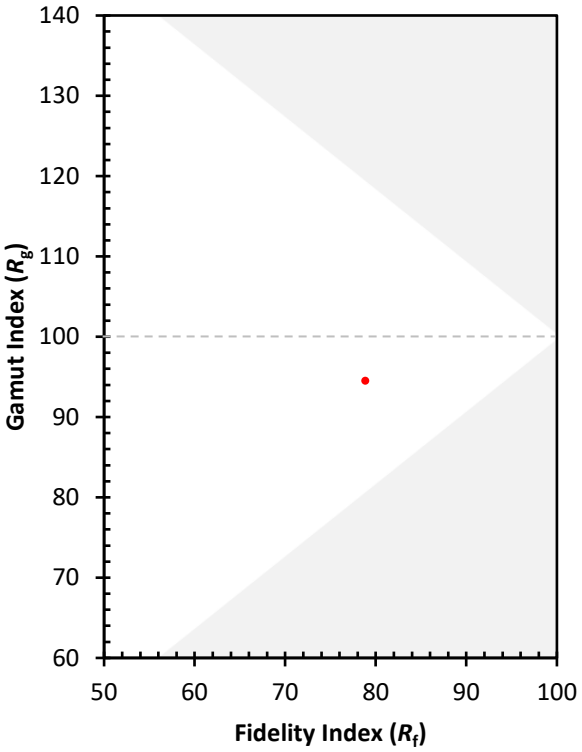


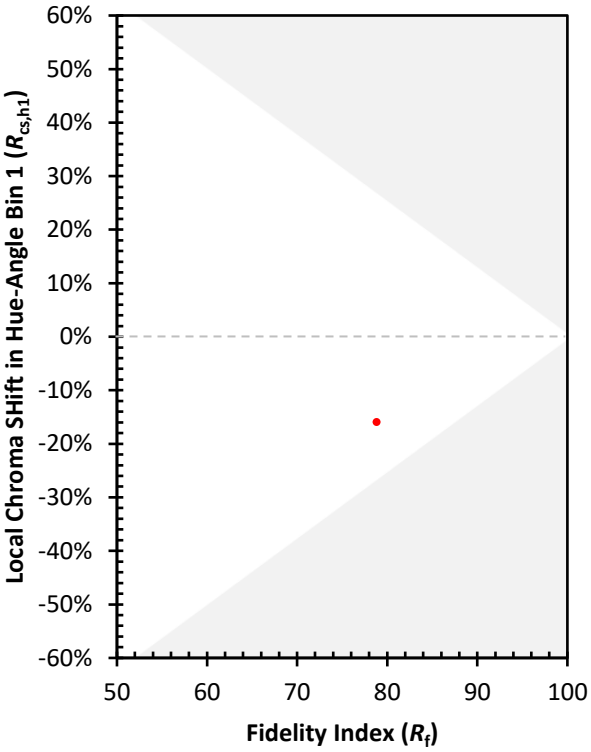


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Measure Comparisons





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