

Signify Classified - Internal
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: P856257

Luminaire Tested: **FFX-CLB-70-730-U-PG**

Issue Date: 07/16/2024



Test Information

Test Method: LM-79-08
Report Number: P856257
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/16/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: FFX-CLB-70-730-U-PG
Description: FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

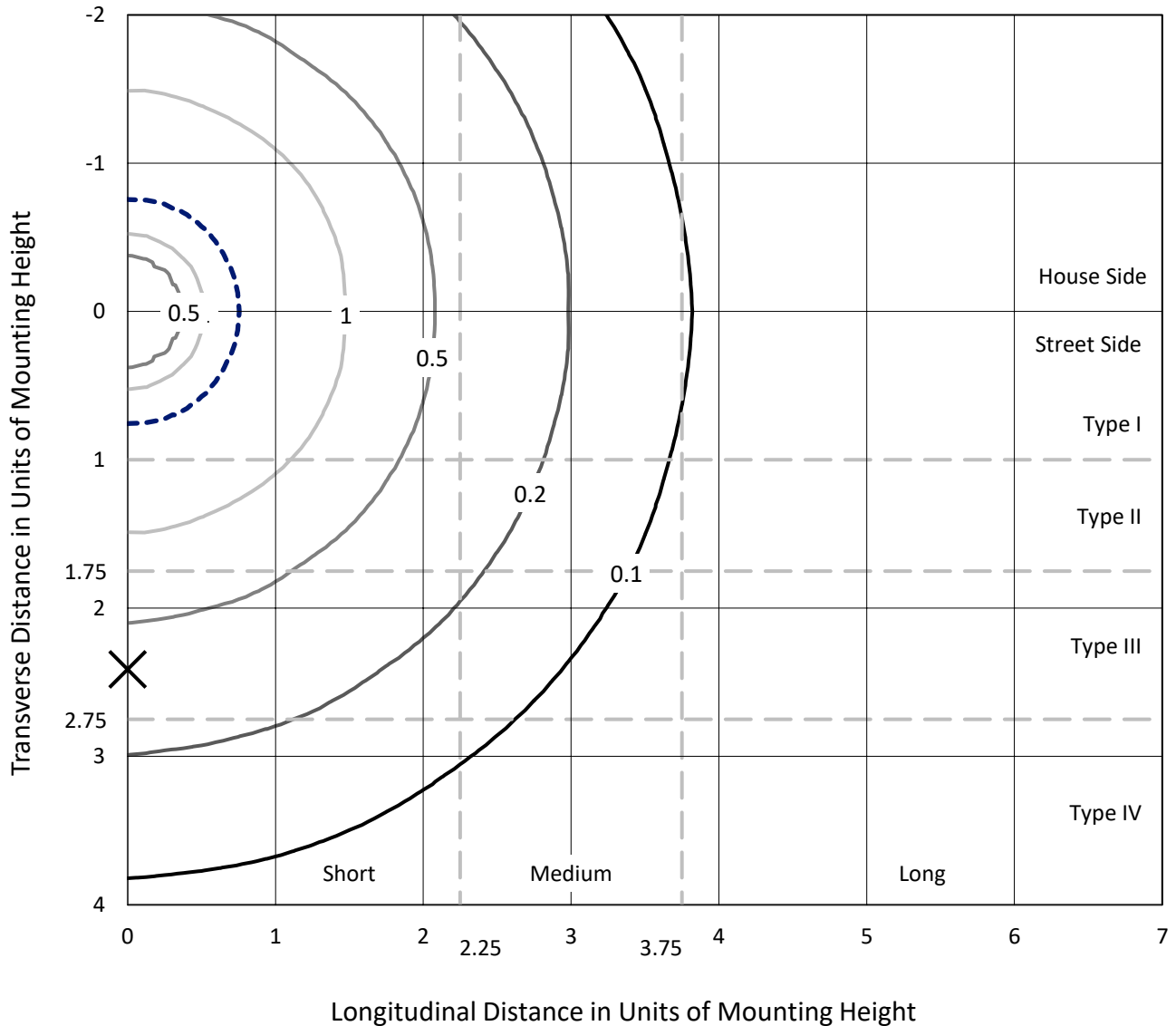
Lumens per Lamp: N/A
Luminaire Lumens: 11266 lumens
Efficiency: N/A
Efficacy: 160.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification: Type V - Short
BUG Rating: B3 - U5 - G4

Input Watts (W): 70.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 7.1%%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

REPORT NUMBER: P856257
 CATALOG NUMBER: FFX-CLB-70-730-U-PG

Iso-Footcandle Lines of Horizontal Illumination

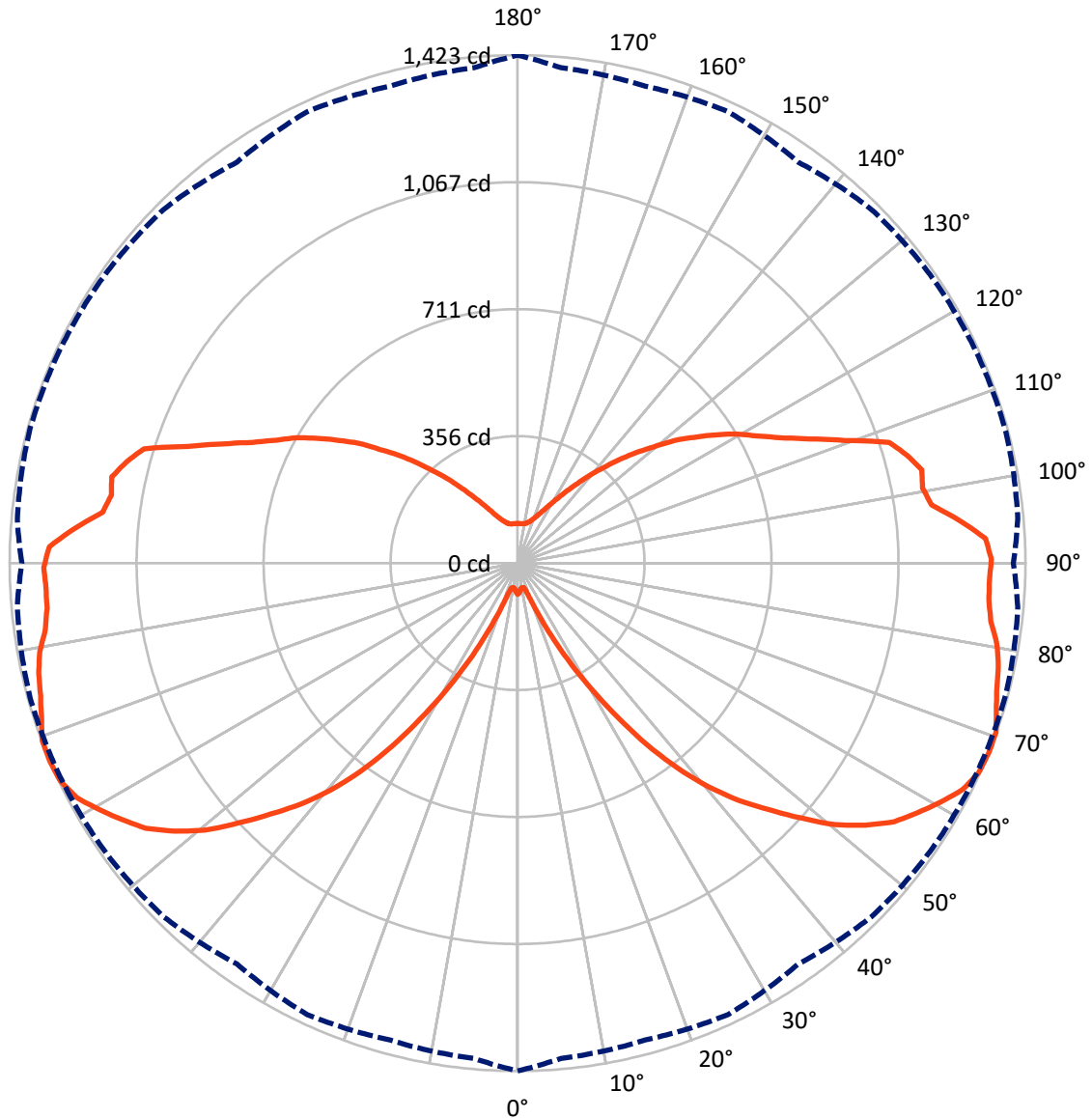
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
 Type V - Short - N/A

REPORT NUMBER: P856257
CATALOG NUMBER: FFX-CLB-70-730-U-PG

Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P856257
 CATALOG NUMBER: FFX-CLB-70-730-U-PG

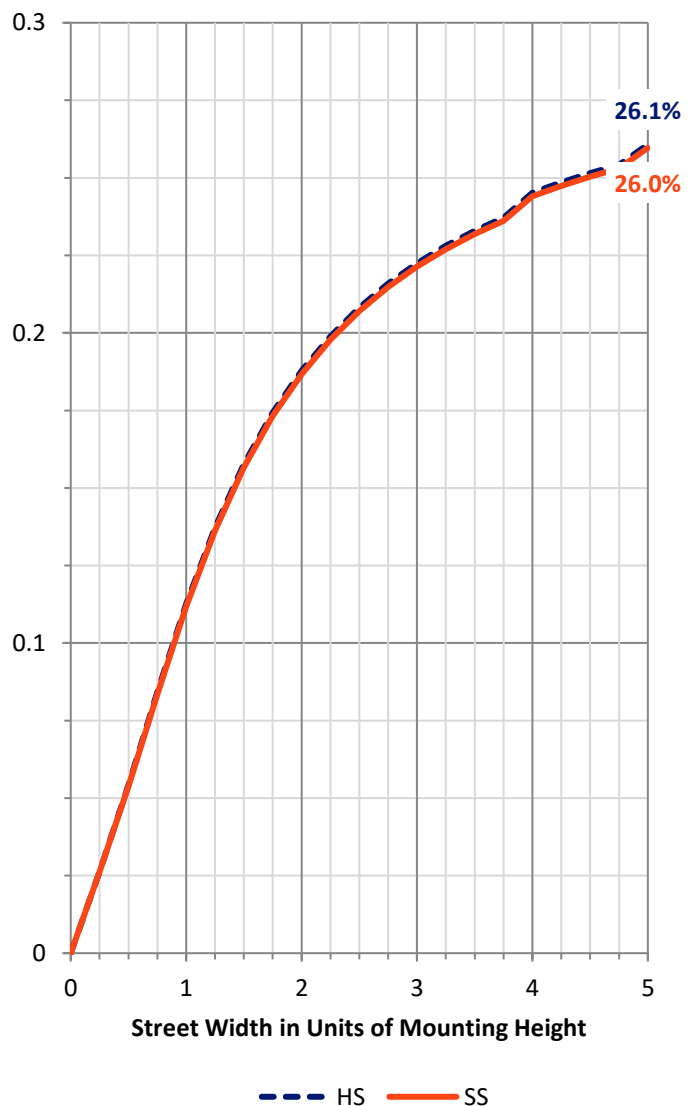
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3360.9	2272.1	5633.0
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	3360.9	2272.1	5633.0
	% Fixture	29.8	20.2	50.0
Total	Lumens	6721.8	4544.2	11266.0
	% Fixture	59.7	40.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.3	0.1
10°-20°	24.1	0.2
20°-30°	120.3	1.1
30°-40°	395.3	3.5
40°-50°	764.6	6.8
50°-60°	1131.4	10.0
60°-70°	1375.5	12.2
70°-80°	1452.2	12.9
80°-90°	1451.0	12.9
90°-100°	1357.4	12.0
100°-110°	1207.6	10.7
110°-120°	826.0	7.3
120°-130°	554.7	4.9
130°-140°	322.1	2.9
140°-150°	158.6	1.4
150°-160°	73.3	0.7
160°-170°	33.8	0.3
170°-180°	10.6	0.1
0°-90°	6721.8	59.7
0°-180°	11266.0	100.0



REPORT NUMBER: P856257

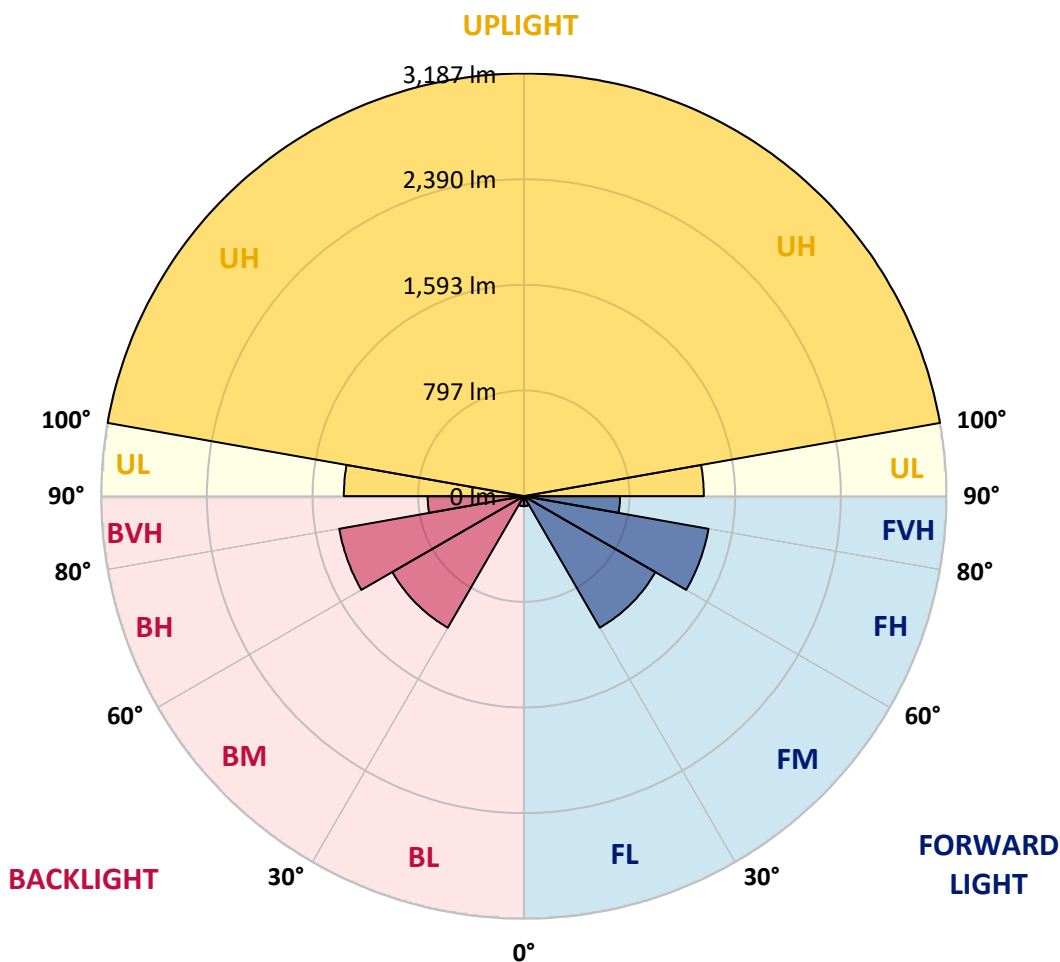
CATALOG NUMBER: FFX-CLB-70-730-U-PG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	75.8	0.7			
FM (30°-60°)	1145.7	10.2			
FH (60°-80°)	1413.9	12.5			G1/1800
FVH (80°-90°)	725.5	6.4			G4/750
BL (0°-30°)	75.8	0.7	B0/110		
BM (30°-60°)	1145.7	10.2	B2/2500		
BH (60°-80°)	1413.9	12.5	B3/2500		G1/1800
BVH (80°-90°)	725.5	6.4			G4/750
UL (90°-100°)	1357.4	12.0		U5	
UH (100°-180°)	3186.8	28.3		U5	

BUG Rating: B3-U5-G4

Type V Short





REPORT NUMBER: P856257

CATALOG NUMBER: FFX-CLB-70-730-U-PG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
2.5°	83.9	83.1	82.4	81.7	82.4	83.1	84.6	85.3	85.3	85.3	85.3
5°	76.0	76.8	77.5	78.2	78.2	78.2	78.2	78.9	79.6	79.6	79.6
7.5°	71.8	71.8	72.5	74.6	75.3	74.6	74.6	75.3	73.2	71.1	70.4
10°	69.6	69.6	70.4	71.1	71.8	73.2	73.9	73.9	73.9	73.9	73.2
12.5°	70.4	69.6	70.4	71.1	72.5	73.2	71.8	71.8	73.2	74.6	75.3
15°	73.9	73.2	73.2	74.6	75.3	75.3	73.9	73.9	74.6	76.0	76.0
17.5°	89.5	88.1	87.4	88.1	87.4	88.1	87.4	88.8	88.8	88.1	87.4
20°	122.2	120.8	118.7	118.0	118.7	120.8	121.5	123.7	121.5	120.8	118.0
22.5°	173.4	171.3	169.8	169.8	172.0	173.4	172.7	175.5	174.1	173.4	170.6
25°	238.8	237.4	238.1	241.6	245.2	243.0	237.4	241.6	241.6	240.9	240.2
27.5°	320.5	315.5	317.7	326.9	329.7	324.1	317.7	322.6	324.8	325.5	325.5
30°	413.6	410.0	409.3	419.3	422.8	417.9	413.6	419.3	419.3	421.4	421.4
32.5°	514.5	512.4	508.8	514.5	520.2	518.8	518.8	523.0	521.6	523.7	524.5
35°	625.4	621.1	614.0	614.7	621.1	621.8	626.8	629.6	628.2	627.5	627.5
37.5°	729.8	724.2	717.8	714.2	722.0	721.3	732.7	732.7	729.8	730.5	730.5
40°	824.4	820.8	815.8	805.9	820.8	818.0	831.5	831.5	823.6	825.8	824.4
42.5°	908.9	908.9	903.2	888.3	903.9	901.1	918.9	918.9	908.2	907.5	905.4
45°	985.0	988.5	985.7	972.2	977.9	980.0	997.0	993.5	985.0	985.0	981.4
47.5°	1066.7	1070.2	1060.3	1046.1	1052.5	1056.0	1071.7	1070.2	1065.3	1058.9	1058.9
50°	1152.0	1152.7	1132.8	1115.7	1121.4	1139.9	1151.3	1154.1	1143.4	1128.5	1127.8
52.5°	1219.5	1223.7	1204.6	1186.1	1190.3	1211.7	1224.5	1225.2	1211.7	1190.3	1196.7
55°	1279.2	1283.4	1264.2	1247.9	1256.4	1267.8	1282.7	1274.2	1274.9	1252.2	1262.8
57.5°	1319.7	1333.9	1301.9	1298.4	1306.2	1319.7	1326.1	1323.9	1328.2	1306.9	1310.4
60°	1360.2	1366.6	1339.6	1344.6	1335.3	1359.5	1364.4	1369.4	1358.1	1343.1	1343.1
62.5°	1398.6	1382.9	1363.7	1375.8	1350.9	1381.5	1387.2	1392.9	1380.8	1366.6	1369.4
65°	1418.5	1390.0	1373.7	1388.6	1364.4	1392.2	1401.4	1403.5	1401.4	1387.9	1381.5
67.5°	1422.7	1392.9	1382.9	1395.0	1370.8	1401.4	1409.9	1414.2	1416.3	1406.4	1388.6
70°	1421.3	1389.3	1380.8	1392.2	1376.5	1405.0	1405.7	1412.1	1414.9	1419.2	1399.3
72.5°	1402.1	1374.4	1372.3	1382.2	1368.0	1386.5	1387.2	1395.0	1390.7	1404.2	1394.3
75°	1386.5	1368.0	1371.6	1369.4	1355.2	1365.9	1368.7	1378.0	1362.3	1375.1	1383.6
77.5°	1376.5	1366.6	1375.1	1363.7	1348.8	1355.9	1360.2	1370.8	1347.4	1358.1	1382.9
80°	1360.9	1358.1	1368.7	1351.7	1338.9	1345.3	1352.4	1361.6	1336.0	1343.1	1378.7
82.5°	1335.3	1337.4	1347.4	1327.5	1319.0	1326.1	1334.6	1348.8	1322.5	1326.8	1364.4
85°	1323.9	1333.2	1338.2	1318.3	1308.3	1312.6	1321.8	1336.7	1309.0	1315.4	1353.8
87.5°	1322.5	1333.9	1337.4	1320.4	1311.9	1318.3	1322.5	1343.8	1314.0	1321.8	1360.9
90°	1326.8	1331.0	1333.2	1318.3	1311.1	1321.1	1321.8	1348.1	1318.3	1320.4	1355.2
92.5°	1312.6	1313.3	1317.5	1304.0	1303.3	1310.4	1309.0	1331.0	1298.4	1293.4	1323.2
95°	1243.6	1238.0	1247.2	1240.1	1255.0	1265.7	1277.7	1305.5	1289.1	1293.4	1319.0
97.5°	1170.4	1171.9	1174.7	1163.3	1161.2	1165.5	1170.4	1184.7	1179.7	1183.9	1208.1
100°	1153.4	1158.4	1157.6	1152.0	1128.5	1123.5	1112.9	1098.0	1078.1	1080.9	1084.5
102.5°	1161.9	1175.4	1177.5	1185.4	1185.4	1181.8	1189.6	1183.2	1186.8	1207.4	1196.0
105°	1131.4	1147.0	1156.9	1165.5	1181.8	1195.3	1231.6	1253.6	1271.4	1296.2	1292.7
107.5°	1094.4	1102.2	1109.3	1109.3	1105.1	1102.9	1122.8	1126.4	1121.4	1127.8	1128.5
110°	979.3	978.6	985.7	982.8	985.0	973.6	979.3	998.5	994.2	1007.0	1009.1



REPORT NUMBER: P856257
 CATALOG NUMBER: FFX-CLB-70-730-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	889.7	889.7	894.7	887.6	888.3	879.1	882.6	895.4	896.1	906.8	912.5
115°	814.4	813.0	820.1	814.4	808.0	805.9	809.4	817.2	819.4	826.5	837.9
117.5°	758.3	751.2	756.8	757.6	760.4	754.7	763.2	768.2	771.1	776.7	786.0
120°	712.1	705.0	707.1	714.2	722.7	710.7	719.9	724.2	726.3	728.4	732.7
122.5°	659.5	654.5	652.4	666.6	671.6	660.9	665.9	672.3	675.8	679.4	682.9
125°	606.2	601.9	599.8	612.6	617.6	609.0	616.1	625.4	624.0	631.8	624.7
127.5°	557.9	556.4	553.6	560.0	563.5	562.8	569.2	580.6	575.6	582.7	574.9
130°	500.3	506.0	501.7	509.5	510.2	515.9	518.1	528.7	523.7	525.2	520.2
132.5°	453.4	455.5	453.4	456.2	458.4	458.4	464.1	475.4	467.6	466.9	462.6
135°	405.8	406.5	403.6	407.9	409.3	405.8	411.5	420.0	415.7	413.6	413.6
137.5°	358.9	358.2	358.9	360.3	361.7	361.0	363.9	370.2	368.8	366.0	369.5
140°	319.1	317.0	317.7	318.4	317.7	317.7	320.5	326.2	326.2	322.6	326.2
142.5°	279.3	278.6	278.6	278.6	278.6	280.0	282.8	284.3	285.7	282.8	282.1
145°	245.9	245.2	244.5	244.5	244.5	245.2	248.0	247.3	250.1	247.3	245.2
147.5°	216.0	216.7	215.3	214.6	213.9	216.0	216.7	218.2	219.6	218.2	216.0
150°	191.9	191.2	191.2	189.7	189.7	191.9	191.2	192.6	194.0	193.3	192.6
152.5°	170.6	170.6	170.6	169.1	169.8	171.3	171.3	171.3	172.7	172.7	172.0
155°	153.5	153.5	153.5	152.8	152.8	154.2	154.2	154.2	154.9	154.9	154.9
157.5°	140.7	140.7	140.0	140.0	140.0	140.7	140.0	140.0	140.7	140.7	140.7
160°	130.8	130.8	130.0	130.0	129.3	130.0	129.3	129.3	130.0	130.0	130.0
162.5°	122.9	122.9	122.2	122.2	122.2	122.2	122.2	121.5	121.5	122.2	121.5
165°	117.3	117.3	117.3	117.3	117.3	117.3	117.3	116.5	116.5	116.5	116.5
167.5°	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7
170°	111.6	111.6	111.6	112.3	112.3	112.3	111.6	111.6	112.3	112.3	111.6
172.5°	110.9	110.9	110.9	110.9	110.9	110.9	110.9	110.9	110.9	110.9	110.9
175°	110.9	110.9	110.9	110.9	110.9	110.9	110.2	110.9	110.9	110.9	110.9
177.5°	110.9	110.2	110.2	110.9	110.9	110.2	110.2	110.2	110.2	110.2	110.2
180°	110.9	110.9	110.9	110.9	110.9	110.9	110.9	110.9	110.9	110.9	110.9

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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-4

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5.

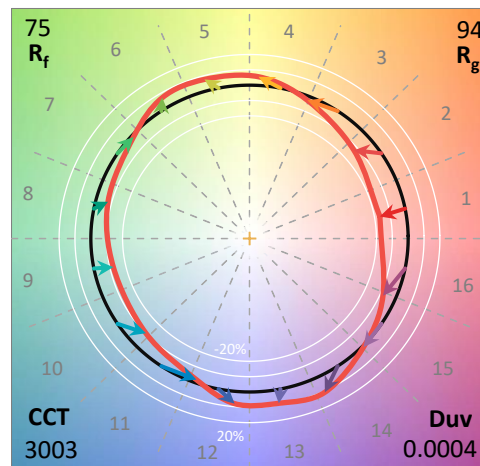
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2406-133-4
 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-100-730-U-FR-T5**
 Description: FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K): 3003
 CIE u': 0.2503
 CIE v': 0.5219
 Duv: 0.0004
 CIE x: 0.4373
 CIE y: 0.4053
 CIE z: 0.1573
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 52.93545
 Rf: 75.2
 Rg: 93.8

CRI (Ra):	71.9		
R1:	68.2	R9:	-33.7
R2:	82.2	R10:	59.0
R3:	93.9	R11:	62.4
R4:	67.6	R12:	48.5
R5:	67.2	R13:	70.8
R6:	75.3	R14:	96.6
R7:	77.6	R15:	60.0
R8:	43.1		



Test Conditions

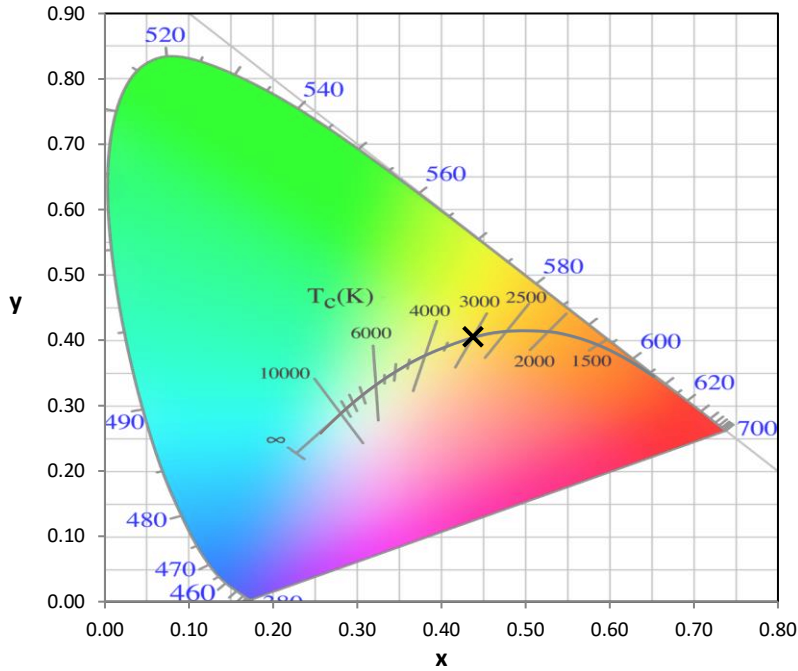
Stabilization Time: 0.794393M
 Operation Time: 1H
 Sphere Temperature (°C): 24.7

REPORT NUMBER: SP1-2406-133-4

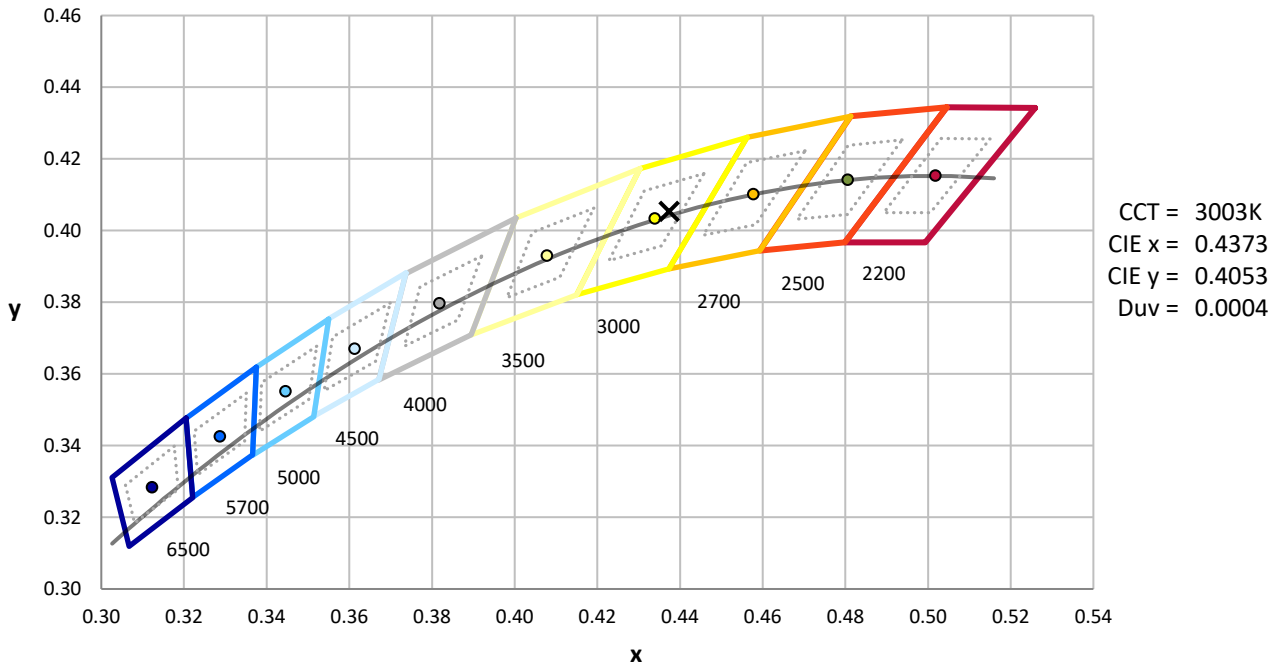
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2406-133-4

CIE 1931 Chromaticity Diagram



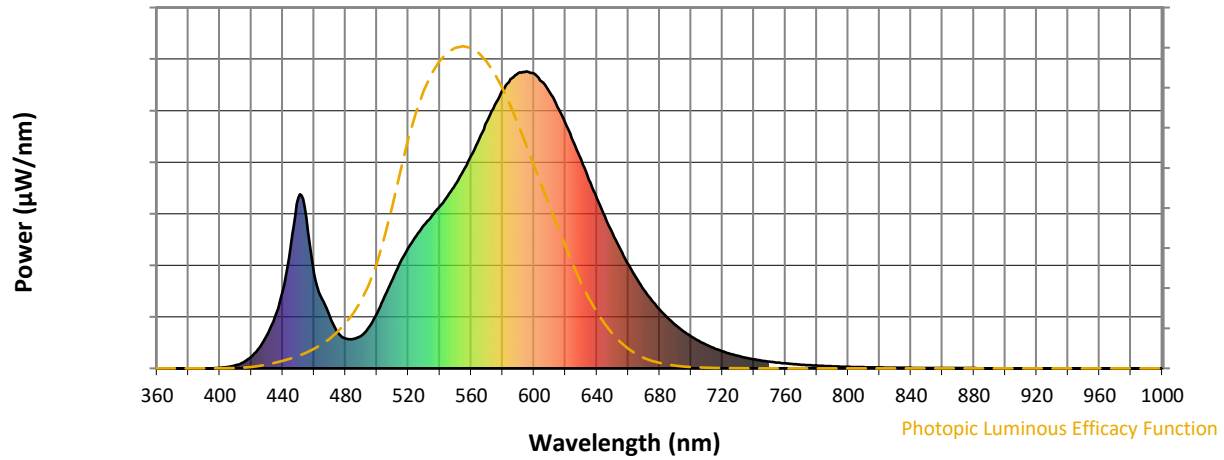
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-4

Photopic Flux vs. Wavelength

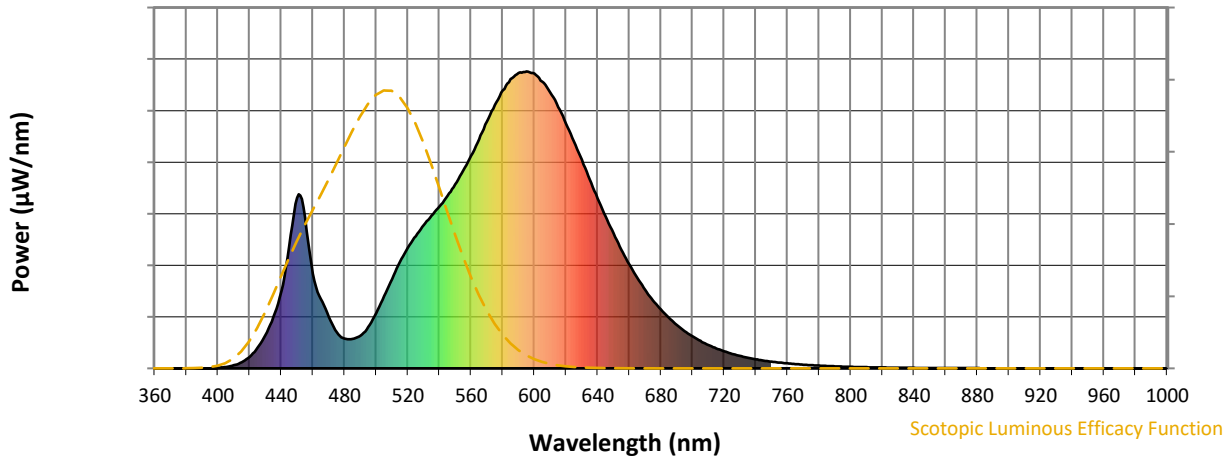


Photopic Lumens: NR

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-4

Scotopic Flux vs. Wavelength



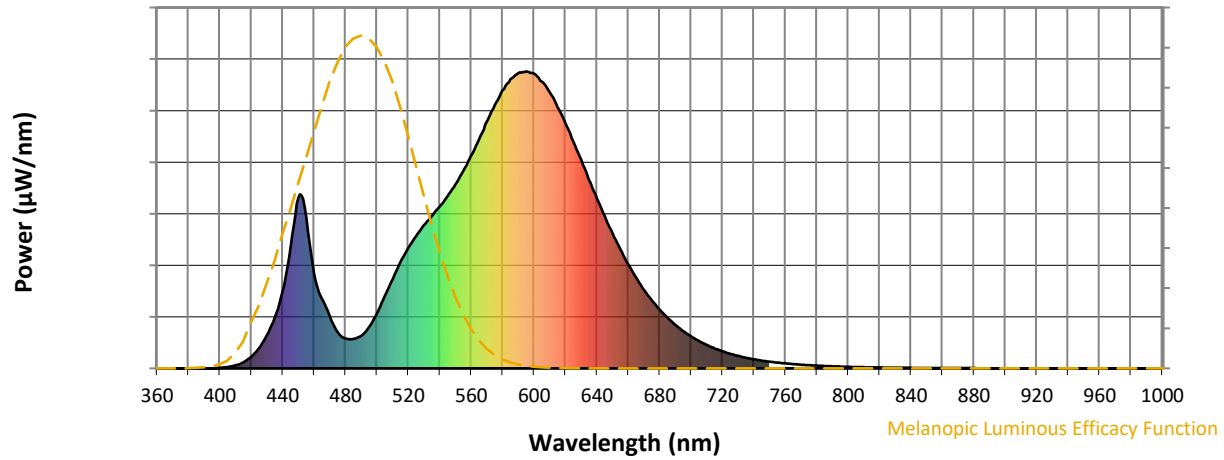
Scotopic Lumens: NR

S/P: 1.21

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.22

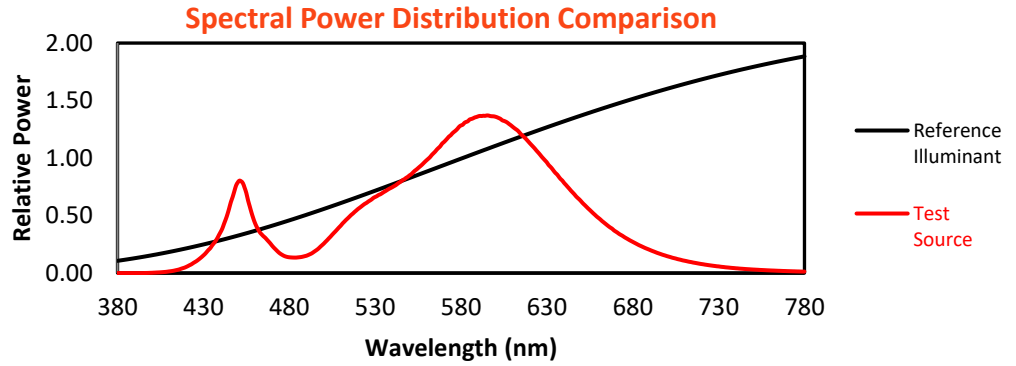
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2406-133-4

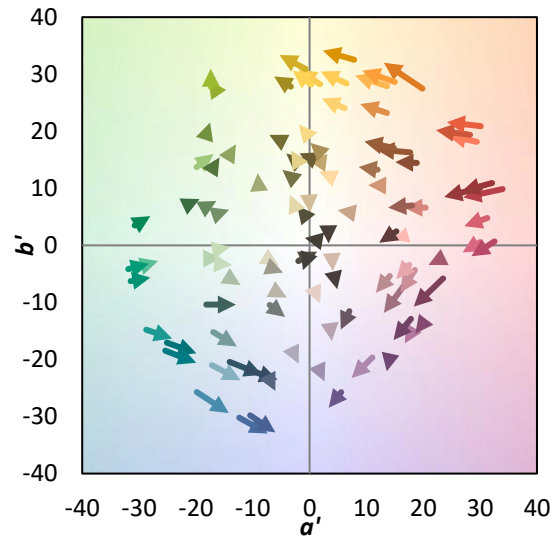
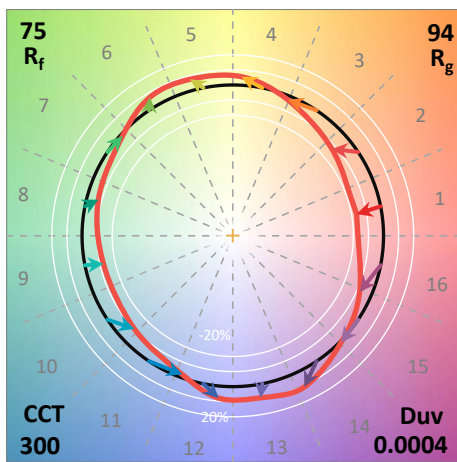
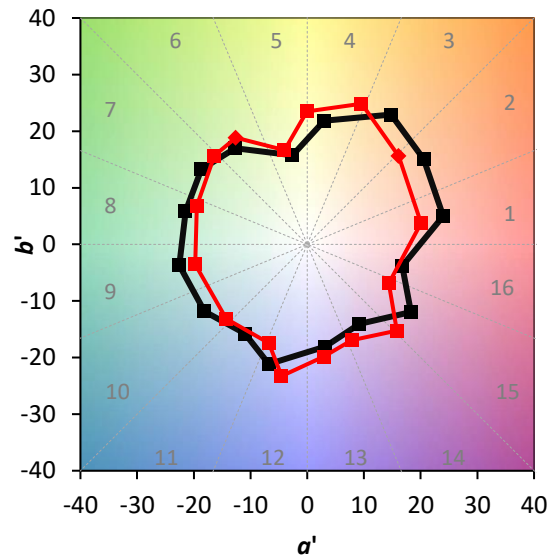
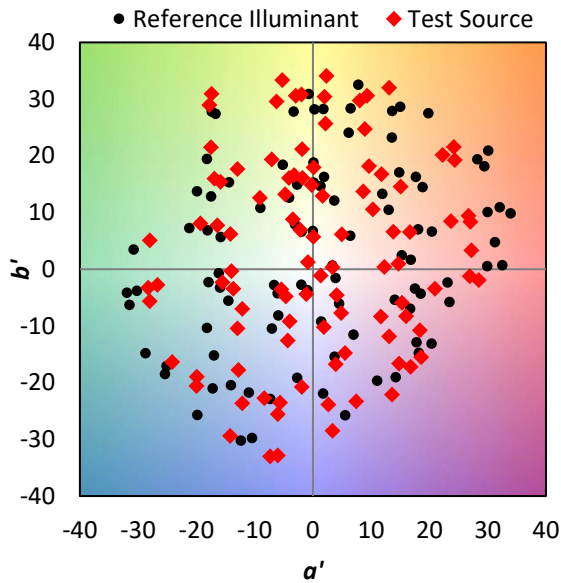
TM-30-18

Summary

$R_f = 75.2$
 $R_g = 93.8$
 CIE $R_a = 71.9$
 $R_9 = -33.7$



Color Vector Graphics

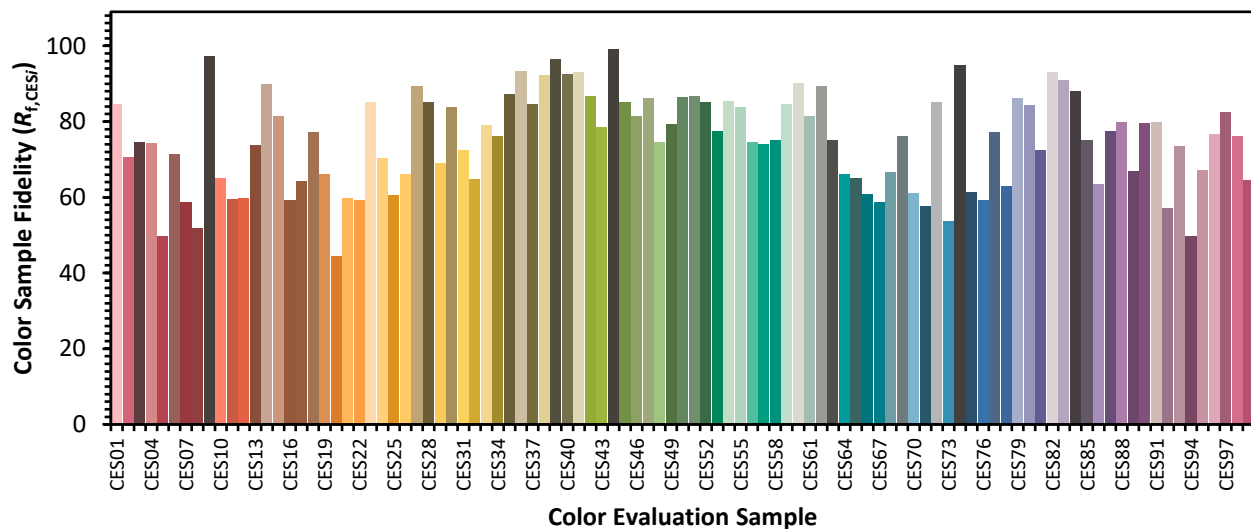


REPORT NUMBER: SP1-2406-133-4

TM-30-18

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

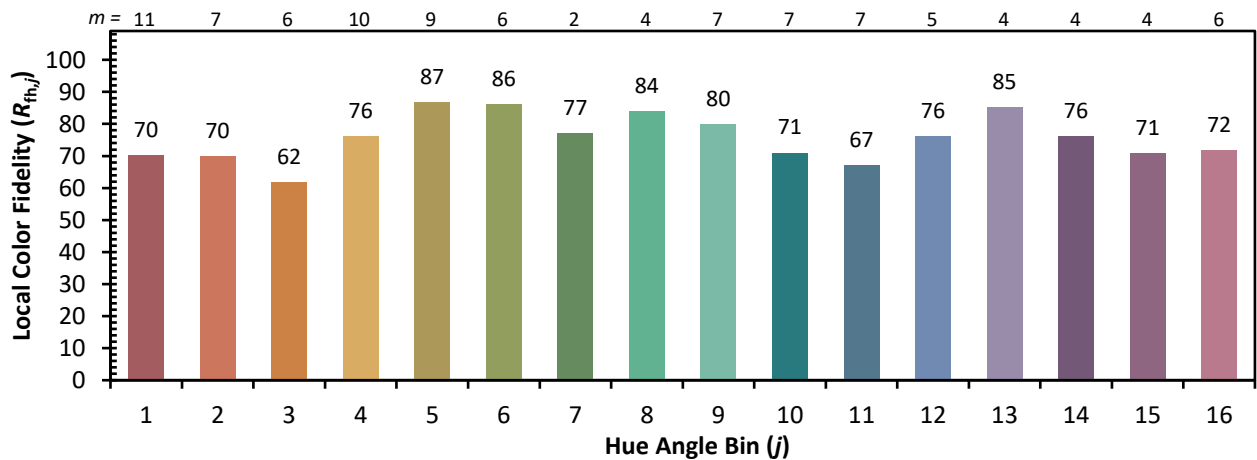
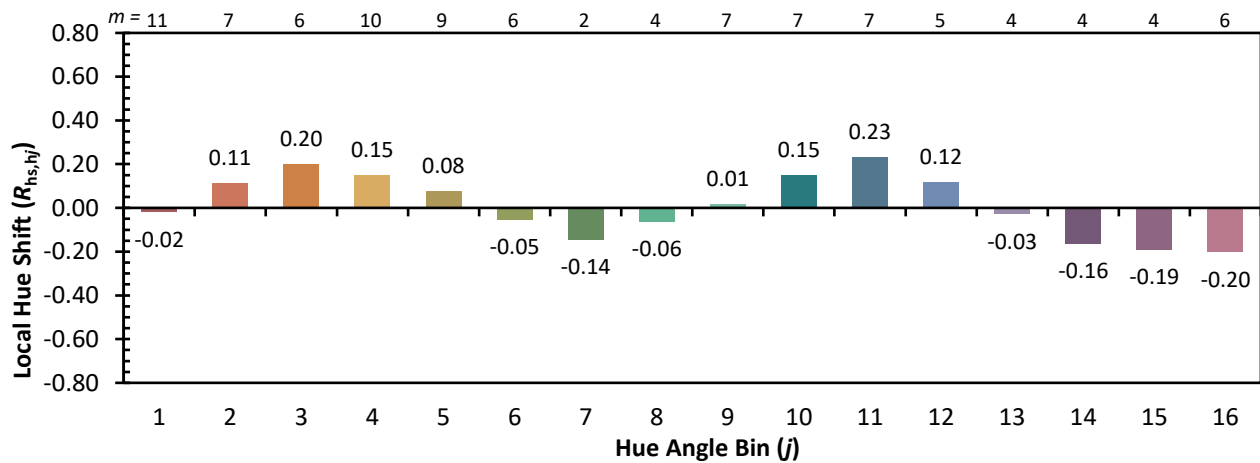
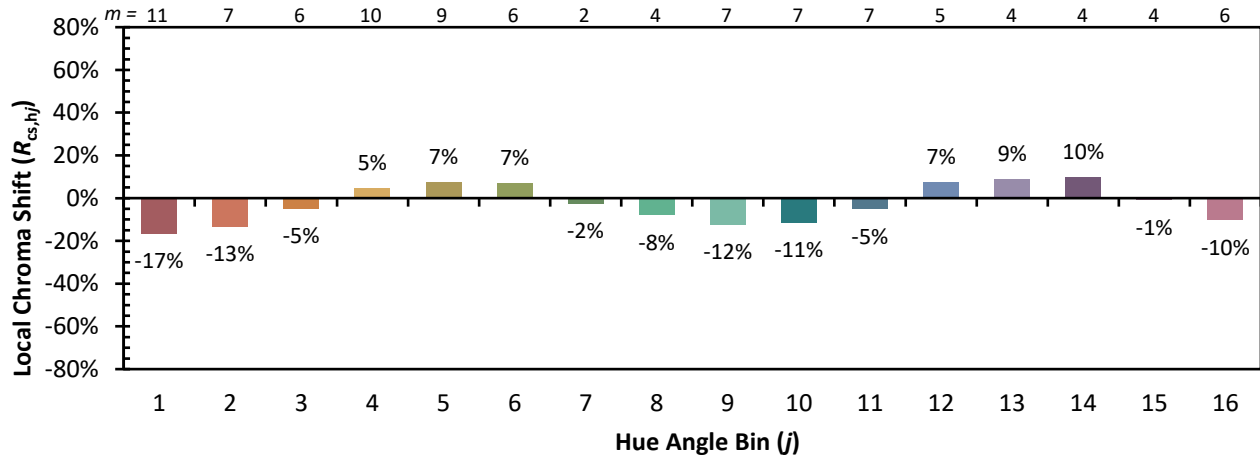
CES01 = 86	CES26 = 66	CES51 = 87	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 77
CES03 = 31	CES28 = 85	CES53 = 77	CES78 = 63
CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 79	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 76	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 75
CES11 = 59	CES36 = 93	CES61 = 81	CES86 = 63
CES12 = 65	CES37 = 85	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 67
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 80
CES16 = 47	CES41 = 93	CES66 = 61	CES91 = 80
CES17 = 50	CES42 = 87	CES67 = 59	CES92 = 57
CES18 = 56	CES43 = 79	CES68 = 67	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 61	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 58	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 54	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 65
CES25 = 73	CES50 = 86	CES75 = 61	



REPORT NUMBER: SP1-2406-133-4

TM-30-18

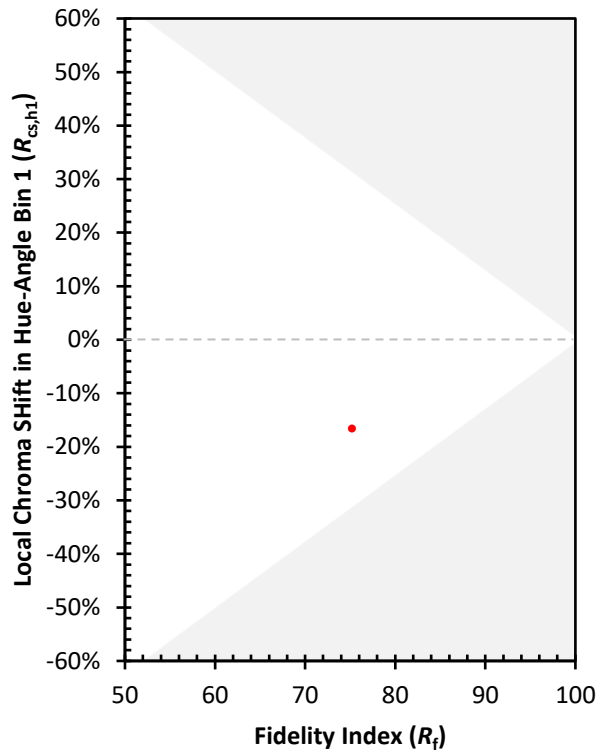
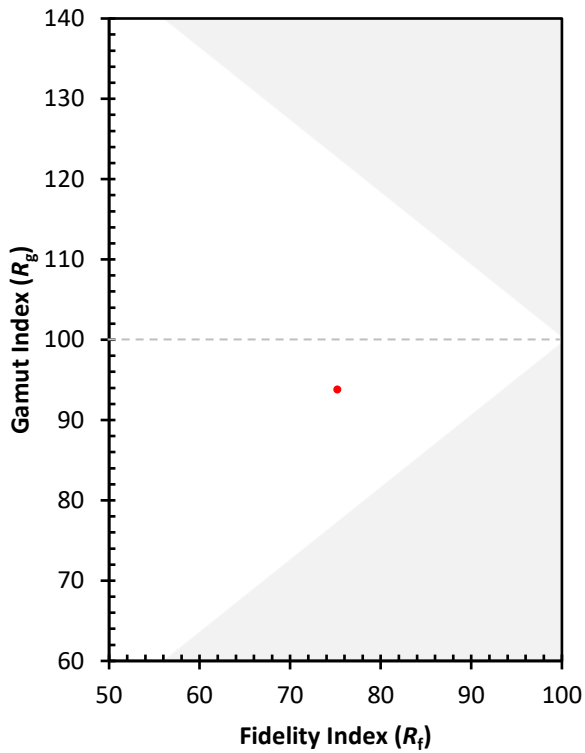
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-4

TM-30-18

Measure Comparisons



(END OF REPORT)