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: P856274

Luminaire Tested: **FFX-CLB-80-750-U-PG**

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:	P856274
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-750-U-PG
Description:	FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source:	(6) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13031 lumens
Efficiency:	N/A
Efficacy:	161.3 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G5

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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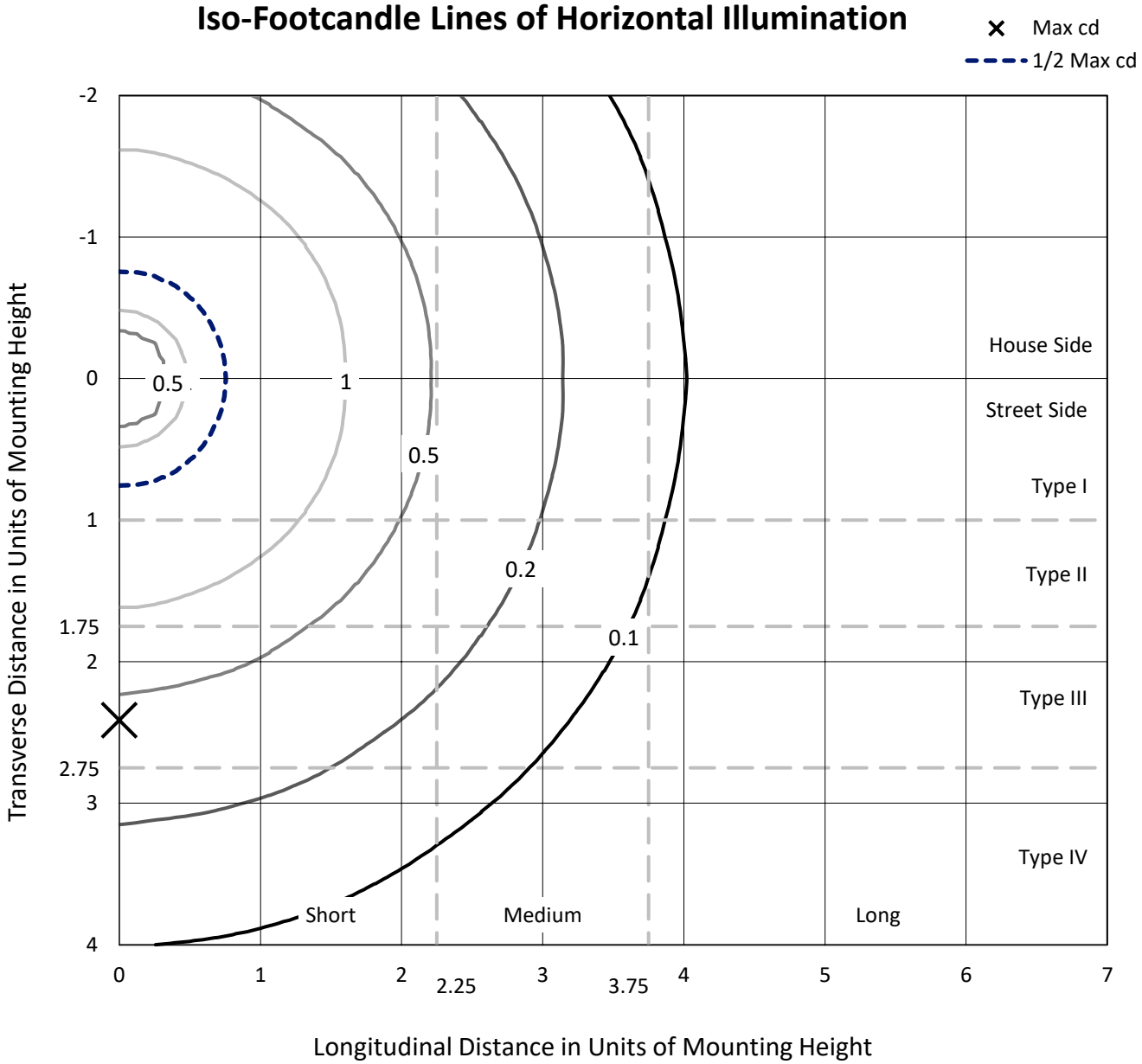
Scaled Data Report

REPORT NUMBER: P856274
CATALOG NUMBER: FFX-CLB-80-750-U-PG

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
Type V - Short - N/A

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REPORT NUMBER: P856274
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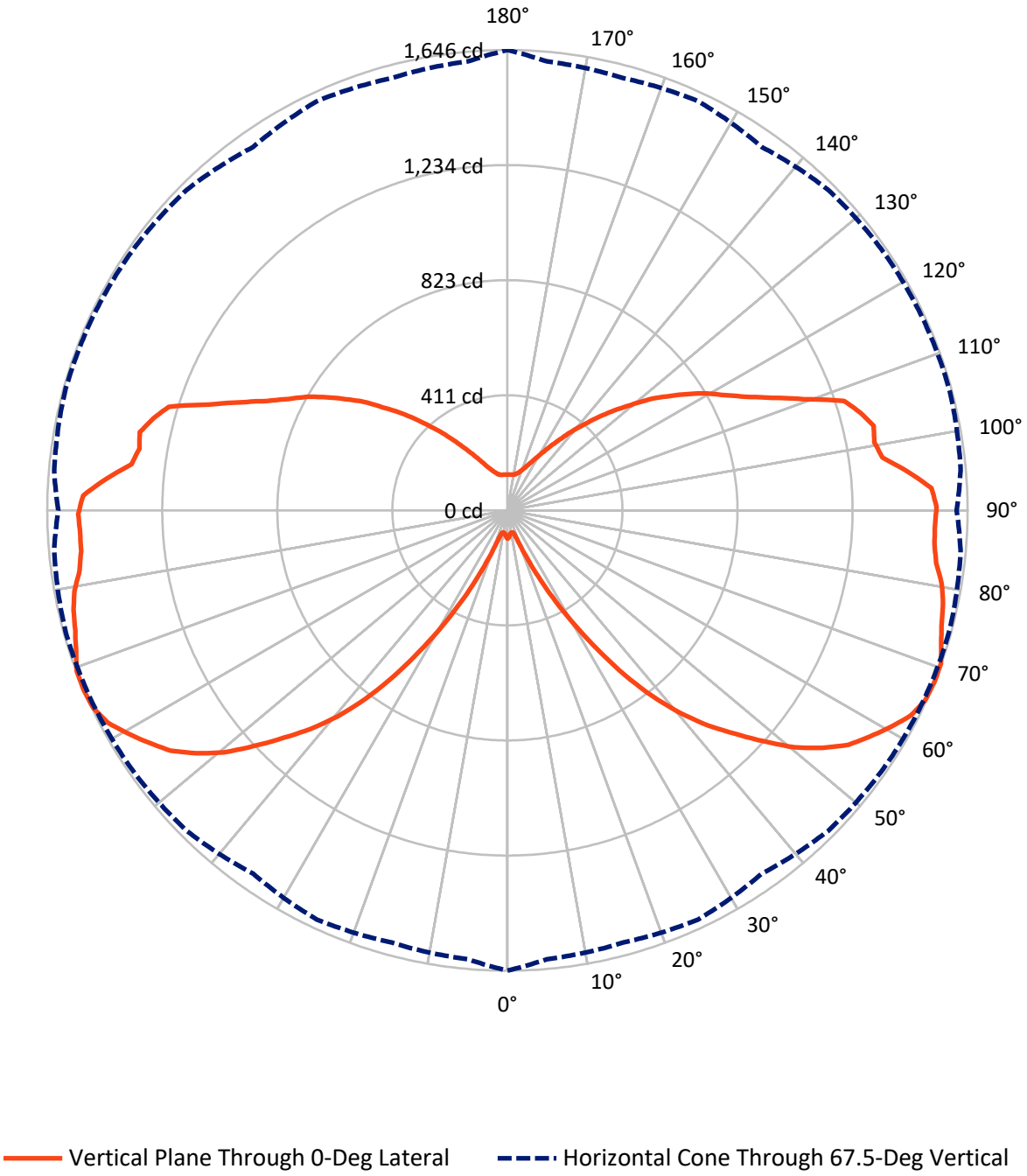
Luminous Intensity Polar Plot



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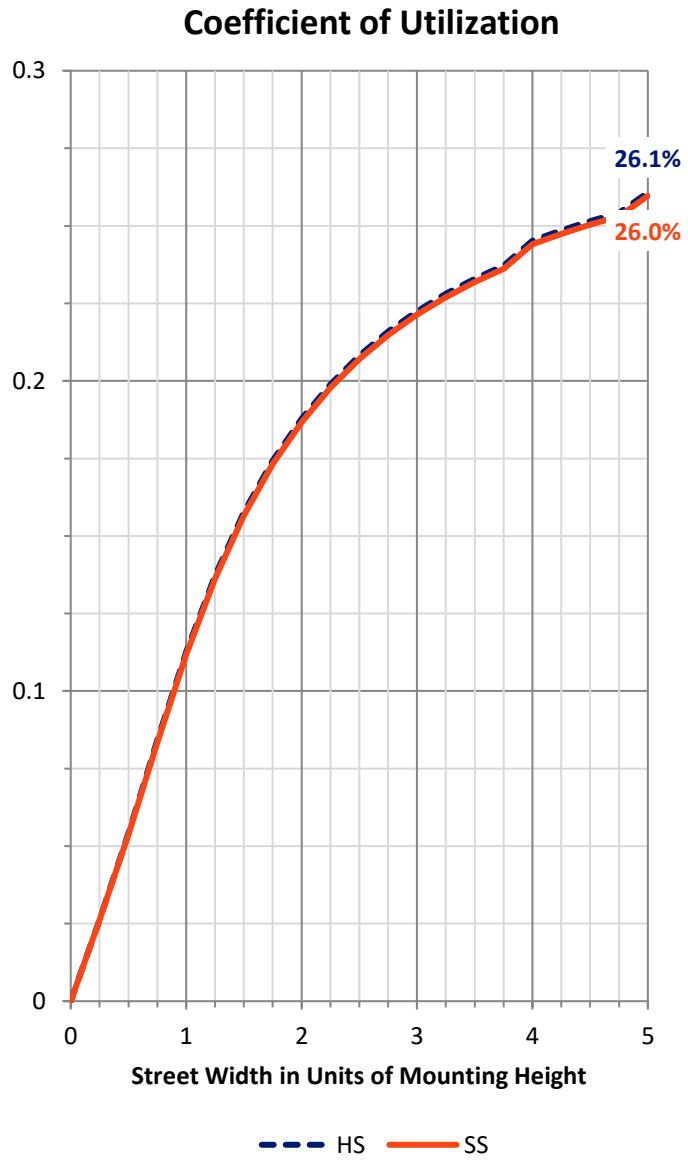
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3887.4	2628.1	6515.5
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	3887.4	2628.1	6515.5
	% Fixture	29.8	20.2	50.0
Total	Lumens	7774.9	5256.1	13031.0
	% Fixture	59.7	40.3	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.4	0.1
10°-20°	27.8	0.2
20°-30°	139.2	1.1
30°-40°	457.3	3.5
40°-50°	884.4	6.8
50°-60°	1308.7	10.0
60°-70°	1591.1	12.2
70°-80°	1679.7	12.9
80°-90°	1678.4	12.9
90°-100°	1570.1	12.0
100°-110°	1396.8	10.7
110°-120°	955.4	7.3
120°-130°	641.7	4.9
130°-140°	372.6	2.9
140°-150°	183.5	1.4
150°-160°	84.7	0.7
160°-170°	39.1	0.3
170°-180°	12.3	0.1
0°-90°	7774.9	59.7
0°-180°	13031.0	100.0



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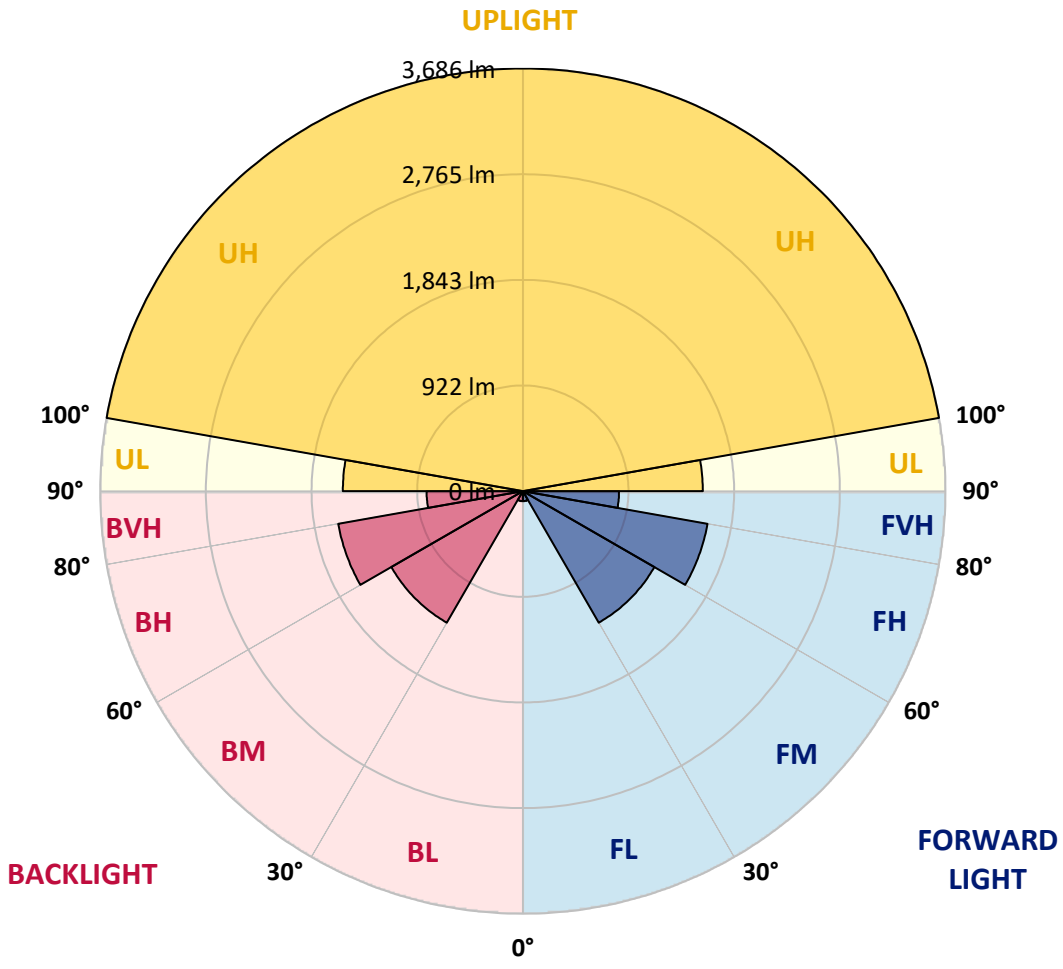
CATALOG NUMBER: FFX-CLB-80-750-U-PG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	87.7	0.7			
FM	(30°-60°)	1325.2	10.2			
FH	(60°-80°)	1635.4	12.5			G1/1800
FVH	(80°-90°)	839.2	6.4			G5
BL	(0°-30°)	87.7	0.7	B0/110		
BM	(30°-60°)	1325.2	10.2	B2/2500		
BH	(60°-80°)	1635.4	12.5	B3/2500		G1/1800
BVH	(80°-90°)	839.2	6.4			G5
UL	(90°-100°)	1570.1	12.0		U5	
UH	(100°-180°)	3686.0	28.3		U5	

BUG Rating: B3-U5-G5
Type V Short



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REPORT NUMBER: P856274
CATALOG NUMBER: FFX-CLB-80-750-U-PG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	*101.1*	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
2.5°	*97.0*	96.2	95.4	94.5	95.4	96.2	97.8	98.6	98.6	98.6	98.6
5°	*88.0*	88.8	89.6	90.4	90.4	90.4	90.4	91.2	92.1	92.1	92.1
7.5°	*83.0*	83.0	83.8	86.3	87.1	86.3	86.3	87.1	84.7	82.2	81.4
10°	*80.6*	80.6	81.4	82.2	83.0	84.7	85.5	85.5	85.5	85.5	84.7
12.5°	*81.4*	80.6	81.4	82.2	83.8	84.7	83.0	83.0	84.7	86.3	87.1
15°	*85.5*	84.7	84.7	86.3	87.1	87.1	85.5	85.5	86.3	88.0	88.0
17.5°	*103.6*	101.9	101.1	101.9	101.1	101.9	101.1	102.7	102.7	101.9	101.1
20°	*141.4*	139.7	137.3	136.4	137.3	139.7	140.6	143.0	140.6	139.7	136.4
22.5°	*200.6*	198.1	196.5	196.5	198.9	200.6	199.7	203.0	201.4	200.6	197.3
25°	*276.2*	274.5	275.4	279.5	283.6	281.1	274.5	279.5	279.5	278.7	277.8
27.5°	*370.7*	365.0	367.4	378.1	381.4	374.8	367.4	373.2	375.6	376.5	376.5
30°	*478.4*	474.3	473.5	485.0	489.1	483.3	478.4	485.0	485.0	487.4	487.4
32.5°	*595.1*	592.7	588.5	595.1	601.7	600.0	600.0	605.0	603.3	605.8	606.6
35°	*723.3*	718.4	710.2	711.0	718.4	719.2	725.0	728.3	726.6	725.8	725.8
37.5°	*844.2*	837.6	830.2	826.1	835.1	834.3	847.5	847.5	844.2	845.0	845.0
40°	*953.5*	949.4	943.6	932.1	949.4	946.1	961.7	961.7	952.7	955.1	953.5
42.5°	*1051.3*	1051.3	1044.7	1027.5	1045.6	1042.3	1062.8	1062.8	1050.5	1049.7	1047.2
45°	*1139.3*	1143.4	1140.1	1124.5	1131.1	1133.5	1153.2	1149.1	1139.3	1139.3	1135.2
47.5°	*1233.8*	1237.9	1226.4	1210.0	1217.4	1221.5	1239.6	1237.9	1232.2	1224.8	1224.8
50°	*1332.4*	1333.3	1310.2	1290.5	1297.1	1318.5	1331.6	1334.9	1322.6	1305.3	1304.5
52.5°	*1410.5*	1415.5	1393.3	1371.9	1376.8	1401.5	1416.3	1417.1	1401.5	1376.8	1384.2
55°	*1479.6*	1484.5	1462.3	1443.4	1453.3	1466.4	1483.7	1473.8	1474.6	1448.3	1460.7
57.5°	*1526.4*	1542.9	1505.9	1501.8	1510.8	1526.4	1533.8	1531.4	1536.3	1511.6	1515.7
60°	*1573.3*	1580.7	1549.4	1555.2	1544.5	1572.5	1578.2	1584.0	1570.8	1553.6	1553.6
62.5°	*1617.7*	1599.6	1577.4	1591.4	1562.6	1597.9	1604.5	1611.1	1597.1	1580.7	1584.0
65°	*1640.7*	1607.8	1588.9	1606.2	1578.2	1610.3	1621.0	1623.4	1621.0	1605.3	1597.9
67.5°	*1645.6*	*1611.1*	*1599.6*	*1613.6*	*1585.6*	*1621.0*	*1630.8*	*1635.8*	*1638.2*	*1626.7*	*1606.2*
70°	*1644.0*	1607.0	1597.1	1610.3	1592.2	1625.1	1625.9	1633.3	1636.6	1641.5	1618.5
72.5°	*1621.8*	1589.7	1587.3	1598.8	1582.3	1603.7	1604.5	1613.6	1608.6	1624.2	1612.7
75°	*1603.7*	1582.3	1586.4	1584.0	1567.5	1579.9	1583.1	1593.8	1575.7	1590.5	1600.4
77.5°	*1592.2*	1580.7	1590.5	1577.4	1560.1	1568.3	1573.3	1585.6	1558.5	1570.8	1599.6
80°	*1574.1*	1570.8	1583.1	1563.4	1548.6	1556.0	1564.2	1574.9	1545.3	1553.6	1594.7
82.5°	*1544.5*	1547.0	1558.5	1535.5	1525.6	1533.8	1543.7	1560.1	1529.7	1534.6	1578.2
85°	*1531.4*	1542.0	1547.8	1524.8	1513.3	1518.2	1528.9	1546.2	1514.1	1521.5	1565.9
87.5°	*1529.7*	1542.9	1547.0	1527.3	1517.4	1524.8	1529.7	1554.4	1519.9	1528.9	1574.1
90°	*1534.6*	1539.6	1542.0	1524.8	1516.6	1528.1	1528.9	1559.3	1524.8	1527.3	1567.5
92.5°	*1518.2*	1519.0	1524.0	1508.3	1507.5	1515.7	1514.1	1539.6	1501.8	1496.0	1530.5
95°	*1438.5*	1431.9	1442.6	1434.4	1451.6	1464.0	1477.9	1510.0	1491.1	1496.0	1525.6
97.5°	*1353.8*	1355.5	1358.7	1345.6	1343.1	1348.1	1353.8	1370.3	1364.5	1369.4	1397.4
100°	*1334.1*	1339.8	1339.0	1332.4	1305.3	1299.6	1287.2	1270.0	1247.0	1250.2	1254.4
102.5°	*1343.9*	1359.6	1362.0	1371.1	1371.1	1367.0	1376.0	1368.6	1372.7	1396.6	1383.4
105°	*1308.6*	1326.7	1338.2	1348.1	1367.0	1382.6	1424.5	1450.0	1470.5	1499.3	1495.2
107.5°	*1265.9*	1274.9	1283.1	1283.1	1278.2	1275.7	1298.7	1302.8	1297.1	1304.5	1305.3
110°	*1132.7*	1131.9	1140.1	1136.8	1139.3	1126.1	1132.7	1154.9	1150.0	1164.8	1167.2

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Scaled Data Report

REPORT NUMBER: P856274
CATALOG NUMBER: FFX-CLB-80-750-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*1029.1*	1029.1	1034.9	1026.7	1027.5	1016.8	1020.9	1035.7	1036.5	1048.9	1055.4
115°	*942.0*	940.4	948.6	942.0	934.6	932.1	936.2	945.3	947.7	956.0	969.1
117.5°	*877.1*	868.8	875.4	876.2	879.5	872.9	882.8	888.6	891.9	898.4	909.1
120°	*823.6*	815.4	817.9	826.1	836.0	822.0	832.7	837.6	840.1	842.5	847.5
122.5°	*762.8*	757.0	754.6	771.0	776.8	764.4	770.2	777.6	781.7	785.8	789.9
125°	*701.2*	696.2	693.8	708.6	714.3	704.4	712.7	723.3	721.7	730.7	722.5
127.5°	*645.3*	643.6	640.3	647.7	651.8	651.0	658.4	671.6	665.8	674.0	665.0
130°	*578.7*	585.3	580.3	589.4	590.2	596.8	599.2	611.6	605.8	607.4	601.7
132.5°	*524.4*	526.9	524.4	527.7	530.2	530.2	536.8	549.9	540.9	540.0	535.1
135°	*469.4*	470.2	466.9	471.8	473.5	469.4	475.9	485.8	480.9	478.4	478.4
137.5°	*415.1*	414.3	415.1	416.7	418.4	417.6	420.9	428.3	426.6	423.3	427.4
140°	*369.1*	366.6	367.4	368.2	367.4	367.4	370.7	377.3	377.3	373.2	377.3
142.5°	*323.0*	322.2	322.2	322.2	322.2	323.9	327.2	328.8	330.4	327.2	326.3
145°	*284.4*	283.6	282.8	282.8	282.8	283.6	286.9	286.1	289.3	286.1	283.6
147.5°	*249.9*	250.7	249.1	248.2	247.4	249.9	250.7	252.3	254.0	252.3	249.9
150°	*221.9*	221.1	221.1	219.5	219.5	221.9	221.1	222.8	224.4	223.6	222.8
152.5°	*197.3*	197.3	197.3	195.6	196.5	198.1	198.1	198.1	199.7	199.7	198.9
155°	*177.5*	177.5	177.5	176.7	176.7	178.4	178.4	178.4	179.2	179.2	179.2
157.5°	*162.8*	162.8	161.9	161.9	161.9	162.8	161.9	161.9	162.8	162.8	162.8
160°	*151.2*	151.2	150.4	150.4	149.6	150.4	149.6	149.6	150.4	150.4	150.4
162.5°	*142.2*	142.2	141.4	141.4	141.4	141.4	141.4	140.6	140.6	141.4	140.6
165°	*135.6*	135.6	135.6	135.6	135.6	135.6	135.6	134.8	134.8	134.8	134.8
167.5°	*131.5*	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5
170°	*129.1*	129.1	129.1	129.9	129.9	129.9	129.1	129.1	129.9	129.9	129.1
172.5°	*128.2*	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2
175°	*128.2*	128.2	128.2	128.2	128.2	128.2	127.4	128.2	128.2	128.2	128.2
177.5°	*128.2*	127.4	127.4	128.2	128.2	127.4	127.4	127.4	127.4	127.4	127.4
180°	*128.2*	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2

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: SP1-2406-133-5

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-750-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-750-U-FR-T5.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.03

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

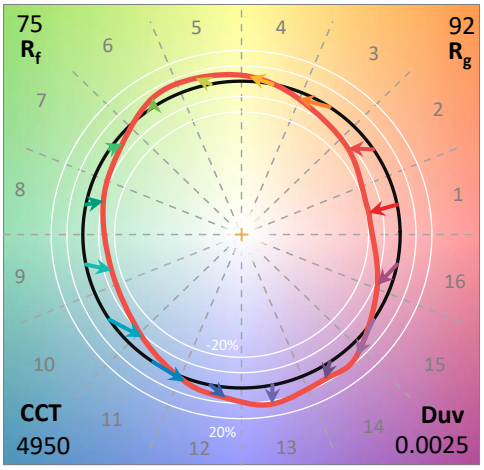
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-5
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-100-750-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	4950
CIE u':	0.2102
CIE v':	0.4882
Duv:	0.0025
CIE x:	0.3471
CIE y:	0.3583
CIE z:	0.2946
Peak Wavelength (nm):	452
Dominant Wavelength (nm):	571
Purity:	11.64963
Rf:	74.8
Rg:	92.4

CRI (Ra):	73.0
R1:	69.1
R2:	80.1
R3:	87.3
R4:	70.6
R5:	69.4
R6:	71.2
R7:	82.5
R8:	53.6
R9:	-35.4
R10:	51.9
R11:	66.1
R12:	40.1
R13:	71.5
R14:	93.0
R15:	62.2



Test Conditions

Stabilization Time:	0.803355M
Operation Time:	1H
Sphere Temperature (°C):	24.7

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-5

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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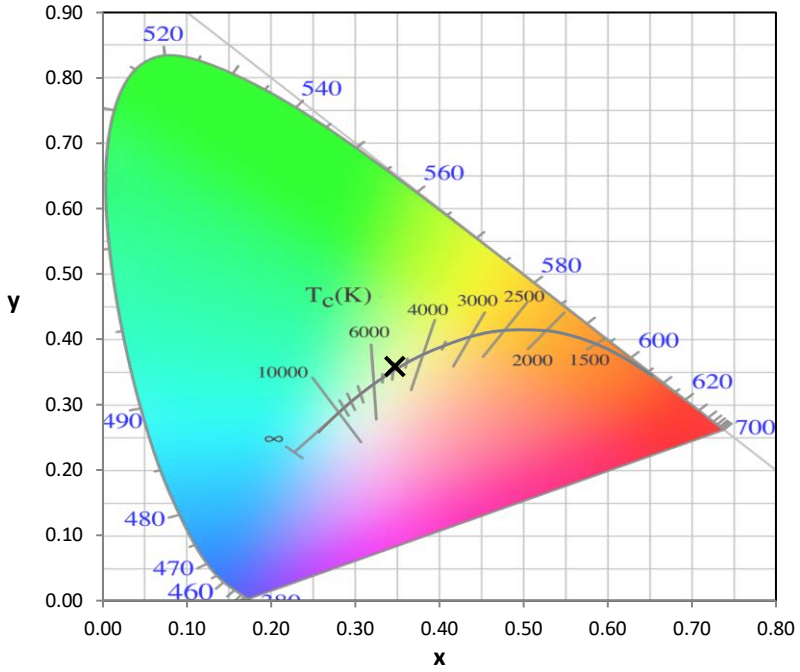
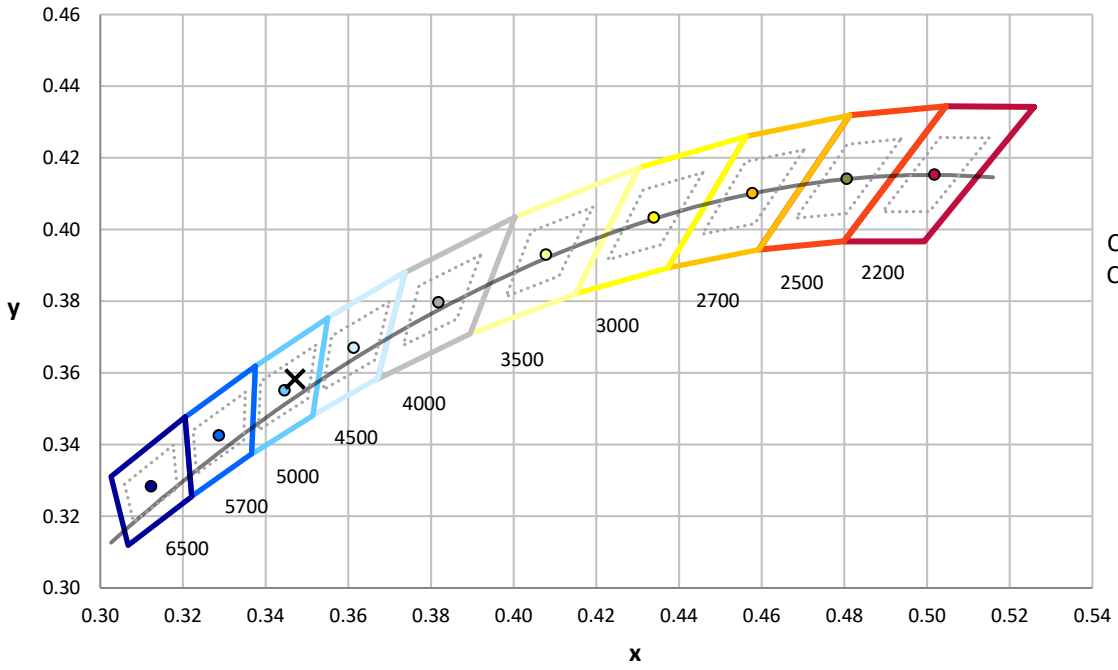
REPORT NUMBER: SP1-2406-133-5

CIE 1931 Chromaticity Diagram



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



CCT = 4950K
CIE x = 0.3471
CIE y = 0.3583
Duv = 0.0025

Point lies inside the ANSI 5000K 4-step quadrangle

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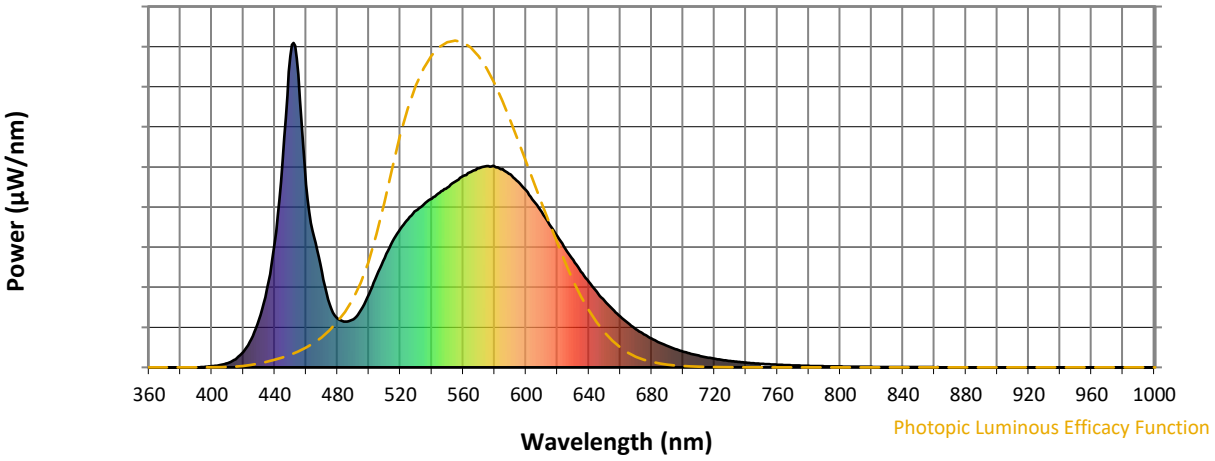
Photopic Flux vs. Wavelength



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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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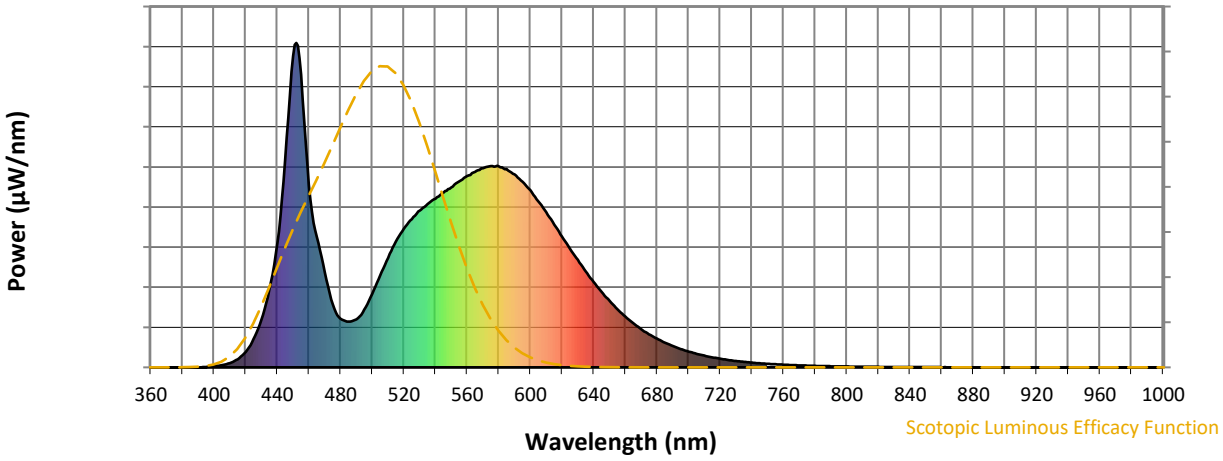
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.8**

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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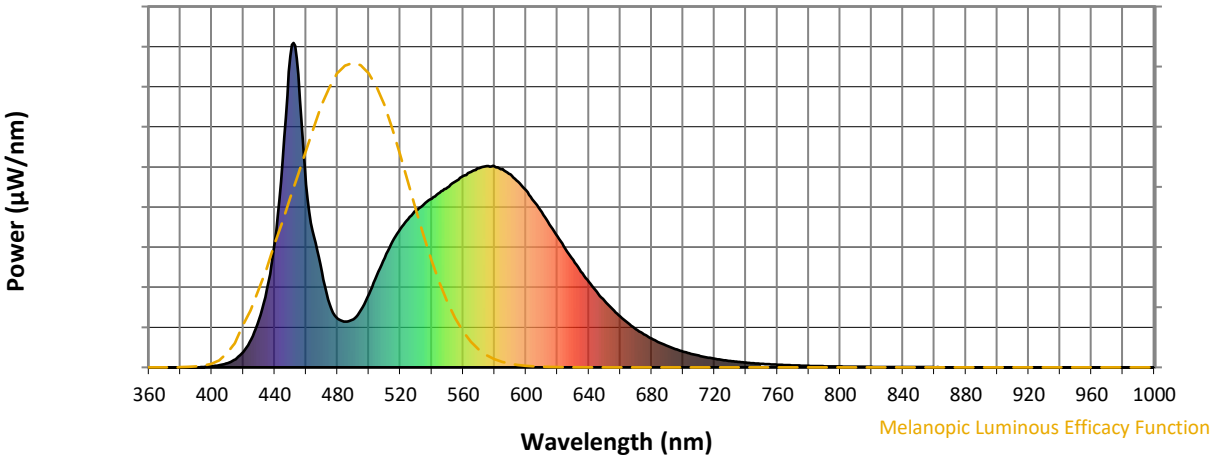
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	148	NR	620	403	NR	750	11	NR	880	0	NR
365	0	NR	495	178	NR	625	366	NR	755	9	NR	885	0	NR
370	0	NR	500	226	NR	630	331	NR	760	8	NR	890	0	NR
375	0	NR	505	283	NR	635	295	NR	765	7	NR	895	0	NR
380	0	NR	510	338	NR	640	263	NR	770	6	NR	900	0	NR
385	0	NR	515	387	NR	645	232	NR	775	5	NR	905	0	NR
390	0	NR	520	428	NR	650	205	NR	780	5	NR	910	0	NR
395	1	NR	525	457	NR	655	179	NR	785	4	NR	915	0	NR
400	4	NR	530	484	NR	660	156	NR	790	3	NR	920	0	NR
405	7	NR	535	503	NR	665	136	NR	795	3	NR	925	0	NR
410	13	NR	540	520	NR	670	118	NR	800	3	NR	930	0	NR
415	25	NR	545	538	NR	675	102	NR	805	2	NR	935	0	NR
420	48	NR	550	555	NR	680	89	NR	810	2	NR	940	0	NR
425	87	NR	555	573	NR	685	76	NR	815	2	NR	945	0	NR
430	147	NR	560	590	NR	690	66	NR	820	2	NR	950	0	NR
435	242	NR	565	603	NR	695	56	NR	825	1	NR	955	0	NR
440	384	NR	570	614	NR	700	49	NR	830	1	NR	960	0	NR
445	638	NR	575	621	NR	705	42	NR	835	1	NR	965	0	NR
450	960	NR	580	619	NR	710	36	NR	840	1	NR	970	0	NR
455	902	NR	585	611	NR	715	31	NR	845	1	NR	975	0	NR
460	564	NR	590	594	NR	720	27	NR	850	1	NR	980	0	NR
465	402	NR	595	572	NR	725	23	NR	855	1	NR	985	0	NR
470	293	NR	600	546	NR	730	20	NR	860	1	NR	990	0	NR
475	194	NR	605	511	NR	735	17	NR	865	0	NR	995	0	NR
480	150	NR	610	478	NR	740	14	NR	870	0	NR	1000	0	NR
485	141	NR	615	440	NR	745	13	NR	875	0	NR			

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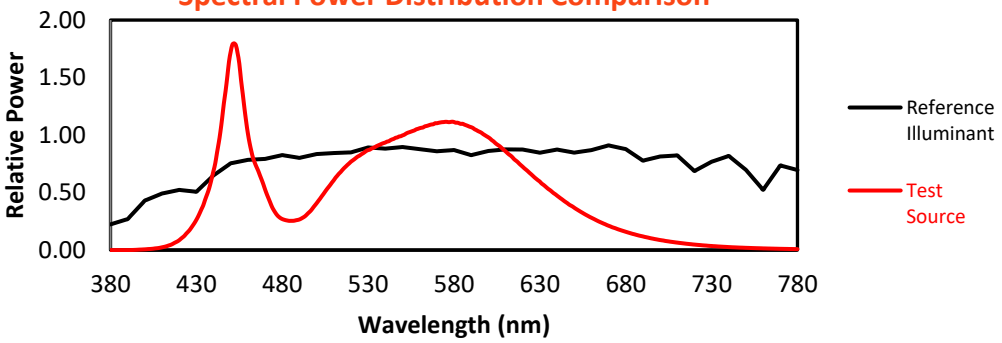
TM-30-18

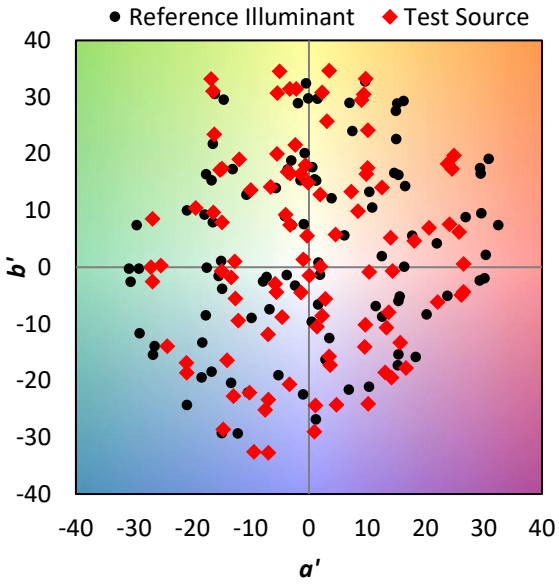
Summary

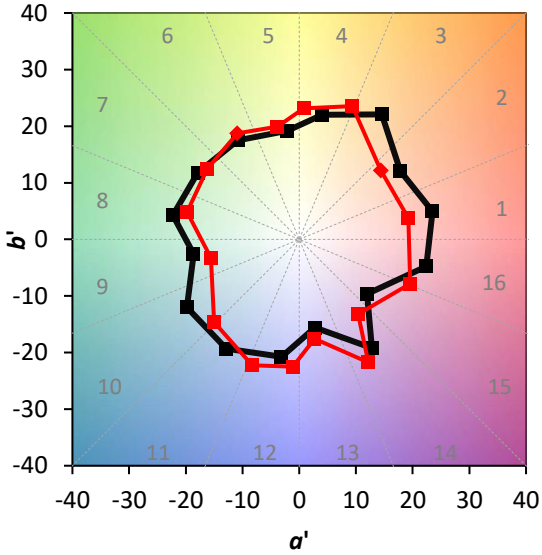
R_f = 74.8
R_g = 92.4
CIE R_a = 73.0
R_9 = -35.4

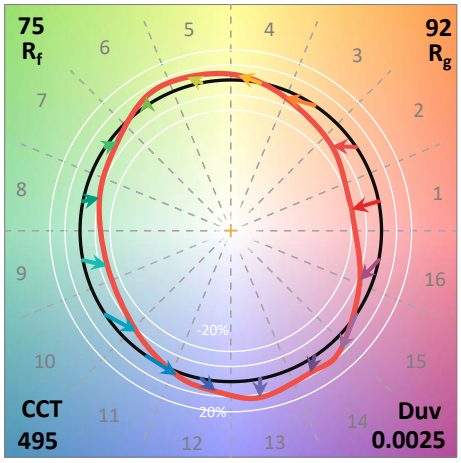
Spectral Power Distribution Comparison

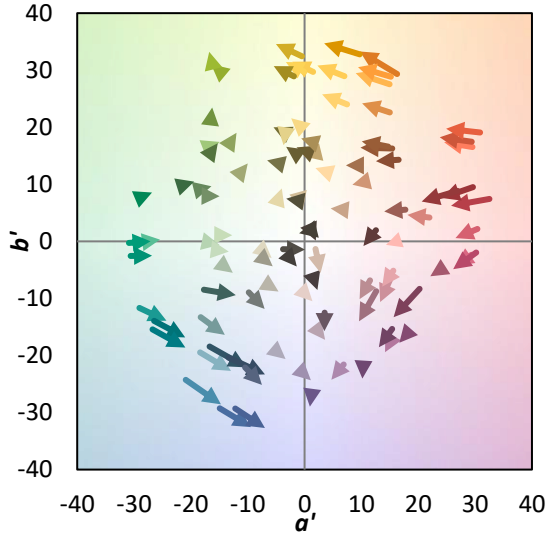


Color Vector Graphics









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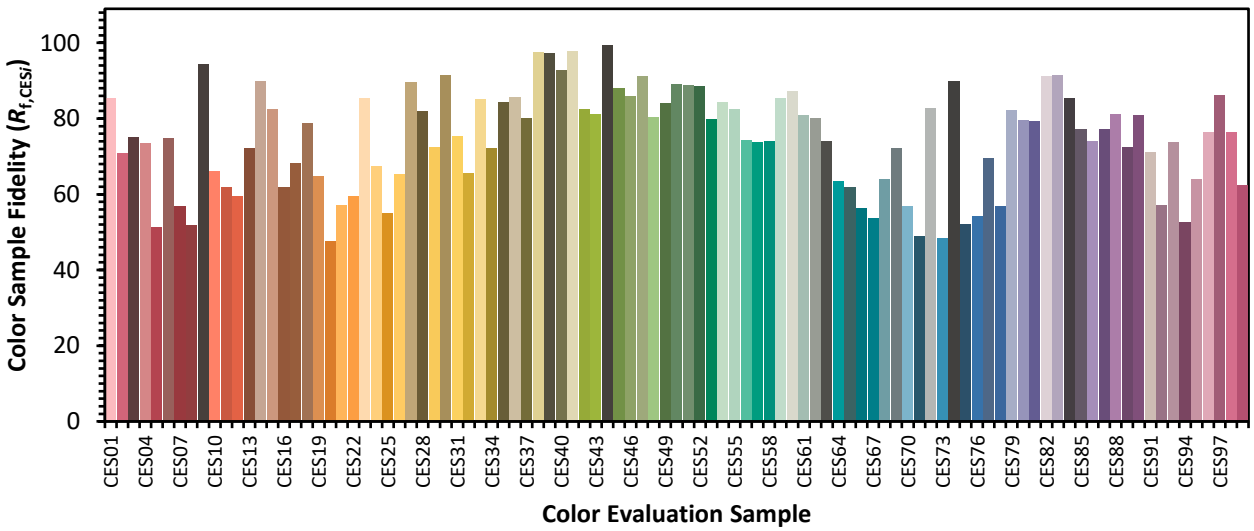
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 65	CES51 = 89	CES76 = 54
CES02 = 60	CES27 = 90	CES52 = 88	CES77 = 69
CES03 = 30	CES28 = 82	CES53 = 80	CES78 = 57
CES04 = 69	CES29 = 72	CES54 = 84	CES79 = 82
CES05 = 46	CES30 = 91	CES55 = 82	CES80 = 79
CES06 = 50	CES31 = 75	CES56 = 74	CES81 = 79
CES07 = 39	CES32 = 66	CES57 = 74	CES82 = 91
CES08 = 38	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 72	CES59 = 85	CES84 = 85
CES10 = 73	CES35 = 84	CES60 = 87	CES85 = 77
CES11 = 56	CES36 = 86	CES61 = 81	CES86 = 74
CES12 = 62	CES37 = 80	CES62 = 80	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 74	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 63	CES89 = 72
CES15 = 70	CES40 = 93	CES65 = 62	CES90 = 81
CES16 = 46	CES41 = 98	CES66 = 56	CES91 = 71
CES17 = 49	CES42 = 83	CES67 = 54	CES92 = 57
CES18 = 55	CES43 = 81	CES68 = 64	CES93 = 74
CES19 = 71	CES44 = 99	CES69 = 72	CES94 = 53
CES20 = 64	CES45 = 88	CES70 = 57	CES95 = 64
CES21 = 85	CES46 = 86	CES71 = 49	CES96 = 76
CES22 = 77	CES47 = 91	CES72 = 83	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 48	CES98 = 77
CES24 = 90	CES49 = 84	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 52	



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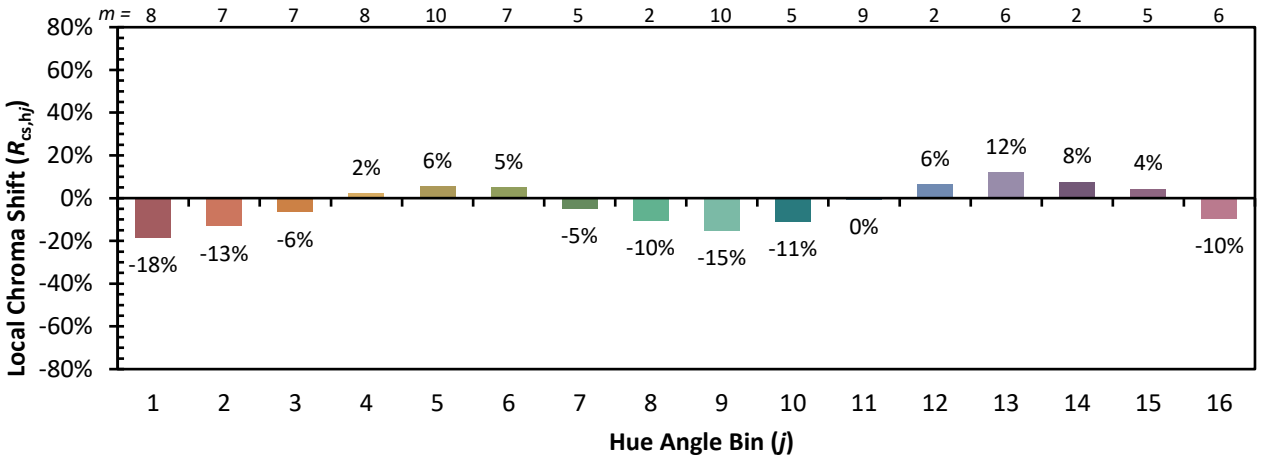
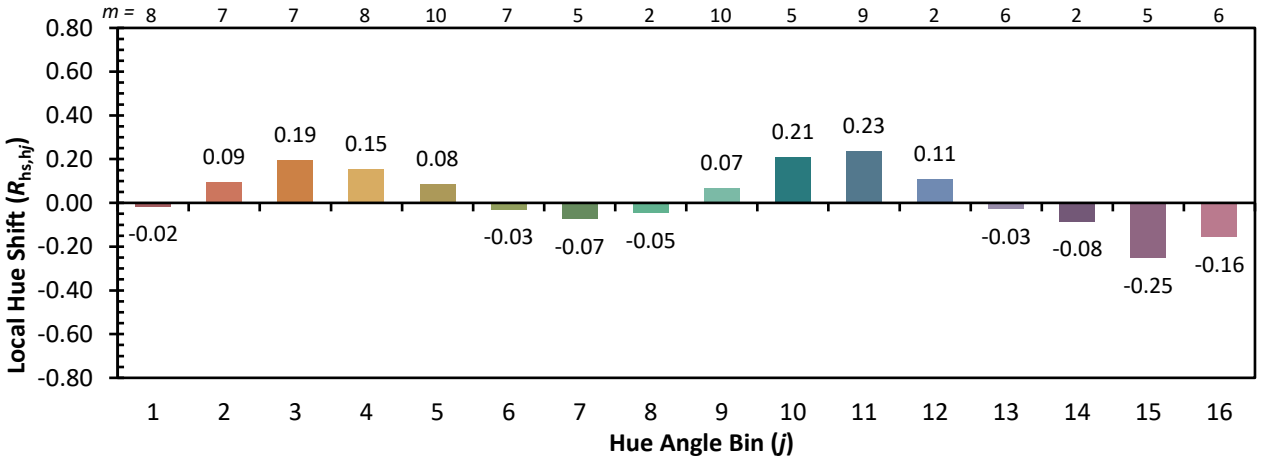
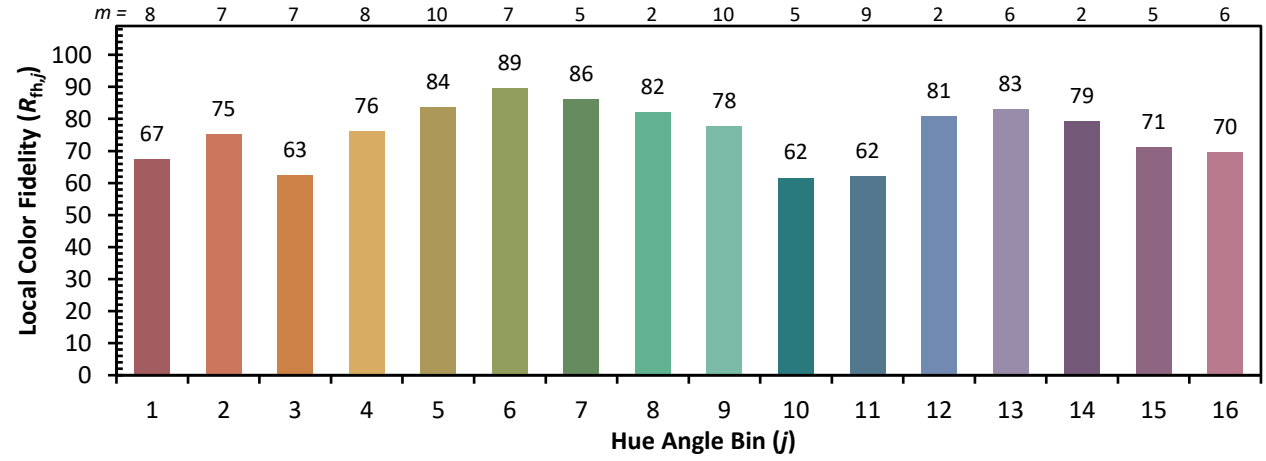
Color Rendition by Hue-Angle Bin







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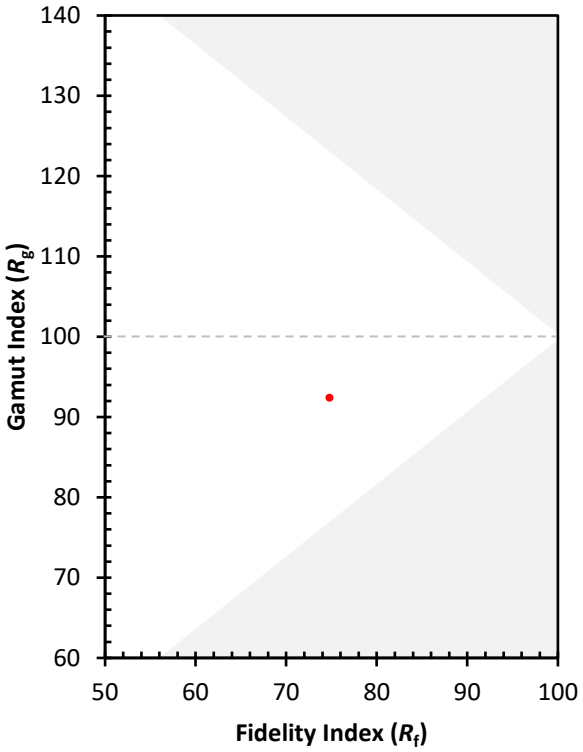
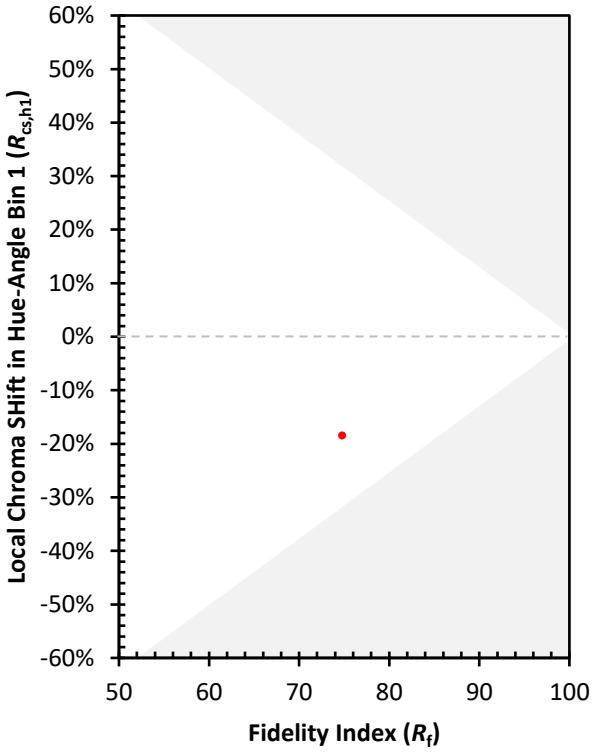
Measure Comparisons





(END OF REPORT)