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: P1223940

Luminaire Tested: **FFX-CLB-20-727-U-VM9-T4-HSS**

Issue Date: 01/27/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1223940
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	01/27/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-727-U-VM9-T4-HSS
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 9 INCH NECK TYPE 4 DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2709.8 lumens
Efficiency:	N/A
Efficacy:	136.9 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U4 - G3

Input Watts (W):	19.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	9.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

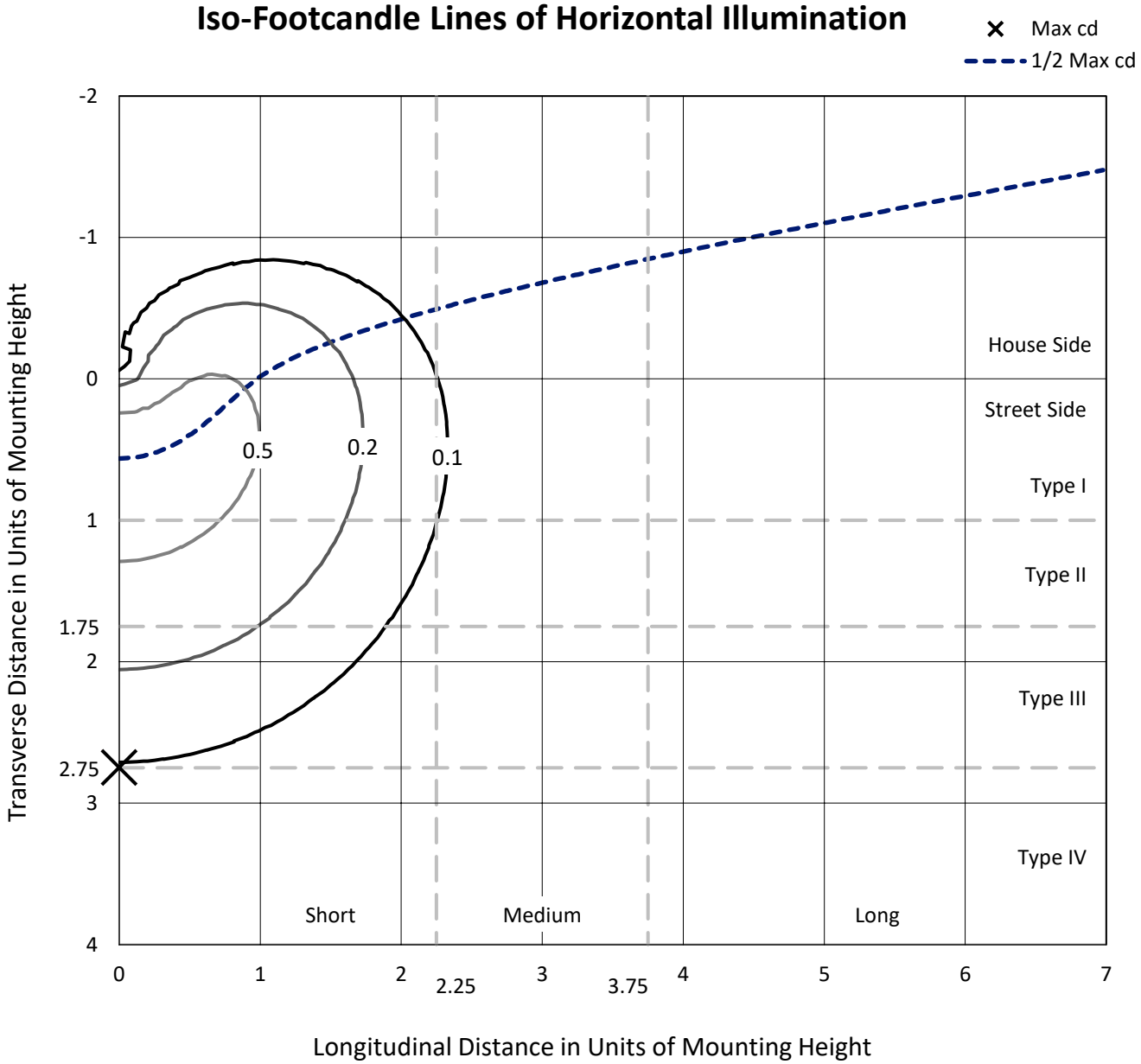


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Iso-Footcandle Lines of Horizontal Illumination



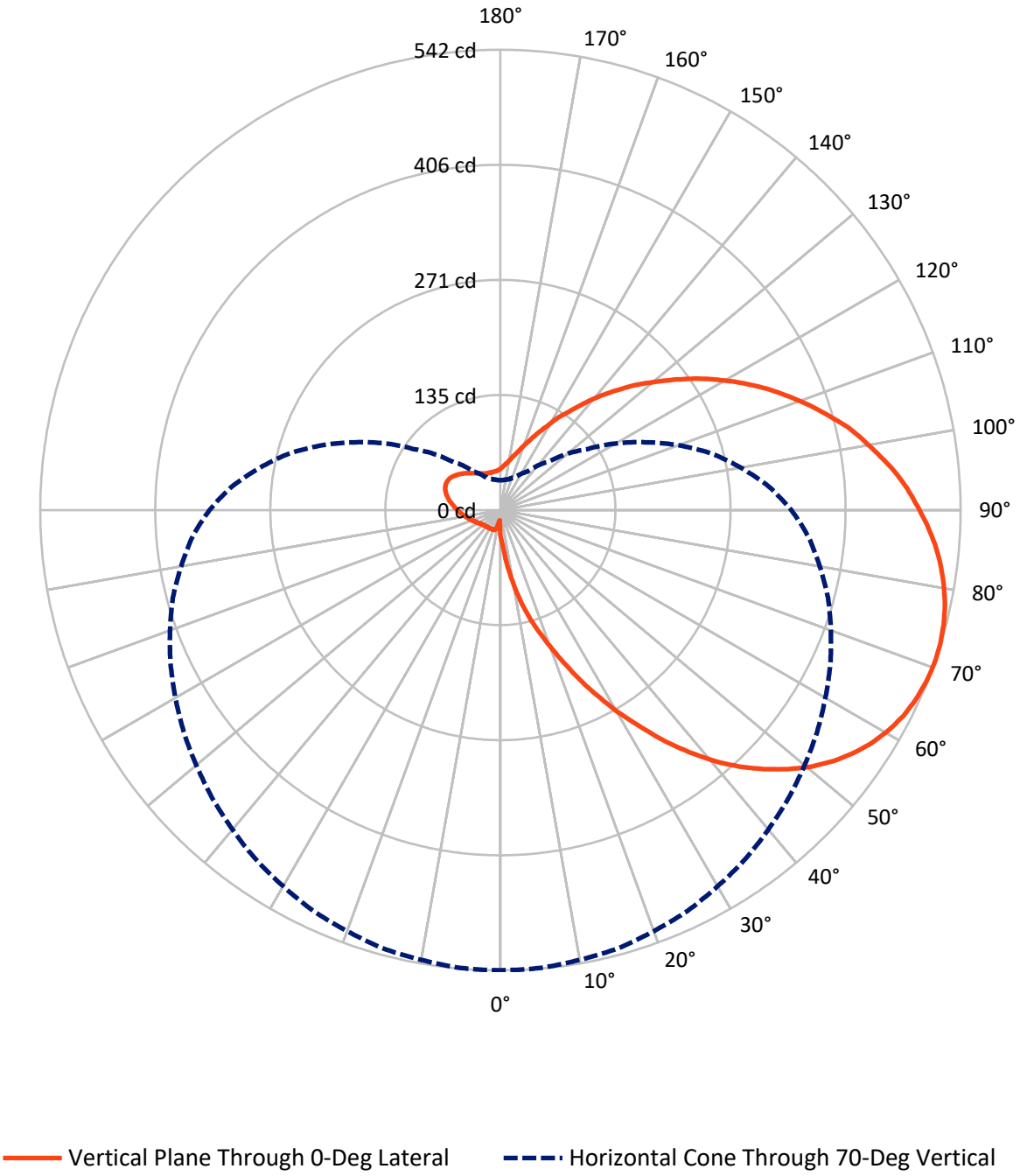
Based on 15 foot mounting height. Maximum calculated value = 0.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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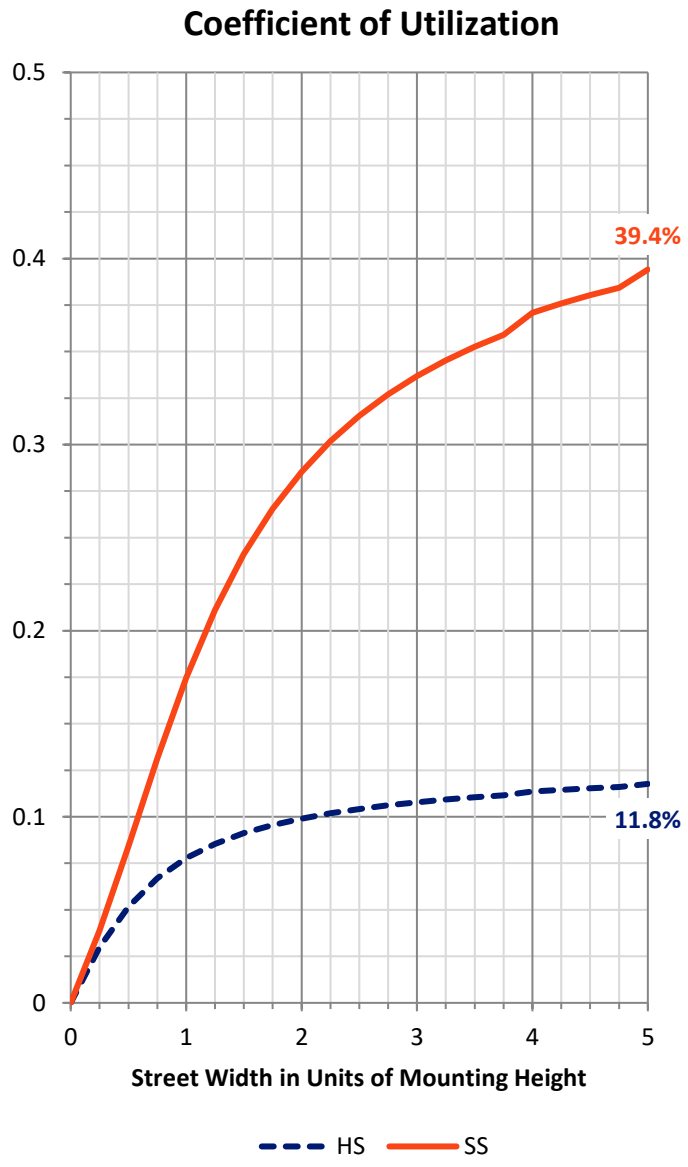
REPORT NUMBER: P1223940
CATALOG NUMBER: FFX-CLB-20-727-U-VM9-T4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	347.5	335.2	682.7
	% Fixture	12.8	12.4	25.2
Street Side	Lumens	1220.5	806.6	2027.1
	% Fixture	45.0	29.8	74.8
Total	Lumens	1568.0	1141.8	2709.8
	% Fixture	57.9	42.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.2
10°-20°	23.7	0.9
20°-30°	62.3	2.3
30°-40°	121.1	4.5
40°-50°	188.7	7.0
50°-60°	248.9	9.2
60°-70°	292.3	10.8
70°-80°	314.4	11.6
80°-90°	312.6	11.5
90°-100°	290.7	10.7
100°-110°	255.2	9.4
110°-120°	209.9	7.7
120°-130°	158.0	5.8
130°-140°	107.1	4.0
140°-150°	64.8	2.4
150°-160°	34.9	1.3
160°-170°	16.4	0.6
170°-180°	4.8	0.2
0°-90°	1568.0	57.9
0°-180°	2709.8	100.0



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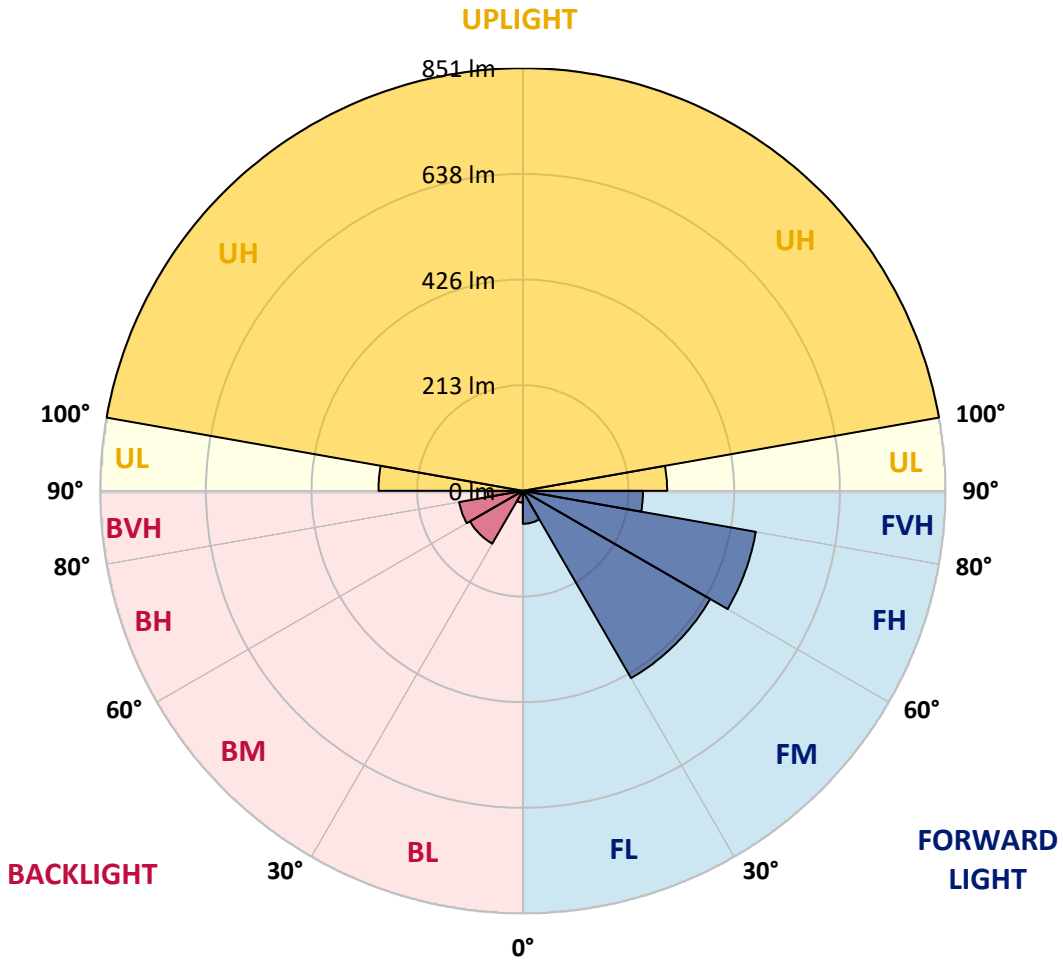
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	66.4	2.4			
FM	(30°-60°)	435.7	16.1			
FH	(60°-80°)	476.5	17.6			G0/660
FVH	(80°-90°)	242.0	8.9			G3/500
BL	(0°-30°)	23.7	0.9	B0/110		
BM	(30°-60°)	123.0	4.5	B0/220		
BH	(60°-80°)	130.2	4.8	B1/500		G1/500
BVH	(80°-90°)	70.6	2.6			G1/100
UL	(90°-100°)	290.7	10.7		U3/500	
UH	(100°-180°)	851.2	31.4		U4/1000	

BUG Rating: B1-U4-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	*31.0*	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
2.5°	*37.8*	38.0	37.8	37.8	38.2	37.8	37.4	36.0	34.4	32.4	31.4
5°	*52.9*	52.9	53.8	53.8	52.9	50.7	48.1	44.5	41.3	38.0	35.6
7.5°	*72.1*	72.5	71.7	69.7	68.6	64.2	61.6	57.0	53.1	48.5	46.3
10°	*92.2*	92.4	91.4	89.6	85.8	81.5	77.7	72.3	67.2	61.2	58.0
12.5°	*113.7*	113.3	111.5	107.5	105.3	100.3	95.4	89.8	82.9	75.5	71.7
15°	*134.1*	133.3	132.5	128.4	125.4	120.4	114.7	107.1	99.0	90.8	85.2
17.5°	*153.8*	152.0	150.8	148.8	144.3	139.9	132.5	123.6	114.8	104.1	98.4
20°	*174.9*	175.3	173.3	170.5	165.5	159.2	152.0	142.5	131.5	118.8	111.9
22.5°	*198.5*	198.5	197.3	193.7	188.6	180.4	172.1	162.1	148.6	135.3	126.8
25°	*224.7*	223.3	221.8	217.2	212.8	204.1	194.1	183.4	169.3	153.2	143.7
27.5°	*250.8*	250.2	248.6	243.6	238.0	228.9	219.0	205.1	189.8	170.9	160.9
30°	*278.4*	277.8	276.2	271.4	263.3	254.3	242.4	227.5	210.8	189.6	178.6
32.5°	*305.0*	305.0	303.0	298.1	289.5	278.8	266.1	249.4	230.9	209.0	195.9
35°	*334.6*	334.4	330.8	324.9	314.5	305.2	290.9	273.4	252.5	227.5	213.6
37.5°	*361.8*	360.8	357.3	350.9	341.4	329.2	313.2	293.9	272.4	245.8	230.1
40°	*388.7*	387.5	384.3	377.1	365.6	351.9	335.4	314.7	290.5	262.9	246.6
42.5°	*412.9*	412.5	407.9	399.4	387.9	372.4	354.7	332.8	308.6	278.8	261.5
45°	*435.0*	435.0	430.4	421.0	407.9	392.2	372.8	350.3	324.5	293.3	275.0
47.5°	*455.8*	455.8	451.5	440.7	426.2	408.9	389.1	365.8	338.4	306.4	286.9
50°	*474.7*	473.9	468.9	457.0	442.3	424.2	403.4	378.9	351.3	318.1	298.5
52.5°	*491.0*	490.0	484.2	473.1	456.6	437.3	415.5	390.6	361.8	328.3	308.2
55°	*504.7*	504.1	498.5	485.8	468.5	449.3	426.0	400.2	371.8	336.8	316.5
57.5°	*516.6*	515.6	509.1	496.2	478.9	457.8	434.4	408.7	379.3	344.5	323.5
60°	*525.6*	524.6	517.8	504.9	487.4	465.2	441.7	415.7	385.9	350.7	329.2
62.5°	*532.9*	531.7	525.2	511.5	493.2	471.3	447.3	420.9	391.0	355.7	334.2
65°	*537.5*	536.5	530.1	516.4	497.5	475.5	451.5	424.8	395.2	359.5	338.0
67.5°	*540.5*	539.7	533.1	519.8	500.9	478.5	454.0	427.4	398.0	362.2	340.8
70°	*541.9*	*541.1*	*534.3*	*520.8*	*502.1*	*479.7*	*455.2*	*428.6*	*399.4*	*364.2*	*342.6*
71°	*541.9*	541.1	534.5	521.0	502.3	479.9	455.4	428.8	399.6	364.4	342.8
72.5°	*541.3*	540.7	534.1	520.4	501.7	479.5	454.8	428.6	399.6	364.6	343.2
75°	*539.1*	537.9	531.5	518.2	499.7	477.5	453.0	426.8	398.4	364.0	342.8
77.5°	*535.1*	534.1	527.6	514.6	496.2	473.7	449.5	423.8	396.0	362.0	341.2
80°	*529.3*	528.3	522.0	508.7	490.4	468.7	444.5	419.3	391.8	358.9	338.4
82.5°	*522.0*	521.2	515.0	501.7	483.6	462.2	437.9	413.3	387.3	354.5	334.4
85°	*513.2*	512.3	505.5	492.4	475.1	453.6	430.0	406.1	380.7	349.1	329.6
87.5°	*502.7*	502.1	495.4	482.8	465.6	444.3	421.6	398.4	373.4	343.2	324.3
90°	*491.2*	491.0	483.8	471.3	454.2	434.2	411.7	389.1	364.8	336.0	317.7
92.5°	*479.7*	479.7	472.5	459.6	442.7	422.8	401.6	379.7	356.7	328.9	311.4
95°	*466.9*	465.6	458.8	447.3	430.4	411.3	390.8	369.4	347.1	320.7	304.2
97.5°	*452.0*	451.6	445.1	432.8	417.3	399.0	379.1	359.3	337.8	312.4	296.7
100°	*437.5*	436.7	430.6	419.3	403.4	385.9	367.2	348.1	327.9	303.8	288.7
102.5°	*423.2*	421.2	414.9	403.4	389.5	372.4	354.9	337.4	317.5	294.7	280.6
105°	*405.9*	405.7	399.2	388.3	374.2	359.1	342.6	325.5	307.4	285.3	272.2
107.5°	*389.1*	389.1	382.9	372.2	358.9	344.4	329.6	313.6	296.9	275.6	263.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
110°	*371.8*	371.6	366.0	356.5	343.8	329.8	316.3	301.6	284.9	266.3	254.5
112.5°	*354.7*	354.3	348.9	339.2	327.5	316.1	302.6	289.1	273.8	256.5	245.4
115°	*337.4*	337.0	331.2	322.7	312.0	300.2	288.9	276.0	262.7	245.4	235.7
117.5°	*319.5*	319.1	314.3	306.0	295.9	286.5	275.2	264.1	250.6	234.9	225.1
120°	*301.2*	301.4	296.7	289.1	279.8	271.0	261.1	251.0	238.4	223.5	214.2
122.5°	*283.9*	282.6	279.4	272.6	264.3	256.1	247.8	237.4	225.7	211.6	203.5
125°	*265.5*	265.1	261.9	255.1	248.0	241.6	233.9	224.5	213.8	199.5	192.1
127.5°	*247.6*	248.2	244.6	239.6	232.7	227.3	219.4	211.2	200.9	188.0	181.0
130°	*230.9*	230.5	228.5	223.3	217.6	212.0	206.1	198.7	189.0	176.0	169.7
132.5°	*215.4*	213.6	211.8	207.4	202.7	198.1	192.9	185.6	175.7	164.3	158.8
135°	*198.5*	198.5	195.7	191.9	188.6	184.2	179.0	172.3	163.7	153.8	147.4
137.5°	*183.0*	182.2	180.4	177.4	174.3	171.1	166.7	160.0	152.4	142.9	137.3
140°	*168.3*	167.7	166.1	163.5	160.9	158.0	154.0	148.2	141.3	132.1	127.4
142.5°	*153.0*	153.4	152.0	150.2	147.2	145.3	141.7	136.5	130.3	122.4	117.8
145°	*139.3*	139.5	138.9	137.1	134.9	132.9	129.2	125.4	119.4	112.3	108.9
147.5°	*128.0*	127.2	126.0	125.0	123.0	121.4	118.4	114.8	109.3	103.1	99.9
150°	*115.2*	115.8	114.7	113.5	112.3	110.1	107.9	104.9	99.7	94.8	91.4
152.5°	*104.5*	104.9	103.9	103.3	102.1	100.3	98.2	95.4	91.4	87.0	83.9
155°	*95.0*	95.0	95.0	94.2	92.8	91.6	89.4	86.8	83.5	79.5	77.3
157.5°	*86.2*	86.4	86.4	85.4	84.4	83.5	81.7	79.5	76.5	73.1	71.5
160°	*79.3*	78.9	78.7	77.9	77.1	76.3	74.7	72.9	70.3	67.6	66.2
162.5°	*72.3*	72.3	71.9	71.3	70.7	69.5	68.6	66.8	65.0	63.0	61.4
165°	*67.0*	66.8	66.8	66.0	65.4	64.4	63.4	62.2	60.6	58.8	57.6
167.5°	*62.4*	62.0	61.8	61.4	60.6	60.0	59.0	58.0	56.8	55.6	54.6
170°	*58.0*	58.2	57.8	57.4	57.0	56.4	55.6	54.8	53.8	52.7	52.3
172.5°	*55.0*	54.8	54.6	54.2	53.8	53.3	52.9	52.1	51.5	50.7	50.3
175°	*52.3*	52.3	52.1	51.7	51.3	50.9	50.5	50.1	49.7	49.1	48.9
177.5°	*50.1*	50.1	50.1	49.7	49.5	49.3	48.9	48.7	48.5	48.1	48.1
180°	*47.9*	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
2.5°	30.4	27.8	25.6	23.6	22.1	20.7	19.9	18.5	17.5	16.9
5°	34.2	30.4	27.2	24.0	21.7	19.1	16.5	13.9	12.3	12.1
7.5°	43.3	39.1	34.4	30.2	25.4	21.5	18.1	15.5	14.5	14.3
10°	54.8	48.7	42.3	36.2	30.0	25.0	21.5	19.1	17.9	17.7
12.5°	67.6	59.2	51.1	43.1	35.8	30.2	25.8	23.0	21.7	21.7
15°	80.7	70.3	60.0	50.3	41.7	34.8	29.4	25.8	24.2	24.0
17.5°	92.2	80.5	68.2	56.6	46.3	37.6	31.2	26.8	24.8	24.6
20°	105.3	90.4	76.3	62.0	49.9	39.7	32.2	27.2	24.6	24.4
22.5°	119.2	102.3	84.8	68.2	53.6	41.9	33.2	27.6	24.8	24.4
25°	134.9	114.7	93.6	74.3	57.4	43.9	34.2	28.0	25.0	24.6
27.5°	149.8	127.4	102.9	80.1	60.8	45.7	35.0	28.4	25.2	24.8
30°	165.7	139.9	112.1	86.2	64.4	47.5	35.8	28.6	25.2	24.8
32.5°	181.8	152.0	121.6	91.8	67.4	48.7	36.2	28.8	25.4	25.0
35°	198.9	165.1	130.5	97.6	70.1	49.9	36.6	29.0	25.4	25.0
37.5°	214.6	177.6	139.3	102.5	72.5	50.9	37.0	29.0	25.6	25.2
40°	228.7	189.0	147.0	106.9	74.5	51.5	37.2	29.2	25.8	25.4
42.5°	242.6	200.1	154.0	110.5	76.1	51.9	37.4	29.4	26.0	25.6
45°	254.9	209.4	160.4	113.9	77.3	52.3	37.6	29.6	26.2	25.8
47.5°	265.9	218.2	166.3	116.6	78.1	52.5	37.8	29.8	26.6	26.2
50°	276.4	226.5	170.9	118.8	78.9	52.7	37.8	30.2	27.2	26.8
52.5°	285.3	233.3	175.1	120.6	79.3	52.9	38.2	30.6	27.6	27.4
55°	293.1	239.2	178.8	122.0	79.7	52.9	38.5	31.2	28.4	28.0
57.5°	299.4	244.0	181.4	122.8	79.7	53.1	38.7	32.0	29.2	28.8
60°	305.0	248.2	183.8	123.8	79.9	53.3	39.3	32.8	30.2	30.0
62.5°	309.6	251.4	185.6	124.4	80.1	53.8	40.1	33.8	31.2	31.0
65°	313.2	254.1	187.0	124.8	80.3	54.2	40.9	34.8	32.6	32.4
67.5°	315.5	256.1	188.0	125.0	80.5	54.8	41.9	36.2	34.0	33.6
70°	*317.3*	*257.3*	*188.6*	*125.2*	*80.9*	*55.4*	*43.1*	*37.4*	*35.4*	*35.2*
71°	317.7	257.5	188.8	125.2	81.1	55.8	43.5	38.0	36.0	35.8
72.5°	317.9	257.7	188.8	125.2	81.3	56.4	44.3	38.9	37.0	36.8
75°	317.7	257.5	188.6	125.2	81.7	57.4	45.7	40.3	38.5	38.3
77.5°	316.3	256.7	188.0	125.2	82.3	58.6	47.3	42.3	40.3	40.1
80°	313.9	255.1	187.0	125.0	82.9	60.0	48.9	44.1	42.1	41.9
82.5°	310.8	252.7	185.6	125.0	83.7	61.2	50.5	45.7	44.1	43.9
85°	306.6	250.0	184.2	124.8	84.6	62.8	52.5	47.9	46.3	45.9
87.5°	301.6	246.6	182.6	124.8	85.6	64.6	54.4	49.9	48.3	47.9
90°	296.1	242.8	181.0	124.8	86.8	66.4	56.6	52.1	50.3	50.1
92.5°	290.5	239.2	179.4	125.0	88.4	68.4	58.8	54.4	52.7	52.7
95°	284.1	234.9	177.6	125.4	90.0	70.5	61.4	56.8	55.0	54.8
97.5°	277.8	230.9	176.2	126.0	91.8	73.1	63.8	59.4	57.6	57.2
100°	270.6	226.7	174.9	126.8	94.0	75.5	66.4	62.0	60.2	60.0
102.5°	263.7	222.1	173.3	127.8	96.2	78.3	69.1	64.6	62.8	62.6
105°	256.1	217.4	171.5	128.6	98.4	80.9	71.7	67.0	65.0	65.0
107.5°	248.8	212.4	169.7	129.6	100.5	83.5	74.1	69.3	67.2	67.0

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

Scaled Data Report

REPORT NUMBER: P1223940
CATALOG NUMBER: FFX-CLB-20-727-U-VM9-T4-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
110°	240.4	207.0	167.5	130.1	102.5	85.6	76.3	71.1	68.9	68.8
112.5°	232.9	201.3	165.1	130.3	104.3	87.6	78.1	72.7	70.5	70.1
115°	223.3	195.3	161.9	130.0	105.3	89.2	79.3	73.7	71.3	70.9
117.5°	214.2	188.6	158.6	129.0	105.9	90.0	80.1	74.3	71.7	71.3
120°	204.9	181.0	153.8	127.2	105.3	90.0	80.1	73.9	71.3	71.1
122.5°	194.3	173.1	148.8	124.6	104.3	89.2	79.3	73.3	70.5	70.3
125°	183.4	164.5	142.9	121.0	102.3	88.0	78.1	72.1	69.3	69.1
127.5°	172.9	155.8	136.7	116.8	99.5	86.0	76.5	70.3	67.6	67.2
130°	162.5	146.6	129.8	111.9	96.2	83.5	74.3	68.6	65.8	65.4
132.5°	151.8	137.9	122.8	107.1	92.6	80.7	71.9	66.4	63.8	63.4
135°	141.7	128.8	115.2	101.3	88.4	77.5	69.3	64.2	61.6	61.4
137.5°	131.9	120.2	108.3	95.8	84.2	74.3	66.8	62.0	59.6	59.2
140°	122.0	111.9	101.1	90.4	79.7	70.9	64.2	59.6	57.4	57.0
142.5°	113.5	103.9	94.4	84.4	75.3	67.4	61.4	57.2	55.4	55.2
145°	104.5	96.2	87.6	79.1	71.1	64.2	58.8	55.2	53.5	53.3
147.5°	96.6	88.6	81.3	73.9	67.0	60.8	56.2	53.3	51.9	51.7
150°	88.4	82.1	75.7	68.9	63.0	57.8	54.0	51.5	50.1	49.9
152.5°	81.3	75.9	70.1	65.0	59.4	55.2	52.1	49.7	48.7	48.5
155°	75.1	70.5	65.8	61.0	56.6	53.3	50.5	48.5	47.7	47.7
157.5°	69.7	65.8	61.8	57.8	54.2	51.3	49.1	47.7	46.9	46.7
160°	64.6	61.4	57.8	54.8	52.1	49.9	48.1	46.9	46.3	46.1
162.5°	60.4	57.6	55.2	52.7	50.5	48.7	47.3	46.3	45.9	45.9
165°	56.8	54.8	52.7	50.9	49.1	47.7	46.7	46.1	45.7	45.7
167.5°	54.0	52.3	50.9	49.3	48.1	47.1	46.3	45.9	45.7	45.5
170°	51.7	50.5	49.3	48.3	47.3	46.7	46.1	45.9	45.7	45.7
172.5°	49.9	49.1	48.3	47.5	46.9	46.3	46.1	45.9	45.9	45.9
175°	48.5	48.1	47.5	47.1	46.7	46.5	46.3	46.3	46.3	46.3
177.5°	47.9	47.5	47.3	47.1	46.9	46.9	46.9	47.1	47.1	47.1
180°	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9

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: SP1-2501-332-3

Test Date: 03/21/2025

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: v7.04

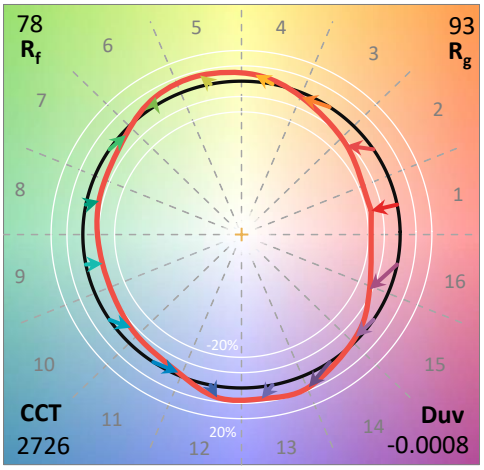
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2501-332-3
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-100-727-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2726
CIE u':	0.2616
CIE v':	0.5257
Duv:	-0.0008
CIE x:	0.4564
CIE y:	0.4077
CIE z:	0.1358
Peak Wavelength (nm):	599
Dominant Wavelength (nm):	584
Purity:	59.39437
Rf:	77.8
Rg:	93.1

CRI (Ra):	72.7
R1:	69.3
R2:	86.2
R3:	92.5
R4:	67.2
R5:	69.7
R6:	82.9
R7:	74.2
R8:	39.5
R9:	-32.4
R10:	70.6
R11:	63.6
R12:	64.8
R13:	72.8
R14:	96.1
R15:	60.3



Test Conditions

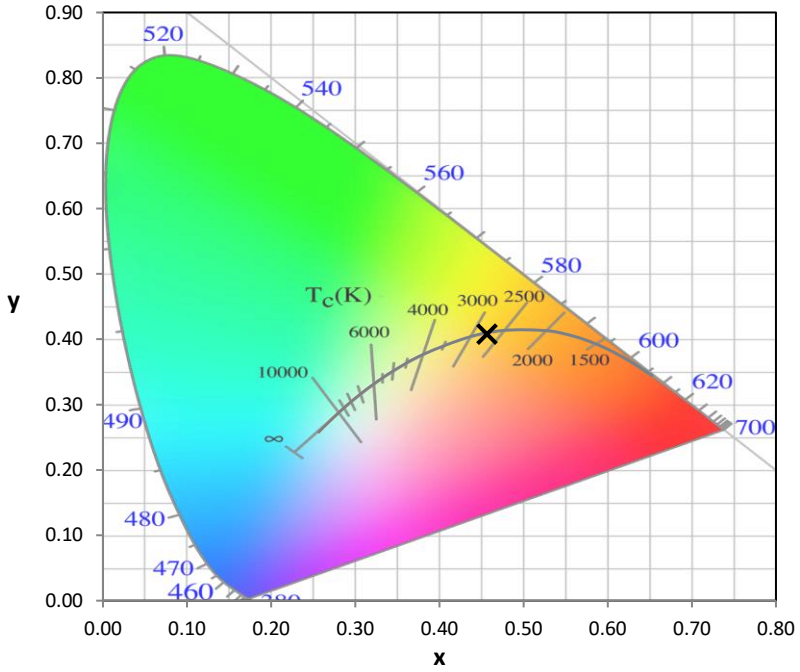
Stabilization Time:	75M
Operation Time:	2H 15M
Sphere Temperature (°C):	24.9

REPORT NUMBER: SP1-2501-332-3

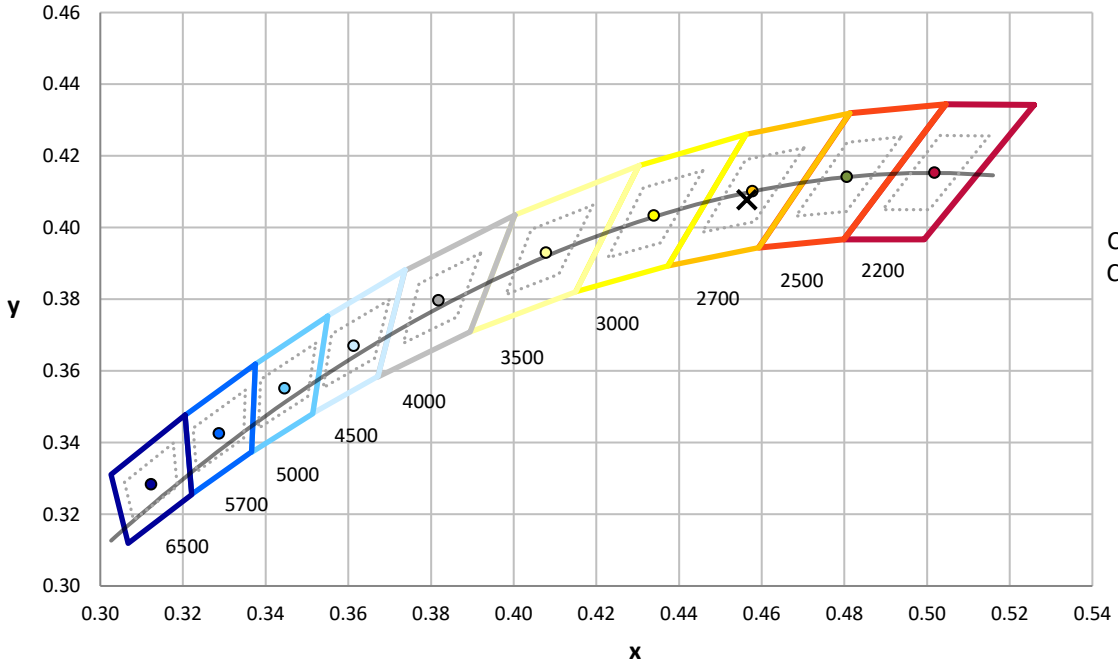
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2501-332-3

CIE 1931 Chromaticity Diagram



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

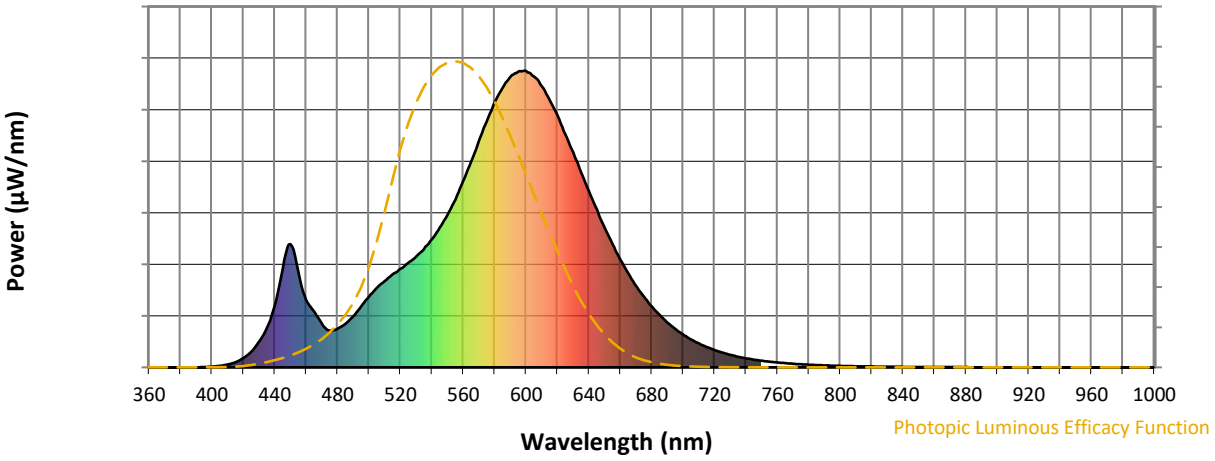


CCT = 2726K
CIE x = 0.4564
CIE y = 0.4077
Duv = -0.0008

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2501-332-3

Photopic Flux vs. Wavelength

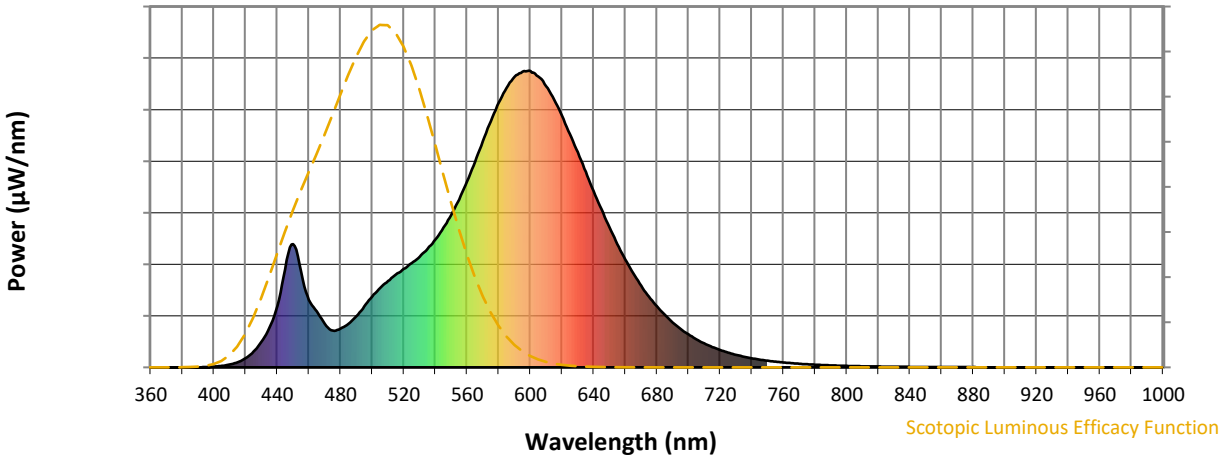


Photopic Lumens: NR

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-3

Scotopic Flux vs. Wavelength

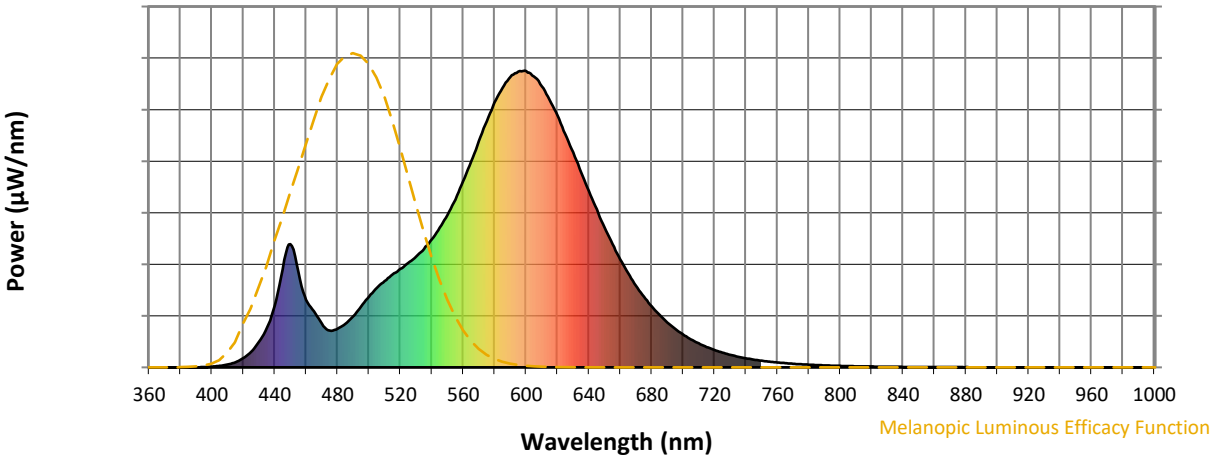


Scotopic Lumens: NR **S/P: 1.16**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP1-2501-332-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.15**

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	172	NR	620	849	NR	750	22	NR	880	1	NR
365	0	NR	495	205	NR	625	786	NR	755	19	NR	885	0	NR
370	0	NR	500	239	NR	630	724	NR	760	17	NR	890	0	NR
375	0	NR	505	268	NR	635	659	NR	765	14	NR	895	0	NR
380	0	NR	510	291	NR	640	594	NR	770	12	NR	900	0	NR
385	0	NR	515	313	NR	645	533	NR	775	10	NR	905	0	NR
390	0	NR	520	332	NR	650	472	NR	780	9	NR	910	0	NR
395	1	NR	525	352	NR	655	416	NR	785	8	NR	915	0	NR
400	3	NR	530	374	NR	660	364	NR	790	7	NR	920	0	NR
405	5	NR	535	399	NR	665	317	NR	795	6	NR	925	0	NR
410	10	NR	540	432	NR	670	275	NR	800	5	NR	930	0	NR
415	18	NR	545	471	NR	675	238	NR	805	4	NR	935	0	NR
420	31	NR	550	513	NR	680	206	NR	810	4	NR	940	0	NR
425	52	NR	555	565	NR	685	177	NR	815	3	NR	945	0	NR
430	86	NR	560	628	NR	690	151	NR	820	3	NR	950	0	NR
435	134	NR	565	693	NR	695	130	NR	825	2	NR	955	0	NR
440	207	NR	570	763	NR	700	111	NR	830	2	NR	960	0	NR
445	330	NR	575	829	NR	705	94	NR	835	2	NR	965	0	NR
450	415	NR	580	893	NR	710	80	NR	840	2	NR	970	0	NR
455	323	NR	585	942	NR	715	68	NR	845	1	NR	975	0	NR
460	228	NR	590	979	NR	720	58	NR	850	1	NR	980	0	NR
465	189	NR	595	996	NR	725	50	NR	855	1	NR	985	0	NR
470	146	NR	600	998	NR	730	43	NR	860	1	NR	990	0	NR
475	125	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	131	NR	610	947	NR	740	31	NR	870	1	NR	1000	0	NR
485	147	NR	615	902	NR	745	26	NR	875	1	NR			

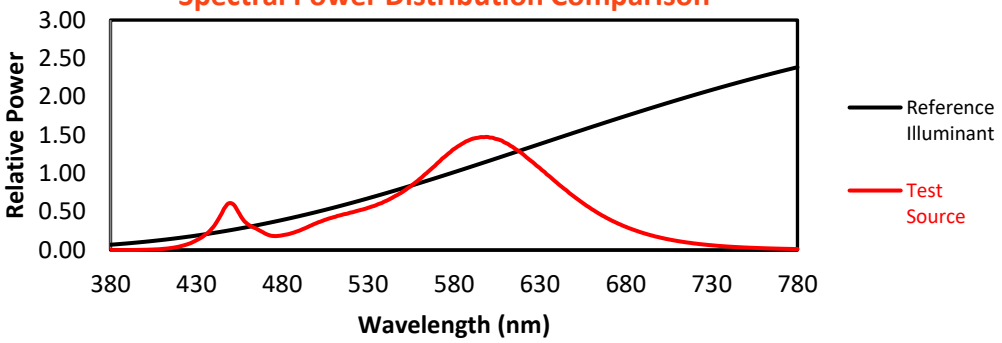
REPORT NUMBER: SP1-2501-332-3

TM-30-18

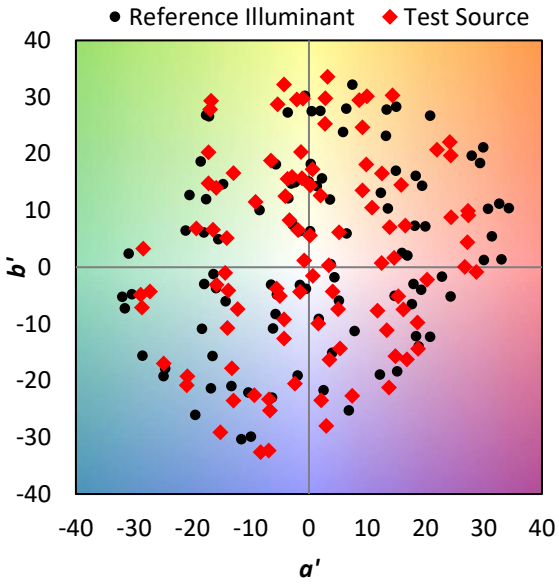
Summary

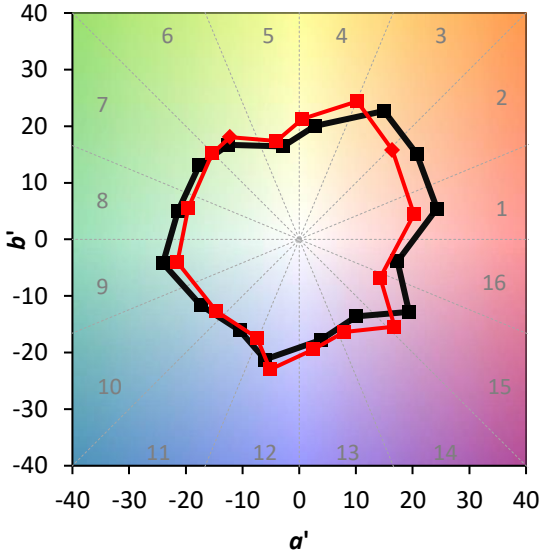
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R_g = 93.1
CIE R_a = 72.7
R_9 = -32.4

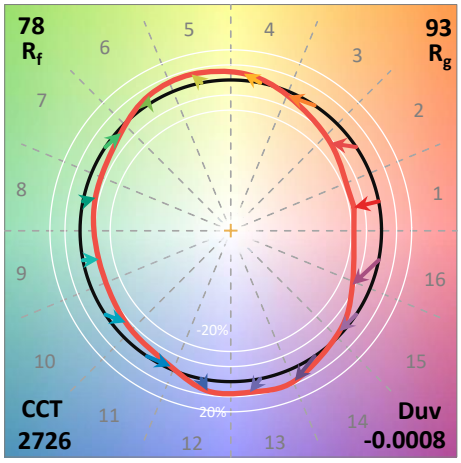
Spectral Power Distribution Comparison

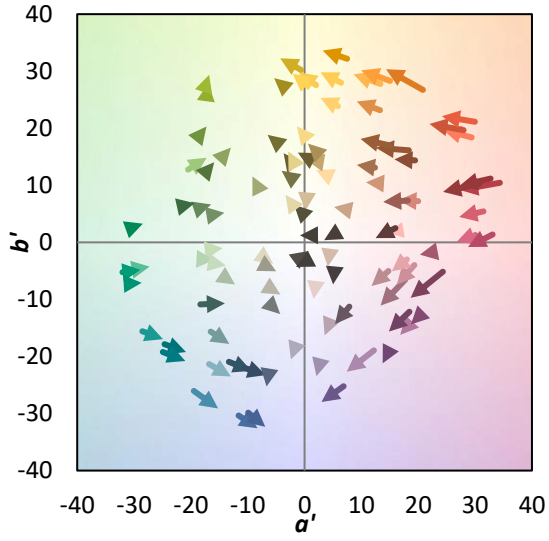


Color Vector Graphics







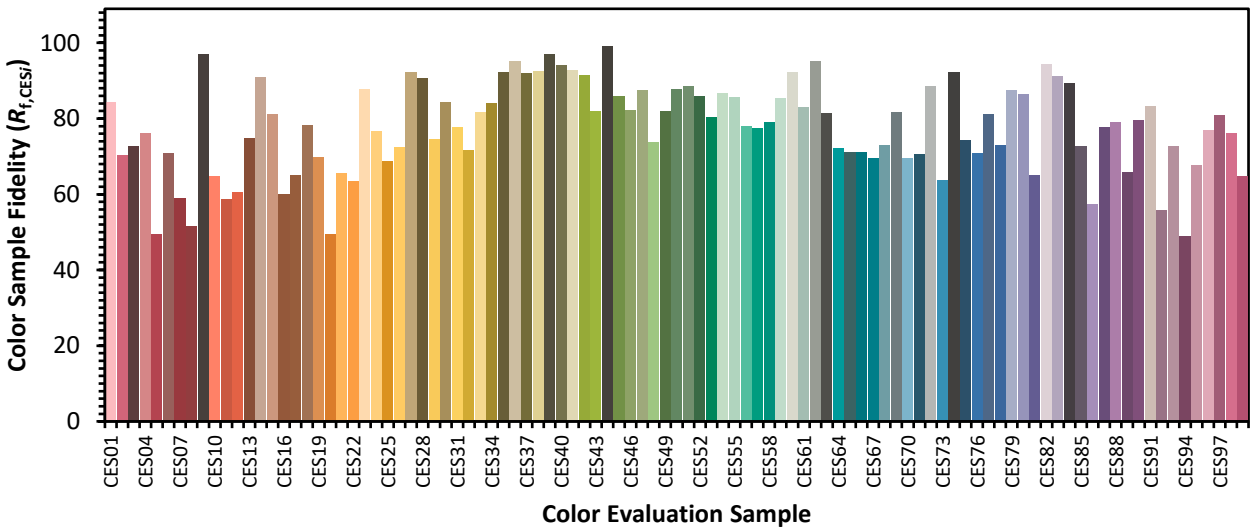


REPORT NUMBER: SP1-2501-332-3

TM-30-18

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

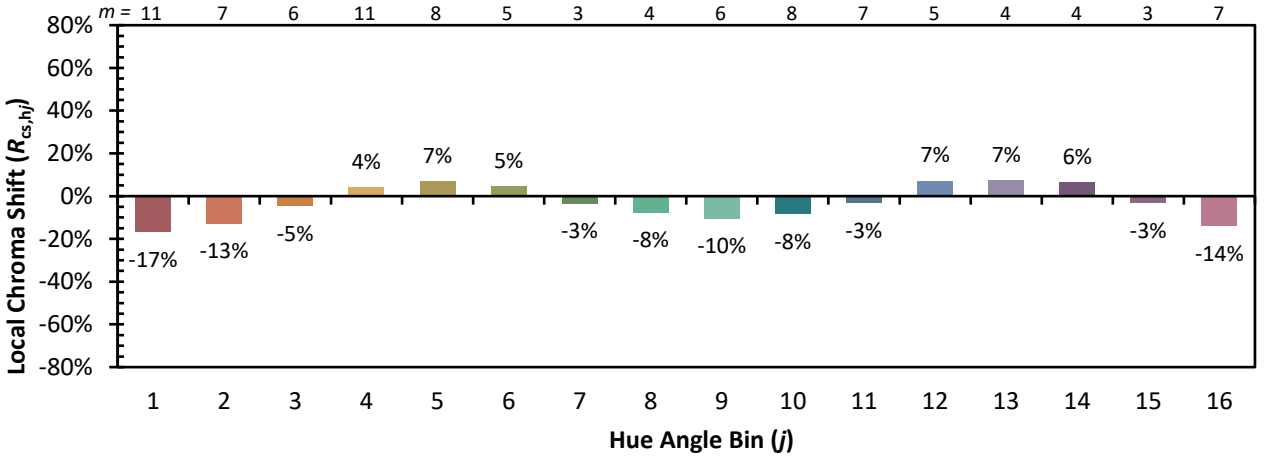
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CES02 = 63	CES27 = 92	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 91	CES53 = 80	CES78 = 73
CES04 = 71	CES29 = 75	CES54 = 87	CES79 = 88
CES05 = 50	CES30 = 84	CES55 = 86	CES80 = 87
CES06 = 52	CES31 = 78	CES56 = 78	CES81 = 65
CES07 = 42	CES32 = 72	CES57 = 77	CES82 = 94
CES08 = 41	CES33 = 82	CES58 = 79	CES83 = 91
CES09 = 29	CES34 = 84	CES59 = 85	CES84 = 89
CES10 = 77	CES35 = 92	CES60 = 92	CES85 = 73
CES11 = 60	CES36 = 95	CES61 = 83	CES86 = 57
CES12 = 66	CES37 = 92	CES62 = 95	CES87 = 78
CES13 = 44	CES38 = 93	CES63 = 82	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 72	CES89 = 66
CES15 = 72	CES40 = 94	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 93	CES66 = 71	CES91 = 83
CES17 = 51	CES42 = 92	CES67 = 69	CES92 = 56
CES18 = 57	CES43 = 82	CES68 = 73	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 82	CES94 = 49
CES20 = 67	CES45 = 86	CES70 = 70	CES95 = 68
CES21 = 87	CES46 = 82	CES71 = 71	CES96 = 77
CES22 = 80	CES47 = 88	CES72 = 89	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 64	CES98 = 76
CES24 = 91	CES49 = 82	CES74 = 92	CES99 = 65
CES25 = 73	CES50 = 88	CES75 = 74	

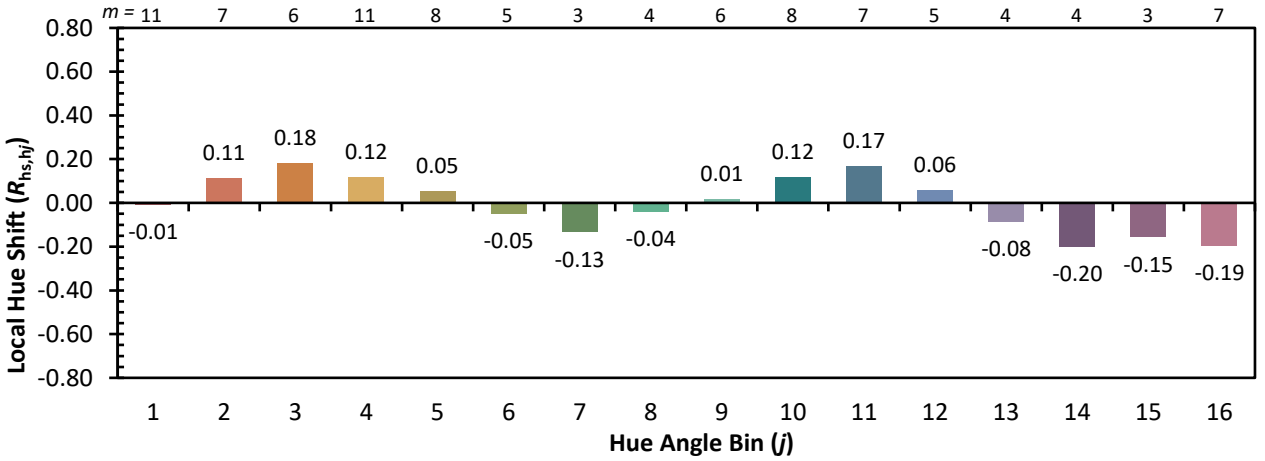


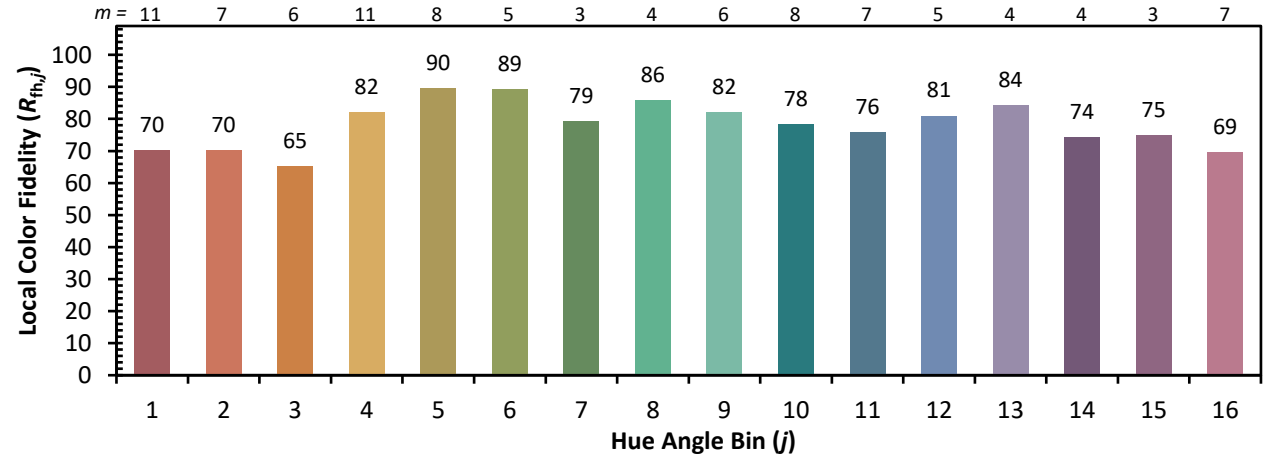
REPORT NUMBER: SP1-2501-332-3

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Color Rendition by Hue-Angle Bin



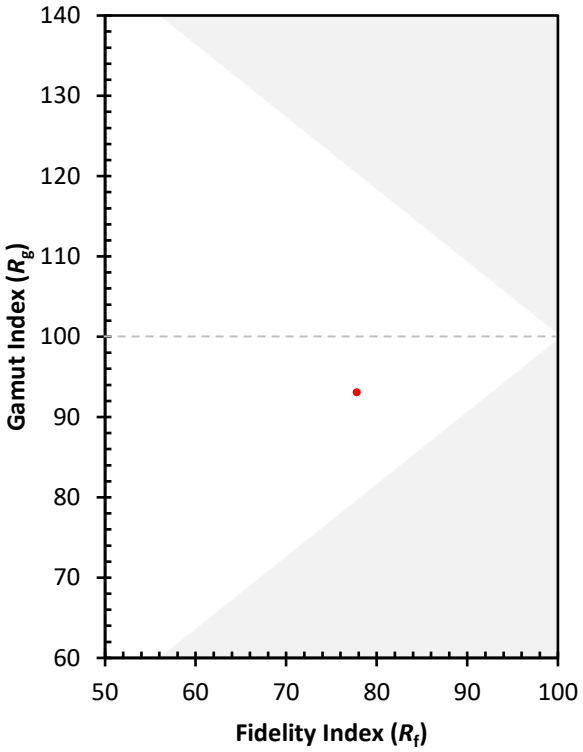


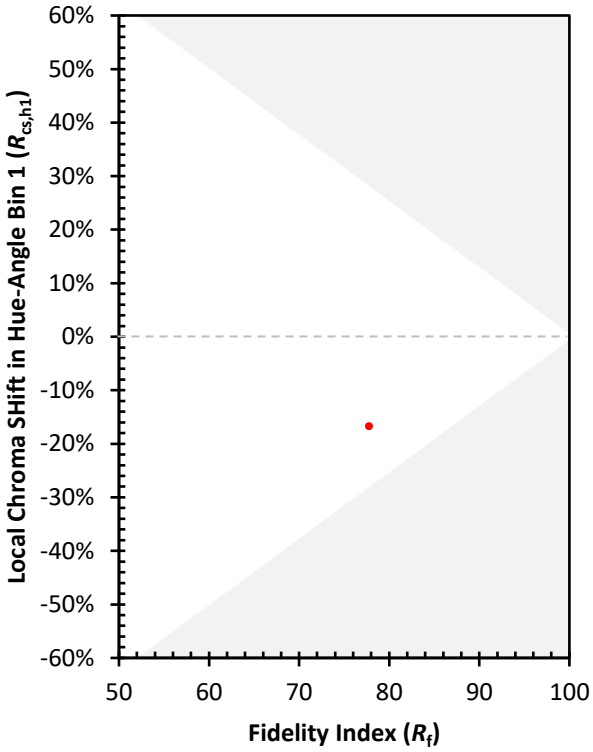


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Measure Comparisons





(END OF REPORT)