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: P856370

Luminaire Tested: **FFX-CLB-20-750-U-VM8**

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:	P856370
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-750-U-VM8
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3203.4 lumens
Efficiency:	N/A
Efficacy:	164.3 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B1 - U5 - G2

Input Watts (W):	19.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	9.8%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P856370
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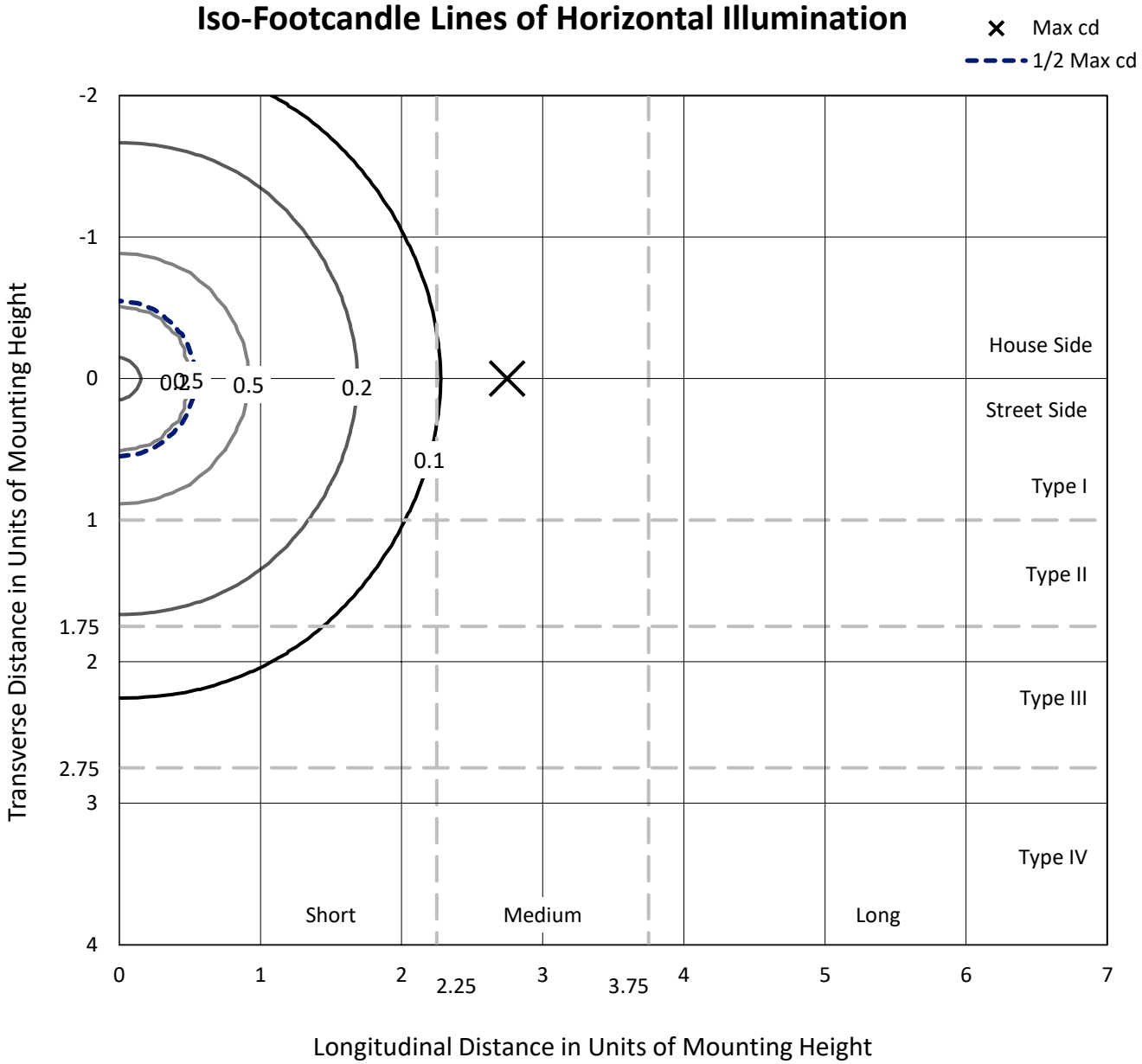
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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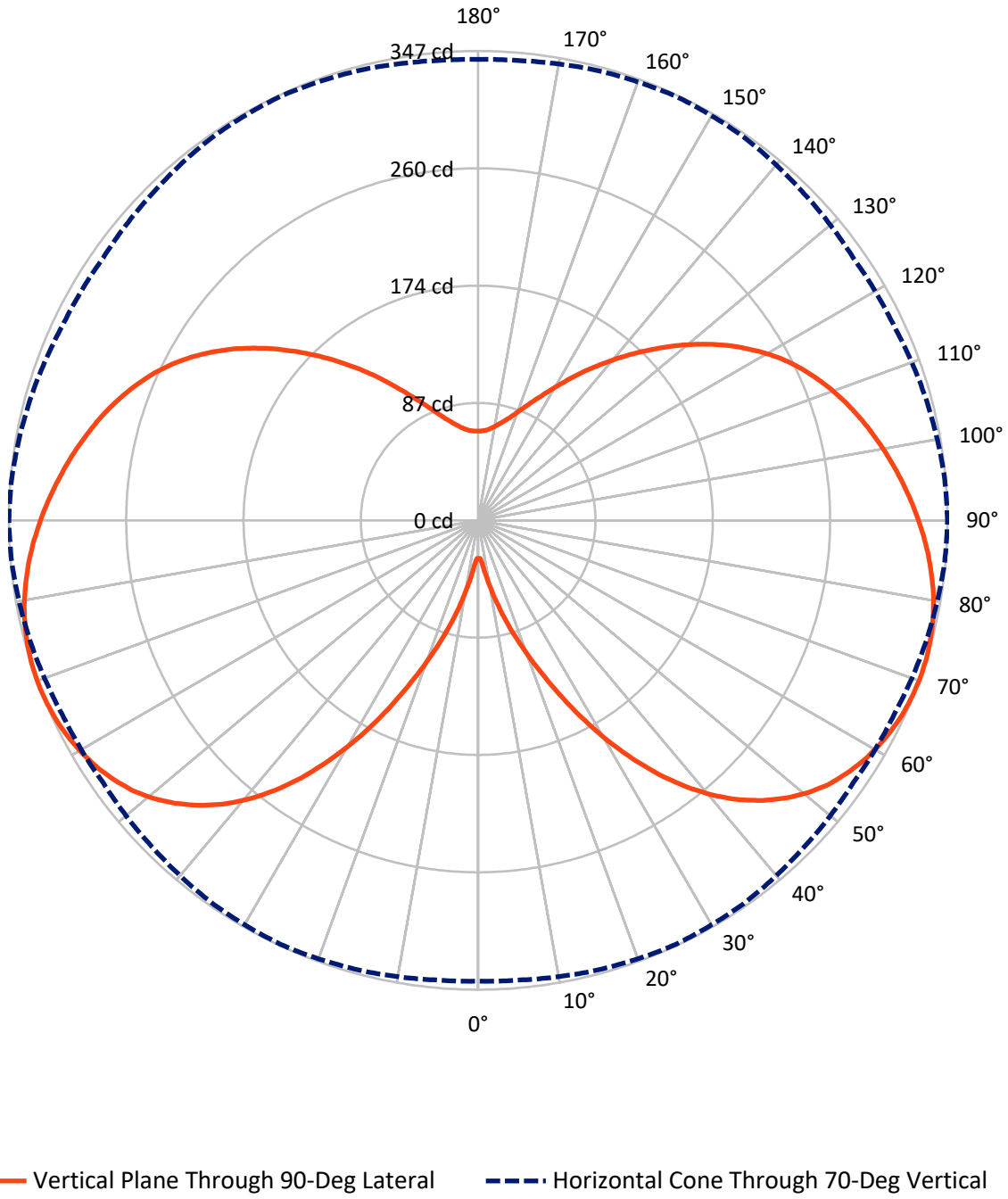
Luminous Intensity Polar Plot



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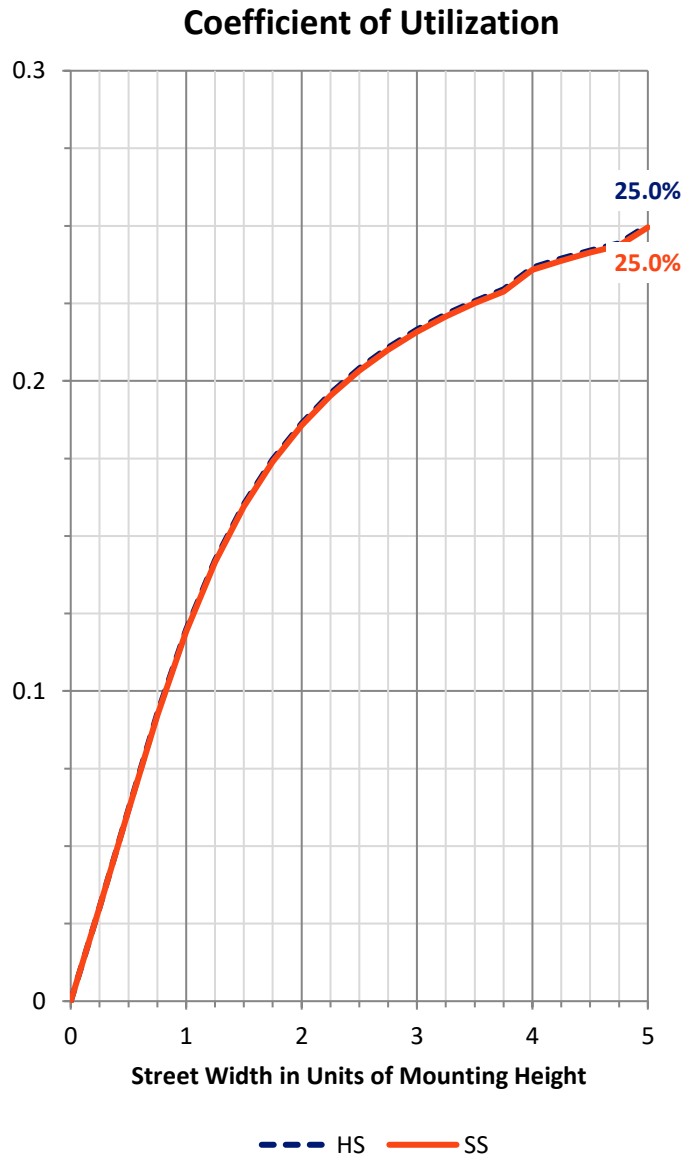
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	907.2	694.5	1601.7
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	907.2	694.5	1601.7
	% Fixture	28.3	21.7	50.0
Total	Lumens	1814.4	1389.1	3203.4
	% Fixture	56.6	43.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.1
10°-20°	22.9	0.7
20°-30°	68.4	2.1
30°-40°	143.1	4.5
40°-50°	224.6	7.0
50°-60°	291.5	9.1
60°-70°	337.4	10.5
70°-80°	361.2	11.3
80°-90°	361.5	11.3
90°-100°	340.9	10.6
100°-110°	305.0	9.5
110°-120°	256.5	8.0
120°-130°	196.7	6.1
130°-140°	134.6	4.2
140°-150°	82.1	2.6
150°-160°	44.9	1.4
160°-170°	21.8	0.7
170°-180°	6.5	0.2
0°-90°	1814.4	56.6
0°-180°	3203.4	100.0



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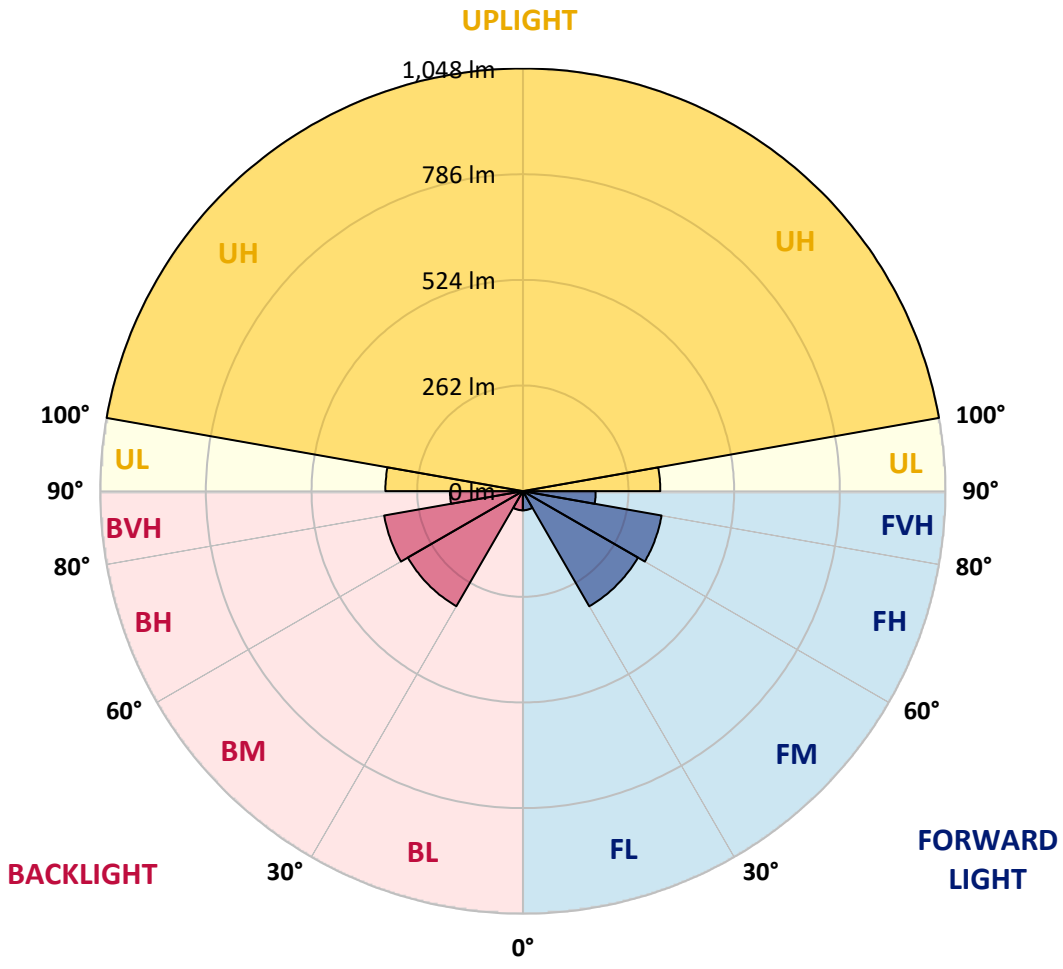
REPORT NUMBER: P856370
CATALOG NUMBER: FFX-CLB-20-750-U-VM8

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	47.6	1.5			
FM	(30°-60°)	329.6	10.3			
FH	(60°-80°)	349.3	10.9			G0/660
FVH	(80°-90°)	180.8	5.6			G2/225
BL	(0°-30°)	47.6	1.5	B0/110		
BM	(30°-60°)	329.6	10.3	B1/1000		
BH	(60°-80°)	349.3	10.9	B1/500		G0/660
BVH	(80°-90°)	180.8	5.6			G2/225
UL	(90°-100°)	340.9	10.6		U3/500	
UH	(100°-180°)	1048.1	32.7		U5	

BUG Rating: B1-U5-G2
Type V Short



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Scaled Data Report

REPORT NUMBER: P856370
CATALOG NUMBER: FFX-CLB-20-750-U-VM8

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	*28.1*
2.5°	29.4	29.4	29.2	29.2	28.9	28.7	28.7	28.7	28.5	28.5	*28.3*
5°	33.5	33.3	33.3	33.1	33.3	33.1	33.1	33.1	33.1	32.6	*32.6*
7.5°	41.5	41.3	41.3	41.1	41.5	41.1	41.1	41.3	41.3	41.1	*41.1*
10°	51.9	51.7	51.7	51.3	51.7	51.5	51.5	51.1	51.3	51.1	*51.3*
12.5°	64.5	63.8	63.8	63.6	64.1	63.8	63.6	63.2	63.6	63.4	*63.4*
15°	77.4	77.6	77.4	77.2	77.6	77.6	77.4	77.0	77.4	77.0	*77.2*
17.5°	91.8	91.8	91.8	91.2	91.8	92.0	91.8	91.4	91.6	91.8	*91.8*
20°	107.4	107.4	107.6	107.2	108.2	107.6	107.4	107.2	107.4	107.6	*107.8*
22.5°	124.6	124.6	124.8	124.6	125.2	125.2	125.0	125.0	125.2	125.6	*125.6*
25°	143.7	143.9	143.9	143.3	144.7	145.2	144.7	144.7	145.2	145.8	*145.8*
27.5°	163.4	164.2	163.8	163.8	165.7	165.9	165.7	165.9	166.5	167.1	*167.3*
30°	183.7	184.4	185.2	184.6	186.6	186.8	187.0	187.2	188.1	189.1	*189.1*
32.5°	204.1	204.7	205.1	205.1	207.8	207.6	207.4	208.2	209.4	209.8	*210.4*
35°	224.4	224.4	224.8	225.0	227.7	227.5	227.9	228.5	229.7	230.6	*231.0*
37.5°	242.7	242.3	243.3	243.7	245.7	246.0	246.2	247.2	248.6	249.7	*250.1*
40°	259.3	258.9	260.1	260.7	262.6	262.6	263.0	264.2	265.9	266.9	*267.1*
42.5°	274.1	273.9	275.1	275.9	277.8	277.6	277.4	279.0	280.9	282.1	*282.5*
45°	286.8	286.6	288.2	289.3	290.7	290.3	290.3	291.7	293.8	295.2	*295.4*
47.5°	297.7	297.7	299.5	300.8	302.0	301.4	301.0	302.4	304.5	306.5	*306.7*
50°	307.3	307.1	309.2	310.6	311.7	310.8	310.2	311.7	313.9	316.0	*316.4*
52.5°	314.9	315.3	317.4	319.2	320.1	318.8	317.8	319.2	321.7	324.0	*324.4*
55°	321.5	321.7	324.0	326.2	326.6	325.0	323.8	325.0	327.7	330.1	*330.5*
57.5°	326.6	327.1	329.7	331.8	332.0	330.1	328.7	329.7	332.6	335.1	*335.7*
60°	331.2	331.6	334.0	336.3	336.5	334.2	332.4	333.2	336.3	339.2	*339.6*
62.5°	334.6	335.3	337.9	340.0	340.0	337.3	335.1	335.9	339.2	342.2	*342.7*
65°	337.5	338.1	340.8	342.9	342.7	339.6	337.1	337.9	341.4	344.5	*345.1*
67.5°	339.6	340.0	342.9	344.9	344.1	340.8	338.3	339.0	342.7	345.7	*346.3*
70°	*340.8*	*341.2*	*344.1*	*345.9*	*344.7*	*341.2*	*338.5*	*339.4*	*343.1*	*346.3*	*347.0*
72.5°	341.4	342.0	344.7	346.3	344.9	341.0	338.1	339.2	342.9	346.3	*346.8*
75°	341.2	341.6	344.3	345.7	343.9	340.2	337.1	338.1	342.0	345.1	*345.7*
77.5°	340.2	340.6	343.1	344.3	342.0	338.3	335.5	336.5	340.2	343.3	*343.9*
80°	338.5	339.0	341.2	342.0	339.8	336.1	333.4	334.4	337.9	340.8	*341.4*
82.5°	335.9	336.5	338.5	339.0	336.5	333.2	330.5	331.6	334.9	337.5	*337.9*
85°	332.6	333.0	334.9	335.1	332.6	329.7	327.5	328.5	331.4	333.4	*334.0*
87.5°	328.9	328.9	330.7	330.7	328.1	325.4	323.8	324.6	327.3	328.9	*329.5*
90°	324.4	324.6	325.8	325.6	323.1	320.9	319.5	320.5	322.7	324.2	*324.6*
92.5°	319.5	319.7	320.7	320.3	317.8	316.0	314.7	316.0	318.0	319.0	*319.5*
95°	314.1	314.3	315.1	314.3	312.1	310.6	309.6	311.0	312.7	313.7	*314.1*
97.5°	308.6	308.8	309.4	308.6	306.1	304.9	304.5	305.7	307.3	308.2	*308.6*
100°	302.8	302.8	303.2	302.0	299.9	298.9	298.7	300.2	301.8	302.6	*303.0*
102.5°	296.5	296.7	296.7	295.4	293.4	292.8	292.8	294.4	296.0	296.7	*297.1*
105°	289.9	289.9	289.9	288.9	286.6	286.2	286.4	288.0	289.9	290.7	*291.1*
107.5°	282.7	282.9	282.5	281.5	279.6	279.2	279.6	281.9	283.5	284.3	*284.8*
110°	275.1	275.3	275.1	273.9	272.2	272.0	272.6	274.9	276.5	277.4	*278.0*

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Scaled Data Report

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CATALOG NUMBER: FFX-CLB-20-750-U-VM8

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	267.1	267.3	267.1	266.1	264.4	264.4	265.3	267.5	269.4	270.0	*270.6*
115°	258.7	258.9	258.5	257.7	256.0	256.4	257.2	259.5	261.4	262.0	*262.8*
117.5°	249.7	249.9	249.7	248.6	247.2	247.6	248.8	251.1	252.7	253.3	*254.2*
120°	239.8	239.8	239.8	238.8	237.3	238.2	239.4	241.8	243.3	243.7	*244.5*
122.5°	229.7	229.3	229.3	228.7	227.1	228.1	229.3	231.8	233.2	233.4	*234.0*
125°	218.6	218.9	218.2	217.8	216.4	217.6	218.6	221.1	222.3	222.6	*223.2*
127.5°	206.7	207.4	206.7	206.1	205.1	206.3	207.6	209.8	210.8	211.1	*211.5*
130°	195.7	195.7	195.0	194.6	193.6	194.8	196.1	198.1	199.1	199.1	*199.6*
132.5°	184.6	184.0	183.7	183.3	182.1	183.5	184.4	186.4	187.2	187.0	*187.4*
135°	172.5	172.5	171.8	171.6	170.6	172.0	172.9	174.7	175.3	175.1	*175.5*
137.5°	161.2	161.2	160.8	160.3	159.7	161.0	161.8	163.2	163.8	163.2	*163.8*
140°	150.1	150.1	149.9	149.5	148.8	150.1	150.7	151.9	152.5	151.9	*152.3*
142.5°	139.8	139.4	139.2	139.0	138.2	139.4	139.8	141.0	141.2	140.8	*141.5*
145°	128.9	129.1	128.9	128.7	128.1	129.1	129.5	130.6	130.8	130.4	*131.0*
147.5°	119.9	119.3	119.5	119.3	118.7	119.7	119.9	120.5	120.9	120.5	*120.9*
150°	110.9	110.5	110.5	110.2	109.8	110.7	110.9	111.5	111.7	111.3	*111.7*
152.5°	102.9	102.7	102.7	102.4	102.0	102.7	102.9	103.3	103.5	103.1	*103.3*
155°	95.7	95.5	95.5	95.3	94.9	95.5	95.5	95.9	96.1	95.9	*96.1*
157.5°	89.3	89.1	89.1	89.1	88.7	89.1	89.1	89.5	89.5	89.3	*89.5*
160°	84.2	83.8	84.0	83.8	83.4	83.8	83.8	84.0	84.0	84.0	*84.0*
162.5°	79.5	79.5	79.5	79.2	79.0	79.2	79.2	79.5	79.5	79.5	*79.2*
165°	75.8	75.8	75.8	75.6	75.3	75.6	75.6	75.6	75.6	75.6	*75.6*
167.5°	72.7	72.5	72.7	72.5	72.3	72.5	72.5	72.5	72.5	72.5	*72.5*
170°	70.0	70.0	70.0	70.0	69.8	70.0	70.0	70.0	70.0	70.0	*70.0*
172.5°	68.4	68.2	68.2	68.2	68.0	68.2	68.0	68.2	68.0	68.2	*68.0*
175°	66.9	66.9	66.9	66.9	66.7	66.7	66.7	66.7	66.7	66.7	*66.7*
177.5°	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	*66.1*
180°	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	*65.9*

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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

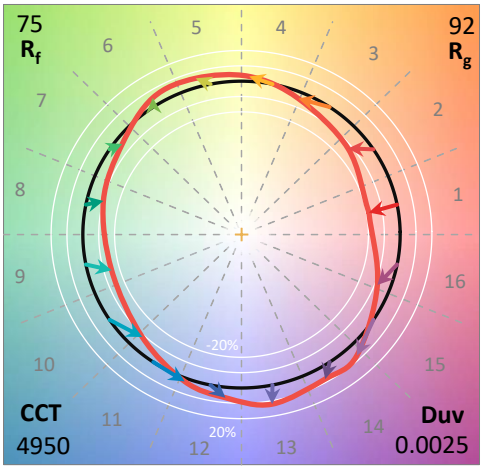
Test Information

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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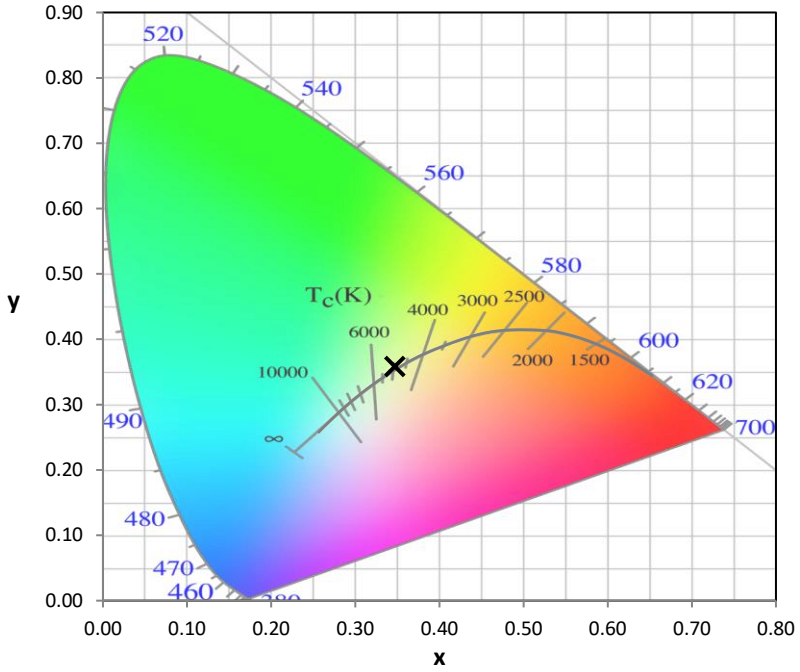
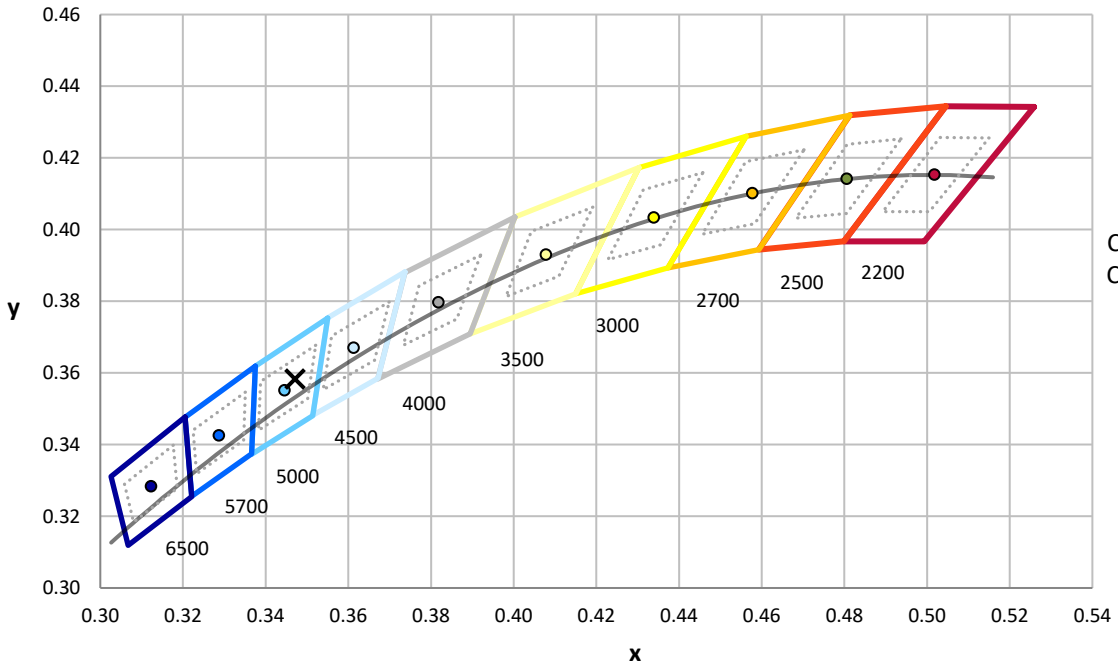
REPORT NUMBER: SP1-2406-133-5

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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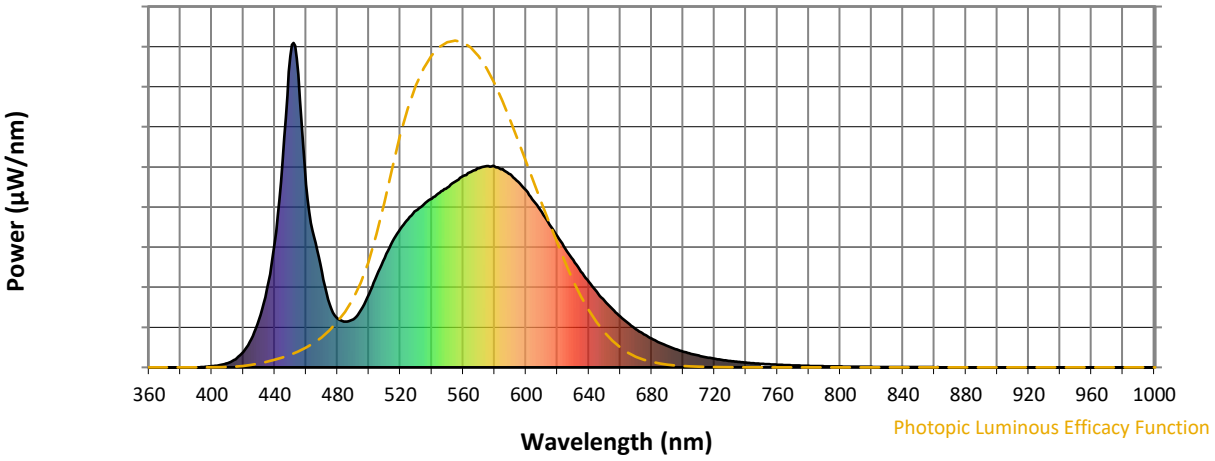
REPORT NUMBER: SP1-2406-133-5

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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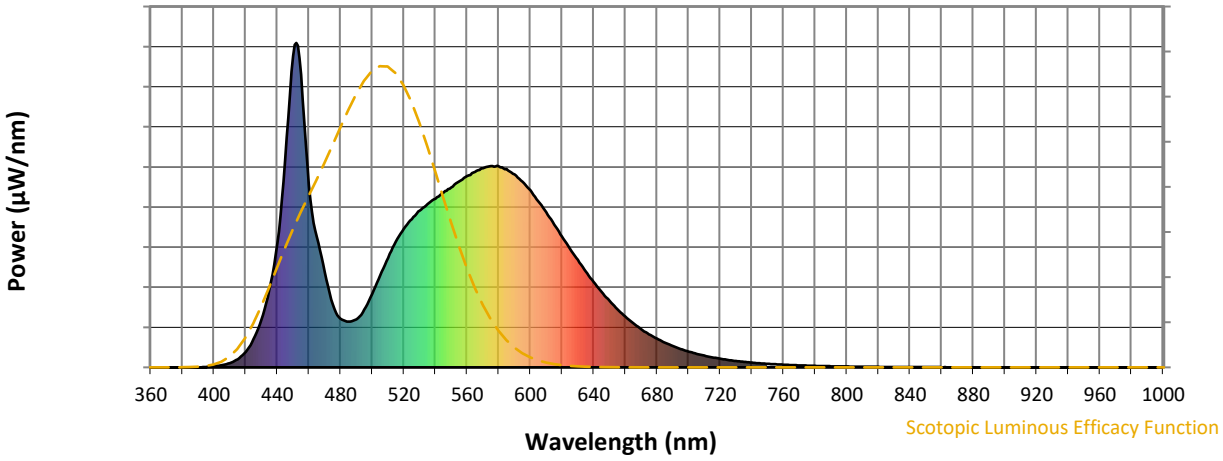
Scotopic Flux vs. Wavelength



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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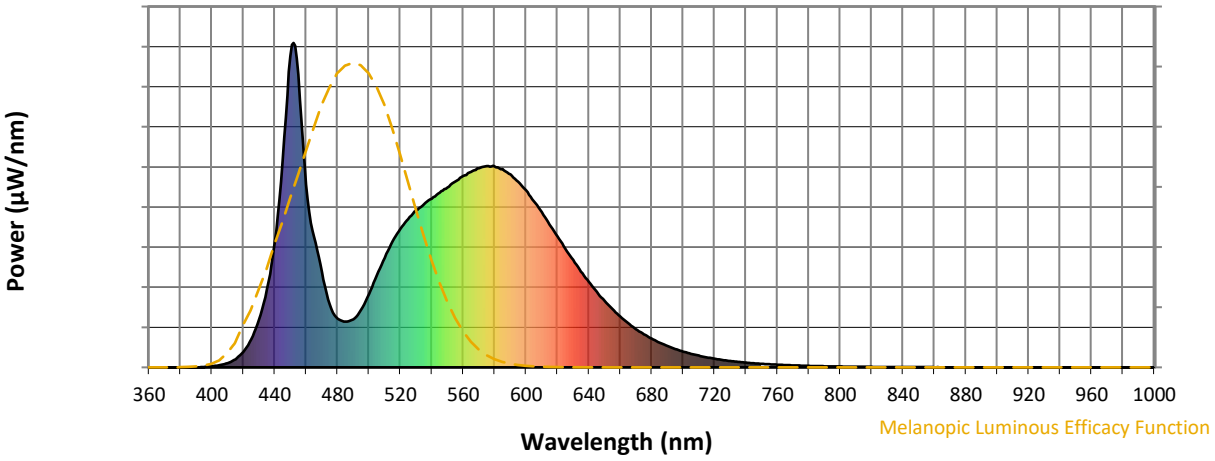
Melanopic Flux vs. Wavelength



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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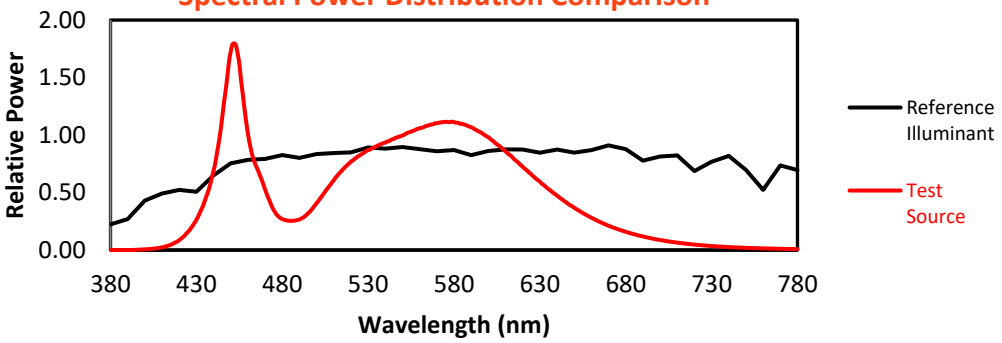
TM-30-18

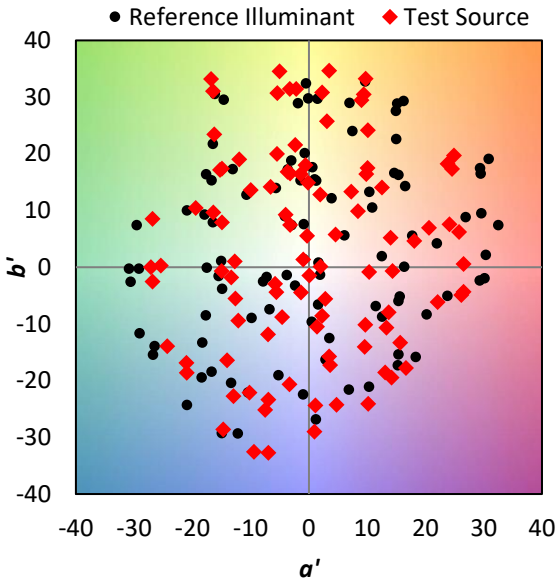
Summary

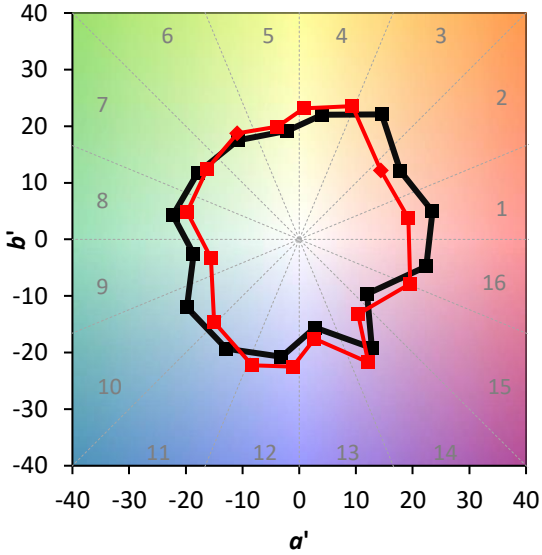
R_f = 74.8
R_g = 92.4
CIE R_a = 73.0
R_9 = -35.4

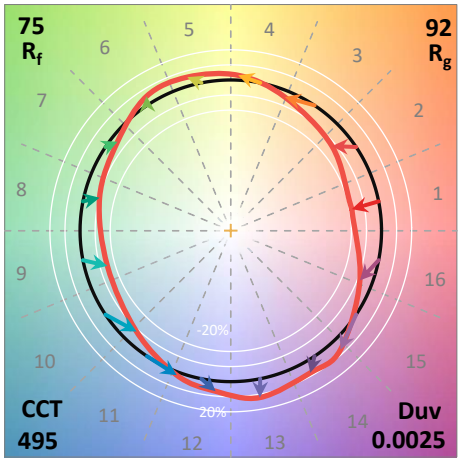
Spectral Power Distribution Comparison

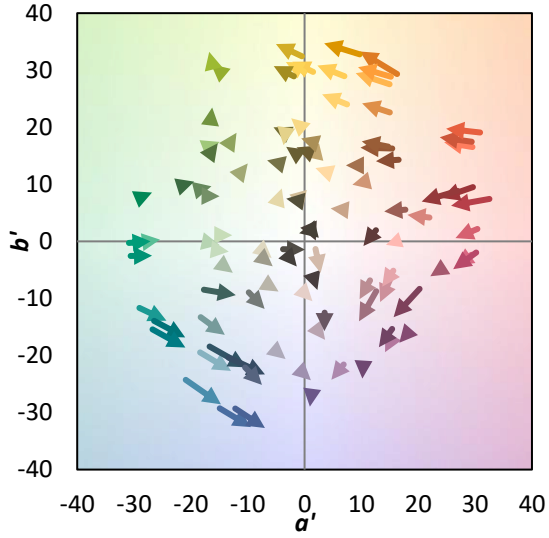


Color Vector Graphics









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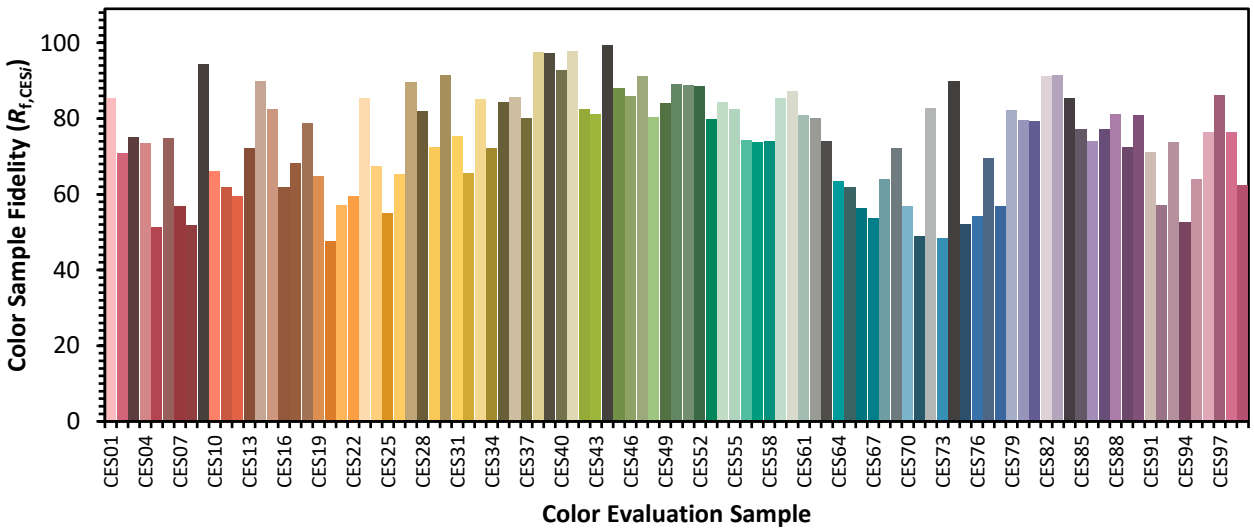
Individual Sample Fidelity Index ($R_{f,i}$)

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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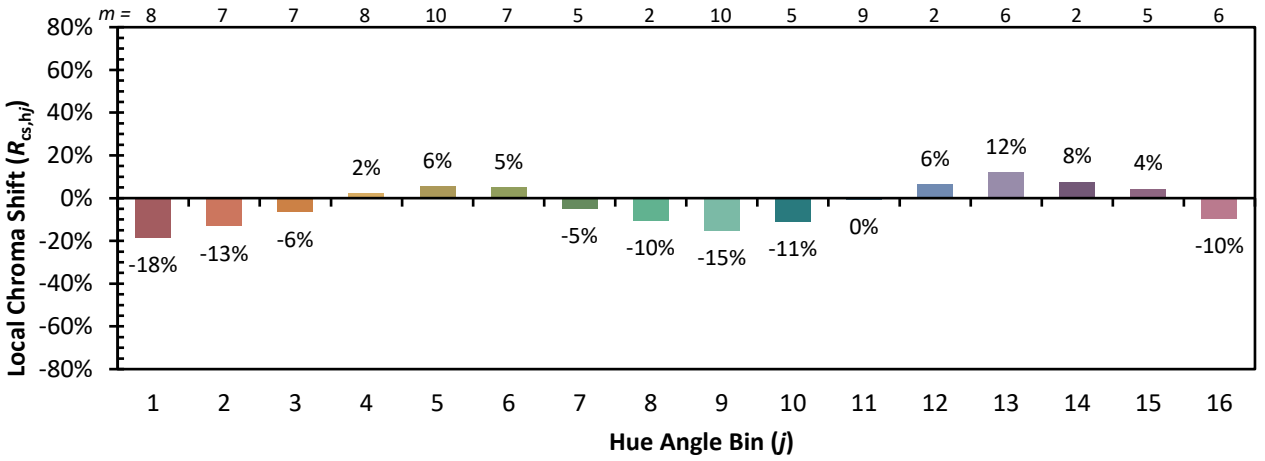
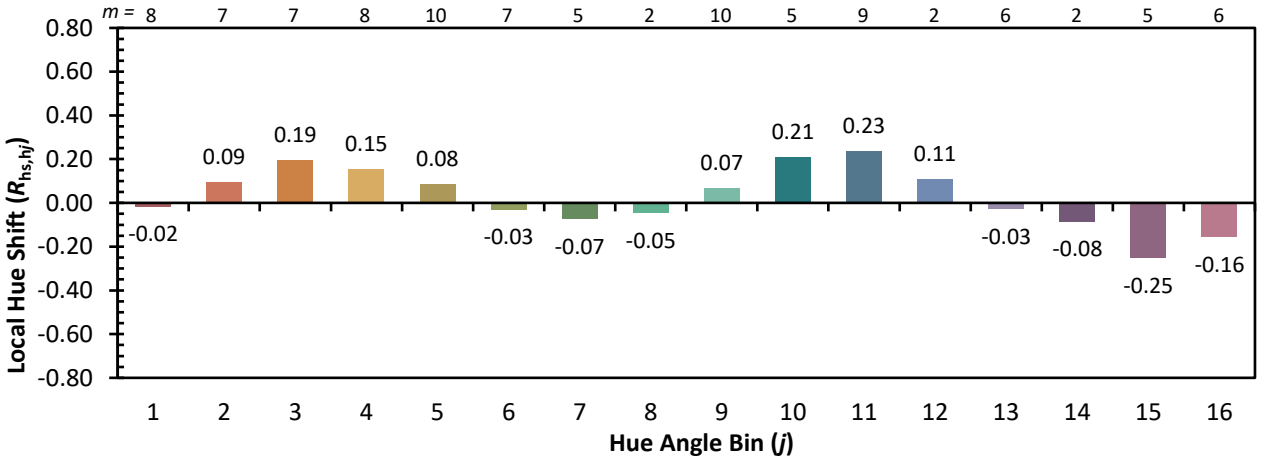
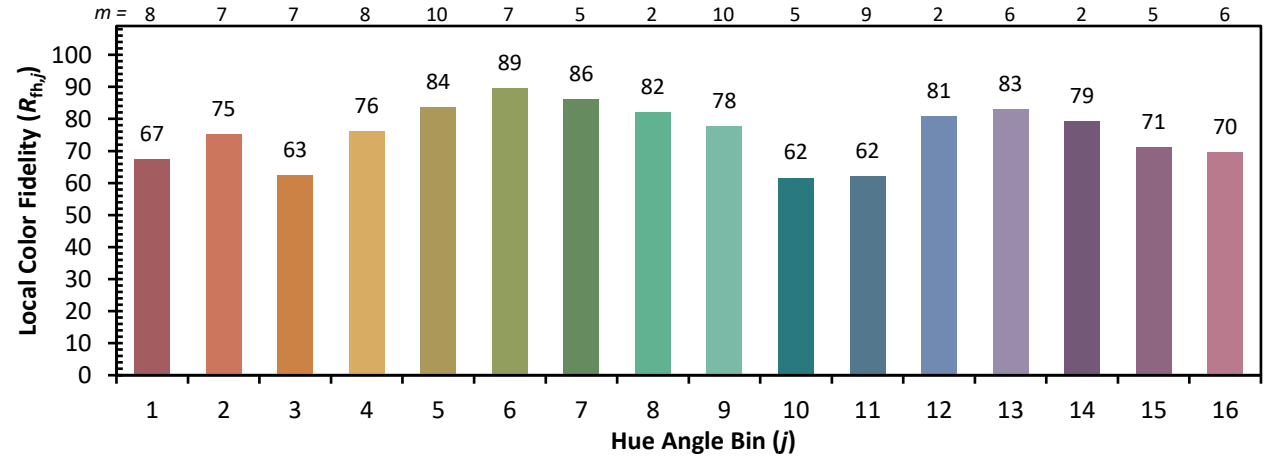
Color Rendition by Hue-Angle Bin







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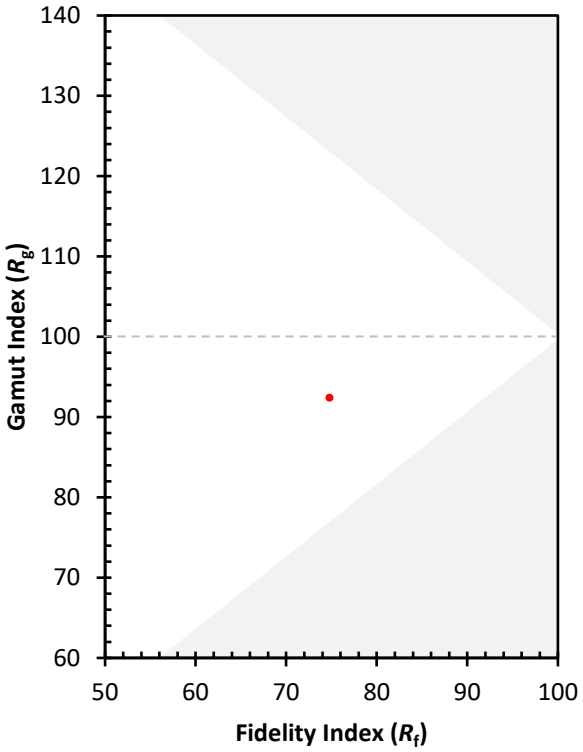
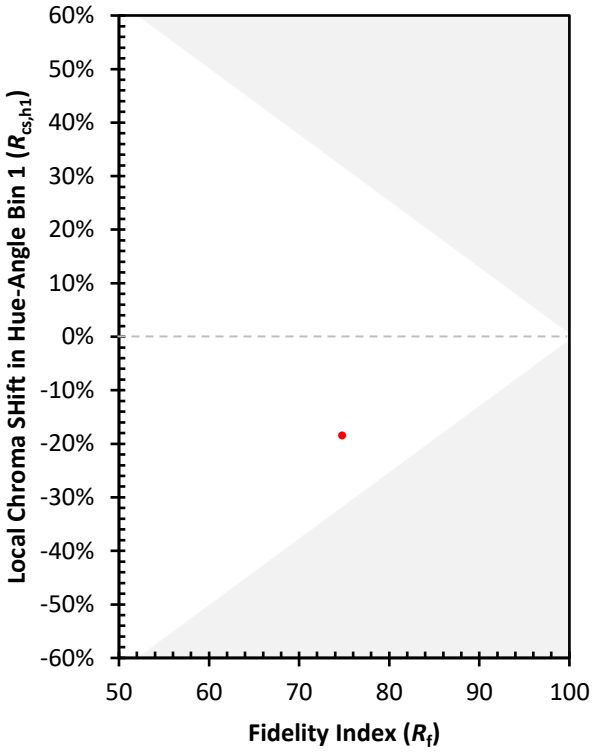
Measure Comparisons





(END OF REPORT)