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: P856325

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

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:	P856325
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-FG
Description:	FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source:	(6) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3336.7 lumens
Efficiency:	N/A
Efficacy:	171.1 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.58' x H: 1.5')
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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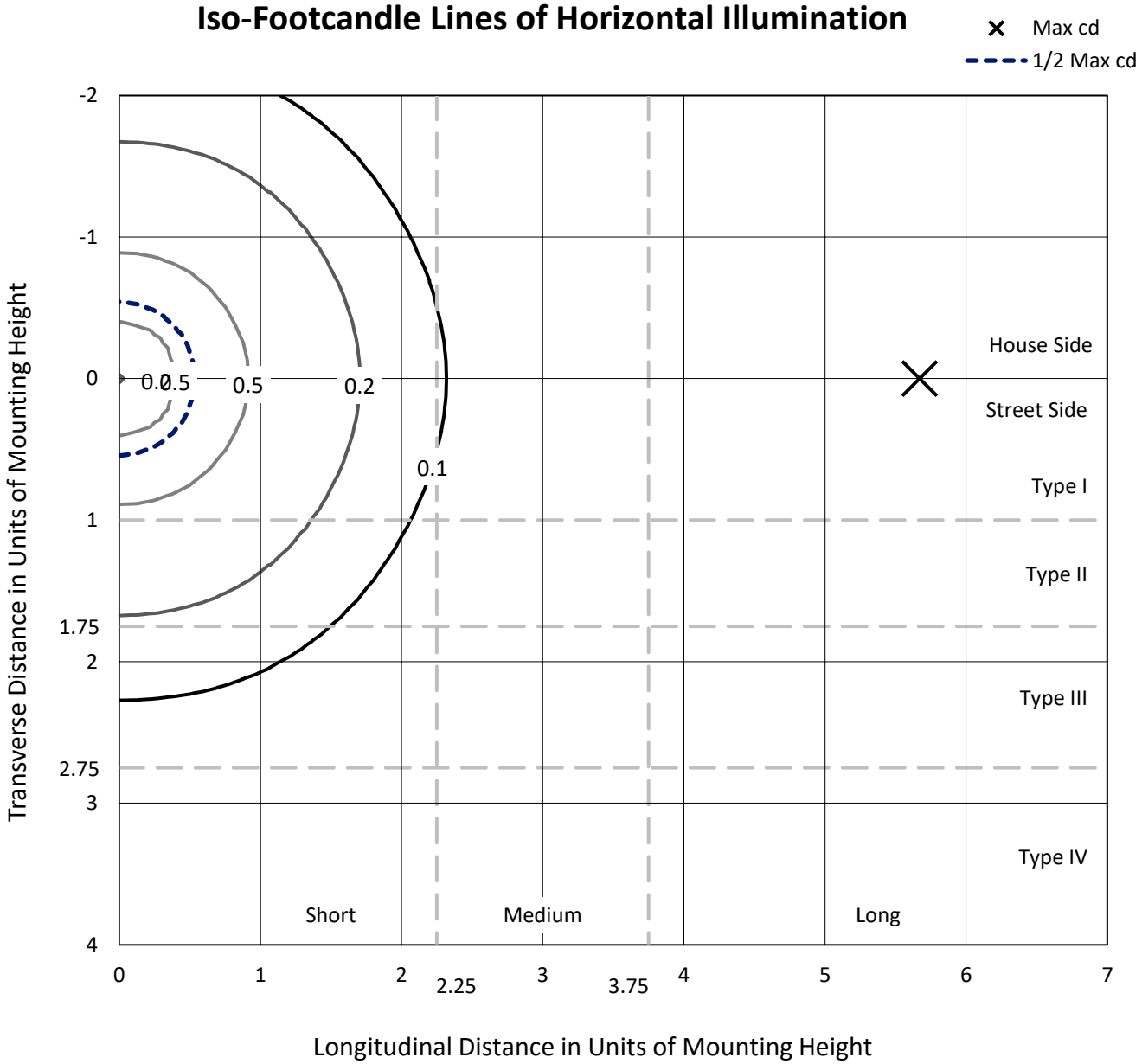
Scaled Data Report

REPORT NUMBER: P856325
CATALOG NUMBER: FFX-CLB-20-750-U-FG

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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REPORT NUMBER: P856325
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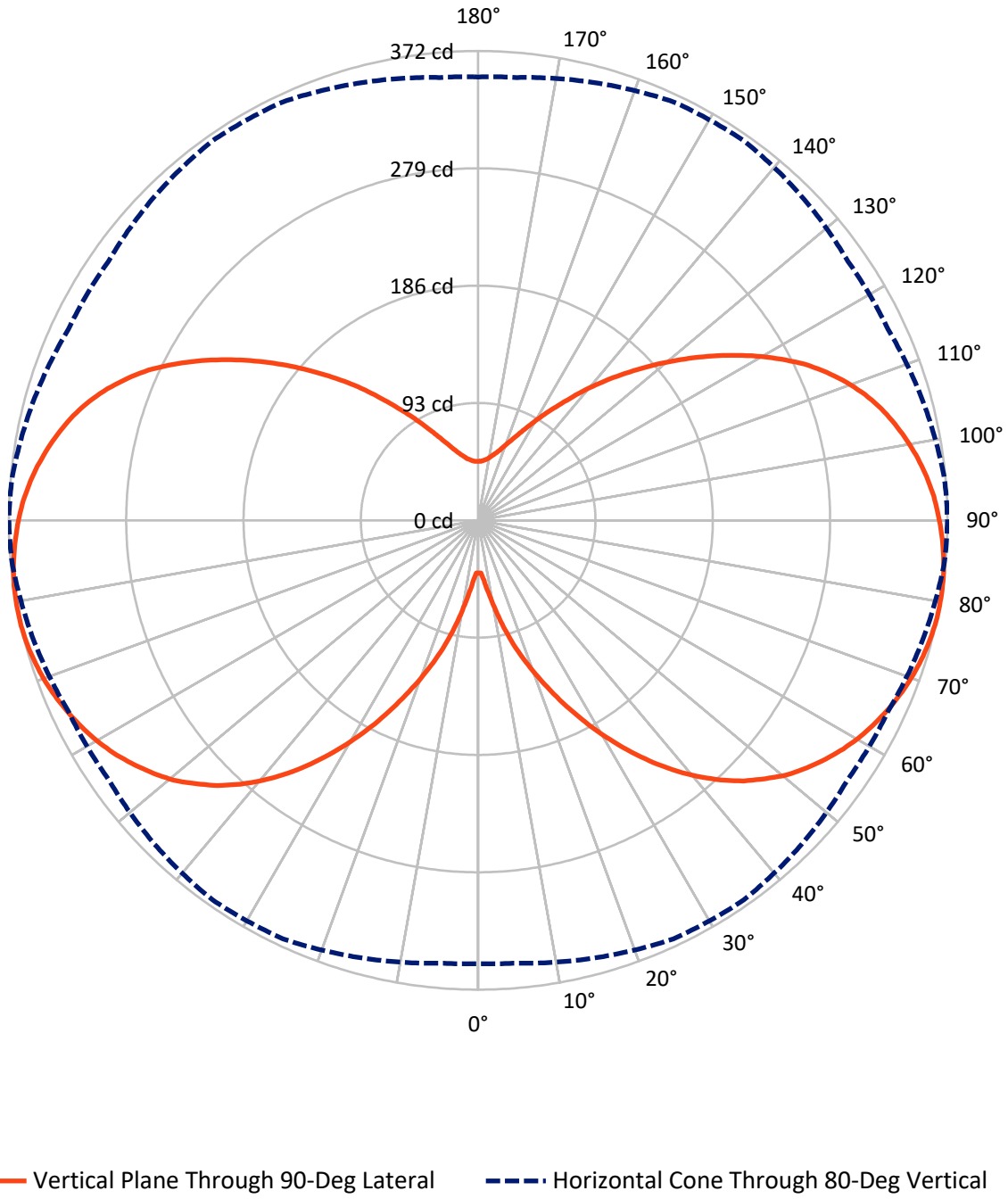
Luminous Intensity Polar Plot



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REPORT NUMBER: P856325
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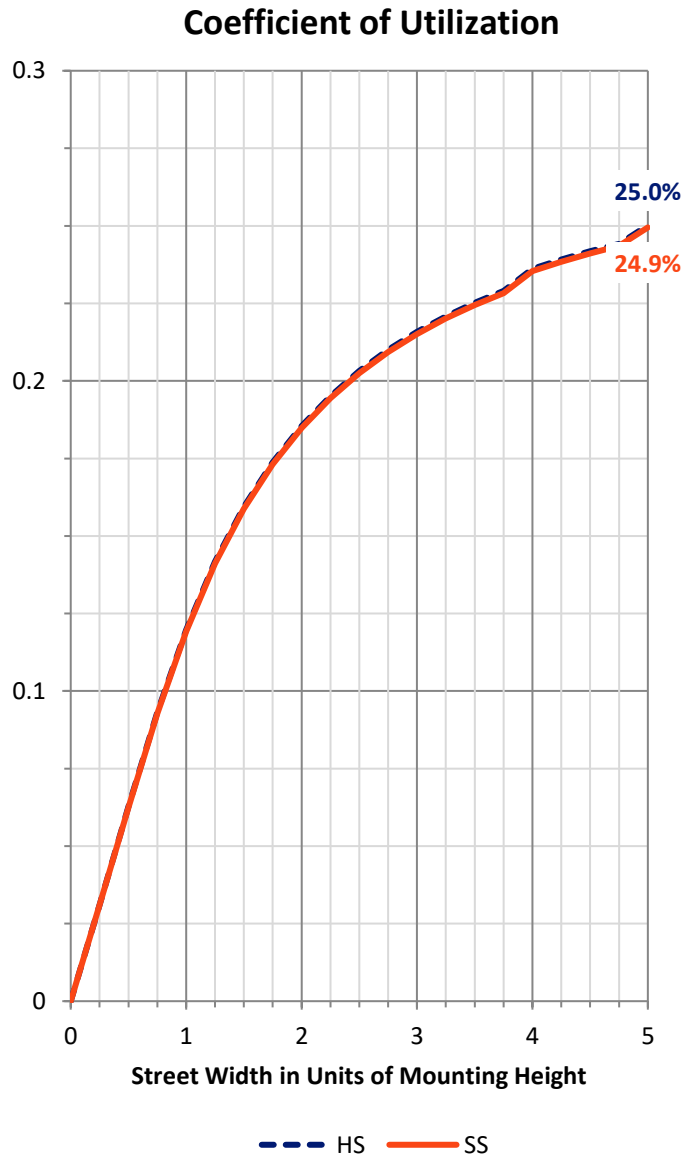
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	949.3	719.0	1668.4
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	949.3	719.0	1668.4
	% Fixture	28.5	21.5	50.0
Total	Lumens	1898.7	1438.1	3336.7
	% Fixture	56.9	43.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.3	0.2
10°-20°	29.1	0.9
20°-30°	76.6	2.3
30°-40°	146.4	4.4
40°-50°	225.0	6.7
50°-60°	294.7	8.8
60°-70°	347.9	10.4
70°-80°	381.6	11.4
80°-90°	392.1	11.8
90°-100°	377.8	11.3
100°-110°	338.7	10.2
110°-120°	275.2	8.2
120°-130°	196.7	5.9
130°-140°	124.4	3.7
140°-150°	69.7	2.1
150°-160°	35.1	1.1
160°-170°	15.9	0.5
170°-180°	4.6	0.1
0°-90°	1898.7	56.9
0°-180°	3336.7	100.0



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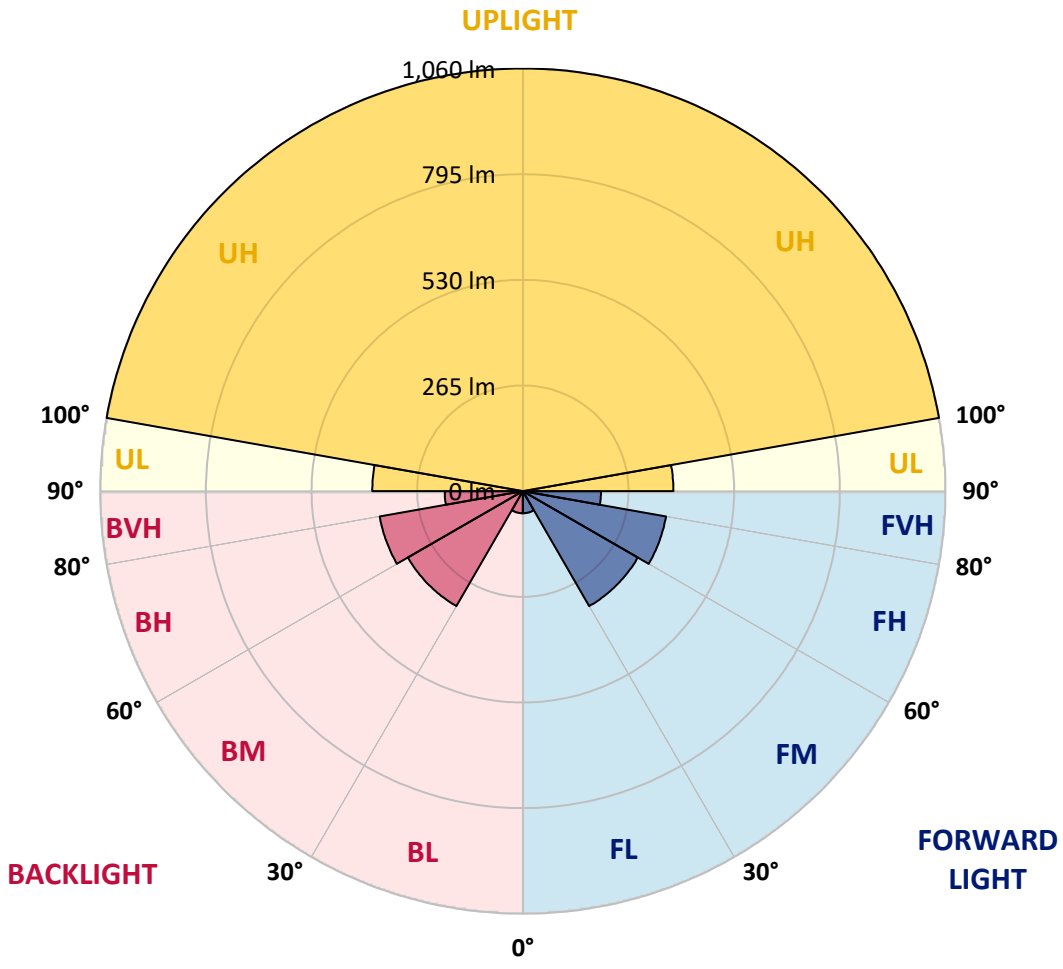
REPORT NUMBER: P856325
CATALOG NUMBER: FFX-CLB-20-750-U-FG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	55.5	1.7			
FM	(30°-60°)	333.0	10.0			
FH	(60°-80°)	364.7	10.9			G0/660
FVH	(80°-90°)	196.1	5.9			G2/225
BL	(0°-30°)	55.5	1.7	B0/110		
BM	(30°-60°)	333.0	10.0	B1/1000		
BH	(60°-80°)	364.7	10.9	B1/500		G0/660
BVH	(80°-90°)	196.1	5.9			G2/225
UL	(90°-100°)	377.8	11.3		U3/500	
UH	(100°-180°)	1060.3	31.8		U5	

BUG Rating: B1-U5-G2
Type V Short



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Scaled Data Report

REPORT NUMBER: P856325
CATALOG NUMBER: FFX-CLB-20-750-U-FG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	*41.9*
2.5°	43.9	43.9	43.7	43.3	43.1	42.9	42.5	41.9	41.7	41.7	*41.7*
5°	47.8	48.0	48.0	47.8	48.0	47.6	47.6	47.2	47.4	47.4	*47.6*
7.5°	57.5	57.5	57.7	57.7	57.9	57.5	57.7	57.5	57.7	57.7	*57.5*
10°	70.0	70.0	70.4	70.0	70.2	69.8	69.6	69.6	70.2	70.0	*69.8*
12.5°	84.2	84.6	84.4	84.2	84.6	84.2	83.8	84.0	84.8	84.4	*84.2*
15°	99.2	99.6	100.0	99.4	99.6	99.4	99.2	99.4	100.2	99.8	*99.6*
17.5°	114.4	114.6	115.0	114.2	114.4	114.6	114.4	114.6	115.2	115.0	*114.8*
20°	129.6	130.0	130.4	129.6	129.8	130.0	129.8	130.0	130.8	130.4	*130.2*
22.5°	145.6	145.8	146.6	145.6	146.0	146.2	145.8	146.2	147.0	146.6	*146.4*
25°	162.2	162.0	163.2	162.4	162.6	163.0	162.6	163.0	164.1	164.1	*163.4*
27.5°	179.3	179.3	180.3	179.7	180.1	179.9	180.3	180.7	181.7	181.9	*181.3*
30°	196.3	196.3	197.9	196.9	197.5	197.7	197.7	198.2	199.4	199.8	*199.0*
32.5°	213.3	213.3	214.2	214.4	214.8	215.0	215.4	215.4	217.0	217.2	*216.8*
35°	230.0	230.0	230.8	231.2	232.2	231.8	232.4	232.4	234.3	234.5	*234.3*
37.5°	245.8	246.0	247.0	247.4	248.3	248.3	248.7	249.1	250.7	251.3	*251.1*
40°	260.8	261.2	262.0	262.8	263.7	263.7	263.9	264.5	266.3	266.9	*266.7*
42.5°	274.3	274.5	275.8	277.0	277.8	277.8	278.0	278.4	280.5	281.3	*281.3*
45°	286.2	286.9	288.5	290.1	291.0	290.8	290.8	291.4	293.6	294.7	*294.7*
47.5°	297.3	298.1	300.0	301.6	302.5	302.5	302.3	302.9	305.3	306.6	*306.0*
50°	307.2	307.8	309.9	312.3	312.9	312.9	312.3	312.9	315.6	317.2	*317.2*
52.5°	315.4	316.0	318.5	321.1	322.0	321.8	320.9	321.6	324.2	326.1	*325.9*
55°	322.4	323.2	325.9	329.2	330.0	329.4	328.3	329.0	331.8	334.3	*334.1*
57.5°	328.7	329.4	332.4	335.9	337.2	336.1	334.7	335.3	338.6	341.3	*341.5*
60°	334.1	334.7	338.2	342.3	343.3	342.1	340.2	340.9	344.6	347.6	*348.0*
62.5°	338.6	339.2	343.1	347.6	349.1	347.2	345.0	345.6	349.7	353.2	*353.4*
65°	342.3	342.9	347.4	352.2	353.6	351.5	348.9	349.5	354.0	357.9	*358.3*
67.5°	345.2	346.0	351.1	356.3	357.5	355.0	351.9	352.6	357.5	362.0	*362.4*
70°	347.6	348.7	354.0	359.5	361.0	358.1	354.4	355.2	360.8	365.3	*365.9*
72.5°	349.5	350.5	356.3	362.2	363.9	360.4	356.3	357.1	363.0	368.0	*368.6*
75°	350.7	351.7	357.9	364.3	365.7	362.0	357.5	358.3	364.5	369.8	*370.6*
77.5°	351.3	352.4	358.9	365.5	366.9	362.6	357.9	358.7	365.1	370.8	*371.7*
80°	*351.3*	*352.2*	*358.9*	*365.9*	*367.1*	*362.8*	*357.7*	*358.3*	*364.9*	*371.0*	*371.9*
82.5°	350.7	351.5	358.5	365.5	366.7	362.0	356.7	357.5	364.3	370.4	*371.5*
85°	349.3	350.1	357.1	364.3	365.5	360.4	354.8	355.6	362.4	369.0	*370.0*
87.5°	347.2	348.3	355.0	362.2	363.2	357.9	352.6	353.0	360.2	366.9	*367.8*
90°	344.8	345.8	352.2	359.3	360.4	355.0	349.5	350.1	357.1	364.1	*364.9*
92.5°	341.9	342.7	348.9	355.4	356.7	351.1	345.8	346.6	353.6	360.6	*361.6*
95°	338.2	338.8	344.6	350.7	351.7	346.8	341.5	342.3	349.3	356.1	*357.1*
97.5°	333.7	334.1	339.2	344.8	346.0	341.3	336.3	337.2	343.9	350.7	*351.9*
100°	328.5	328.7	333.3	338.0	339.0	335.1	330.6	331.6	338.0	345.0	*345.8*
102.5°	322.6	322.6	326.3	330.2	331.4	328.1	324.2	325.3	331.4	338.0	*339.0*
105°	316.0	315.4	318.1	321.1	322.6	320.1	317.2	318.1	323.8	330.2	*331.4*
107.5°	307.8	307.2	309.0	311.7	313.1	311.3	309.0	310.3	315.2	321.1	*322.4*
110°	298.6	297.7	298.6	300.6	302.3	301.0	299.8	300.8	305.5	311.1	*311.9*

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Scaled Data Report

REPORT NUMBER: P856325
CATALOG NUMBER: FFX-CLB-20-750-U-FG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	287.9	286.9	287.1	288.5	289.9	289.7	288.9	290.6	294.5	299.0	*300.0*
115°	275.6	274.5	273.9	274.7	276.0	276.8	277.6	278.6	281.7	285.4	*287.1*
117.5°	262.6	261.0	260.0	260.0	261.4	262.8	264.3	265.7	267.8	271.3	*271.9*
120°	247.6	246.6	245.2	245.2	246.4	247.8	250.1	251.7	253.0	255.4	*256.3*
122.5°	232.9	231.4	230.0	230.0	230.8	232.9	235.9	237.4	238.0	239.4	*240.0*
125°	217.9	216.2	214.6	214.6	215.4	217.5	220.9	222.2	222.6	223.2	*223.8*
127.5°	202.7	201.0	199.6	199.0	200.2	201.8	205.3	207.0	207.2	207.2	*207.6*
130°	187.5	186.2	184.8	184.2	185.4	186.9	190.8	192.4	191.6	191.6	*191.8*
132.5°	173.1	171.9	170.4	170.0	170.8	172.7	176.2	177.6	177.0	176.2	*176.4*
135°	159.1	158.1	156.3	156.1	157.3	158.1	161.4	162.8	162.2	161.4	*161.6*
137.5°	145.8	144.8	143.1	142.9	144.1	145.2	147.6	149.1	148.3	147.4	*147.6*
140°	133.1	131.8	130.6	130.4	131.2	132.2	134.5	135.3	134.5	133.9	*134.1*
142.5°	121.1	120.3	118.9	118.9	119.3	120.1	122.0	122.8	122.0	121.1	*120.7*
145°	109.9	108.8	108.0	107.8	108.2	109.0	110.3	111.1	110.3	109.7	*109.2*
147.5°	99.8	99.0	98.2	98.2	98.4	99.0	100.0	100.2	99.6	99.2	*98.8*
150°	90.6	89.7	89.3	89.1	89.3	89.5	90.3	90.8	90.1	89.7	*89.3*
152.5°	82.1	81.5	81.1	81.3	81.3	81.5	81.7	81.9	81.3	81.3	*80.9*
155°	74.7	74.3	73.9	74.1	74.1	74.1	74.3	74.3	73.9	73.9	*73.7*
157.5°	68.6	68.2	68.0	68.2	68.2	68.0	68.2	68.2	67.8	67.8	*67.6*
160°	63.2	62.8	62.8	62.8	62.8	62.6	63.0	62.8	62.6	62.4	*62.4*
162.5°	58.9	58.5	58.5	58.7	58.5	58.5	58.5	58.5	58.3	58.3	*58.1*
165°	55.4	55.0	55.0	55.2	55.0	55.0	55.0	55.0	54.8	54.8	*54.8*
167.5°	52.6	52.4	52.4	52.4	52.4	52.2	52.4	52.4	52.2	52.2	*52.2*
170°	50.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	49.9	*49.9*
172.5°	48.9	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.5	48.5	*48.5*
175°	47.8	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.4	*47.4*
177.5°	47.2	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	46.8	*46.8*
180°	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	*46.8*

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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

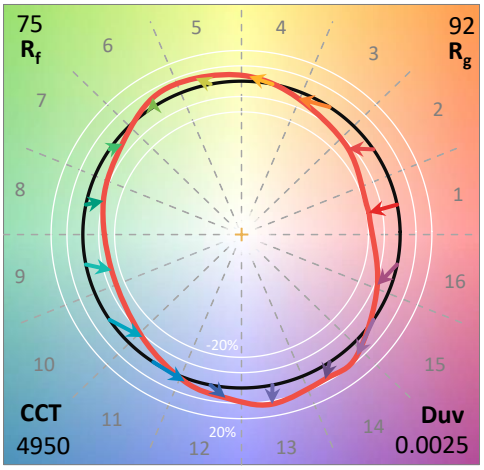
Test Information

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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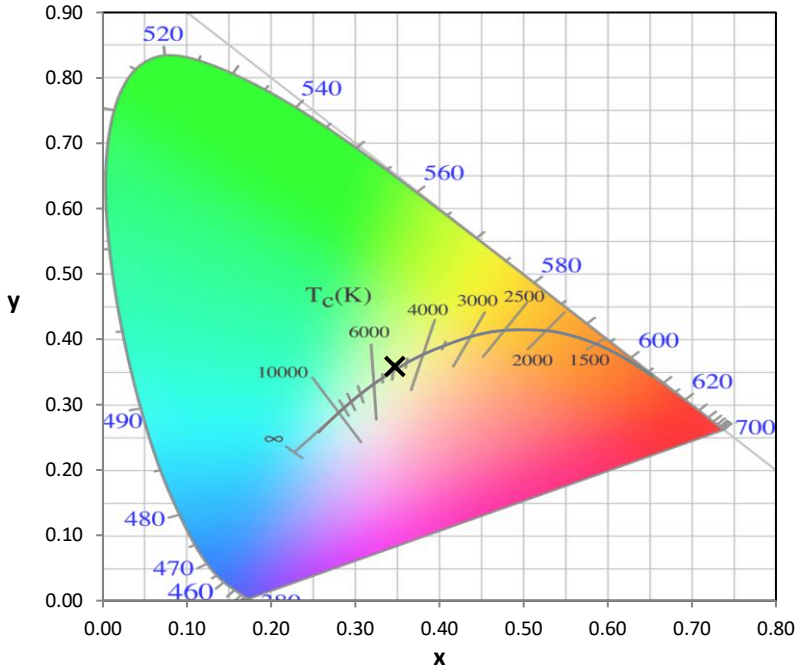
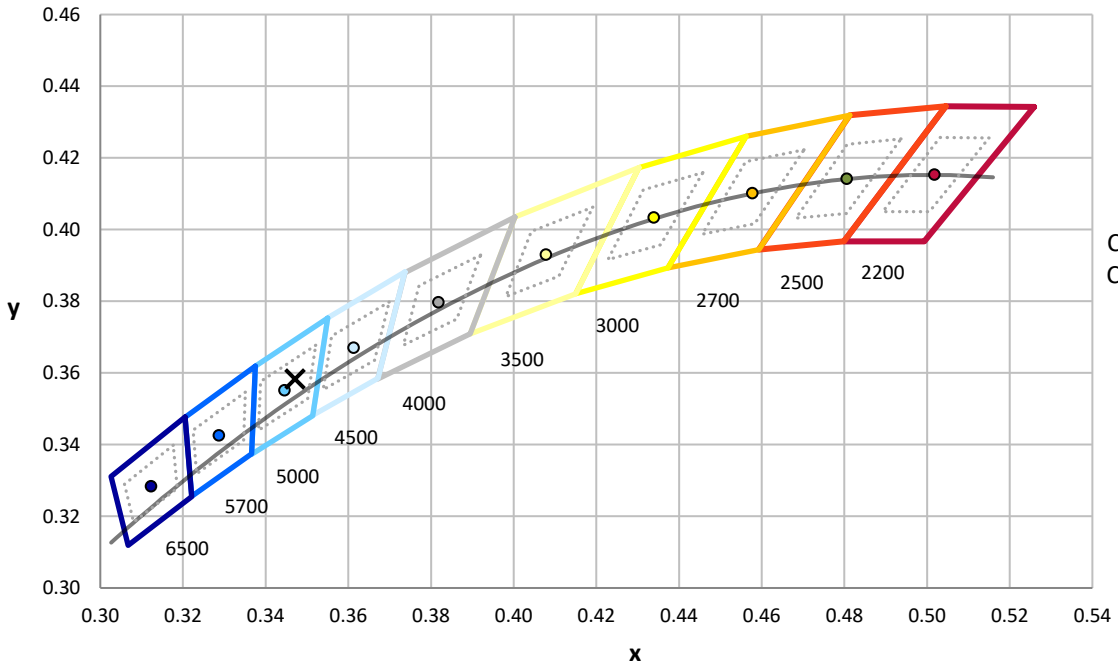
REPORT NUMBER: SP1-2406-133-5

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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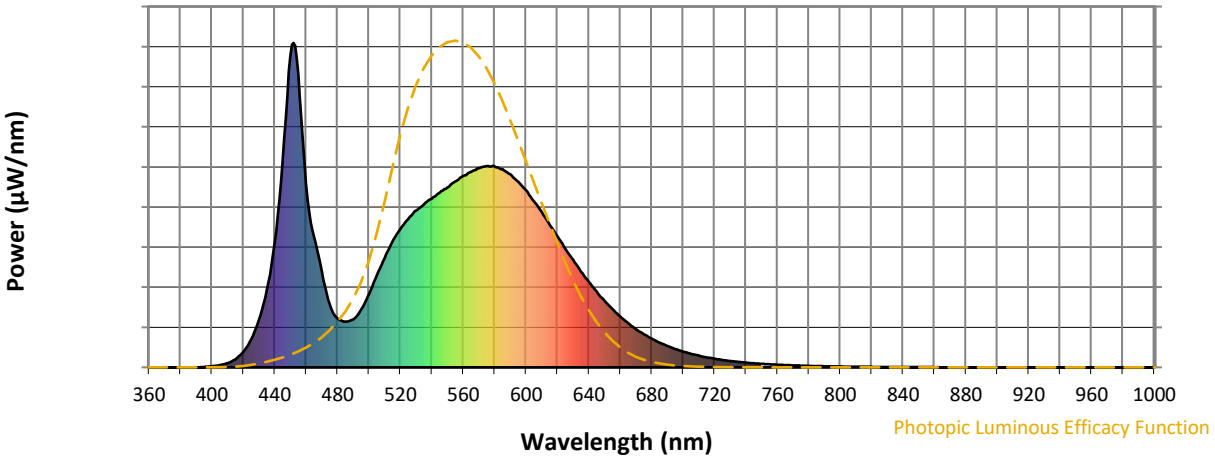
REPORT NUMBER: SP1-2406-133-5

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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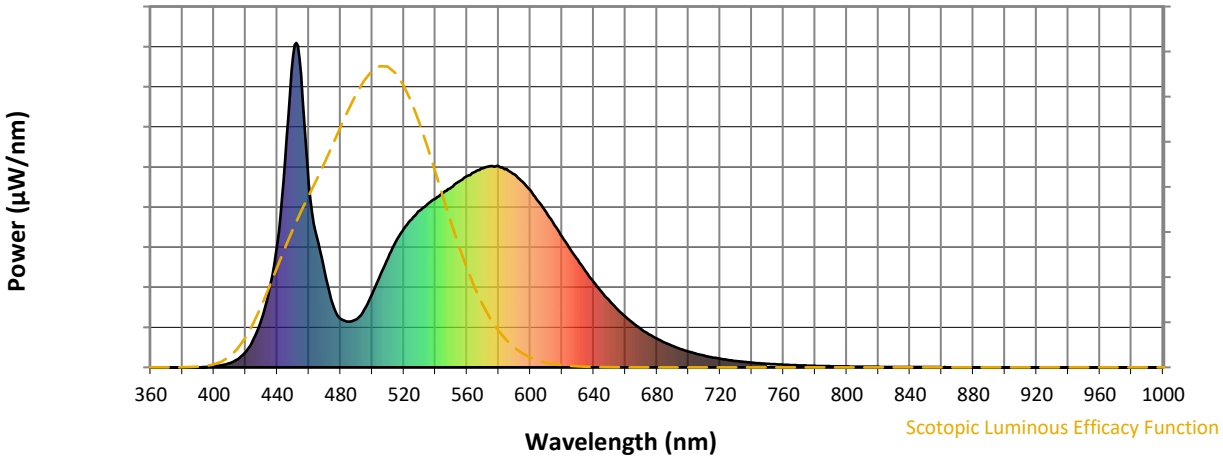
Scotopic Flux vs. Wavelength



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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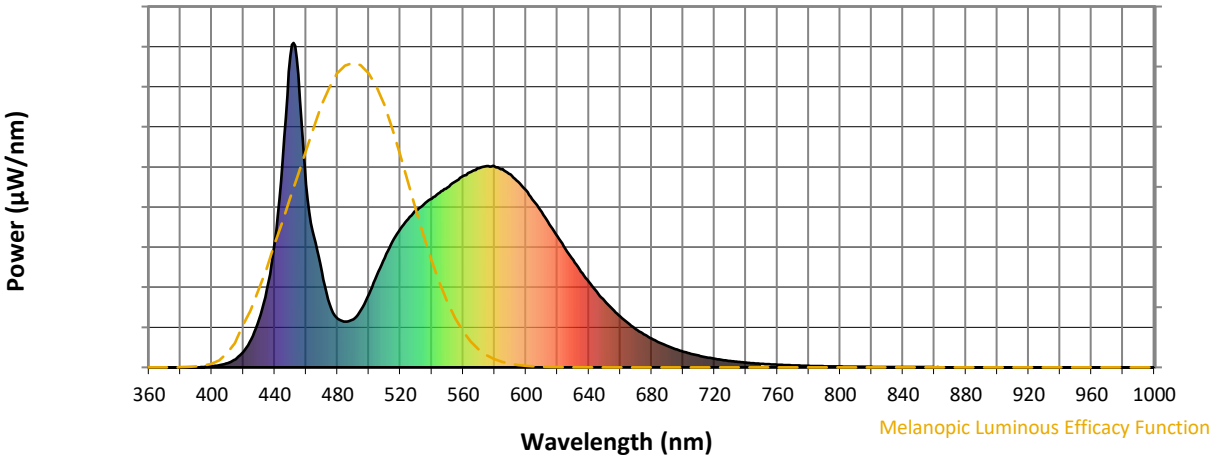
Melanopic Flux vs. Wavelength



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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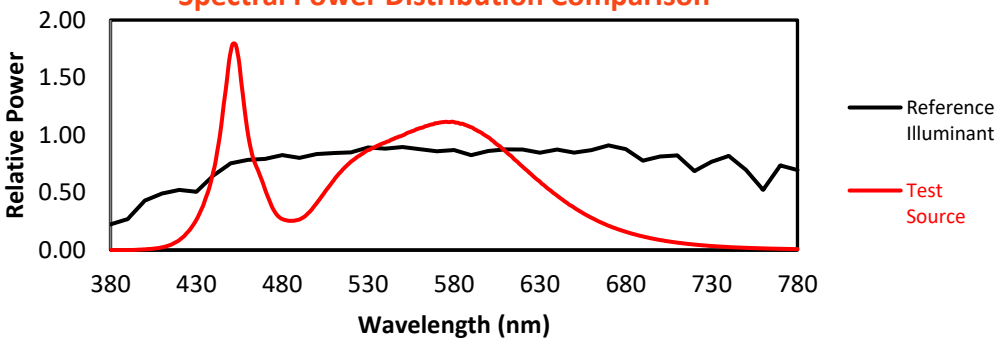
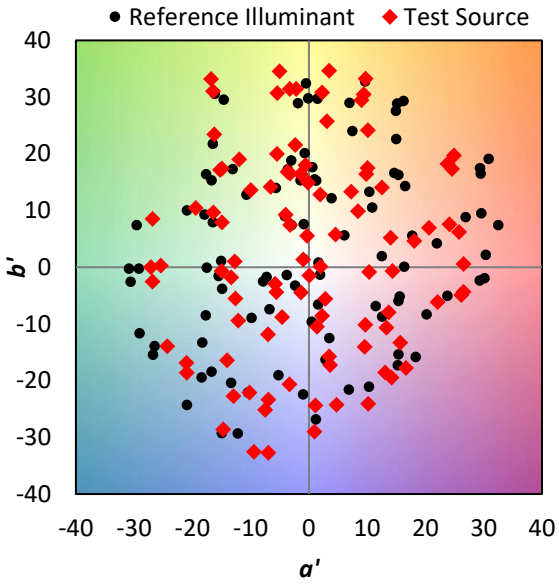
Summary

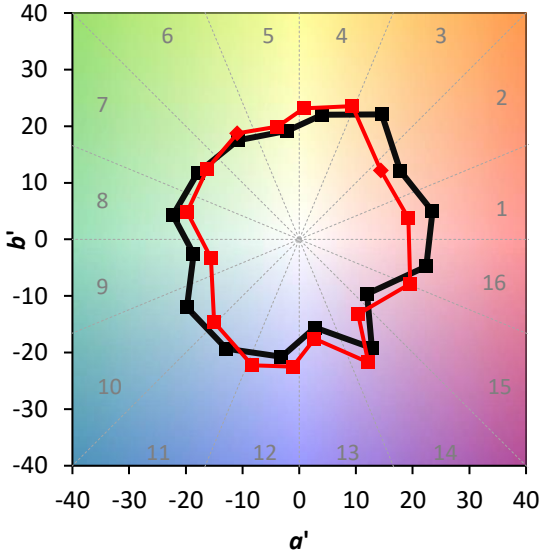
R_f = 74.8
R_g = 92.4
CIE R_a = 73.0
R_9 = -35.4

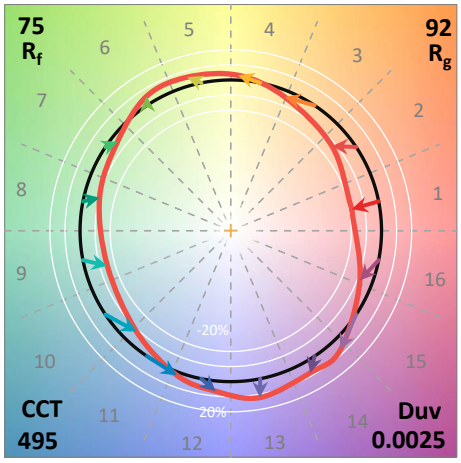
Spectral Power Distribution Comparison

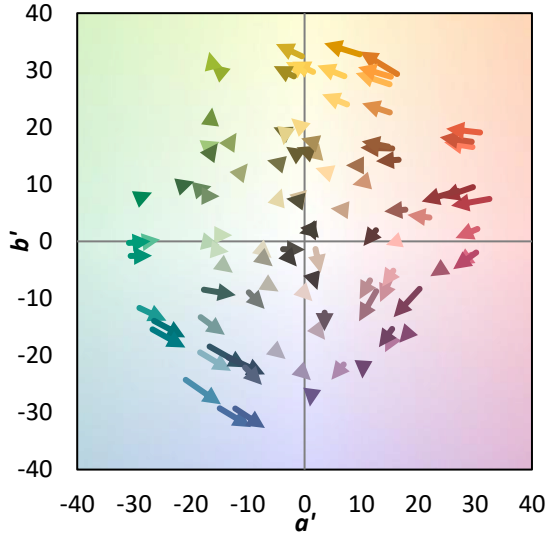


Color Vector Graphics









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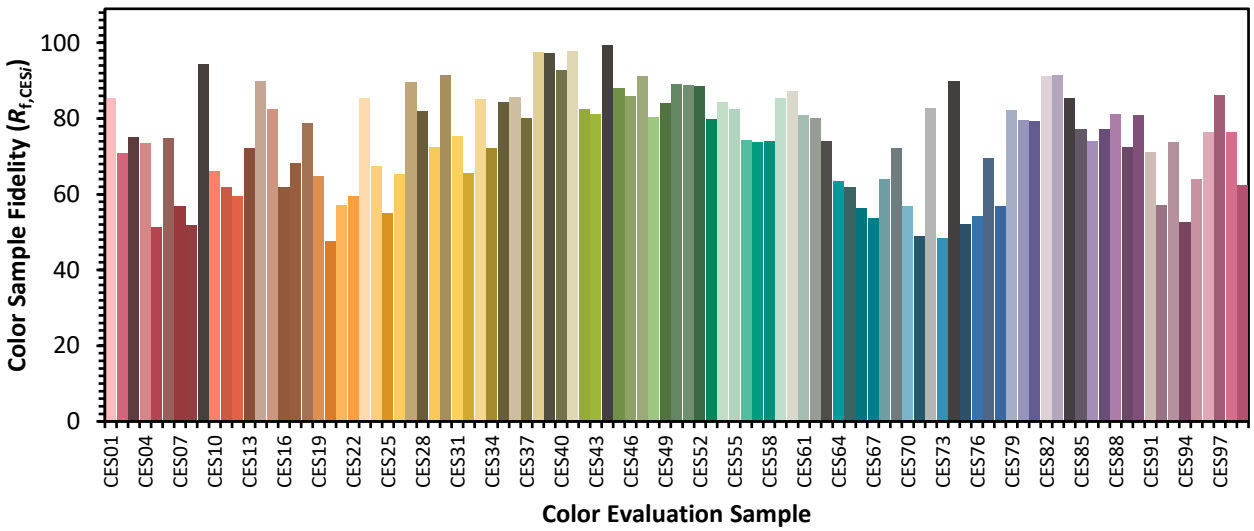
Individual Sample Fidelity Index ($R_{f,i}$)

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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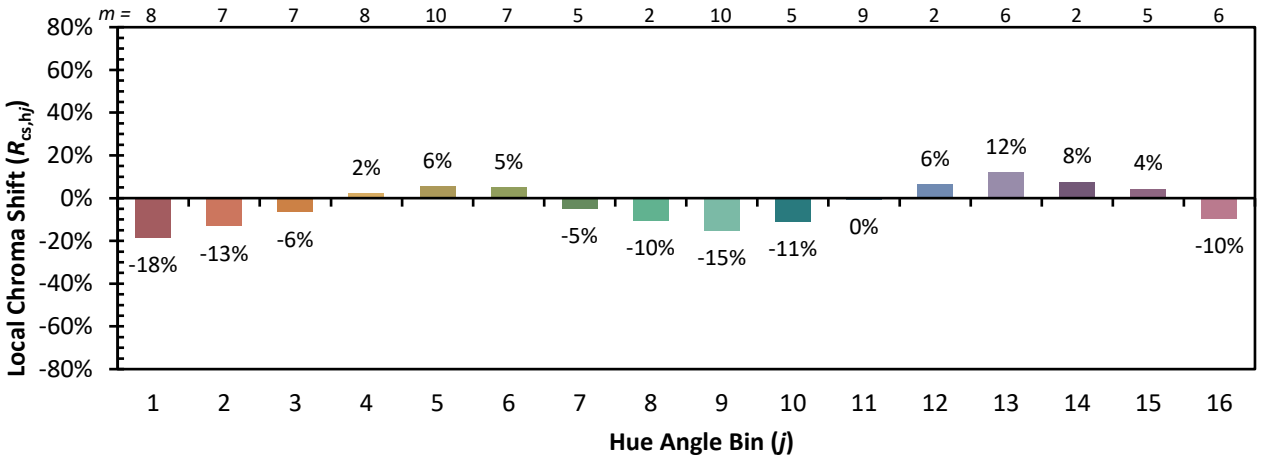
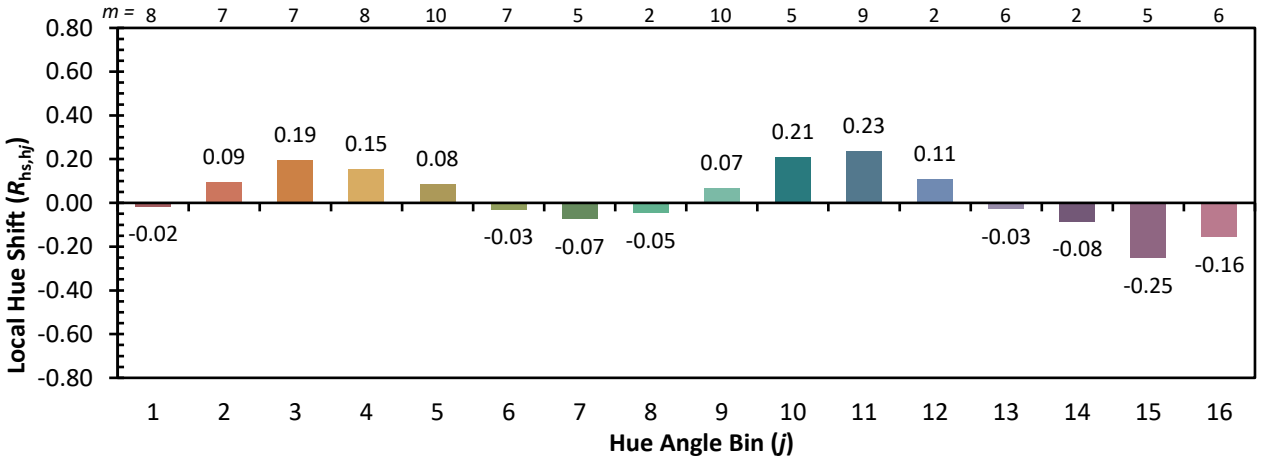
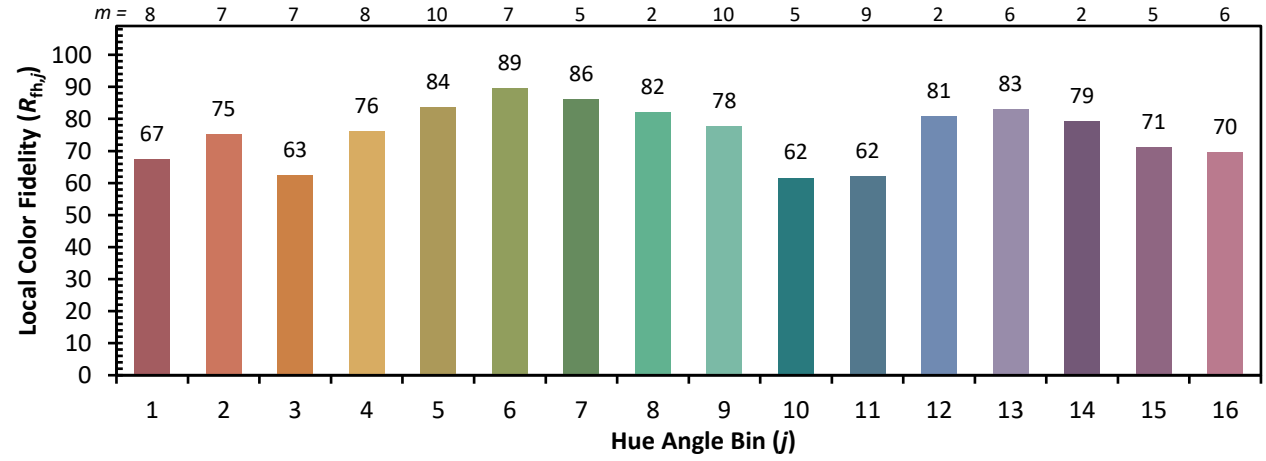
Color Rendition by Hue-Angle Bin







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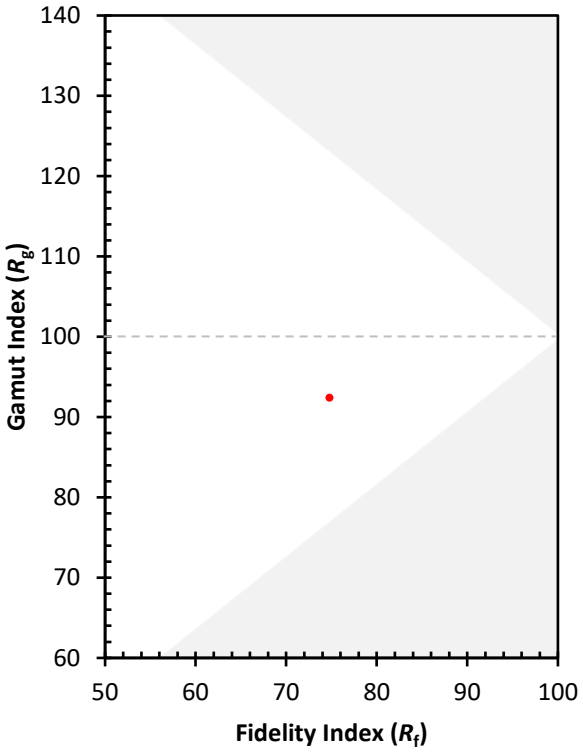
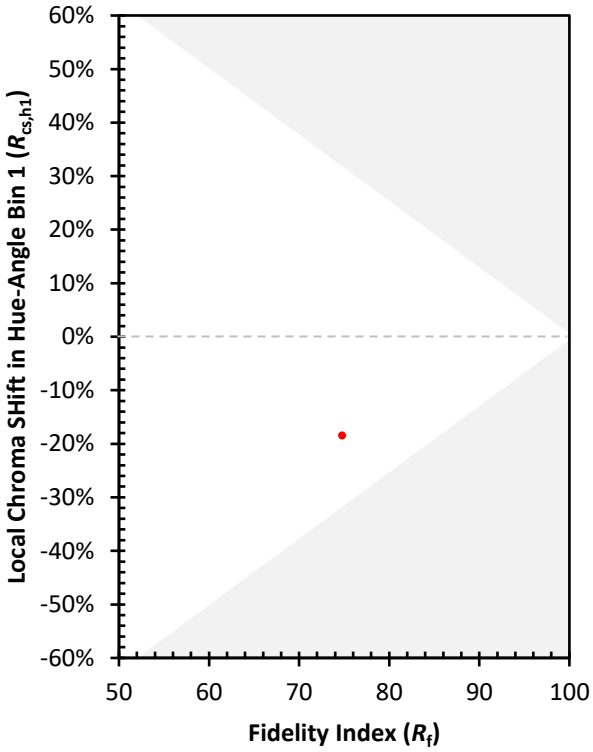
Measure Comparisons





(END OF REPORT)