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: P856343

Luminaire Tested: **FFX-CLB-20-727-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:	P856343
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-20-727-U-VM8
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2980 lumens
Efficiency:	N/A
Efficacy:	152.8 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B1 - U4 - 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: P856343
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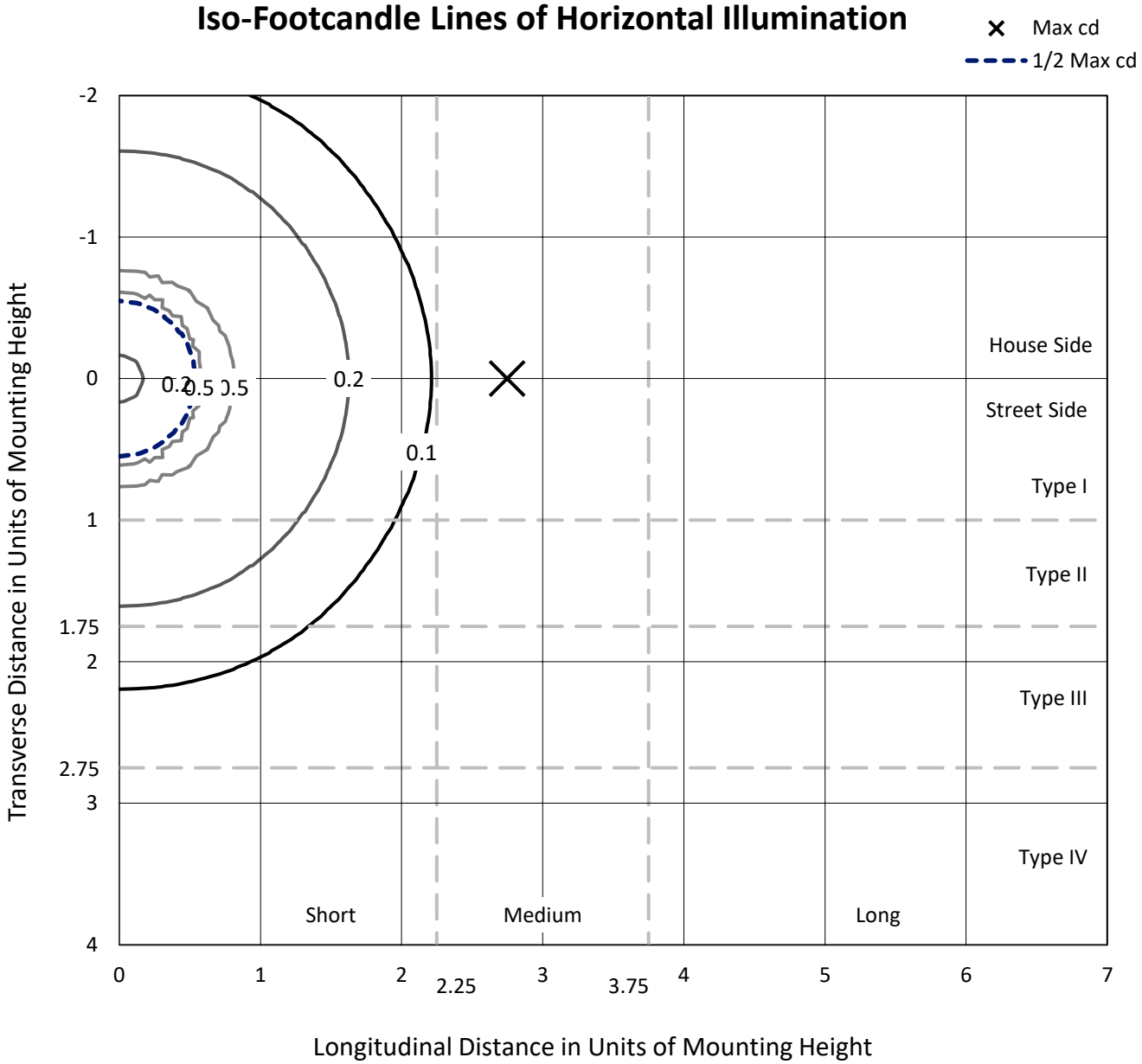
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 0.5 fc
Type V - Short - N/A

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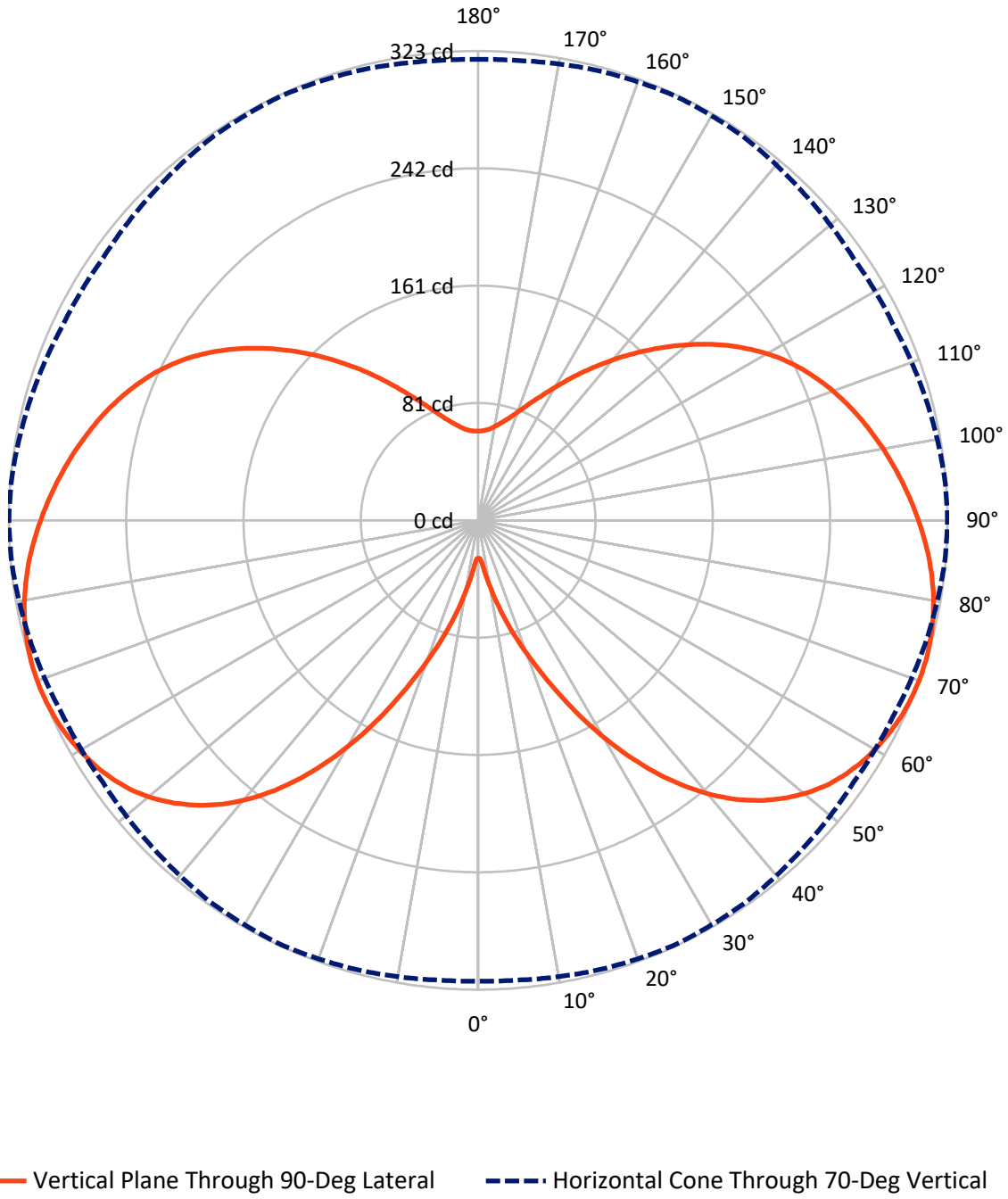
Luminous Intensity Polar Plot



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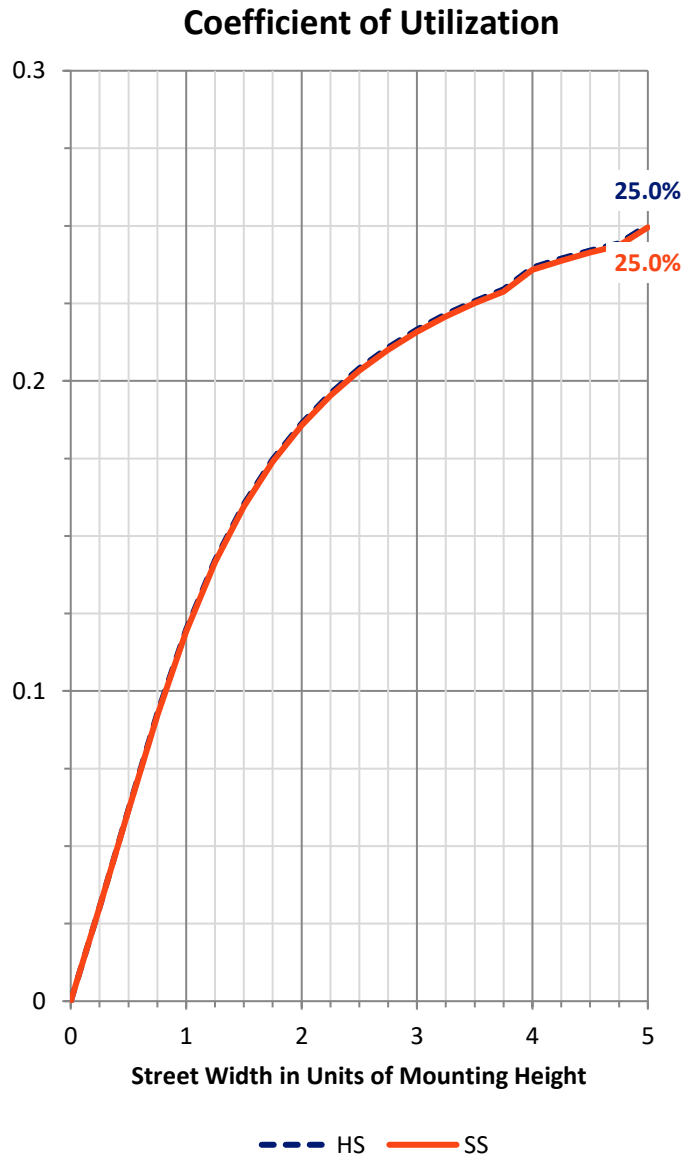
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	843.9	646.1	1490.0
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	843.9	646.1	1490.0
	% Fixture	28.3	21.7	50.0
Total	Lumens	1687.8	1292.2	2980.0
	% Fixture	56.6	43.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.1
10°-20°	21.3	0.7
20°-30°	63.7	2.1
30°-40°	133.1	4.5
40°-50°	208.9	7.0
50°-60°	271.2	9.1
60°-70°	313.9	10.5
70°-80°	336.0	11.3
80°-90°	336.3	11.3
90°-100°	317.1	10.6
100°-110°	283.8	9.5
110°-120°	238.6	8.0
120°-130°	183.0	6.1
130°-140°	125.2	4.2
140°-150°	76.4	2.6
150°-160°	41.8	1.4
160°-170°	20.2	0.7
170°-180°	6.0	0.2
0°-90°	1687.8	56.6
0°-180°	2980.0	100.0



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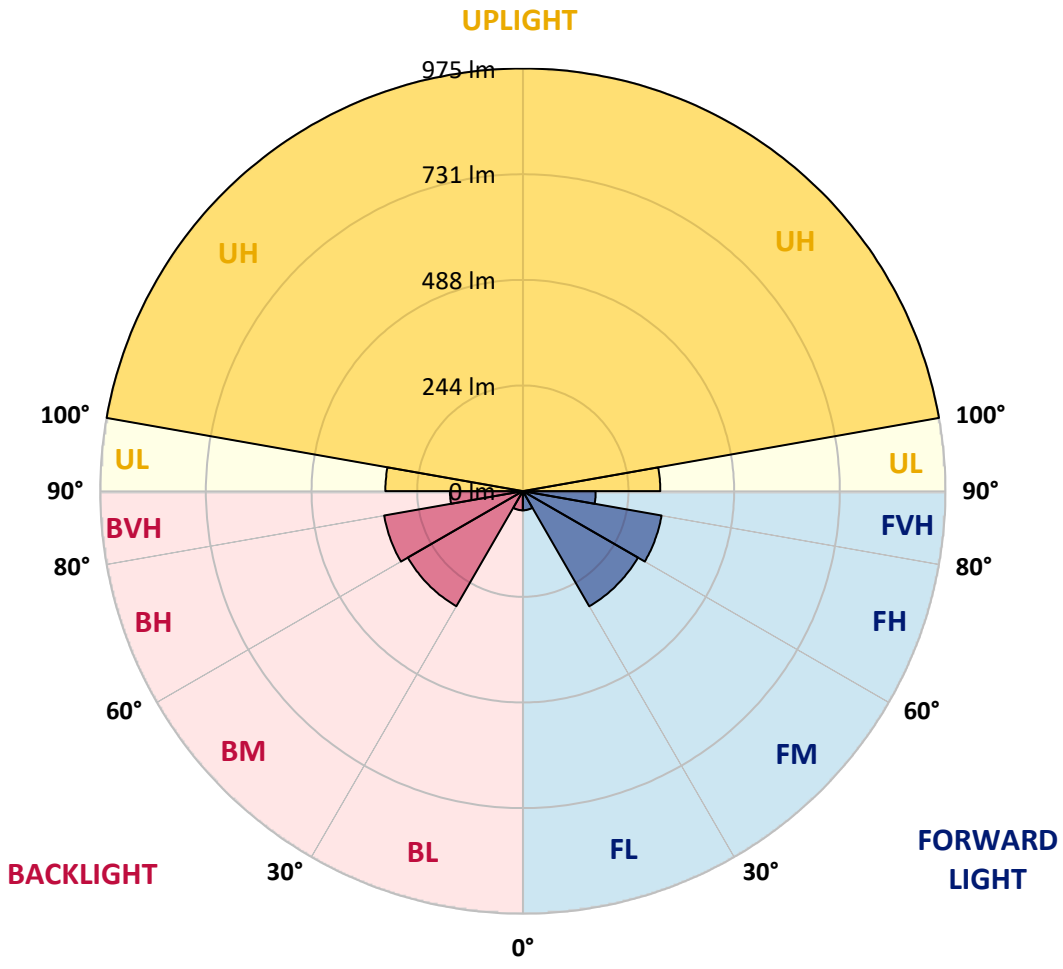
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	44.2	1.5			
FM	(30°-60°)	306.6	10.3			
FH	(60°-80°)	324.9	10.9			G0/660
FVH	(80°-90°)	168.1	5.6			G2/225
BL	(0°-30°)	44.2	1.5	B0/110		
BM	(30°-60°)	306.6	10.3	B1/1000		
BH	(60°-80°)	324.9	10.9	B1/500		G0/660
BVH	(80°-90°)	168.1	5.6			G2/225
UL	(90°-100°)	317.1	10.6		U3/500	
UH	(100°-180°)	975.0	32.7		U4/1000	

BUG Rating: B1-U4-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	*26.2*
2.5°	27.3	27.3	27.1	27.1	26.9	26.7	26.7	26.7	26.5	26.5	*26.4*
5°	31.1	30.9	30.9	30.7	30.9	30.7	30.7	30.7	30.7	30.4	*30.4*
7.5°	38.6	38.4	38.4	38.2	38.6	38.2	38.2	38.4	38.4	38.2	*38.2*
10°	48.3	48.1	48.1	47.7	48.1	47.9	47.9	47.6	47.7	47.6	*47.7*
12.5°	60.0	59.4	59.4	59.2	59.6	59.4	59.2	58.8	59.2	59.0	*59.0*
15°	72.0	72.2	72.0	71.8	72.2	72.2	72.0	71.6	72.0	71.6	*71.8*
17.5°	85.4	85.4	85.4	84.8	85.4	85.6	85.4	85.0	85.2	85.4	*85.4*
20°	99.9	99.9	100.1	99.7	100.6	100.1	99.9	99.7	99.9	100.1	*100.3*
22.5°	115.9	115.9	116.1	115.9	116.5	116.5	116.3	116.3	116.5	116.9	*116.9*
25°	133.7	133.9	133.9	133.3	134.6	135.0	134.6	134.6	135.0	135.6	*135.6*
27.5°	152.0	152.8	152.4	152.4	154.1	154.3	154.1	154.3	154.9	155.5	*155.7*
30°	170.9	171.5	172.3	171.7	173.6	173.8	174.0	174.2	174.9	175.9	*175.9*
32.5°	189.8	190.4	190.8	190.8	193.3	193.1	192.9	193.7	194.8	195.2	*195.8*
35°	208.7	208.7	209.1	209.3	211.8	211.6	212.0	212.6	213.7	214.5	*214.9*
37.5°	225.7	225.4	226.3	226.7	228.6	228.8	229.0	229.9	231.3	232.2	*232.6*
40°	241.2	240.8	242.0	242.6	244.3	244.3	244.7	245.8	247.3	248.3	*248.5*
42.5°	255.0	254.8	255.9	256.7	258.4	258.2	258.0	259.5	261.3	262.4	*262.8*
45°	266.8	266.6	268.1	269.1	270.4	270.1	270.1	271.4	273.3	274.6	*274.8*
47.5°	276.9	276.9	278.6	279.8	280.9	280.4	280.0	281.3	283.2	285.1	*285.3*
50°	285.9	285.7	287.6	289.0	289.9	289.2	288.6	289.9	292.0	293.9	*294.3*
52.5°	293.0	293.4	295.3	297.0	297.7	296.6	295.6	297.0	299.3	301.4	*301.8*
55°	299.1	299.3	301.4	303.5	303.9	302.3	301.2	302.3	304.8	307.1	*307.5*
57.5°	303.9	304.2	306.7	308.6	308.8	307.1	305.8	306.7	309.4	311.7	*312.3*
60°	308.1	308.4	310.7	312.8	313.0	310.9	309.2	310.0	312.8	315.5	*315.9*
62.5°	311.3	311.9	314.4	316.3	316.3	313.8	311.7	312.5	315.5	318.4	*318.8*
65°	314.0	314.6	317.0	318.9	318.8	315.9	313.6	314.4	317.6	320.5	*321.0*
67.5°	315.9	316.3	318.9	320.9	320.1	317.0	314.7	315.3	318.8	321.6	*322.2*
70°	*317.0*	*317.4*	*320.1*	*321.8*	*320.7*	*317.4*	*314.9*	*315.7*	*319.1*	*322.2*	*322.8*
72.5°	317.6	318.2	320.7	322.2	320.9	317.2	314.6	315.5	318.9	322.2	*322.6*
75°	317.4	317.8	320.3	321.6	319.9	316.5	313.6	314.6	318.2	321.0	*321.6*
77.5°	316.5	316.8	319.1	320.3	318.2	314.7	312.1	313.0	316.5	319.3	*319.9*
80°	314.9	315.3	317.4	318.2	316.1	312.6	310.2	311.1	314.4	317.0	*317.6*
82.5°	312.5	313.0	314.9	315.3	313.0	310.0	307.5	308.4	311.5	314.0	*314.4*
85°	309.4	309.8	311.5	311.7	309.4	306.7	304.6	305.6	308.3	310.2	*310.7*
87.5°	306.0	306.0	307.7	307.7	305.2	302.7	301.2	301.9	304.4	306.0	*306.5*
90°	301.8	301.9	303.1	302.9	300.6	298.5	297.2	298.1	300.2	301.6	*301.9*
92.5°	297.2	297.4	298.3	297.9	295.6	293.9	292.8	293.9	295.8	296.8	*297.2*
95°	292.2	292.4	293.2	292.4	290.3	289.0	288.0	289.3	290.9	291.8	*292.2*
97.5°	287.1	287.2	287.8	287.1	284.8	283.6	283.2	284.4	285.9	286.7	*287.1*
100°	281.7	281.7	282.1	280.9	279.0	278.1	277.9	279.2	280.7	281.5	*281.9*
102.5°	275.8	276.0	276.0	274.8	272.9	272.3	272.3	273.9	275.4	276.0	*276.4*
105°	269.7	269.7	269.7	268.7	266.6	266.2	266.4	268.0	269.7	270.4	*270.8*
107.5°	263.0	263.2	262.8	261.8	260.1	259.7	260.1	262.2	263.8	264.5	*264.9*
110°	255.9	256.1	255.9	254.8	253.2	253.1	253.6	255.7	257.3	258.0	*258.6*

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Scaled Data Report

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CATALOG NUMBER: FFX-CLB-20-727-U-VM8

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	248.5	248.7	248.5	247.5	246.0	246.0	246.8	248.9	250.6	251.1	*251.7*
115°	240.6	240.8	240.5	239.7	238.2	238.5	239.3	241.4	243.1	243.7	*244.5*
117.5°	232.2	232.4	232.2	231.3	229.9	230.3	231.5	233.6	235.1	235.7	*236.4*
120°	223.1	223.1	223.1	222.1	220.8	221.5	222.7	225.0	226.3	226.7	*227.5*
122.5°	213.7	213.3	213.3	212.8	211.2	212.2	213.3	215.6	217.0	217.2	*217.7*
125°	203.4	203.6	203.0	202.6	201.3	202.4	203.4	205.7	206.8	207.0	*207.6*
127.5°	192.3	192.9	192.3	191.7	190.8	191.9	193.1	195.2	196.1	196.3	*196.7*
130°	182.0	182.0	181.4	181.1	180.1	181.2	182.4	184.3	185.3	185.3	*185.6*
132.5°	171.7	171.1	170.9	170.6	169.4	170.7	171.5	173.4	174.2	174.0	*174.4*
135°	160.4	160.4	159.9	159.7	158.7	160.0	160.8	162.5	163.1	162.9	*163.3*
137.5°	149.9	149.9	149.5	149.2	148.6	149.7	150.5	151.8	152.4	151.8	*152.4*
140°	139.6	139.6	139.4	139.0	138.5	139.6	140.2	141.3	141.9	141.3	*141.7*
142.5°	130.1	129.7	129.5	129.3	128.5	129.7	130.1	131.2	131.4	131.0	*131.6*
145°	119.9	120.1	119.9	119.7	119.2	120.1	120.5	121.5	121.7	121.3	*121.8*
147.5°	111.5	111.0	111.2	111.0	110.4	111.3	111.5	112.1	112.5	112.1	*112.5*
150°	103.1	102.8	102.8	102.6	102.2	102.9	103.1	103.7	103.9	103.5	*103.9*
152.5°	95.7	95.5	95.5	95.3	94.9	95.5	95.7	96.1	96.3	95.9	*96.1*
155°	89.0	88.8	88.8	88.6	88.2	88.8	88.8	89.2	89.4	89.2	*89.4*
157.5°	83.1	82.9	82.9	82.9	82.5	82.9	82.9	83.3	83.3	83.1	*83.3*
160°	78.3	77.9	78.1	77.9	77.5	77.9	77.9	78.1	78.1	78.1	*78.1*
162.5°	73.9	73.9	73.9	73.7	73.5	73.7	73.7	73.9	73.9	73.9	*73.7*
165°	70.5	70.5	70.5	70.3	70.1	70.3	70.3	70.3	70.3	70.3	*70.3*
167.5°	67.6	67.4	67.6	67.4	67.2	67.4	67.4	67.4	67.4	67.4	*67.4*
170°	65.1	65.1	65.1	65.1	64.9	65.1	65.1	65.1	65.1	65.1	*65.1*
172.5°	63.6	63.4	63.4	63.4	63.2	63.4	63.2	63.4	63.2	63.4	*63.2*
175°	62.3	62.3	62.3	62.3	62.1	62.1	62.1	62.1	62.1	62.1	*62.1*
177.5°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	*61.5*
180°	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	*61.3*

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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: SP1-2406-133-3

Test Date: 07/12/2024

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: v7.03

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

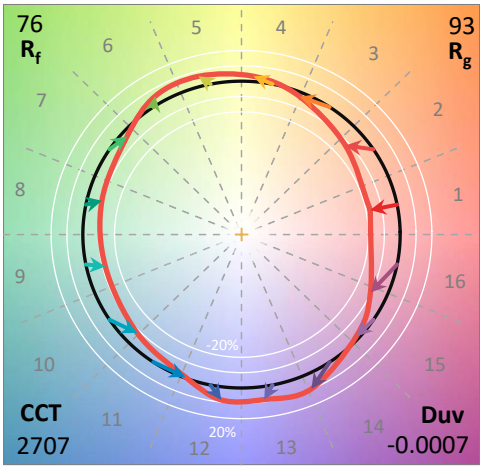
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-3
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-100-727-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2707
CIE u':	0.2624
CIE v':	0.5261
Duv:	-0.0007
CIE x:	0.4580
CIE y:	0.4082
CIE z:	0.1338
Peak Wavelength (nm):	599
Dominant Wavelength (nm):	584
Purity:	59.99901
Rf:	75.5
Rg:	92.5

CRI (Ra):	71.3		
R1:	67.8	R9:	-34.9
R2:	84.5	R10:	65.1
R3:	94.2	R11:	59.2
R4:	64.8	R12:	54.2
R5:	66.9	R13:	71.2
R6:	79.2	R14:	97.5
R7:	74.4	R15:	59.4
R8:	38.8		



Test Conditions

Stabilization Time:	0.813602M
Operation Time:	1H
Sphere Temperature (°C):	24.7

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: SP1-2406-133-3

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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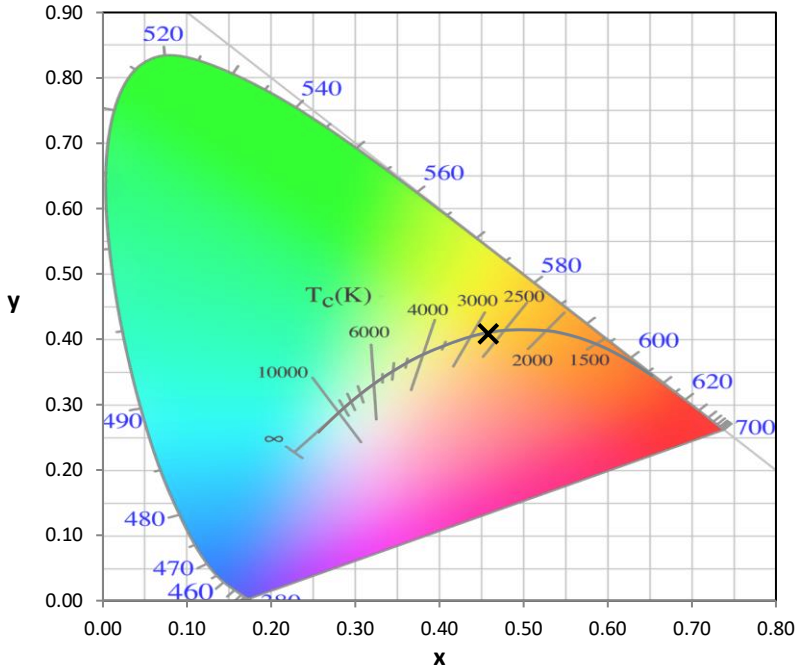
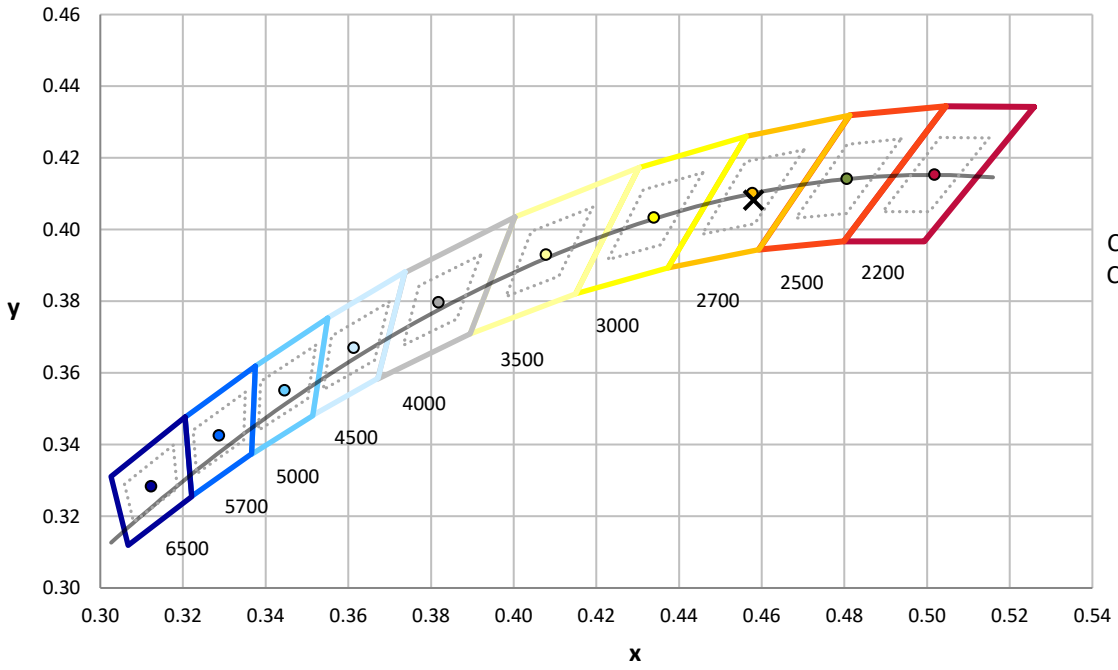
CIE 1931 Chromaticity Diagram



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



CCT = 2707K
CIE x = 0.4580
CIE y = 0.4082
Duv = -0.0007

Point lies inside the ANSI 2700K 4-step quadrangle

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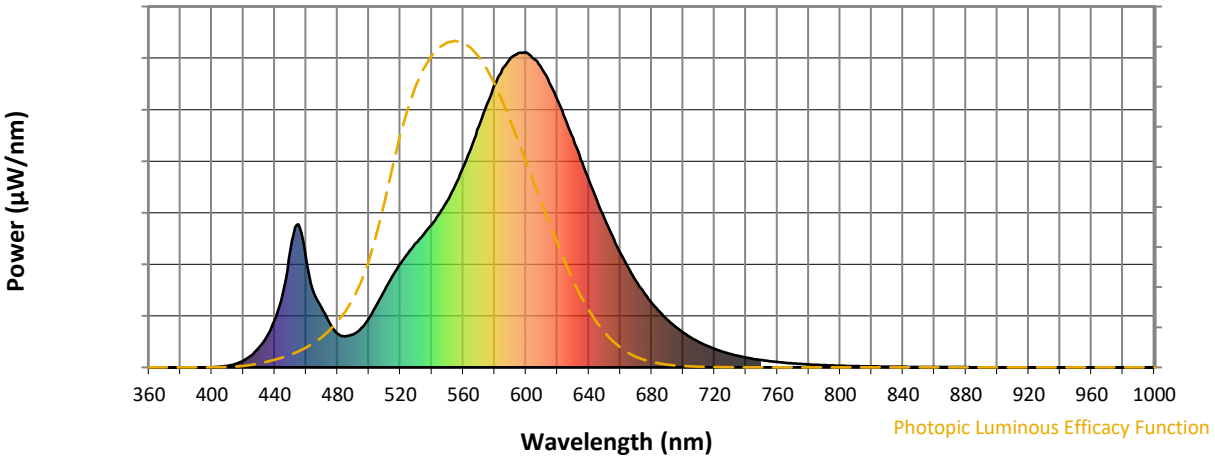
REPORT NUMBER: SP1-2406-133-3

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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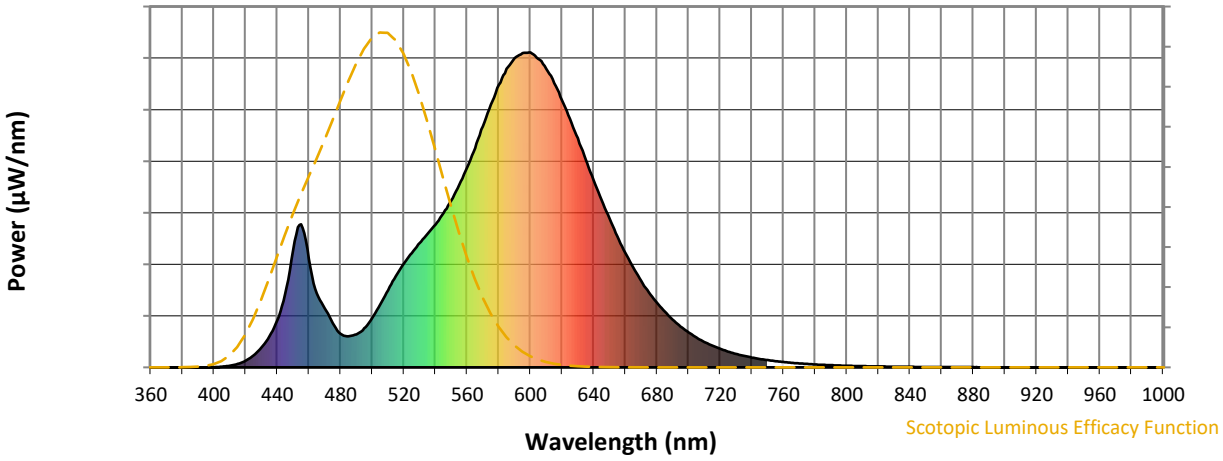
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.12**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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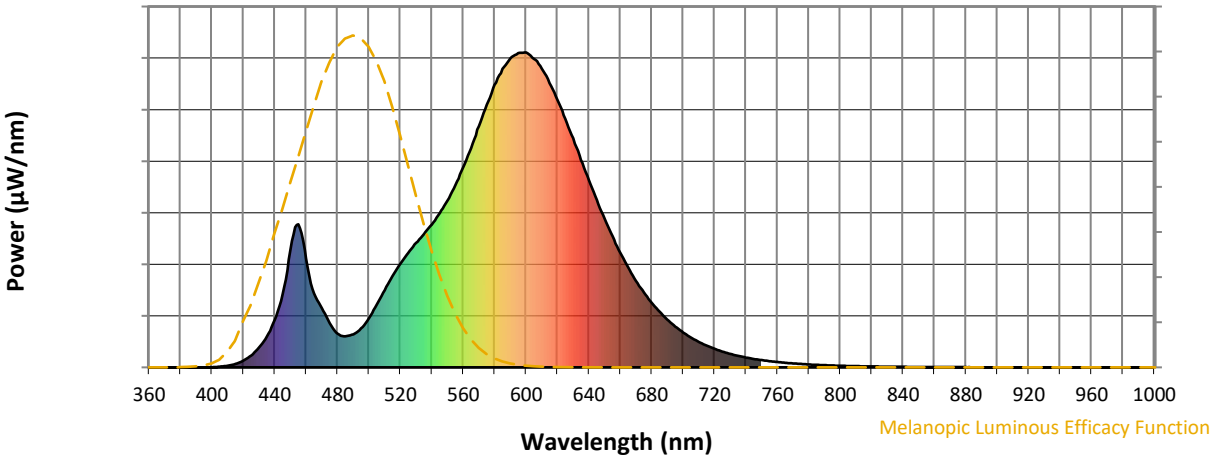
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.03**

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	105	NR	620	849	NR	750	23	NR	880	1	NR
365	0	NR	495	124	NR	625	789	NR	755	20	NR	885	0	NR
370	0	NR	500	156	NR	630	727	NR	760	17	NR	890	0	NR
375	0	NR	505	200	NR	635	659	NR	765	15	NR	895	0	NR
380	0	NR	510	245	NR	640	595	NR	770	13	NR	900	0	NR
385	0	NR	515	290	NR	645	531	NR	775	11	NR	905	0	NR
390	0	NR	520	330	NR	650	472	NR	780	9	NR	910	0	NR
395	0	NR	525	363	NR	655	417	NR	785	8	NR	915	0	NR
400	0	NR	530	395	NR	660	364	NR	790	7	NR	920	0	NR
405	2	NR	535	424	NR	665	317	NR	795	6	NR	925	0	NR
410	5	NR	540	454	NR	670	274	NR	800	5	NR	930	0	NR
415	11	NR	545	490	NR	675	237	NR	805	4	NR	935	0	NR
420	21	NR	550	530	NR	680	206	NR	810	4	NR	940	0	NR
425	38	NR	555	579	NR	685	176	NR	815	3	NR	945	0	NR
430	63	NR	560	635	NR	690	152	NR	820	3	NR	950	0	NR
435	99	NR	565	697	NR	695	129	NR	825	3	NR	955	0	NR
440	150	NR	570	765	NR	700	111	NR	830	2	NR	960	0	NR
445	233	NR	575	834	NR	705	95	NR	835	2	NR	965	0	NR
450	372	NR	580	897	NR	710	81	NR	840	2	NR	970	0	NR
455	454	NR	585	948	NR	715	69	NR	845	1	NR	975	0	NR
460	345	NR	590	982	NR	720	59	NR	850	1	NR	980	0	NR
465	235	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	187	NR	600	1000	NR	730	43	NR	860	1	NR	990	0	NR
475	141	NR	605	980	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	949	NR	740	31	NR	870	1	NR	1000	0	NR
485	99	NR	615	902	NR	745	27	NR	875	1	NR			

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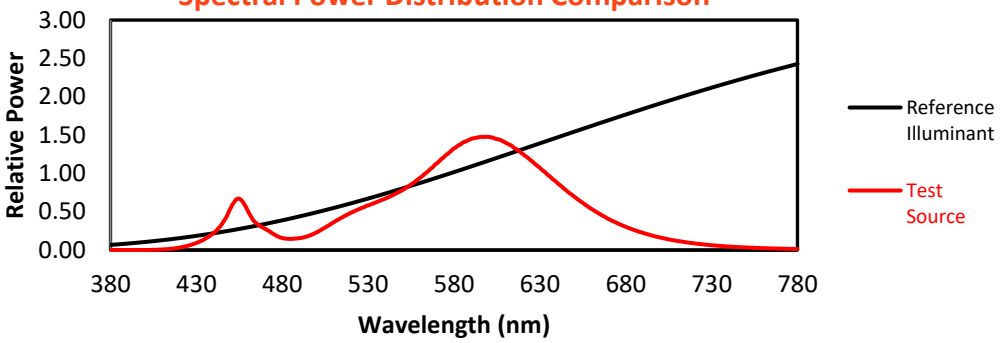
TM-30-18

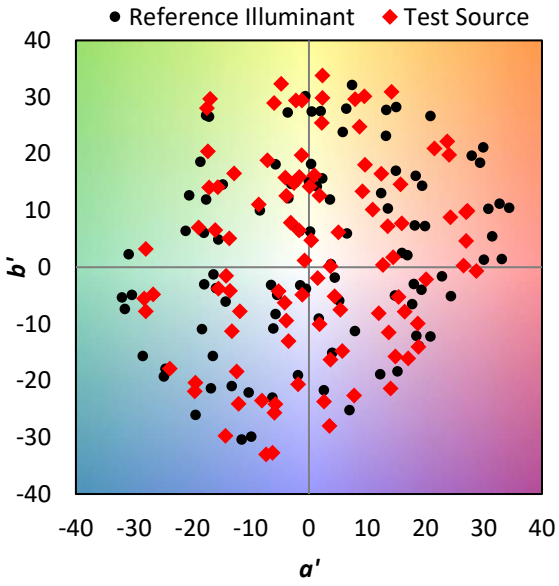
Summary

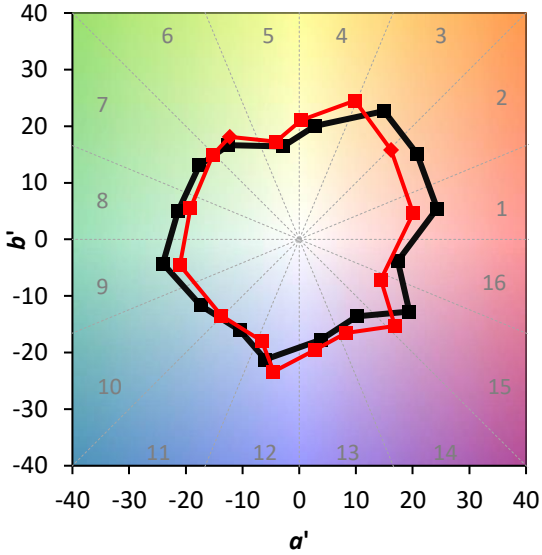
R_f = 75.5
R_g = 92.5
CIE R_a = 71.3
R_9 = -34.9

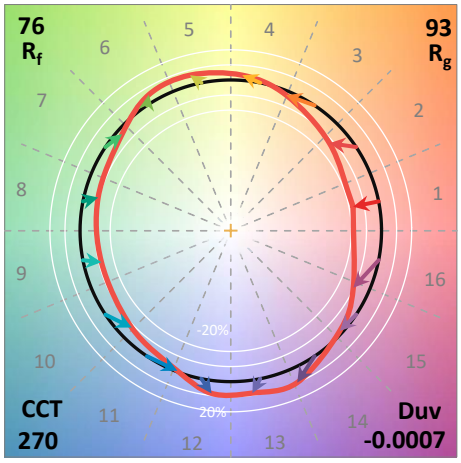
Spectral Power Distribution Comparison

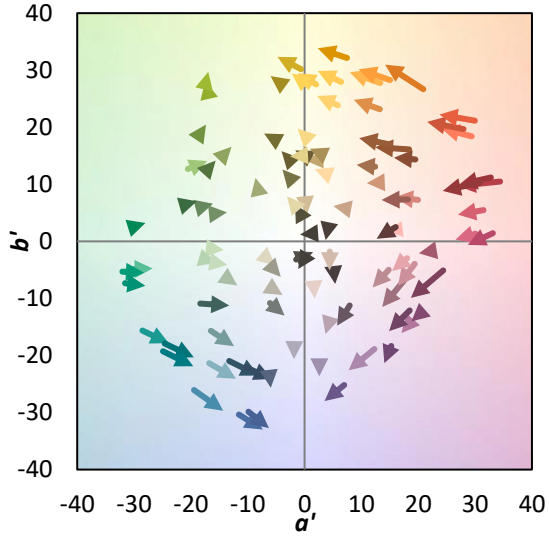


Color Vector Graphics









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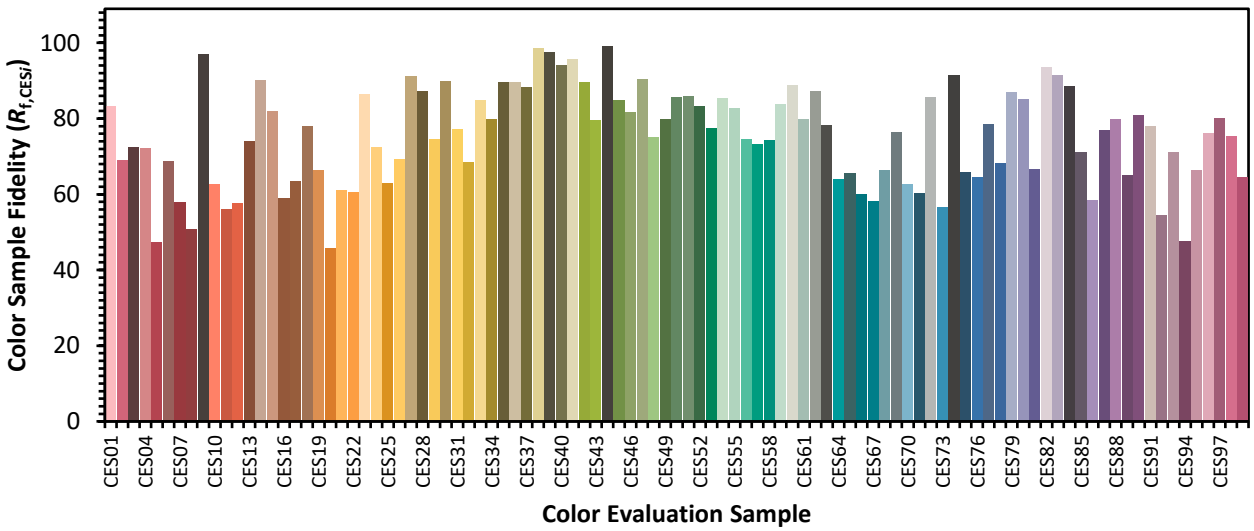
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 69	CES51 = 86	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 83	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 77	CES78 = 68
CES04 = 71	CES29 = 75	CES54 = 85	CES79 = 87
CES05 = 50	CES30 = 90	CES55 = 83	CES80 = 85
CES06 = 52	CES31 = 77	CES56 = 75	CES81 = 67
CES07 = 42	CES32 = 68	CES57 = 73	CES82 = 93
CES08 = 41	CES33 = 85	CES58 = 74	CES83 = 91
CES09 = 29	CES34 = 80	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 89	CES85 = 71
CES11 = 60	CES36 = 90	CES61 = 80	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 87	CES87 = 77
CES13 = 43	CES38 = 99	CES63 = 78	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 65
CES15 = 72	CES40 = 94	CES65 = 66	CES90 = 81
CES16 = 48	CES41 = 96	CES66 = 60	CES91 = 78
CES17 = 51	CES42 = 90	CES67 = 58	CES92 = 54
CES18 = 57	CES43 = 80	CES68 = 66	CES93 = 71
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 66
CES21 = 88	CES46 = 82	CES71 = 60	CES96 = 76
CES22 = 80	CES47 = 90	CES72 = 86	CES97 = 80
CES23 = 92	CES48 = 75	CES73 = 57	CES98 = 75
CES24 = 91	CES49 = 80	CES74 = 92	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



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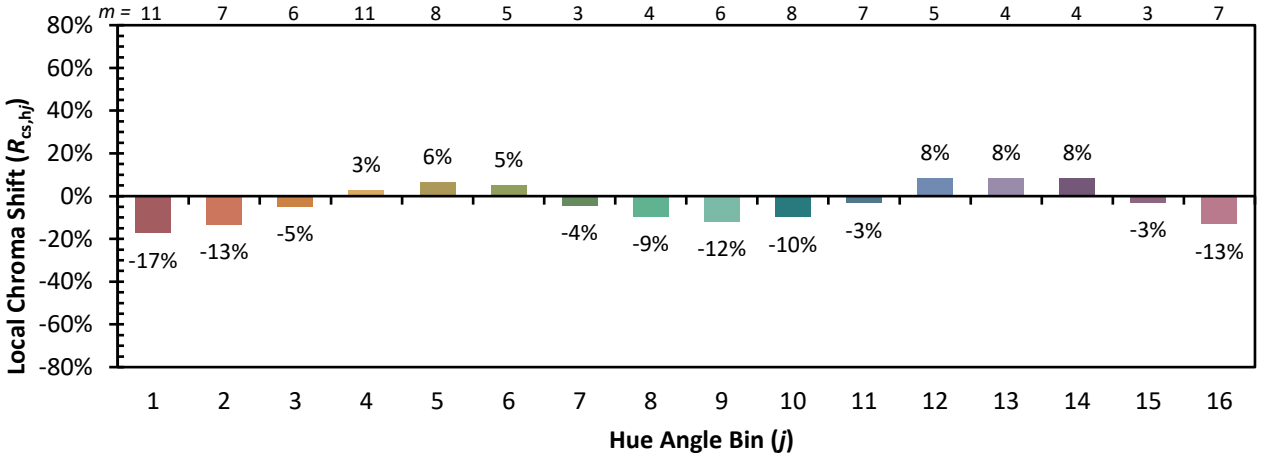
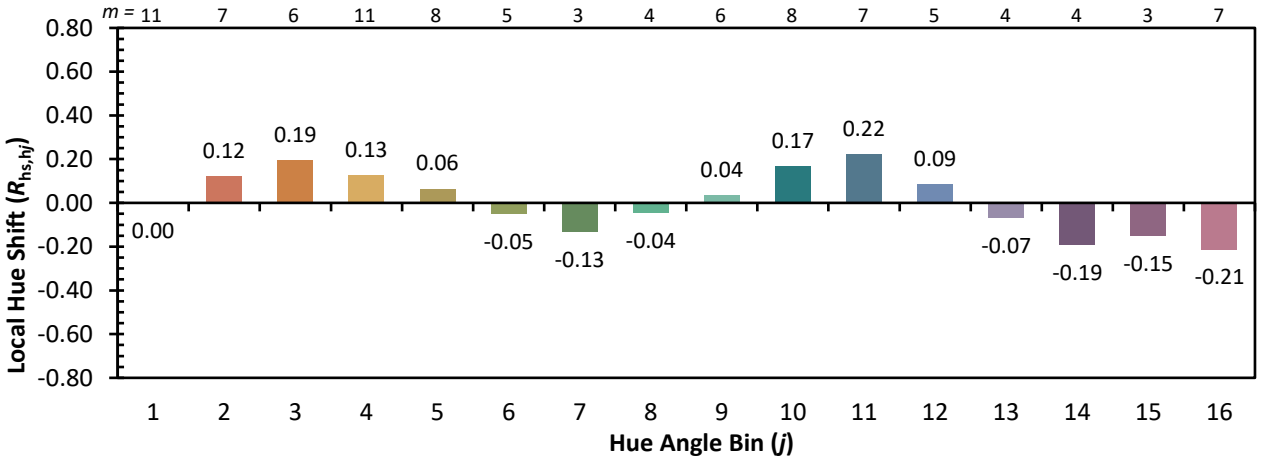
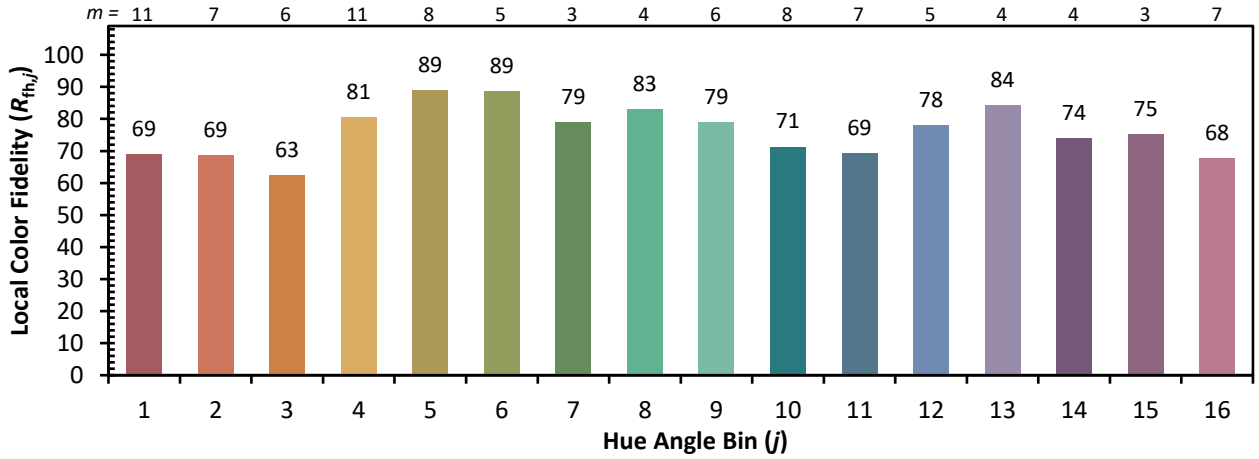
Color Rendition by Hue-Angle Bin







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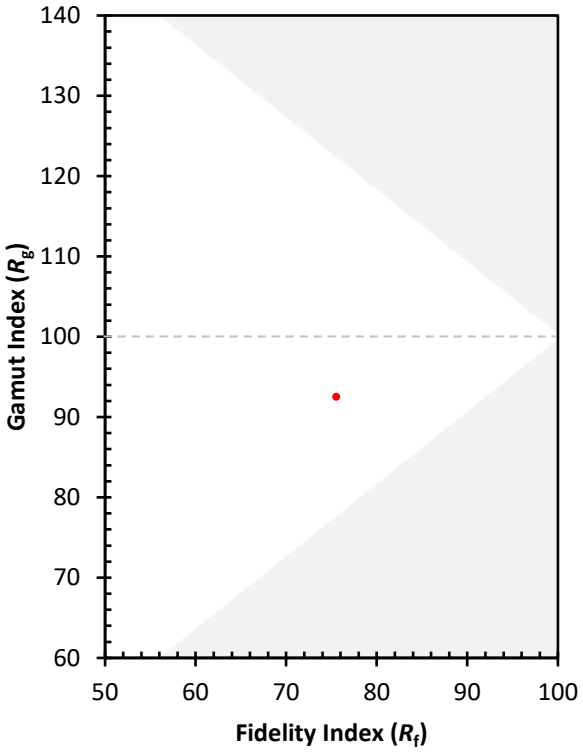
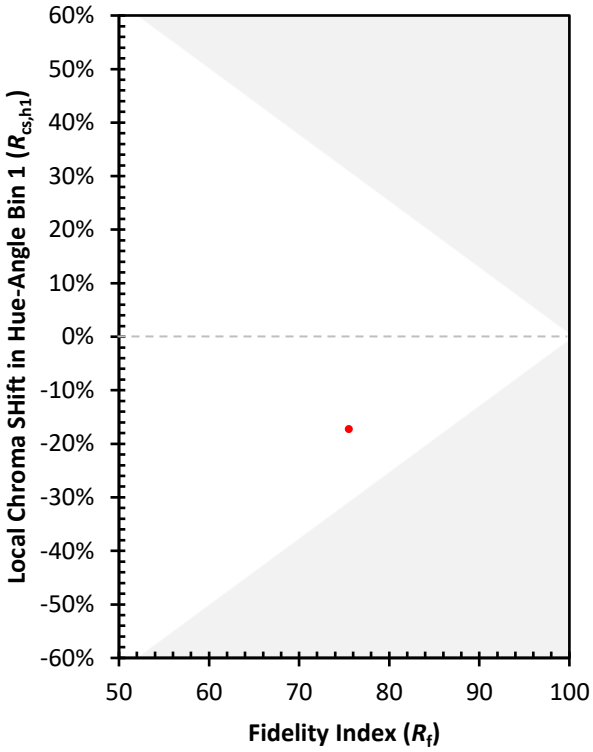
Measure Comparisons





(END OF REPORT)