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: P856297

Luminaire Tested: **FFX-CLB-30-727-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:	P856297
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-727-U-FG
Description:	FAIRFAX POST TOP FIXTURE w/ FROSTED GLOBE
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4780.6 lumens
Efficiency:	N/A
Efficacy:	156.7 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification:	Type V - Short
BUG Rating:	B2 - U5 - G3

Input Watts (W):	30.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	10.6%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P856297
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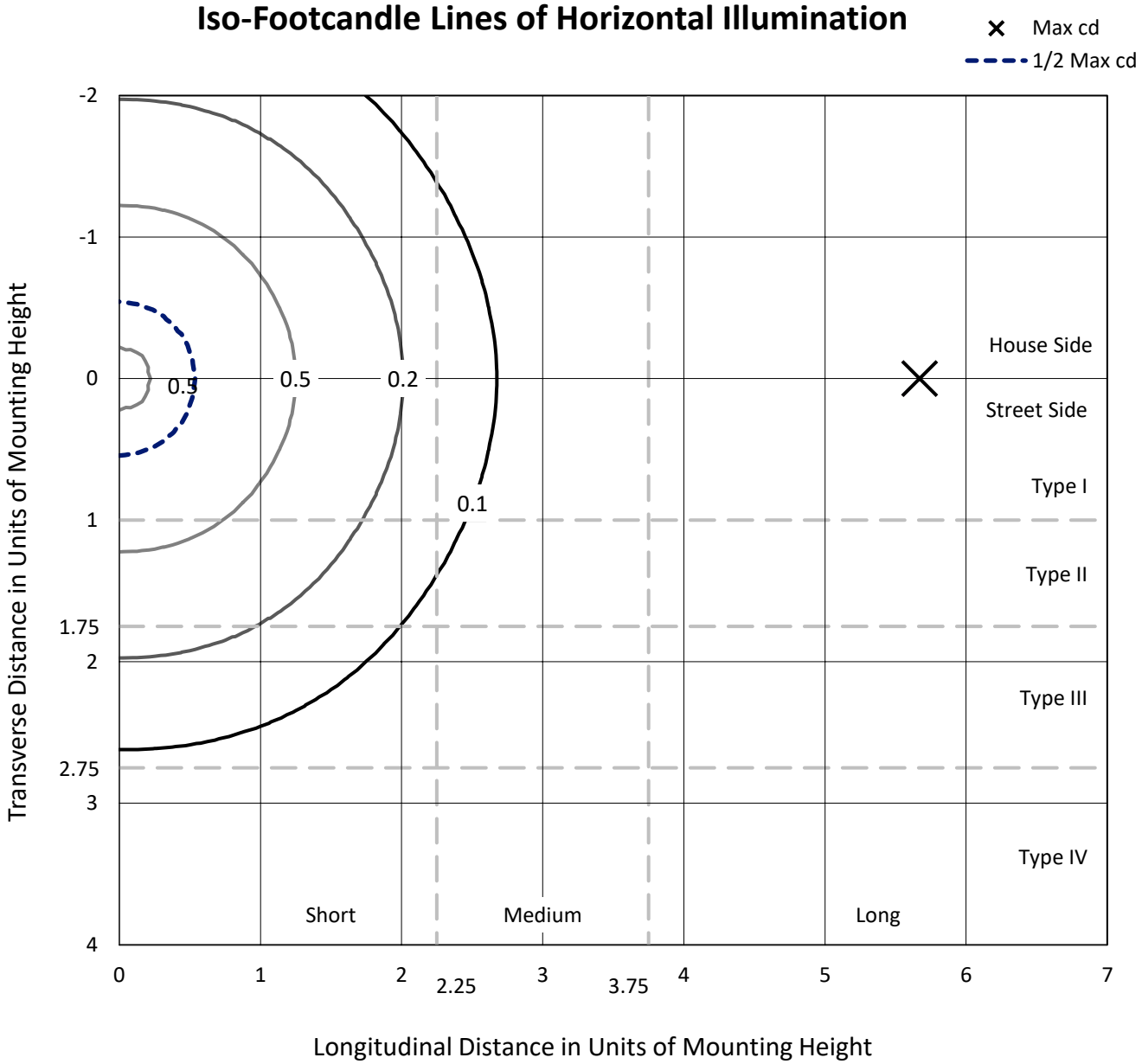
Iso-Footcandle Lines of Horizontal Illumination



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

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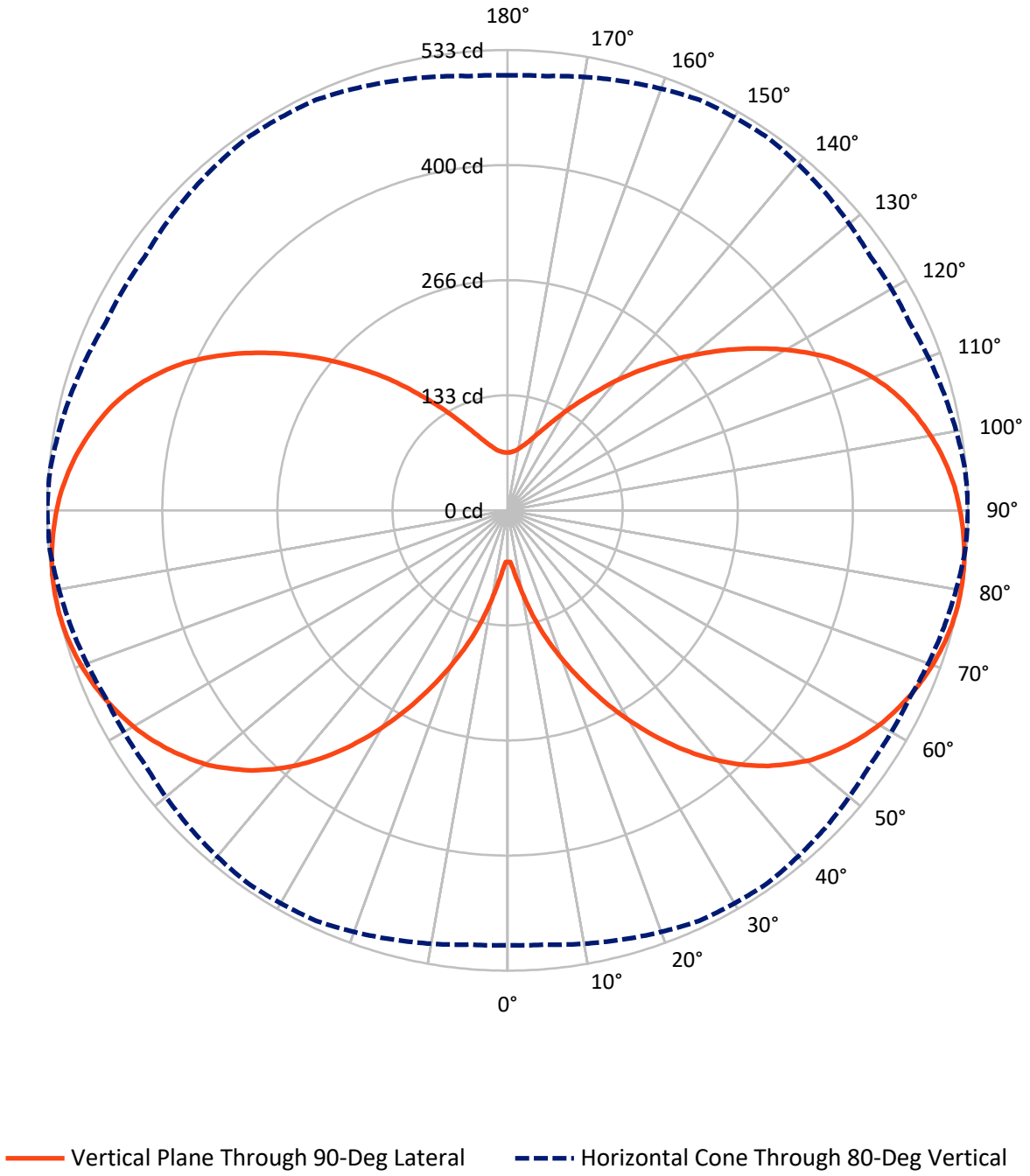
Luminous Intensity Polar Plot



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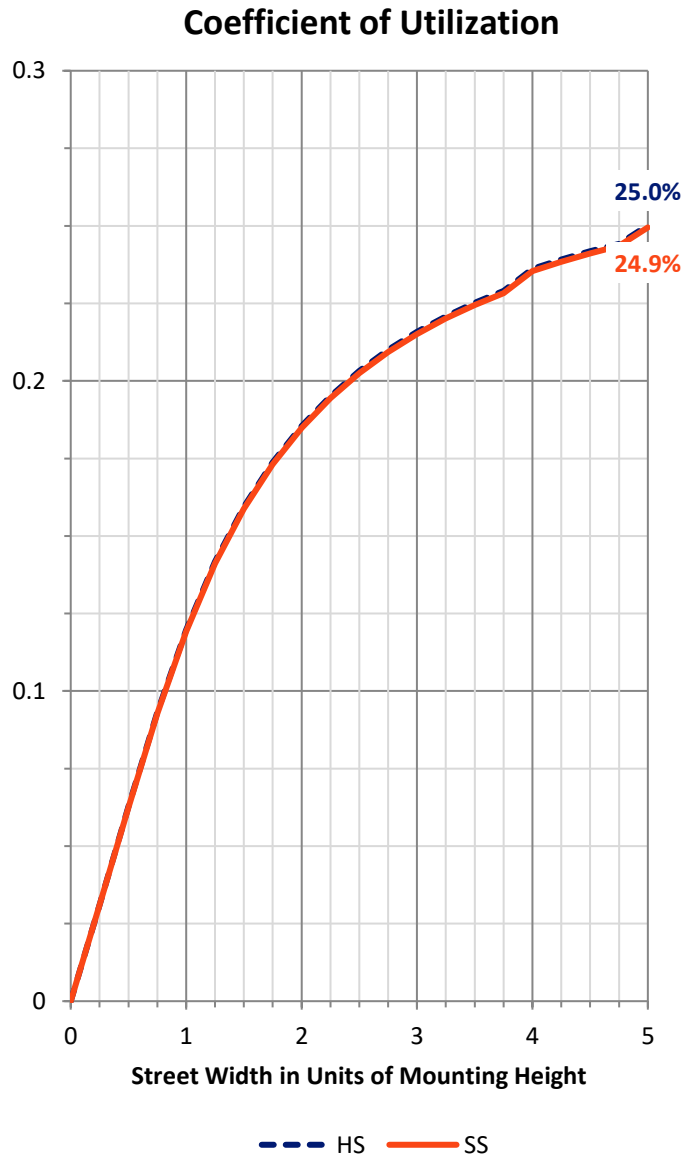
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1360.1	1030.2	2390.3
	% Fixture	28.5	21.5	50.0
Street Side	Lumens	1360.1	1030.2	2390.3
	% Fixture	28.5	21.5	50.0
Total	Lumens	2720.3	2060.4	4780.6
	% Fixture	56.9	43.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.6	0.2
10°-20°	41.7	0.9
20°-30°	109.7	2.3
30°-40°	209.7	4.4
40°-50°	322.3	6.7
50°-60°	422.3	8.8
60°-70°	498.4	10.4
70°-80°	546.8	11.4
80°-90°	561.8	11.8
90°-100°	541.2	11.3
100°-110°	485.3	10.2
110°-120°	394.3	8.2
120°-130°	281.8	5.9
130°-140°	178.2	3.7
140°-150°	99.8	2.1
150°-160°	50.2	1.1
160°-170°	22.8	0.5
170°-180°	6.6	0.1
0°-90°	2720.3	56.9
0°-180°	4780.6	100.0



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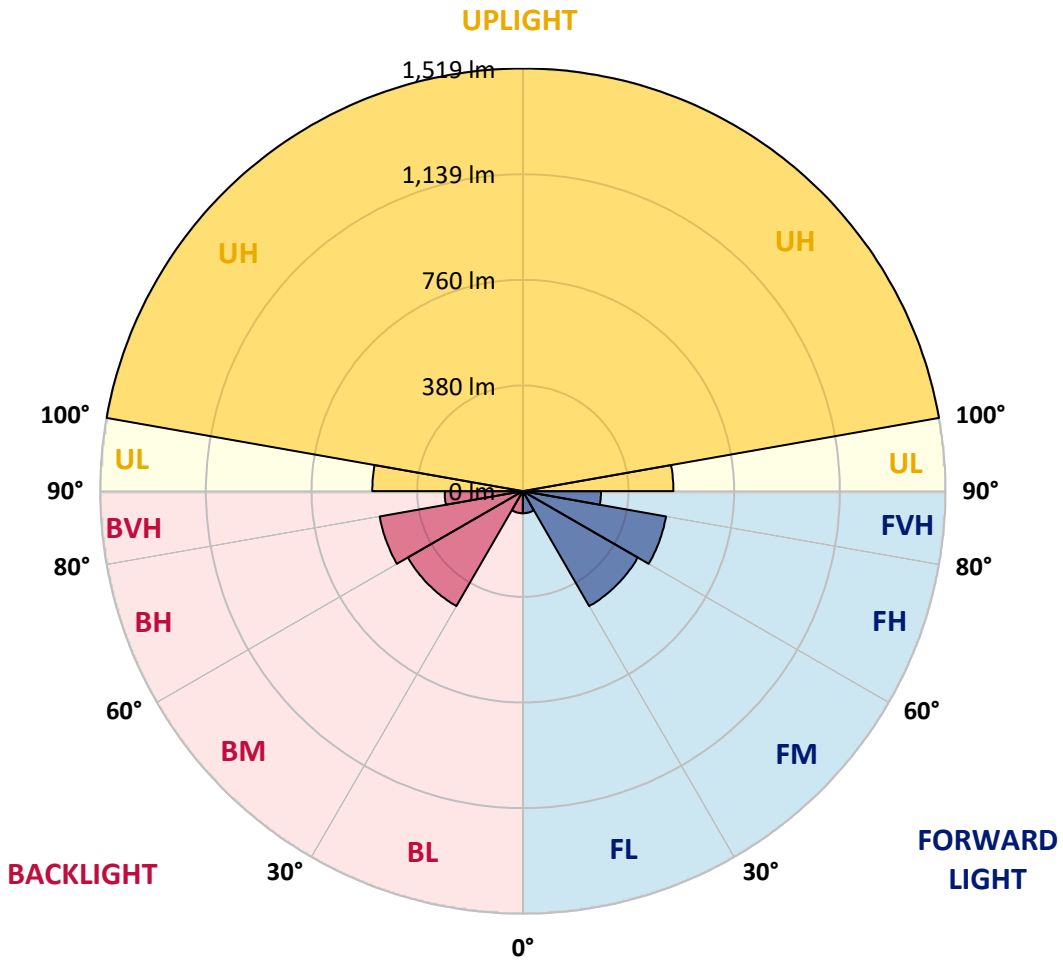
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	79.5	1.7			
FM	(30°-60°)	477.2	10.0			
FH	(60°-80°)	522.6	10.9			G0/660
FVH	(80°-90°)	280.9	5.9			G3/500
BL	(0°-30°)	79.5	1.7	B0/110		
BM	(30°-60°)	477.2	10.0	B1/1000		
BH	(60°-80°)	522.6	10.9	B2/1000		G0/660
BVH	(80°-90°)	280.9	5.9			G3/500
UL	(90°-100°)	541.2	11.3		U4/1000	
UH	(100°-180°)	1519.1	31.8		U5	

BUG Rating: B2-U5-G3
Type V Short



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REPORT NUMBER: P856297
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	*60.0*
2.5°	63.0	63.0	62.7	62.1	61.8	61.5	60.9	60.0	59.7	59.7	*59.7*
5°	68.5	68.8	68.8	68.5	68.8	68.3	68.3	67.7	68.0	68.0	*68.3*
7.5°	82.4	82.4	82.7	82.7	83.0	82.4	82.7	82.4	82.7	82.7	*82.4*
10°	100.3	100.3	100.9	100.3	100.6	100.0	99.7	99.7	100.6	100.3	*100.0*
12.5°	120.6	121.2	120.9	120.6	121.2	120.6	120.0	120.3	121.5	120.9	*120.6*
15°	142.1	142.7	143.3	142.4	142.7	142.4	142.1	142.4	143.6	143.0	*142.7*
17.5°	163.9	164.2	164.7	163.6	163.9	164.2	163.9	164.2	165.0	164.7	*164.5*
20°	185.6	186.2	186.8	185.6	185.9	186.2	185.9	186.2	187.4	186.8	*186.5*
22.5°	208.6	208.9	210.1	208.6	209.2	209.5	208.9	209.5	210.6	210.1	*209.8*
25°	232.4	232.1	233.9	232.7	233.0	233.6	233.0	233.6	235.1	235.1	*234.2*
27.5°	256.8	256.8	258.3	257.4	258.0	257.7	258.3	258.9	260.4	260.7	*259.8*
30°	281.3	281.3	283.6	282.1	283.0	283.3	283.3	283.9	285.7	286.3	*285.1*
32.5°	305.7	305.7	306.8	307.1	307.7	308.0	308.6	308.6	311.0	311.3	*310.7*
35°	329.5	329.5	330.7	331.3	332.7	332.1	333.0	333.0	335.7	336.0	*335.7*
37.5°	352.2	352.4	353.9	354.5	355.7	355.7	356.3	356.9	359.2	360.1	*359.8*
40°	373.6	374.2	375.4	376.6	377.7	377.7	378.0	378.9	381.6	382.5	*382.2*
42.5°	393.0	393.3	395.1	396.9	398.0	398.0	398.3	398.9	401.9	403.0	*403.0*
45°	410.1	411.0	413.3	415.7	416.9	416.6	416.6	417.5	420.7	422.2	*422.2*
47.5°	426.0	427.2	429.8	432.2	433.3	433.3	433.1	433.9	437.5	439.2	*438.4*
50°	440.1	441.0	443.9	447.5	448.4	448.4	447.5	448.4	452.2	454.5	*454.5*
52.5°	451.9	452.8	456.3	460.1	461.3	461.0	459.8	460.7	464.5	467.2	*466.9*
55°	461.9	463.1	466.9	471.6	472.8	471.9	470.4	471.3	475.4	478.9	*478.7*
57.5°	471.0	471.9	476.3	481.3	483.1	481.6	479.5	480.4	485.1	489.0	*489.2*
60°	478.7	479.5	484.5	490.4	491.9	490.1	487.5	488.4	493.7	498.1	*498.7*
62.5°	485.1	486.0	491.6	498.1	500.1	497.5	494.2	495.1	501.0	506.0	*506.3*
65°	490.4	491.3	497.8	504.5	506.6	503.7	499.8	500.7	507.2	512.8	*513.4*
67.5°	494.5	495.7	503.1	510.4	512.2	508.7	504.3	505.1	512.2	518.7	*519.3*
70°	498.1	499.5	507.2	515.1	517.2	513.1	507.8	509.0	516.9	523.4	*524.3*
72.5°	500.7	502.2	510.4	519.0	521.3	516.3	510.4	511.6	520.1	527.2	*528.1*
75°	502.5	504.0	512.8	521.9	524.0	518.7	512.2	513.4	522.2	529.8	*531.0*
77.5°	503.4	504.8	514.3	523.7	525.7	519.5	512.8	514.0	523.1	531.3	*532.5*
80°	*503.4*	*504.5*	*514.3*	*524.3*	*526.0*	*519.8*	*512.5*	*513.4*	*522.8*	*531.6*	*532.8*
82.5°	502.5	503.7	513.7	523.7	525.4	518.7	511.0	512.2	521.9	530.7	*532.2*
85°	500.4	501.6	511.6	521.9	523.7	516.3	508.4	509.5	519.3	528.7	*530.1*
87.5°	497.5	499.0	508.7	519.0	520.4	512.8	505.1	505.7	516.0	525.7	*526.9*
90°	494.0	495.4	504.5	514.8	516.3	508.7	500.7	501.6	511.6	521.6	*522.8*
92.5°	489.8	491.0	499.8	509.3	511.0	503.1	495.4	496.6	506.6	516.6	*518.1*
95°	484.5	485.4	493.7	502.5	504.0	496.9	489.2	490.4	500.4	510.1	*511.6*
97.5°	478.1	478.7	486.0	494.0	495.7	489.0	481.9	483.1	492.8	502.5	*504.3*
100°	470.7	471.0	477.5	484.2	485.7	480.1	473.7	475.1	484.2	494.2	*495.4*
102.5°	462.2	462.2	467.5	473.1	474.8	470.1	464.5	466.0	474.8	484.2	*485.7*
105°	452.8	451.9	455.7	460.1	462.2	458.7	454.5	455.7	463.9	473.1	*474.8*
107.5°	441.0	440.1	442.8	446.6	448.6	446.0	442.8	444.5	451.6	460.1	*461.9*
110°	427.8	426.6	427.8	430.7	433.1	431.3	429.5	431.0	437.8	445.7	*446.9*

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Scaled Data Report

REPORT NUMBER: P856297
CATALOG NUMBER: FFX-CLB-30-727-U-FG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	412.5	411.0	411.3	413.3	415.4	415.1	413.9	416.3	421.9	428.3	*429.8*
115°	394.8	393.3	392.5	393.6	395.4	396.6	397.8	399.2	403.6	408.9	*411.3*
117.5°	376.3	373.9	372.5	372.5	374.5	376.6	378.6	380.7	383.6	388.6	*389.5*
120°	354.8	353.3	351.3	351.3	353.0	355.1	358.3	360.7	362.4	366.0	*367.2*
122.5°	333.6	331.6	329.5	329.5	330.7	333.6	338.0	340.1	341.0	343.0	*343.9*
125°	312.1	309.8	307.4	307.4	308.6	311.6	316.6	318.3	318.9	319.8	*320.7*
127.5°	290.4	288.0	286.0	285.1	286.8	289.2	294.2	296.5	296.8	296.8	*297.4*
130°	268.6	266.8	264.8	263.9	265.7	267.7	273.3	275.7	274.5	274.5	*274.8*
132.5°	248.0	246.2	244.2	243.6	244.8	247.4	252.4	254.5	253.6	252.4	*252.7*
135°	228.0	226.5	223.9	223.6	225.4	226.5	231.2	233.3	232.4	231.2	*231.5*
137.5°	208.9	207.4	205.1	204.8	206.5	208.0	211.5	213.6	212.4	211.2	*211.5*
140°	190.6	188.9	187.1	186.8	188.0	189.5	192.7	193.9	192.7	191.8	*192.1*
142.5°	173.6	172.4	170.3	170.3	170.9	172.1	174.8	175.9	174.8	173.6	*173.0*
145°	157.4	155.9	154.7	154.5	155.0	156.2	158.0	159.2	158.0	157.1	*156.5*
147.5°	143.0	141.8	140.6	140.6	140.9	141.8	143.3	143.6	142.7	142.1	*141.5*
150°	129.7	128.6	128.0	127.7	128.0	128.3	129.4	130.0	129.2	128.6	*128.0*
152.5°	117.7	116.8	116.2	116.5	116.5	116.8	117.1	117.4	116.5	116.5	*115.9*
155°	107.1	106.5	105.9	106.2	106.2	106.2	106.5	106.5	105.9	105.9	*105.6*
157.5°	98.3	97.7	97.4	97.7	97.7	97.4	97.7	97.7	97.1	97.1	*96.8*
160°	90.6	90.0	90.0	90.0	90.0	89.7	90.3	90.0	89.7	89.4	*89.4*
162.5°	84.4	83.8	83.8	84.1	83.8	83.8	83.8	83.8	83.6	83.6	*83.3*
165°	79.4	78.8	78.8	79.1	78.8	78.8	78.8	78.8	78.6	78.6	*78.6*
167.5°	75.3	75.0	75.0	75.0	75.0	74.7	75.0	75.0	74.7	74.7	*74.7*
170°	72.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.5	*71.5*
172.5°	70.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.4	69.4	*69.4*
175°	68.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.0	*68.0*
177.5°	67.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.1	*67.1*
180°	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	*67.1*

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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-3

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

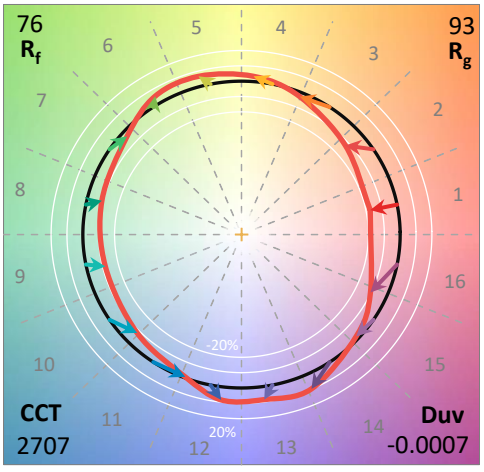
Test Information

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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Peachtree City, GA 30269

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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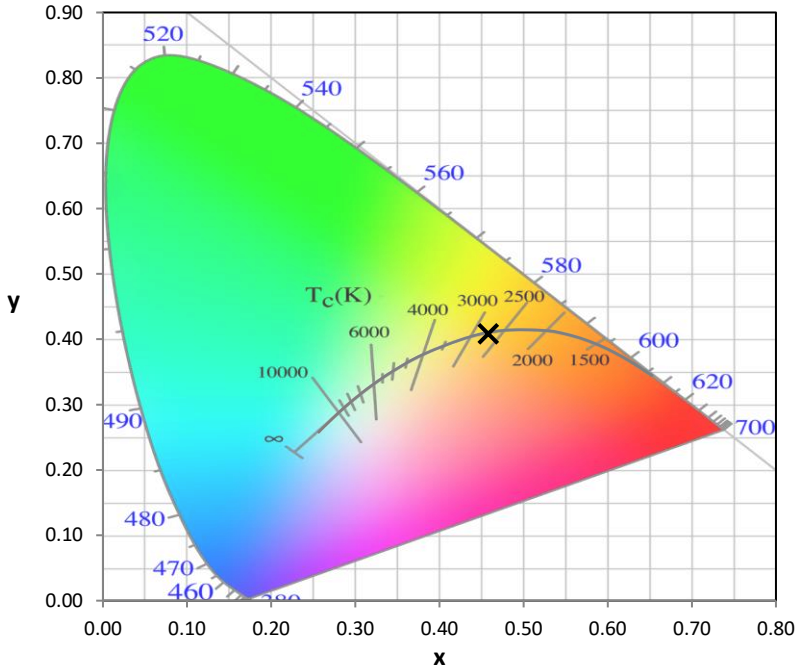
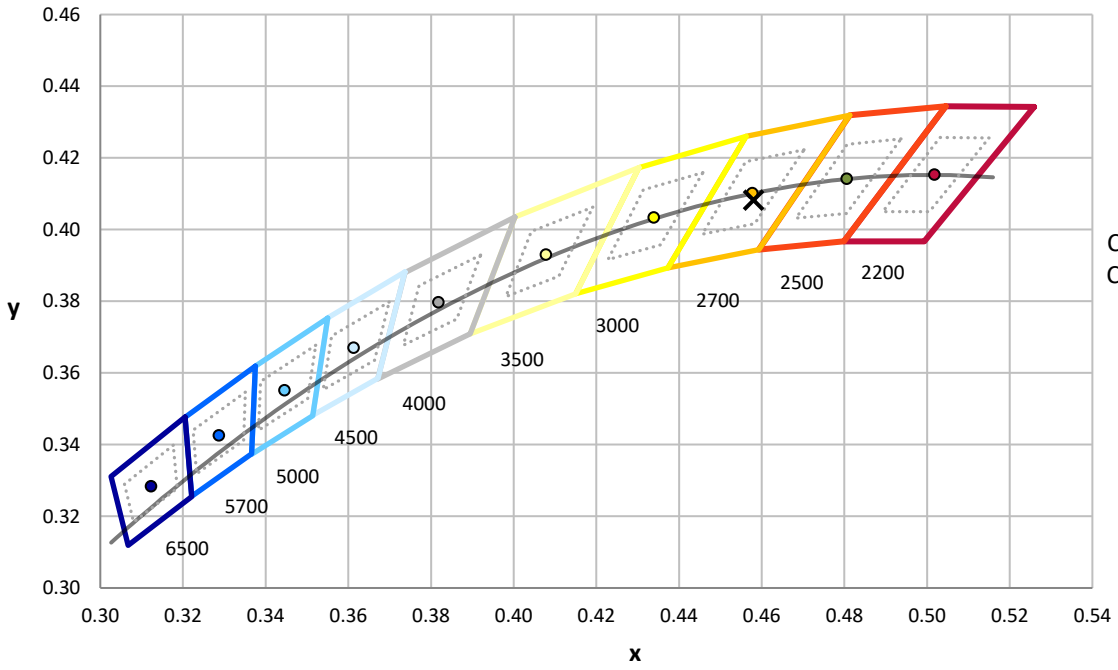
REPORT NUMBER: SP1-2406-133-3

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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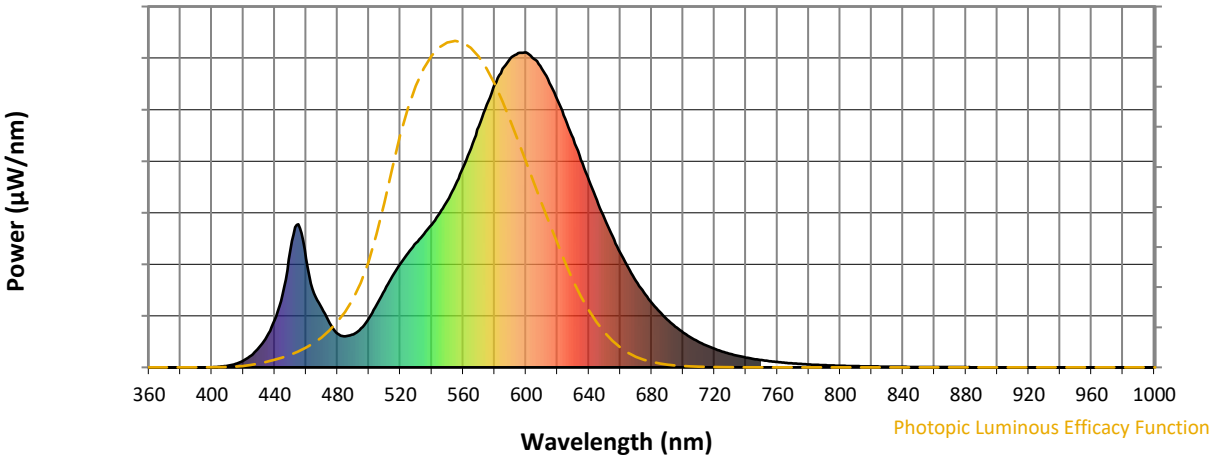
REPORT NUMBER: SP1-2406-133-3

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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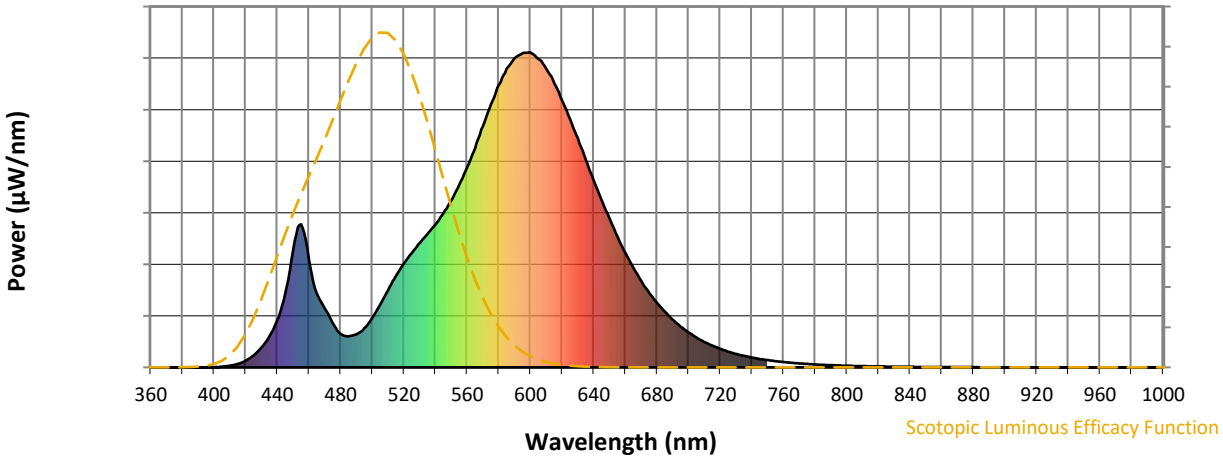
Scotopic Flux vs. Wavelength



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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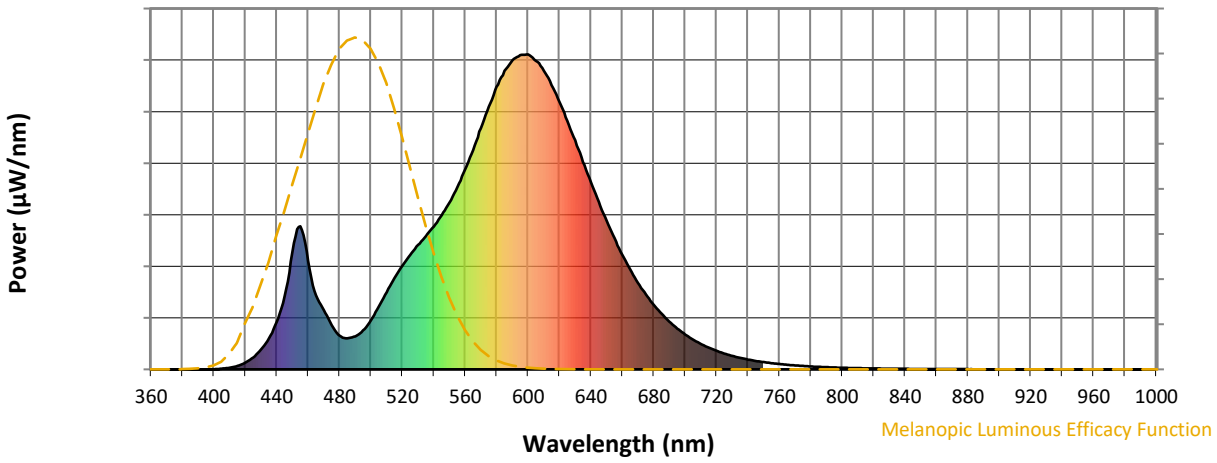
Melanopic Flux vs. Wavelength



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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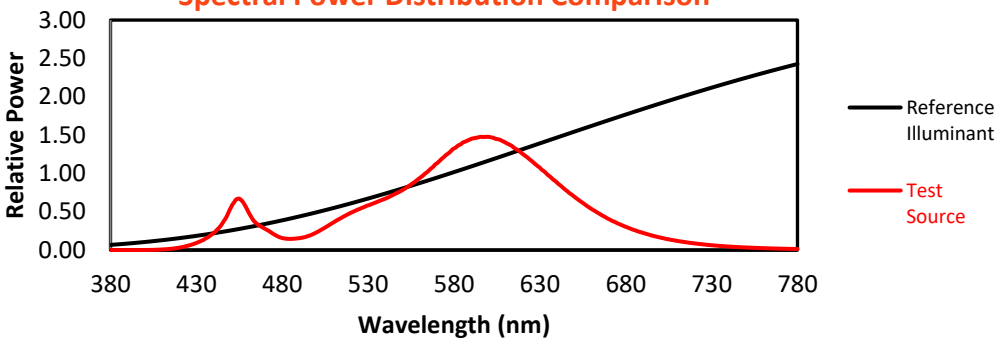
TM-30-18

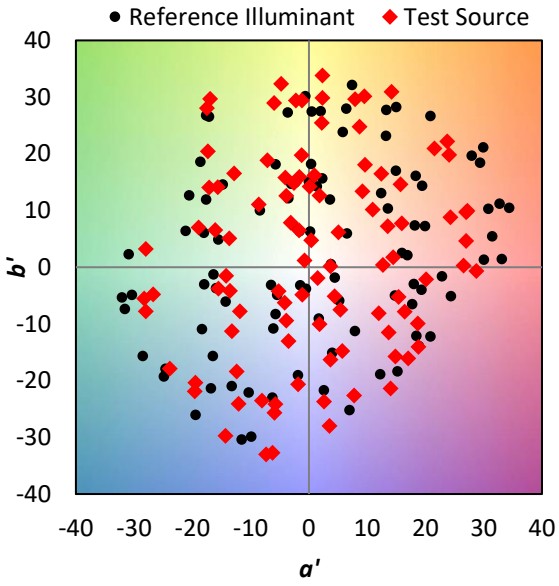
Summary

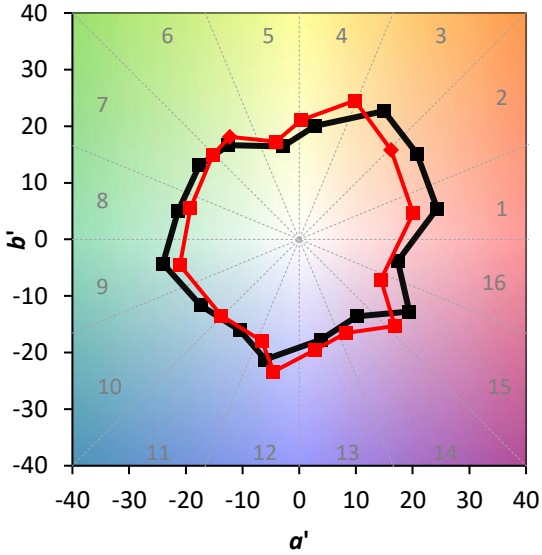
R_f = 75.5
R_g = 92.5
CIE R_a = 71.3
R_9 = -34.9

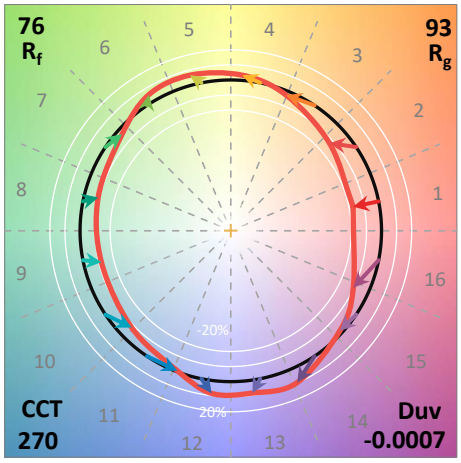
Spectral Power Distribution Comparison

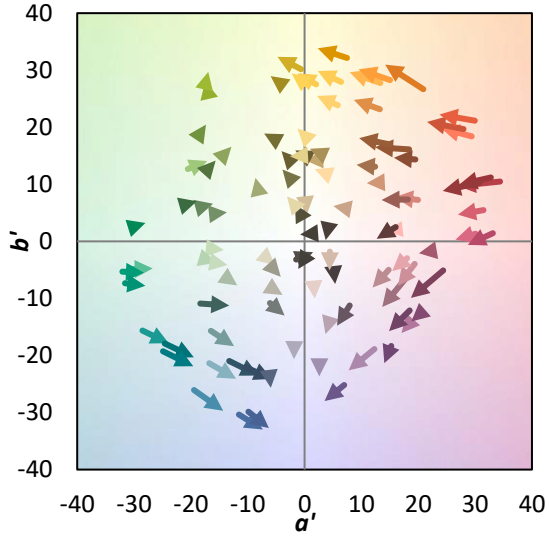


Color Vector Graphics









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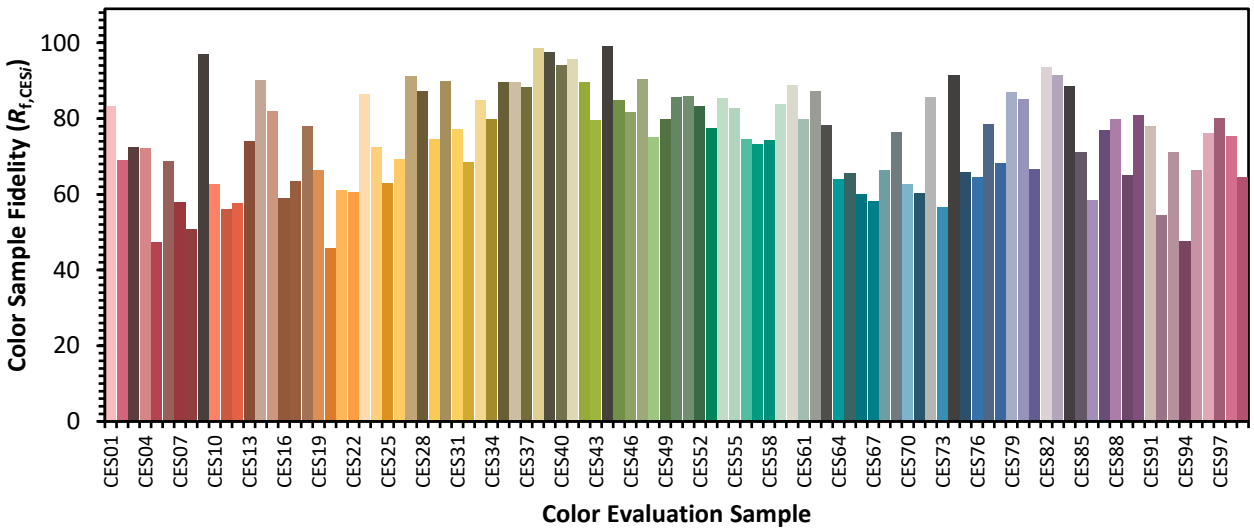
Individual Sample Fidelity Index ($R_{f,i}$)

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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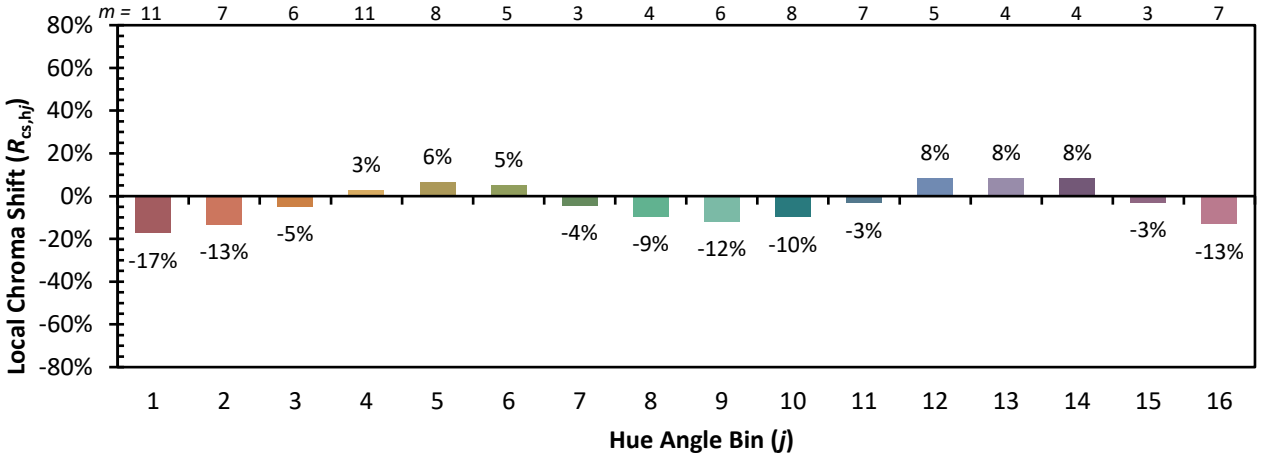
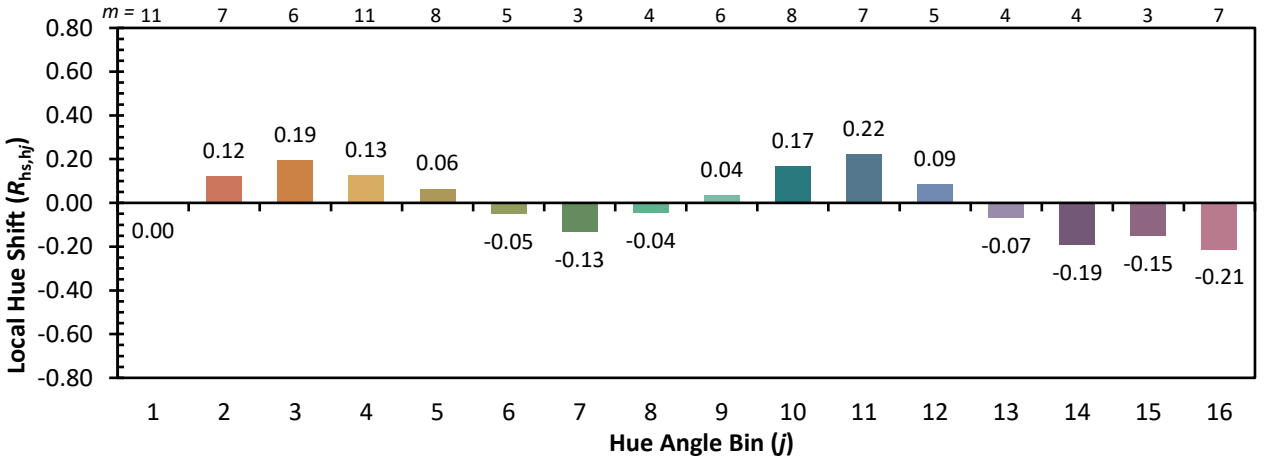
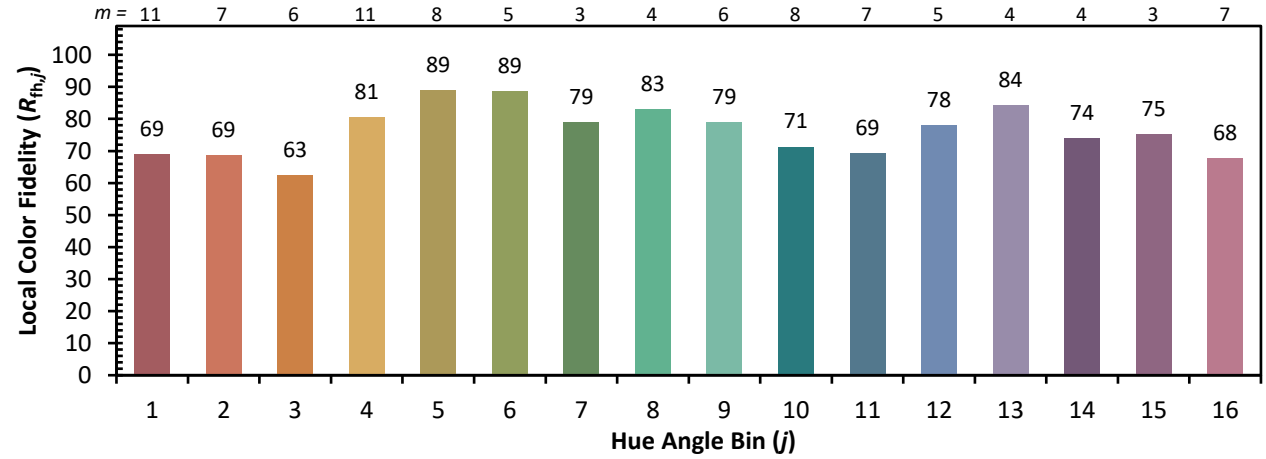
Color Rendition by Hue-Angle Bin







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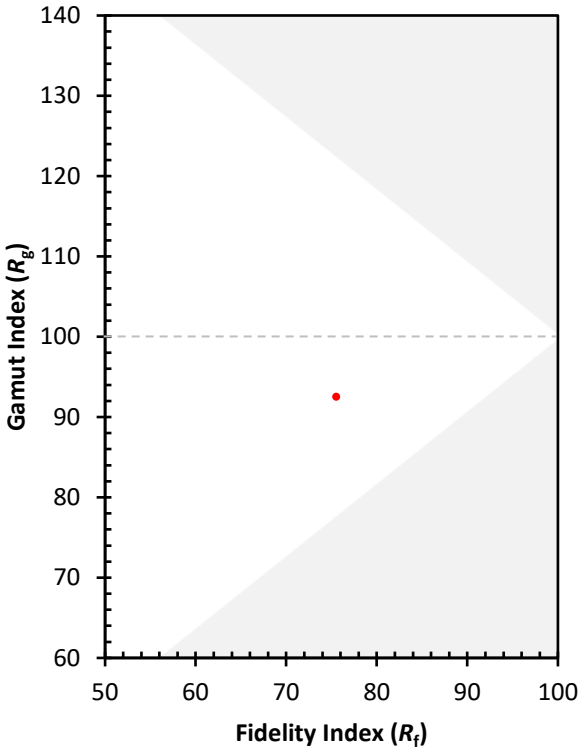
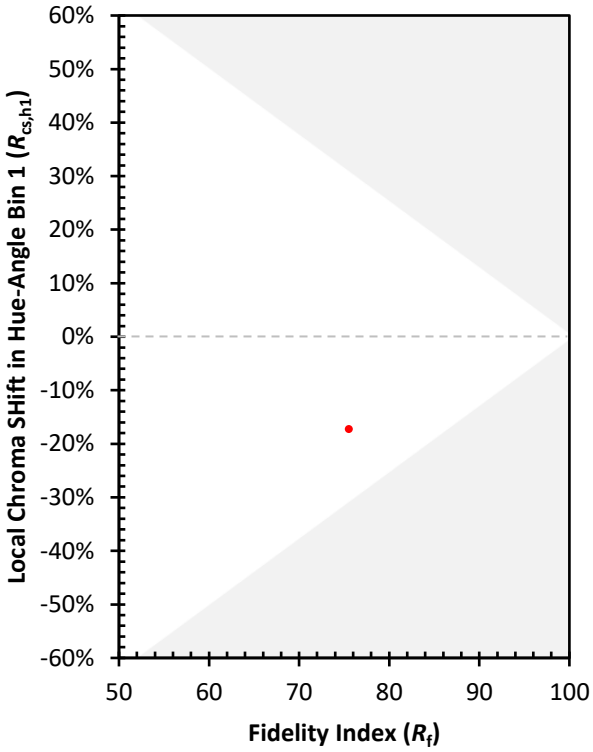
Measure Comparisons





(END OF REPORT)