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: P856369

Luminaire Tested: **FFX-CLB-30-750-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:	P856369
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-750-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:	4933.8 lumens
Efficiency:	N/A
Efficacy:	161.8 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
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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Scaled Data Report

REPORT NUMBER: P856369
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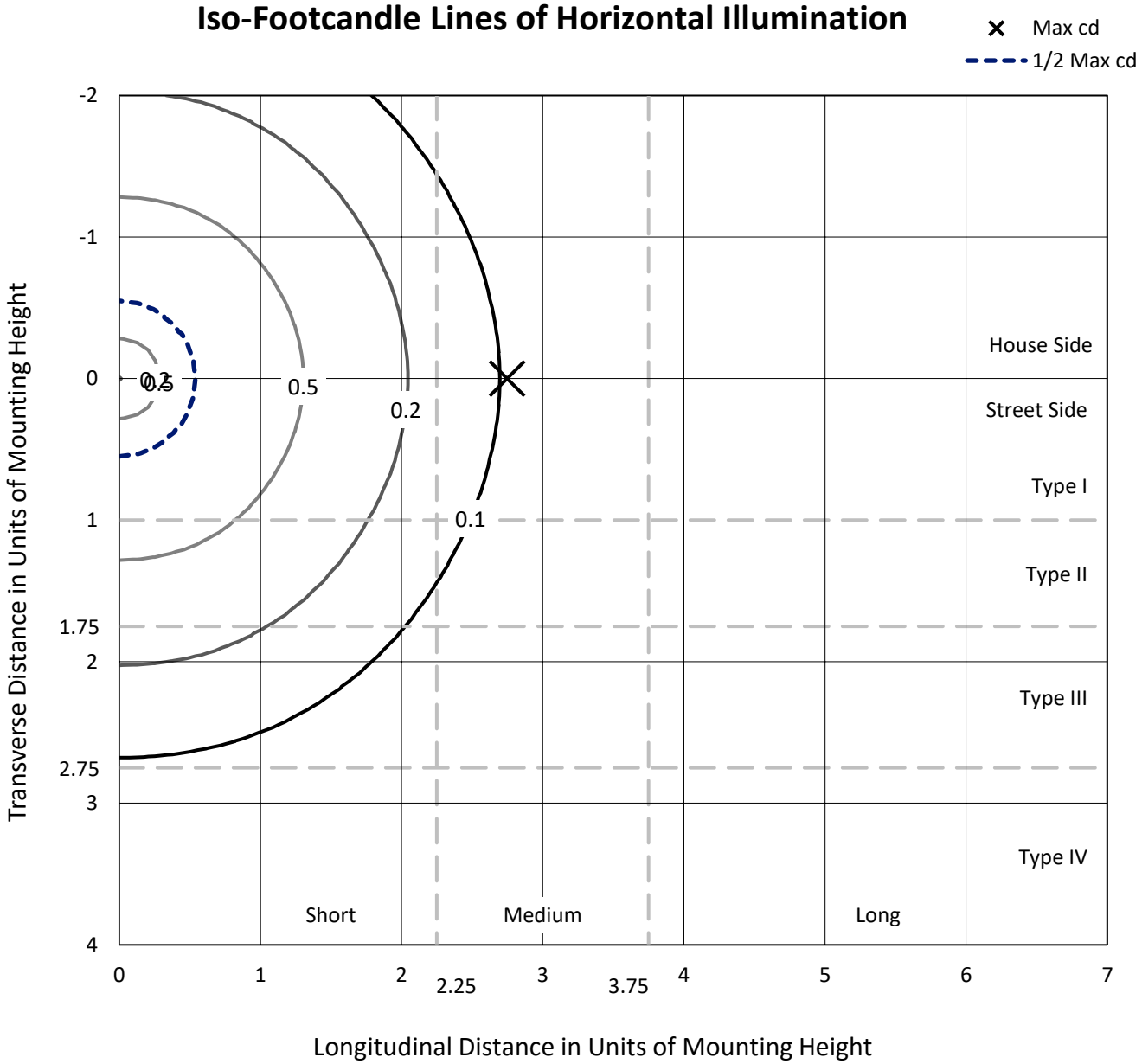
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

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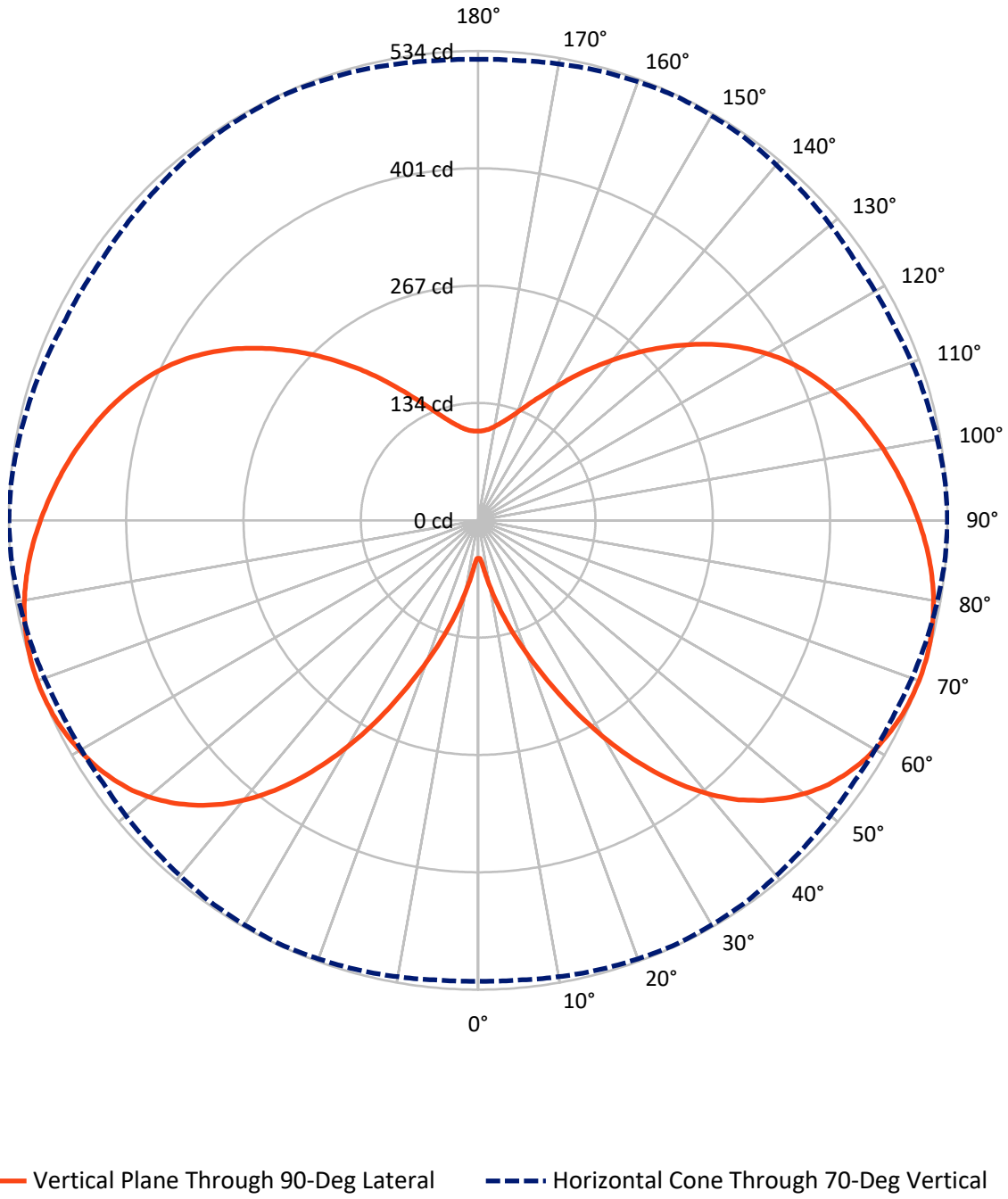
Luminous Intensity Polar Plot



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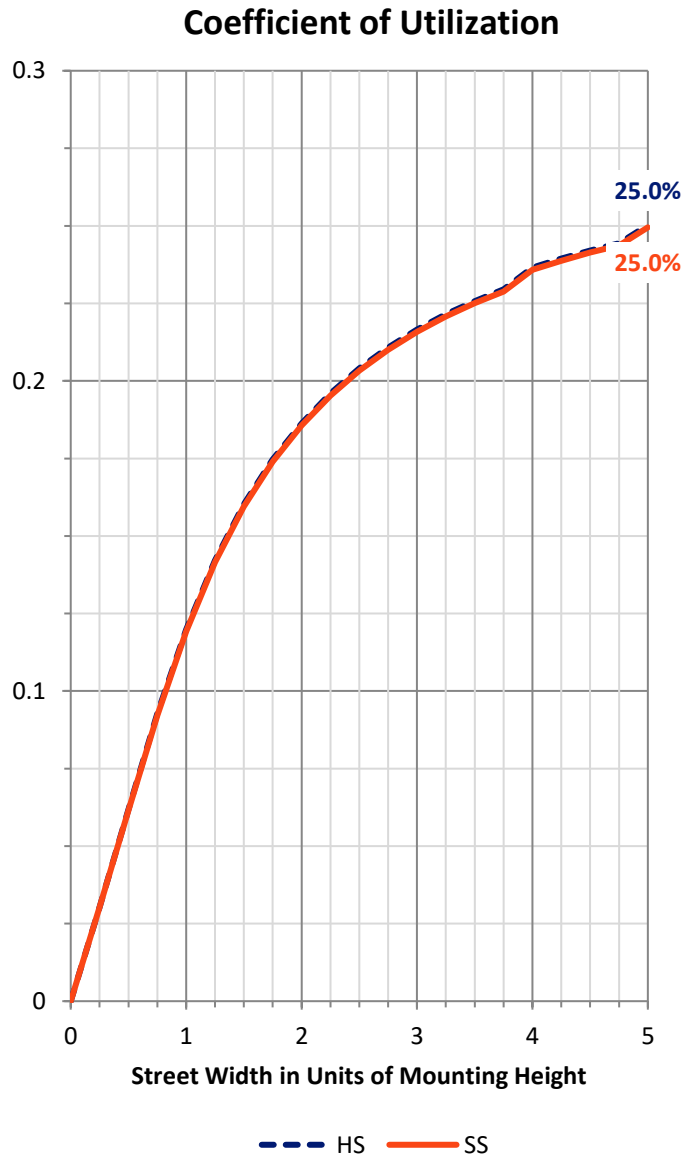
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1397.2	1069.7	2466.9
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	1397.2	1069.7	2466.9
	% Fixture	28.3	21.7	50.0
Total	Lumens	2794.4	2139.4	4933.8
	% Fixture	56.6	43.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.8	0.1
10°-20°	35.3	0.7
20°-30°	105.4	2.1
30°-40°	220.4	4.5
40°-50°	345.9	7.0
50°-60°	448.9	9.1
60°-70°	519.7	10.5
70°-80°	556.3	11.3
80°-90°	556.8	11.3
90°-100°	525.1	10.6
100°-110°	469.8	9.5
110°-120°	395.0	8.0
120°-130°	303.0	6.1
130°-140°	207.3	4.2
140°-150°	126.5	2.6
150°-160°	69.1	1.4
160°-170°	33.5	0.7
170°-180°	10.0	0.2
0°-90°	2794.4	56.6
0°-180°	4933.8	100.0



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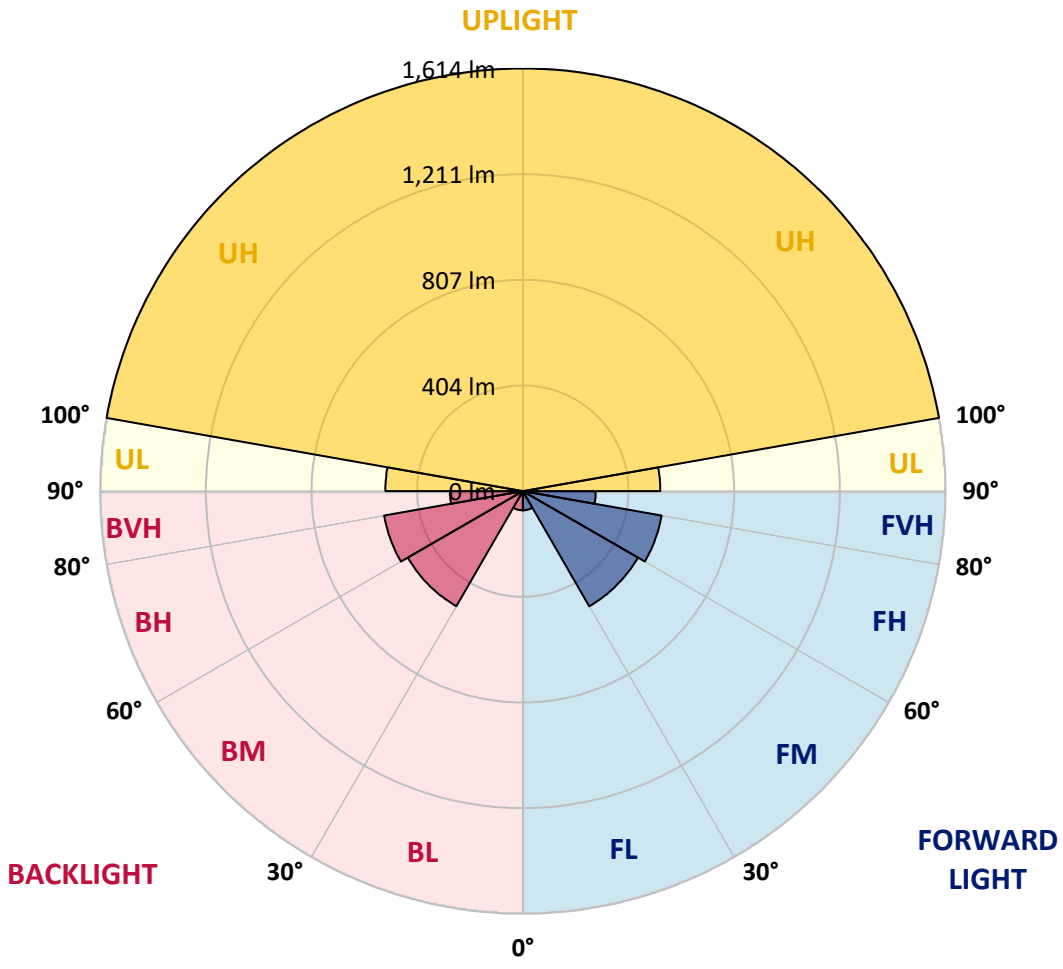
CATALOG NUMBER: FFX-CLB-30-750-U-VM8

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	73.3	1.5			
FM	(30°-60°)	507.6	10.3			
FH	(60°-80°)	538.0	10.9			G0/660
FVH	(80°-90°)	278.4	5.6			G3/500
BL	(0°-30°)	73.3	1.5	B0/110		
BM	(30°-60°)	507.6	10.3	B1/1000		
BH	(60°-80°)	538.0	10.9	B2/1000		G0/660
BVH	(80°-90°)	278.4	5.6			G3/500
UL	(90°-100°)	525.1	10.6		U4/1000	
UH	(100°-180°)	1614.3	32.7		U5	

BUG Rating: B2-U5-G3
Type V Short



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REPORT NUMBER: P856369
CATALOG NUMBER: FFX-CLB-30-750-U-VM8

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	*43.3*
2.5°	45.2	45.2	44.9	44.9	44.6	44.3	44.3	44.3	44.0	44.0	*43.6*
5°	51.5	51.2	51.2	50.9	51.2	50.9	50.9	50.9	50.9	50.3	*50.3*
7.5°	63.9	63.6	63.6	63.2	63.9	63.2	63.2	63.6	63.6	63.2	*63.2*
10°	80.0	79.7	79.7	79.1	79.7	79.4	79.4	78.7	79.1	78.7	*79.1*
12.5°	99.3	98.3	98.3	98.0	98.7	98.3	98.0	97.4	98.0	97.7	*97.7*
15°	119.2	119.5	119.2	118.9	119.5	119.5	119.2	118.6	119.2	118.6	*118.9*
17.5°	141.3	141.3	141.3	140.4	141.3	141.7	141.3	140.7	141.0	141.3	*141.3*
20°	165.4	165.4	165.7	165.1	166.6	165.7	165.4	165.1	165.4	165.7	*166.0*
22.5°	191.9	191.9	192.3	191.9	192.9	192.9	192.6	192.6	192.9	193.5	*193.5*
25°	221.3	221.7	221.7	220.7	222.9	223.6	222.9	222.9	223.6	224.5	*224.5*
27.5°	251.7	253.0	252.3	252.3	255.2	255.5	255.2	255.5	256.4	257.4	*257.7*
30°	283.0	283.9	285.2	284.3	287.4	287.7	288.1	288.4	289.6	291.2	*291.2*
32.5°	314.3	315.3	315.9	315.9	320.0	319.7	319.4	320.6	322.5	323.2	*324.1*
35°	345.6	345.6	346.2	346.6	350.7	350.4	351.0	351.9	353.8	355.1	*355.7*
37.5°	373.7	373.1	374.7	375.3	378.5	378.8	379.1	380.7	382.9	384.5	*385.1*
40°	399.4	398.7	400.6	401.6	404.4	404.4	405.1	407.0	409.5	411.1	*411.4*
42.5°	422.1	421.8	423.7	425.0	427.8	427.5	427.2	429.7	432.6	434.5	*435.1*
45°	441.7	441.4	443.9	445.5	447.7	447.1	447.1	449.3	452.5	454.7	*455.0*
47.5°	458.5	458.5	461.3	463.2	465.1	464.2	463.6	465.8	468.9	472.1	*472.4*
50°	473.4	473.0	476.2	478.4	480.0	478.7	477.8	480.0	483.5	486.6	*487.3*
52.5°	485.1	485.7	488.8	491.7	493.0	491.1	489.5	491.7	495.5	499.0	*499.6*
55°	495.2	495.5	499.0	502.4	503.1	500.5	498.6	500.5	504.7	508.5	*509.1*
57.5°	503.1	503.7	507.8	511.0	511.3	508.5	506.2	507.8	512.2	516.0	*517.0*
60°	510.0	510.7	514.5	517.9	518.3	514.8	511.9	513.2	517.9	522.4	*523.0*
62.5°	515.4	516.4	520.5	523.6	523.6	519.5	516.0	517.3	522.4	527.1	*527.7*
65°	519.8	520.8	524.9	528.1	527.7	523.0	519.2	520.5	525.8	530.6	*531.5*
67.5°	523.0	523.6	528.1	531.2	530.0	524.9	521.1	522.0	527.7	532.5	*533.4*
70°	*524.9*	*525.5*	*530.0*	*532.8*	*530.9*	*525.5*	*521.4*	*522.7*	*528.4*	*533.4*	*534.4*
72.5°	525.8	526.8	530.9	533.4	531.2	525.2	520.8	522.4	528.1	533.4	*534.1*
75°	525.5	526.2	530.3	532.5	529.6	523.9	519.2	520.8	526.8	531.5	*532.5*
77.5°	523.9	524.6	528.4	530.3	526.8	521.1	516.7	518.3	523.9	528.7	*529.6*
80°	521.4	522.0	525.5	526.8	523.3	517.6	513.5	515.1	520.5	524.9	*525.8*
82.5°	517.3	518.3	521.4	522.0	518.3	513.2	509.1	510.7	515.7	519.8	*520.5*
85°	512.2	512.9	515.7	516.0	512.2	507.8	504.3	505.9	510.3	513.5	*514.5*
87.5°	506.6	506.6	509.4	509.4	505.3	501.2	498.6	499.9	504.0	506.6	*507.5*
90°	499.6	499.9	501.8	501.5	497.7	494.2	492.0	493.6	497.1	499.3	*499.9*
92.5°	492.0	492.3	493.9	493.3	489.5	486.6	484.7	486.6	489.8	491.4	*492.0*
95°	483.8	484.1	485.4	484.1	480.6	478.4	476.8	479.0	481.6	483.2	*483.8*
97.5°	475.3	475.6	476.5	475.3	471.5	469.6	468.9	470.8	473.4	474.6	*475.3*
100°	466.4	466.4	467.0	465.1	462.0	460.4	460.1	462.3	464.8	466.1	*466.7*
102.5°	456.6	456.9	456.9	455.0	451.9	450.9	450.9	453.4	456.0	456.9	*457.5*
105°	446.5	446.5	446.5	444.9	441.4	440.8	441.1	443.6	446.5	447.7	*448.4*
107.5°	435.4	435.7	435.1	433.5	430.7	430.0	430.7	434.1	436.7	437.9	*438.6*
110°	423.7	424.0	423.7	421.8	419.3	419.0	419.9	423.4	425.9	427.2	*428.1*

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Scaled Data Report

REPORT NUMBER: P856369
CATALOG NUMBER: FFX-CLB-30-750-U-VM8

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	411.4	411.7	411.4	409.8	407.3	407.3	408.5	412.0	414.9	415.8	*416.8*
115°	398.4	398.7	398.1	396.8	394.3	394.9	396.2	399.7	402.5	403.5	*404.7*
117.5°	384.5	384.8	384.5	382.9	380.7	381.3	383.2	386.7	389.2	390.2	*391.5*
120°	369.3	369.3	369.3	367.7	365.5	366.8	368.7	372.5	374.7	375.3	*376.6*
122.5°	353.8	353.2	353.2	352.2	349.7	351.3	353.2	357.0	359.2	359.5	*360.5*
125°	336.8	337.1	336.1	335.5	333.3	335.2	336.8	340.5	342.4	342.8	*343.7*
127.5°	318.4	319.4	318.4	317.5	315.9	317.8	319.7	323.2	324.7	325.1	*325.7*
130°	301.3	301.3	300.4	299.8	298.2	300.1	302.0	305.1	306.7	306.7	*307.3*
132.5°	284.3	283.3	283.0	282.4	280.5	282.7	283.9	287.1	288.4	288.1	*288.7*
135°	265.6	265.6	264.7	264.3	262.8	265.0	266.2	269.1	270.0	269.7	*270.4*
137.5°	248.2	248.2	247.6	247.0	246.0	247.9	249.2	251.4	252.3	251.4	*252.3*
140°	231.1	231.1	230.8	230.2	229.2	231.1	232.1	234.0	234.9	234.0	*234.6*
142.5°	215.3	214.7	214.4	214.1	212.8	214.7	215.3	217.2	217.5	216.9	*217.9*
145°	198.6	198.9	198.6	198.3	197.3	198.9	199.5	201.1	201.4	200.8	*201.7*
147.5°	184.7	183.7	184.0	183.7	182.8	184.3	184.7	185.6	186.2	185.6	*186.2*
150°	170.7	170.1	170.1	169.8	169.2	170.4	170.7	171.7	172.0	171.4	*172.0*
152.5°	158.4	158.1	158.1	157.8	157.2	158.1	158.4	159.0	159.4	158.7	*159.0*
155°	147.3	147.0	147.0	146.7	146.1	147.0	147.0	147.7	148.0	147.7	*148.0*
157.5°	137.5	137.2	137.2	137.2	136.6	137.2	137.2	137.9	137.9	137.5	*137.9*
160°	129.6	129.0	129.3	129.0	128.4	129.0	129.0	129.3	129.3	129.3	*129.3*
162.5°	122.4	122.4	122.4	122.1	121.7	122.1	122.1	122.4	122.4	122.4	*122.1*
165°	116.7	116.7	116.7	116.4	116.0	116.4	116.4	116.4	116.4	116.4	*116.4*
167.5°	111.9	111.6	111.9	111.6	111.3	111.6	111.6	111.6	111.6	111.6	*111.6*
170°	107.8	107.8	107.8	107.8	107.5	107.8	107.8	107.8	107.8	107.8	*107.8*
172.5°	105.3	105.0	105.0	105.0	104.7	105.0	104.7	105.0	104.7	105.0	*104.7*
175°	103.1	103.1	103.1	103.1	102.8	102.8	102.8	102.8	102.8	102.8	*102.8*
177.5°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	*101.8*
180°	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	*101.5*

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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

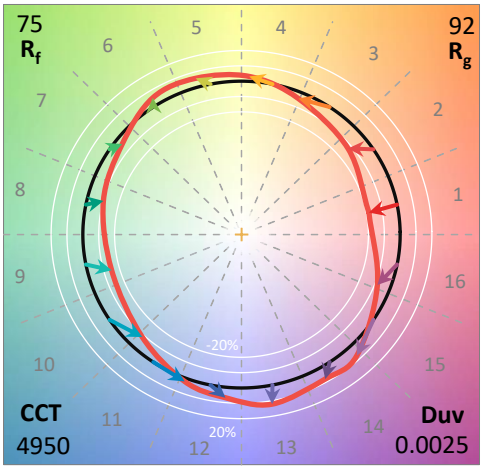
Test Information

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
1121 Highway 74 South
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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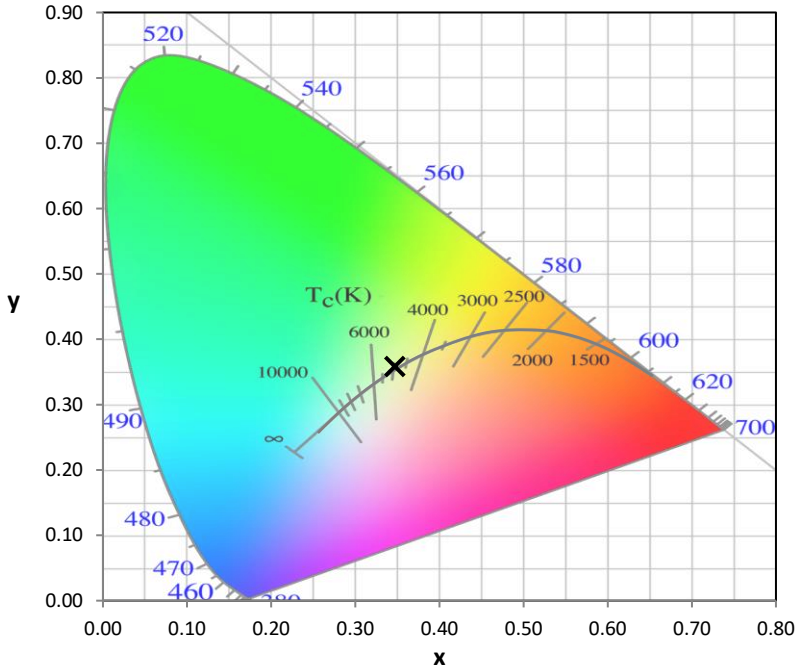
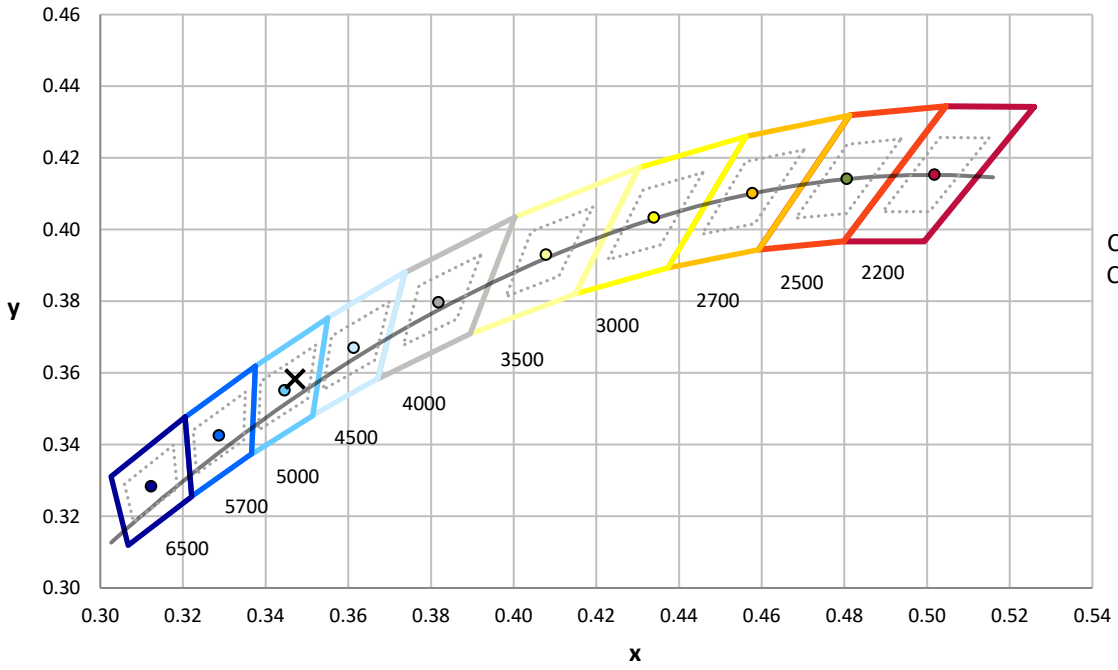
REPORT NUMBER: SP1-2406-133-5

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

Cooper Lighting Solutions Photometric Lab
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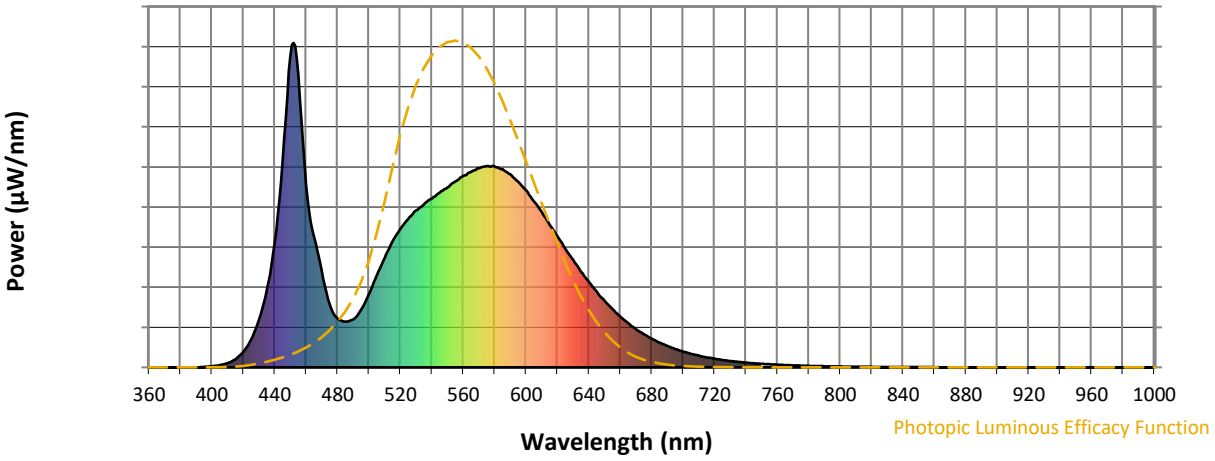
Peachtree City, GA 30269

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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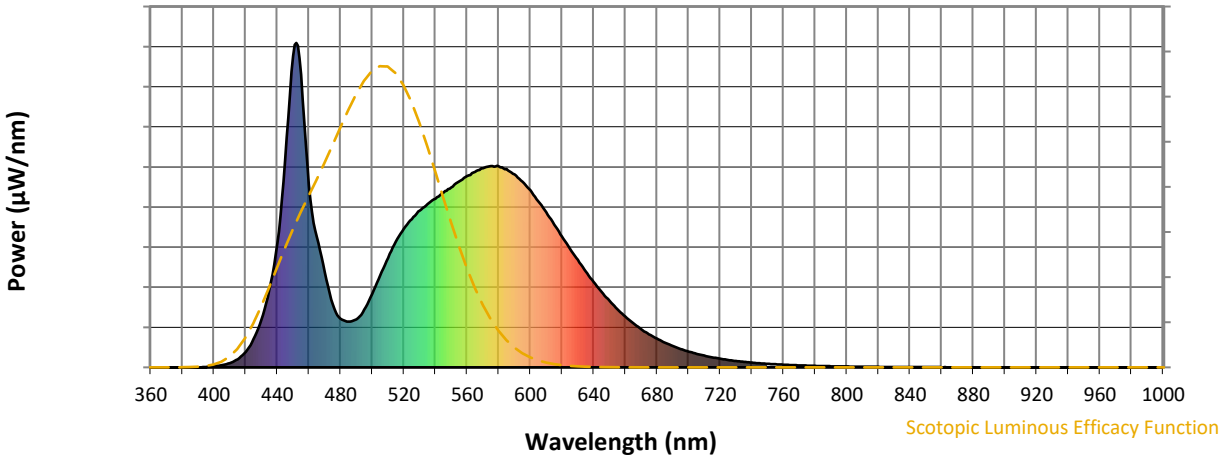
Scotopic Flux vs. Wavelength



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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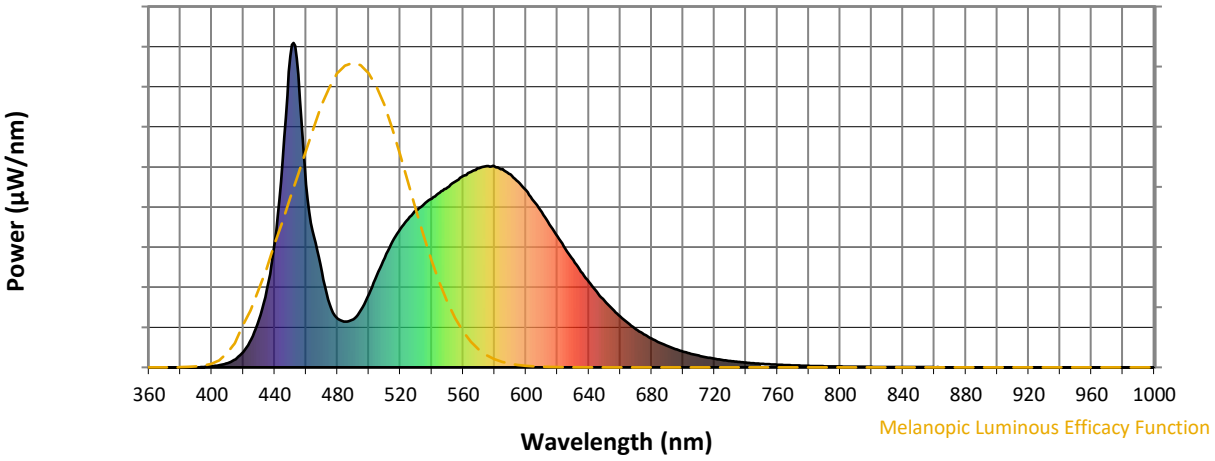
Melanopic Flux vs. Wavelength



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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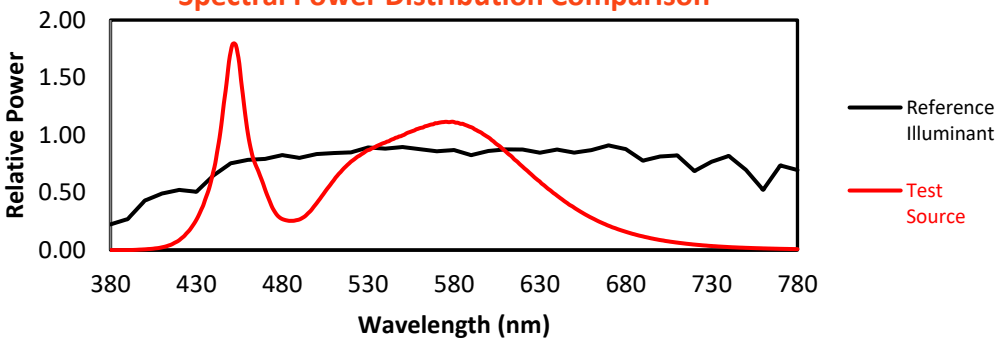
TM-30-18

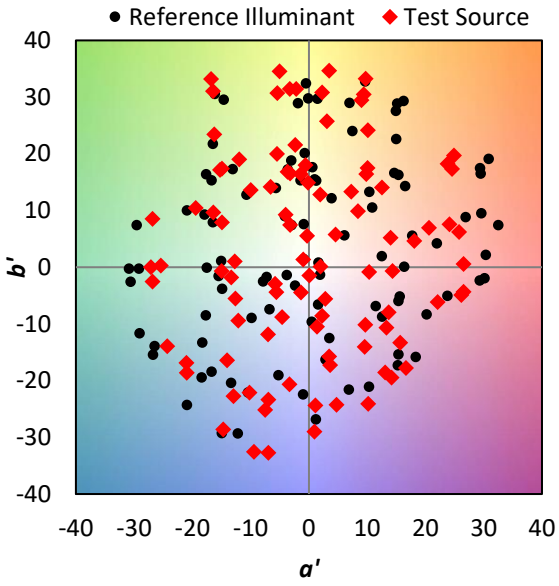
Summary

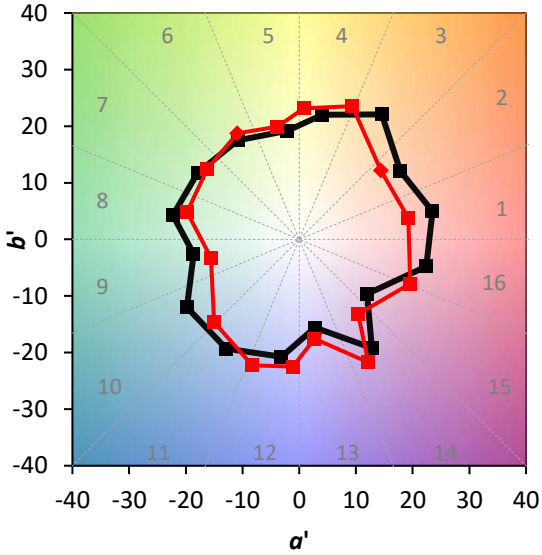
R_f = 74.8
R_g = 92.4
CIE R_a = 73.0
R_9 = -35.4

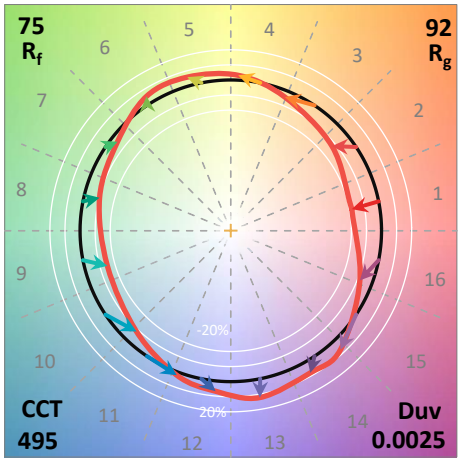
Spectral Power Distribution Comparison

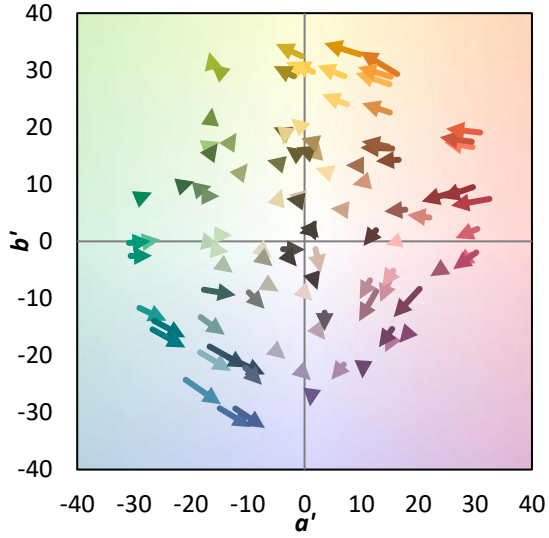


Color Vector Graphics









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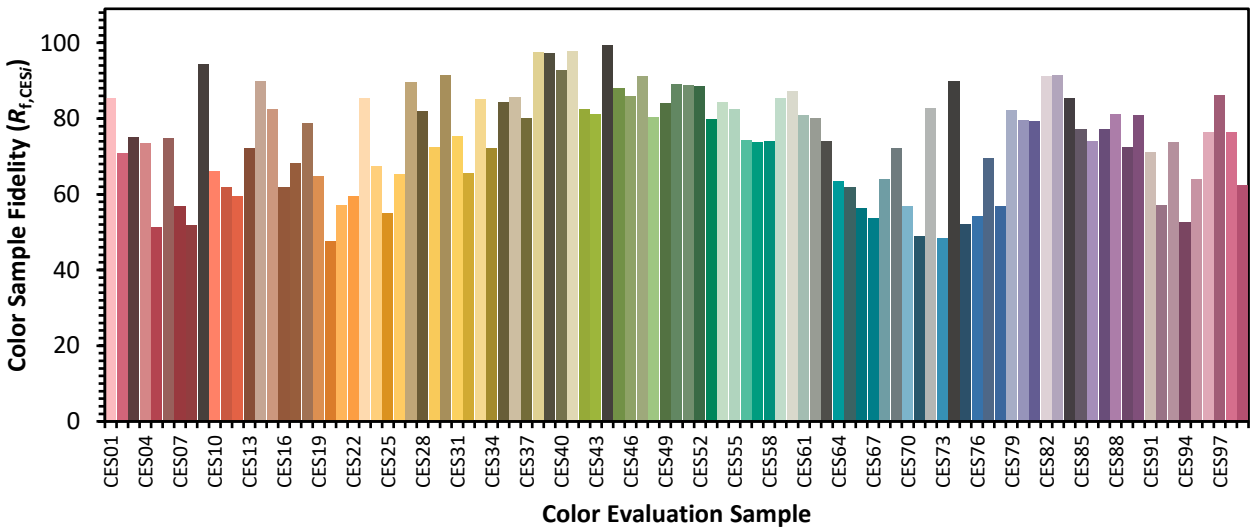
Individual Sample Fidelity Index ($R_{f,i}$)

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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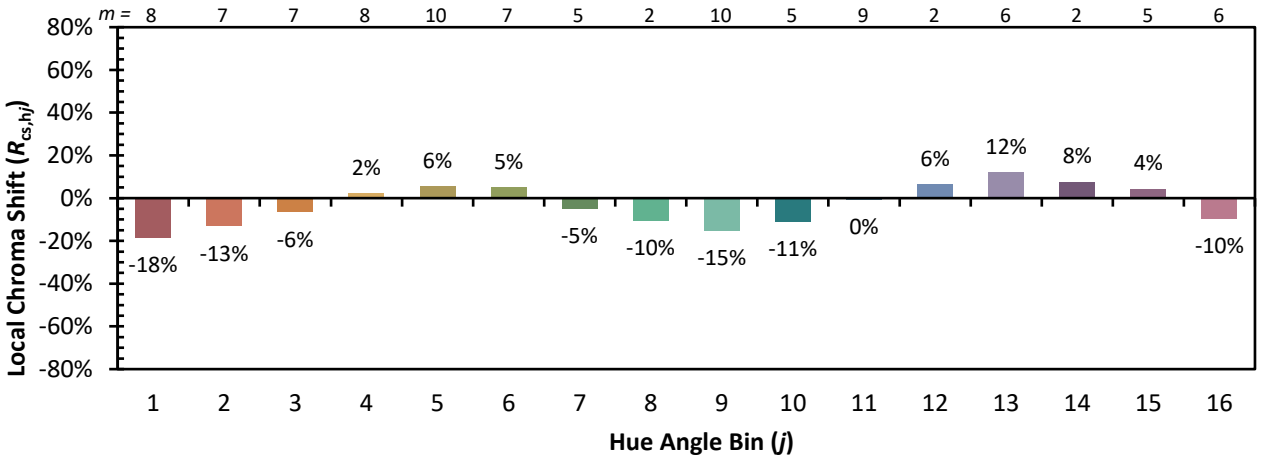
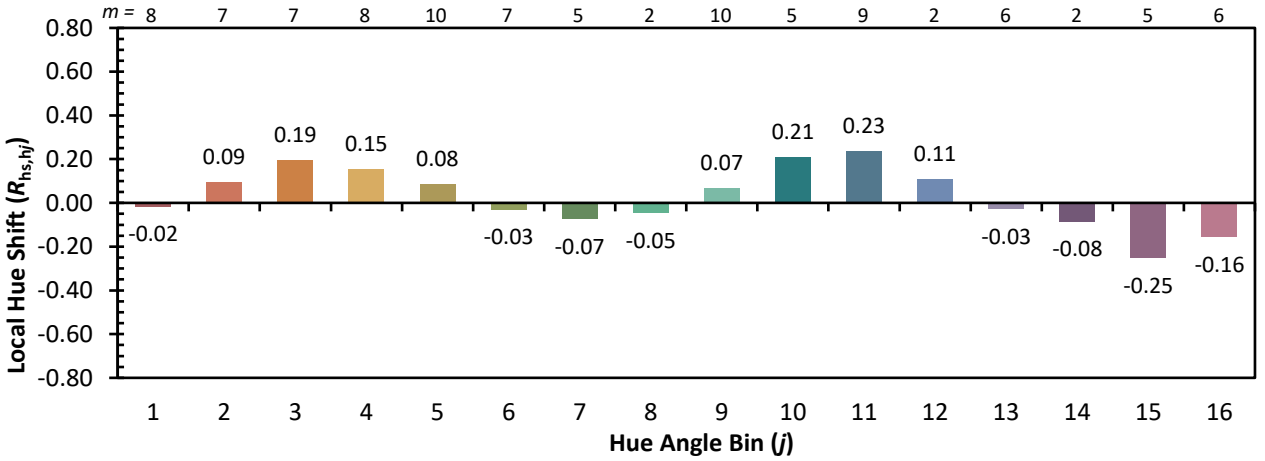
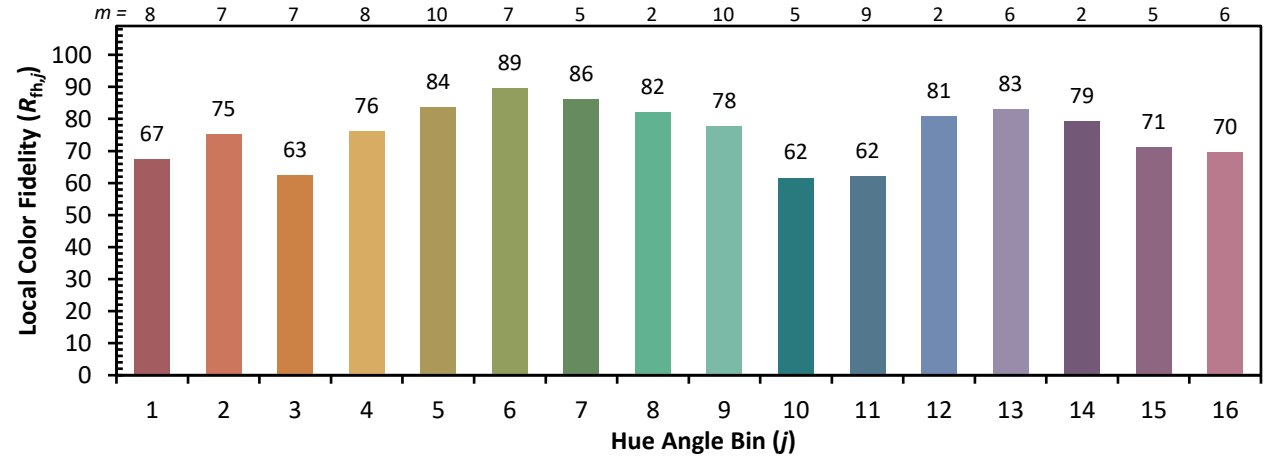
Color Rendition by Hue-Angle Bin







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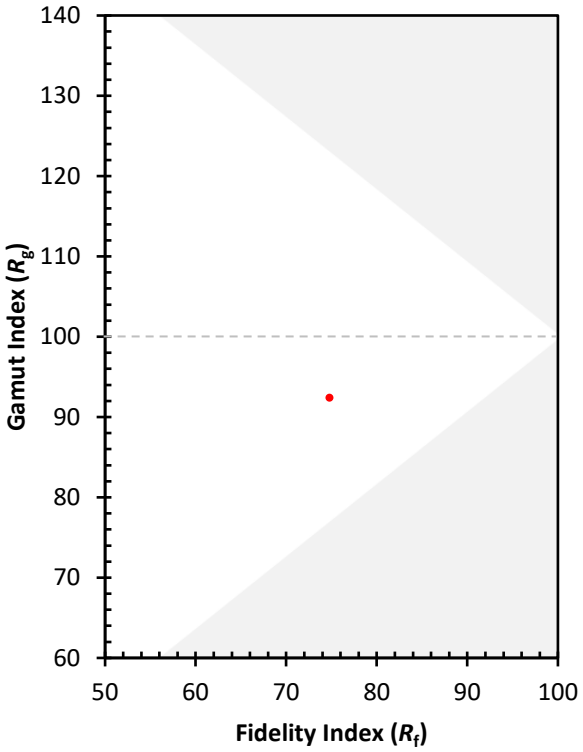
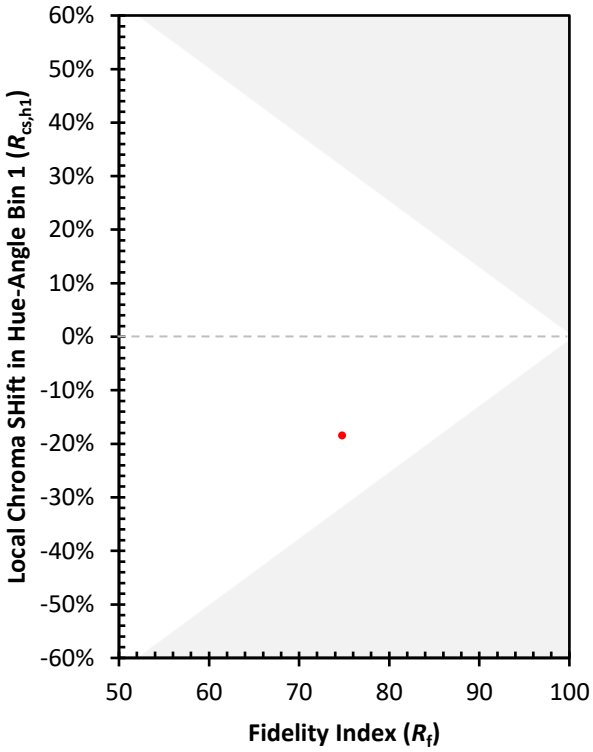
Measure Comparisons





(END OF REPORT)