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: P856269

Luminaire Tested: **FFX-CLB-40-740-U-PG**

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:	P856269
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-40-740-U-PG
Description:	FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6630.7 lumens
Efficiency:	N/A
Efficacy:	168.7 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):	39.3
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.2%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P856269
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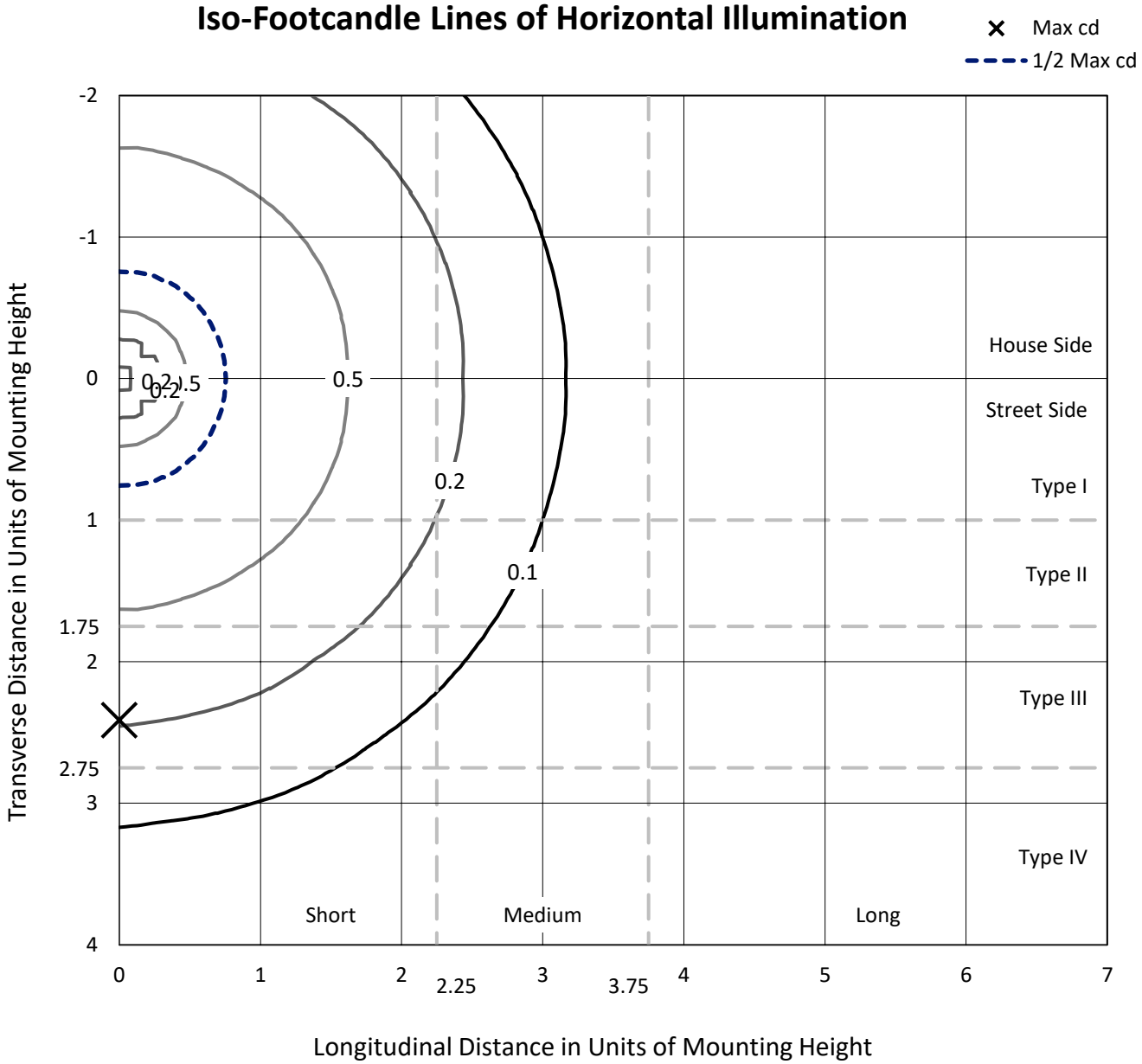
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1 fc
Type V - Short - N/A

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REPORT NUMBER: P856269
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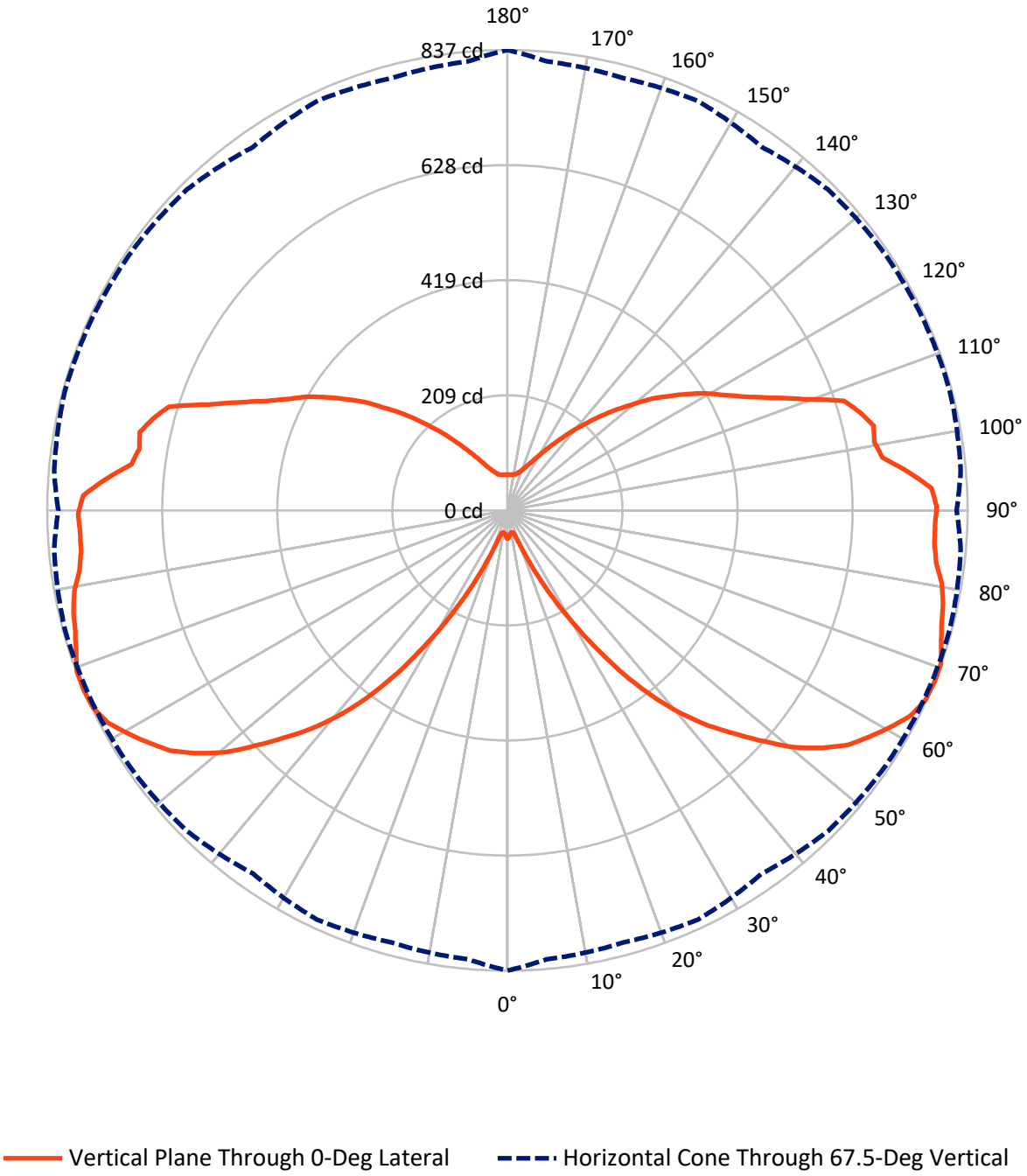
Luminous Intensity Polar Plot



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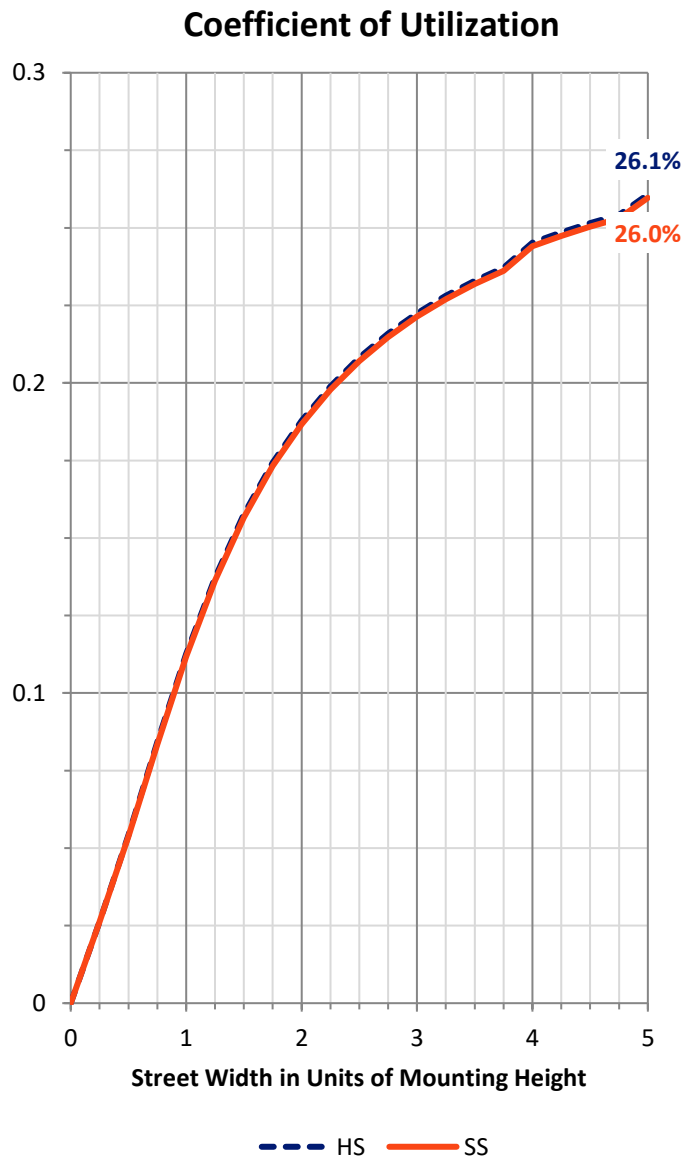
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1978.1	1337.3	3315.3
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	1978.1	1337.3	3315.3
	% Fixture	29.8	20.2	50.0
Total	Lumens	3956.1	2674.5	6630.7
	% Fixture	59.7	40.3	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.3	0.1
10°-20°	14.2	0.2
20°-30°	70.8	1.1
30°-40°	232.7	3.5
40°-50°	450.0	6.8
50°-60°	665.9	10.0
60°-70°	809.6	12.2
70°-80°	854.7	12.9
80°-90°	854.0	12.9
90°-100°	798.9	12.0
100°-110°	710.7	10.7
110°-120°	486.1	7.3
120°-130°	326.5	4.9
130°-140°	189.6	2.9
140°-150°	93.4	1.4
150°-160°	43.1	0.7
160°-170°	19.9	0.3
170°-180°	6.2	0.1
0°-90°	3956.1	59.7
0°-180°	6630.7	100.0



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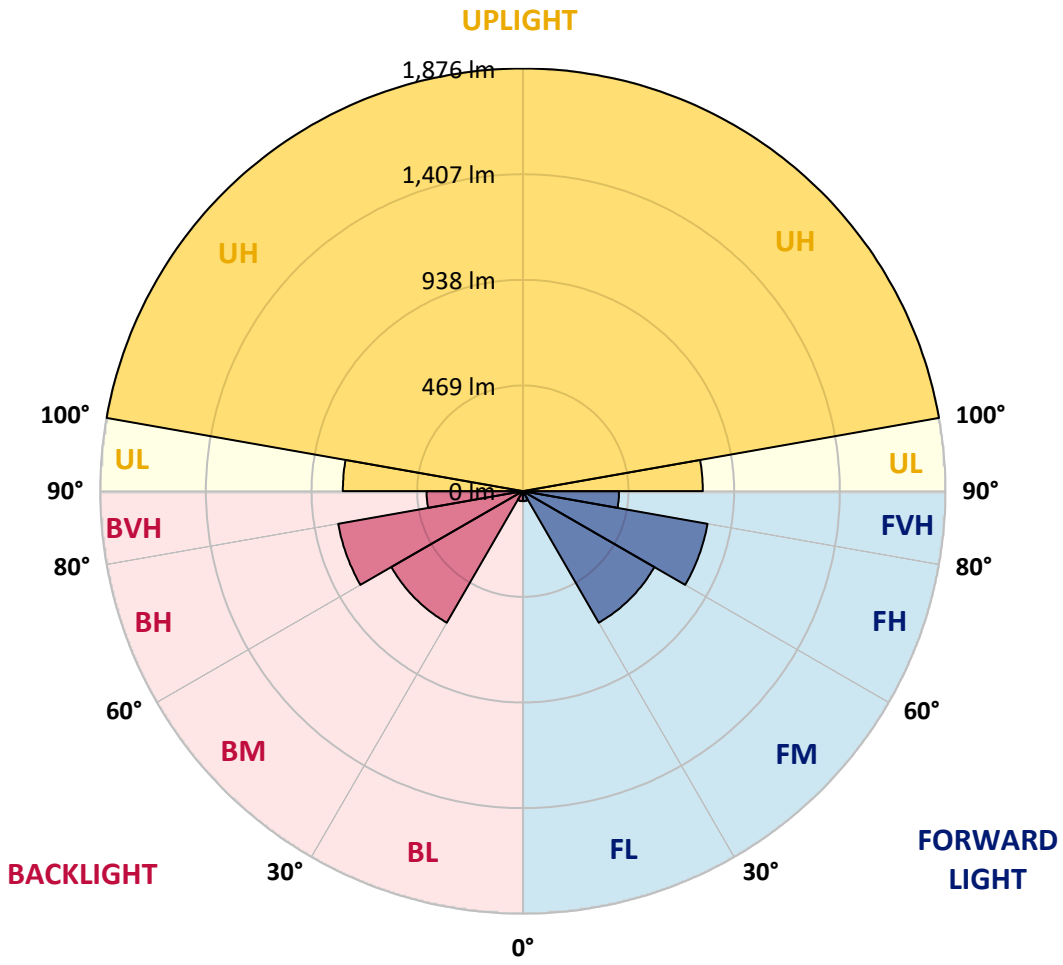
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	44.6	0.7			
FM	(30°-60°)	674.3	10.2			
FH	(60°-80°)	832.1	12.5			G1/1800
FVH	(80°-90°)	427.0	6.4			G3/500
BL	(0°-30°)	44.6	0.7	B0/110		
BM	(30°-60°)	674.3	10.2	B1/1000		
BH	(60°-80°)	832.1	12.5	B2/1000		G1/1800
BVH	(80°-90°)	427.0	6.4			G3/500
UL	(90°-100°)	798.9	12.0		U4/1000	
UH	(100°-180°)	1875.6	28.3		U5	

BUG Rating: B2-U5-G3
Type V Short



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Scaled Data Report

REPORT NUMBER: P856269
CATALOG NUMBER: FFX-CLB-40-740-U-PG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
2.5°	49.4	48.9	48.5	48.1	48.5	48.9	49.8	50.2	50.2	50.2	50.2
5°	44.8	45.2	45.6	46.0	46.0	46.0	46.0	46.4	46.8	46.8	46.8
7.5°	42.2	42.2	42.7	43.9	44.3	43.9	43.9	44.3	43.1	41.8	41.4
10°	41.0	41.0	41.4	41.8	42.2	43.1	43.5	43.5	43.5	43.5	43.1
12.5°	41.4	41.0	41.4	41.8	42.7	43.1	42.2	42.2	43.1	43.9	44.3
15°	43.5	43.1	43.1	43.9	44.3	44.3	43.5	43.5	43.9	44.8	44.8
17.5°	52.7	51.9	51.4	51.9	51.4	51.9	51.4	52.3	52.3	51.9	51.4
20°	71.9	71.1	69.8	69.4	69.8	71.1	71.5	72.8	71.5	71.1	69.4
22.5°	102.1	100.8	100.0	100.0	101.2	102.1	101.6	103.3	102.5	102.1	100.4
25°	140.5	139.7	140.1	142.2	144.3	143.0	139.7	142.2	142.2	141.8	141.4
27.5°	188.6	185.7	187.0	192.4	194.1	190.7	187.0	189.9	191.1	191.6	191.6
30°	243.4	241.3	240.9	246.8	248.9	245.9	243.4	246.8	246.8	248.0	248.0
32.5°	302.8	301.6	299.5	302.8	306.2	305.3	305.3	307.8	307.0	308.3	308.7
35°	368.1	365.6	361.4	361.8	365.6	366.0	368.9	370.6	369.7	369.3	369.3
37.5°	429.5	426.2	422.4	420.3	424.9	424.5	431.2	431.2	429.5	430.0	430.0
40°	485.2	483.1	480.2	474.3	483.1	481.4	489.4	489.4	484.8	486.0	485.2
42.5°	535.0	535.0	531.6	522.8	532.0	530.3	540.8	540.8	534.5	534.1	532.9
45°	579.7	581.8	580.1	572.2	575.5	576.8	586.8	584.7	579.7	579.7	577.6
47.5°	627.8	629.9	624.0	615.7	619.4	621.5	630.7	629.9	627.0	623.2	623.2
50°	678.0	678.4	666.7	656.7	660.0	670.9	677.6	679.2	673.0	664.2	663.8
52.5°	717.7	720.2	708.9	698.1	700.6	713.1	720.7	721.1	713.1	700.6	704.3
55°	752.9	755.4	744.1	734.5	739.5	746.2	755.0	749.9	750.4	737.0	743.2
57.5°	776.7	785.1	766.2	764.2	768.8	776.7	780.5	779.2	781.7	769.2	771.3
60°	800.5	804.3	788.4	791.3	785.9	800.1	803.1	806.0	799.3	790.5	790.5
62.5°	823.1	813.9	802.6	809.7	795.1	813.1	816.4	819.8	812.7	804.3	806.0
65°	834.8	818.1	808.5	817.3	803.1	819.4	824.8	826.1	824.8	816.9	813.1
67.5°	837.3	819.8	813.9	821.0	806.8	824.8	829.8	832.3	833.6	827.7	817.3
70°	836.5	817.7	812.7	819.4	810.2	826.9	827.3	831.1	832.7	835.3	823.5
72.5°	825.2	808.9	807.7	813.5	805.1	816.0	816.4	821.0	818.5	826.5	820.6
75°	816.0	805.1	807.2	806.0	797.6	803.9	805.6	811.0	801.8	809.3	814.3
77.5°	810.2	804.3	809.3	802.6	793.9	798.0	800.5	806.8	793.0	799.3	813.9
80°	801.0	799.3	805.6	795.5	788.0	791.8	795.9	801.4	786.3	790.5	811.4
82.5°	785.9	787.2	793.0	781.3	776.3	780.5	785.5	793.9	778.4	780.9	803.1
85°	779.2	784.6	787.6	775.9	770.0	772.5	778.0	786.7	770.4	774.2	796.8
87.5°	778.4	785.1	787.2	777.1	772.1	775.9	778.4	790.9	773.4	778.0	801.0
90°	780.9	783.4	784.6	775.9	771.7	777.5	778.0	793.4	775.9	777.1	797.6
92.5°	772.5	772.9	775.4	767.5	767.1	771.3	770.4	783.4	764.2	761.2	778.8
95°	731.9	728.6	734.0	729.9	738.6	744.9	752.0	768.3	758.7	761.2	776.3
97.5°	688.9	689.7	691.4	684.7	683.4	685.9	688.9	697.2	694.3	696.8	711.0
100°	678.8	681.8	681.3	678.0	664.2	661.3	655.0	646.2	634.5	636.2	638.3
102.5°	683.8	691.8	693.1	697.7	697.7	695.6	700.2	696.4	698.5	710.6	703.9
105°	665.9	675.1	680.9	685.9	695.6	703.5	724.8	737.8	748.3	762.9	760.8
107.5°	644.1	648.7	652.9	652.9	650.4	649.1	660.8	662.9	660.0	663.8	664.2
110°	576.4	575.9	580.1	578.4	579.7	573.0	576.4	587.7	585.1	592.7	593.9

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Scaled Data Report

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CATALOG NUMBER: FFX-CLB-40-740-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*523.7*	523.7	526.6	522.4	522.8	517.4	519.5	527.0	527.4	533.7	537.0
115°	*479.3*	478.5	482.7	479.3	475.6	474.3	476.4	481.0	482.3	486.4	493.1
117.5°	*446.3*	442.1	445.4	445.9	447.5	444.2	449.2	452.1	453.8	457.2	462.6
120°	*419.1*	414.9	416.2	420.3	425.4	418.3	423.7	426.2	427.5	428.7	431.2
122.5°	*388.1*	385.2	384.0	392.3	395.3	389.0	391.9	395.7	397.8	399.9	401.9
125°	*356.8*	354.3	353.0	360.5	363.5	358.4	362.6	368.1	367.2	371.8	367.6
127.5°	*328.3*	327.5	325.8	329.6	331.7	331.3	335.0	341.7	338.8	343.0	338.4
130°	*294.5*	297.8	295.3	299.9	300.3	303.7	304.9	311.2	308.3	309.1	306.2
132.5°	*266.8*	268.1	266.8	268.5	269.8	269.8	273.1	279.8	275.2	274.8	272.3
135°	*238.8*	239.2	237.6	240.1	240.9	238.8	242.2	247.2	244.7	243.4	243.4
137.5°	*211.2*	210.8	211.2	212.1	212.9	212.5	214.1	217.9	217.1	215.4	217.5
140°	*187.8*	186.5	187.0	187.4	187.0	187.0	188.6	192.0	192.0	189.9	192.0
142.5°	*164.4*	164.0	164.0	164.0	164.0	164.8	166.5	167.3	168.1	166.5	166.0
145°	*144.7*	144.3	143.9	143.9	143.9	144.3	146.0	145.6	147.2	145.6	144.3
147.5°	*127.2*	127.6	126.7	126.3	125.9	127.2	127.6	128.4	129.2	128.4	127.2
150°	*112.9*	112.5	112.5	111.7	111.7	112.9	112.5	113.3	114.2	113.8	113.3
152.5°	*100.4*	100.4	100.4	99.5	100.0	100.8	100.8	100.8	101.6	101.6	101.2
155°	*90.3*	90.3	90.3	89.9	89.9	90.8	90.8	90.8	91.2	91.2	91.2
157.5°	*82.8*	82.8	82.4	82.4	82.4	82.8	82.4	82.4	82.8	82.8	82.8
160°	*77.0*	77.0	76.5	76.5	76.1	76.5	76.1	76.1	76.5	76.5	76.5
162.5°	*72.4*	72.4	71.9	71.9	71.9	71.9	71.9	71.5	71.5	71.9	71.5
165°	*69.0*	69.0	69.0	69.0	69.0	69.0	69.0	68.6	68.6	68.6	68.6
167.5°	*66.9*	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
170°	*65.7*	65.7	65.7	66.1	66.1	66.1	65.7	65.7	66.1	66.1	65.7
172.5°	*65.2*	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
175°	*65.2*	65.2	65.2	65.2	65.2	65.2	64.8	65.2	65.2	65.2	65.2
177.5°	*65.2*	64.8	64.8	65.2	65.2	64.8	64.8	64.8	64.8	64.8	64.8
180°	*65.2*	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2

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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-1

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.03

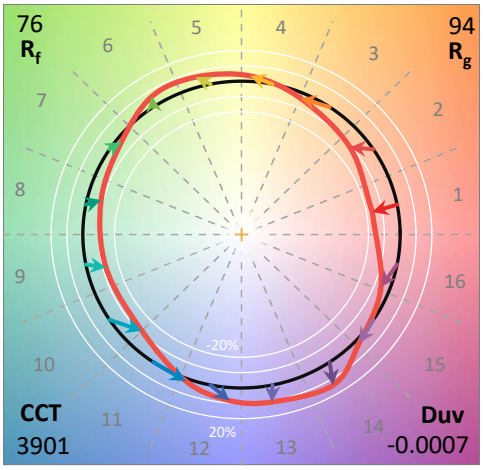
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-1
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-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3901	CRI (Ra):	74.5		
CIE u':	0.2273	R1:	71.8	R9:	-23.4
CIE v':	0.5026	R2:	81.9	R10:	56.6
Duv:	-0.0007	R3:	89.3	R11:	68.4
CIE x:	0.3844	R4:	72.6	R12:	46.6
CIE y:	0.3776	R5:	71.3	R13:	73.7
CIE z:	0.2380	R6:	74.0	R14:	93.9
Peak Wavelength (nm):	451	R7:	81.5	R15:	65.1
Dominant Wavelength (nm):	579	R8:	53.3		
Purity:	28.6799				
Rf:	76.2				
Rg:	94.4				



Test Conditions

Stabilization Time:	0.818109M
Operation Time:	1H
Sphere Temperature (°C):	24.6

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: SP1-2406-133-1

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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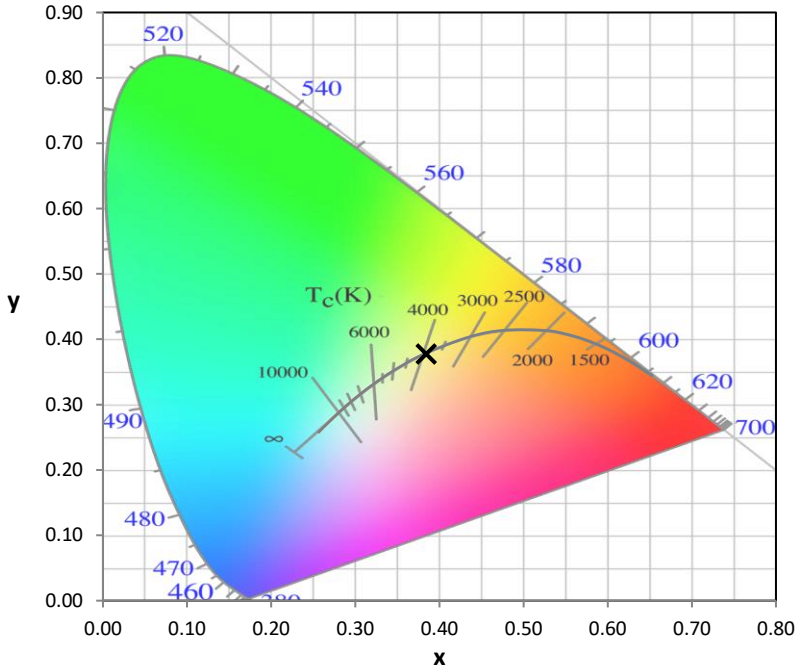
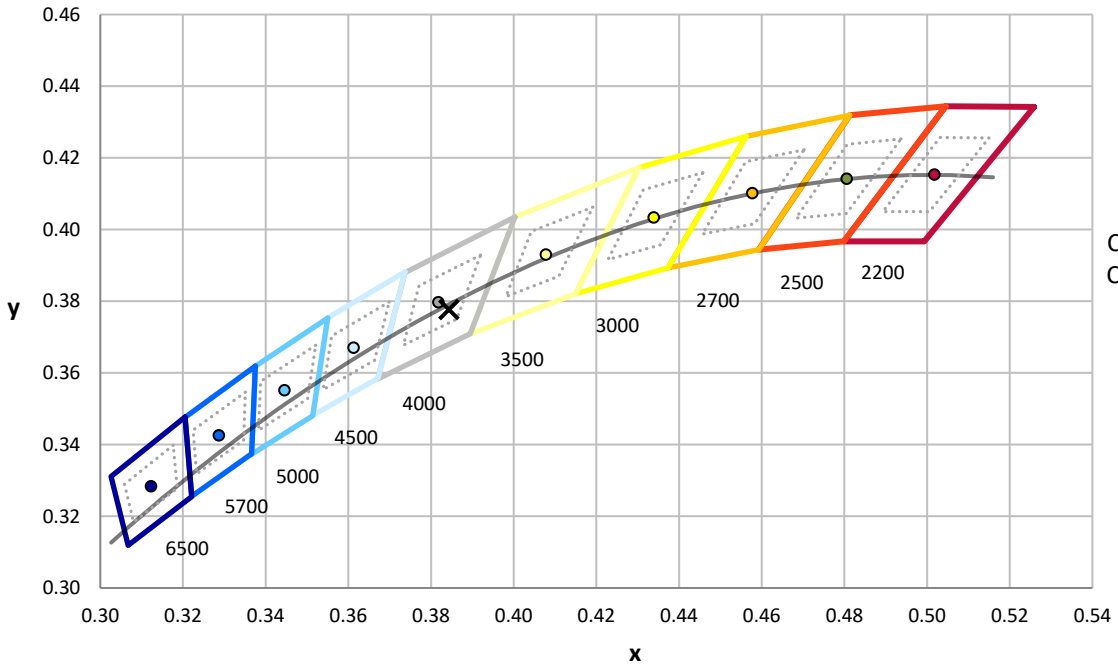
REPORT NUMBER: SP1-2406-133-1

CIE 1931 Chromaticity Diagram



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



CCT = 3901K
CIE x = 0.3844
CIE y = 0.3776
Duv = -0.0007

Point lies inside the ANSI 4000K 4-step quadrangle

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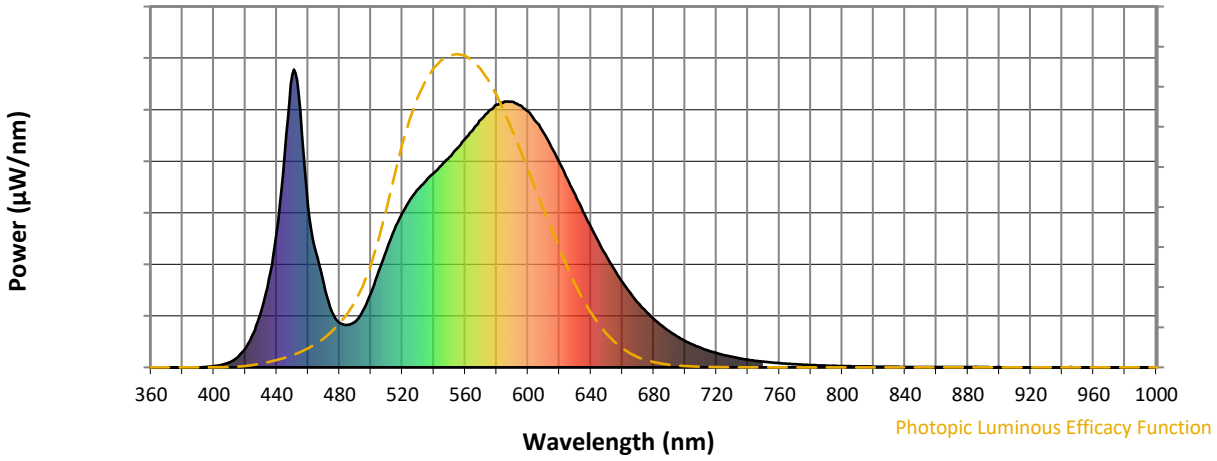
Photopic Flux vs. Wavelength



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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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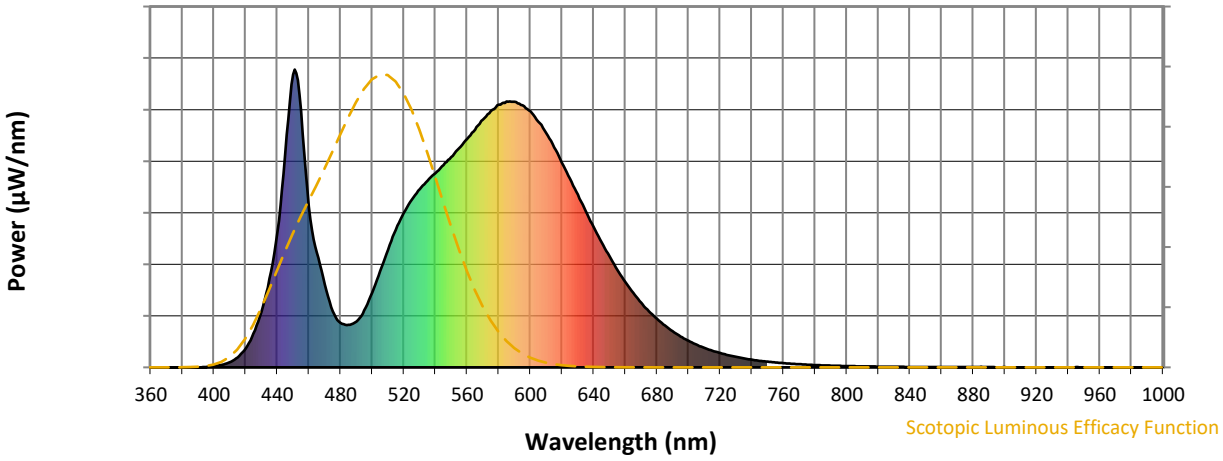
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.53**

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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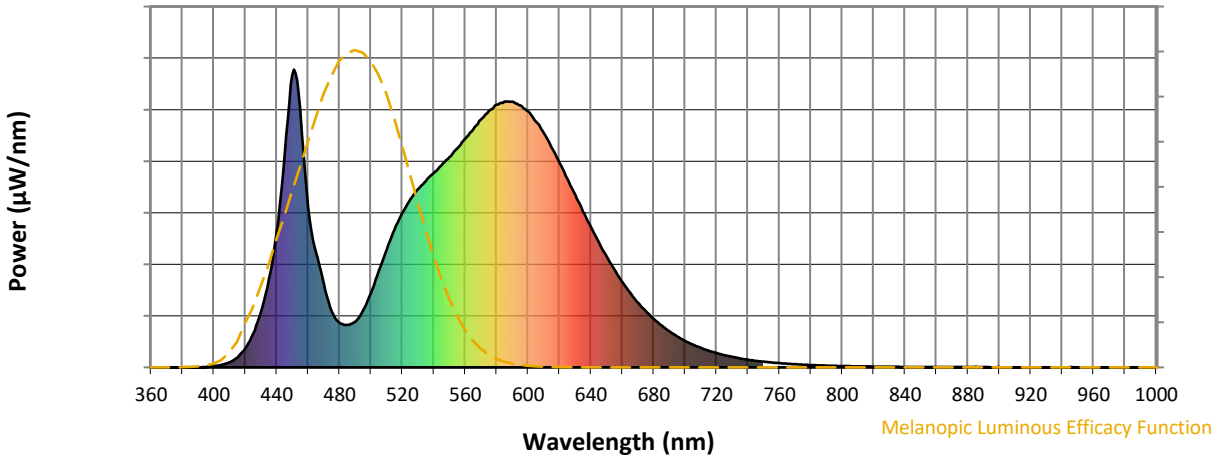
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.04**

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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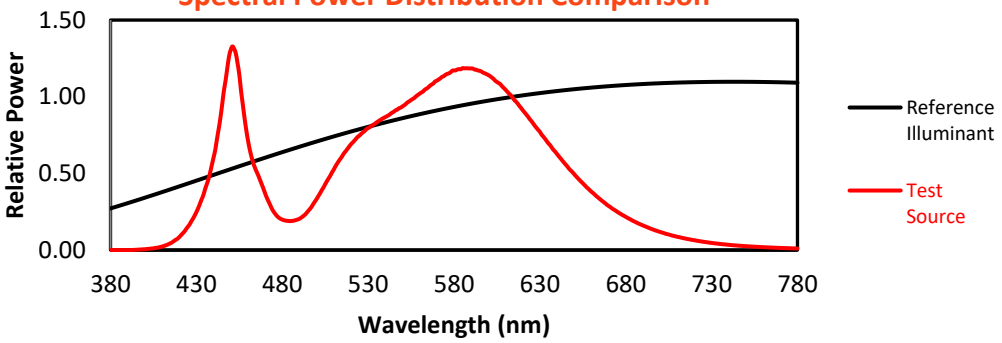
TM-30-18

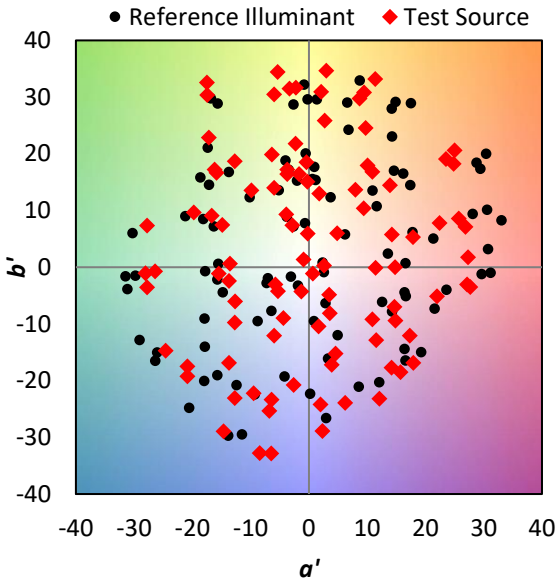
Summary

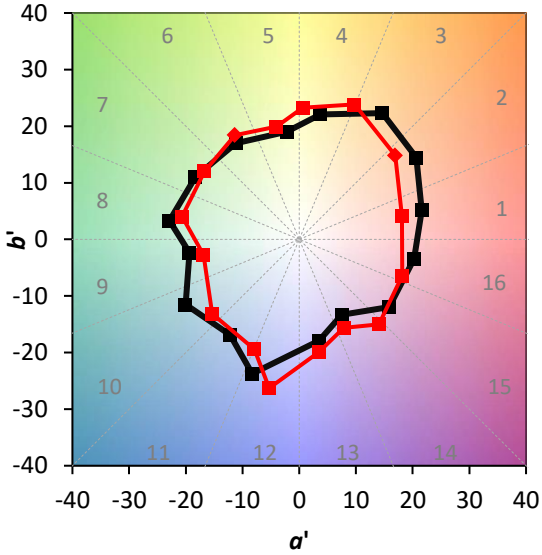
R_f = 76.2
R_g = 94.4
CIE R_a = 74.5
R_9 = -23.4

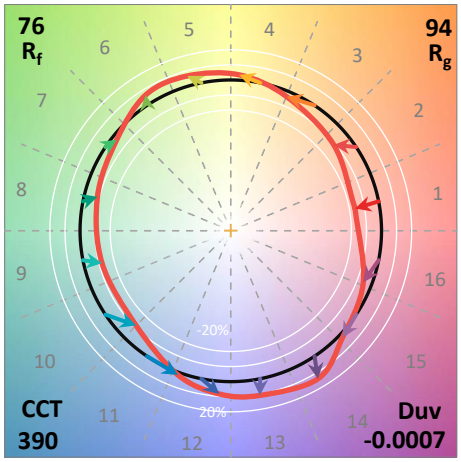
Spectral Power Distribution Comparison

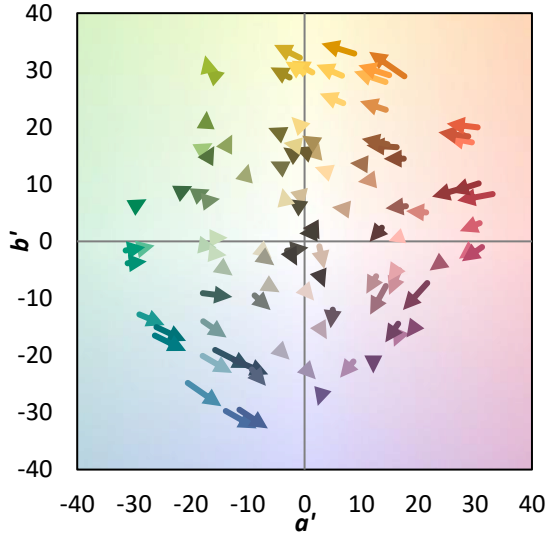


Color Vector Graphics









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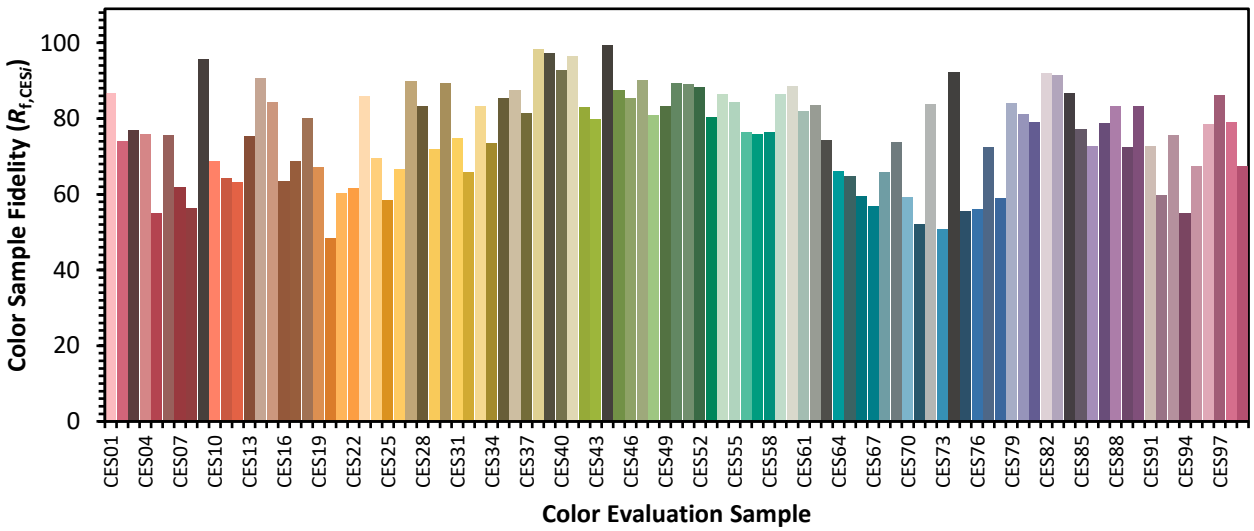
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 67	CES51 = 89	CES76 = 56
CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 92
CES08 = 39	CES33 = 83	CES58 = 76	CES83 = 92
CES09 = 29	CES34 = 74	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 85	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 73
CES12 = 63	CES37 = 81	CES62 = 84	CES87 = 79
CES13 = 42	CES38 = 98	CES63 = 74	CES88 = 83
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 72
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 83
CES16 = 46	CES41 = 96	CES66 = 59	CES91 = 73
CES17 = 49	CES42 = 83	CES67 = 57	CES92 = 60
CES18 = 56	CES43 = 80	CES68 = 66	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 74	CES94 = 55
CES20 = 65	CES45 = 87	CES70 = 59	CES95 = 67
CES21 = 86	CES46 = 85	CES71 = 52	CES96 = 78
CES22 = 78	CES47 = 90	CES72 = 84	CES97 = 86
CES23 = 92	CES48 = 81	CES73 = 51	CES98 = 79
CES24 = 91	CES49 = 83	CES74 = 92	CES99 = 68
CES25 = 72	CES50 = 89	CES75 = 56	



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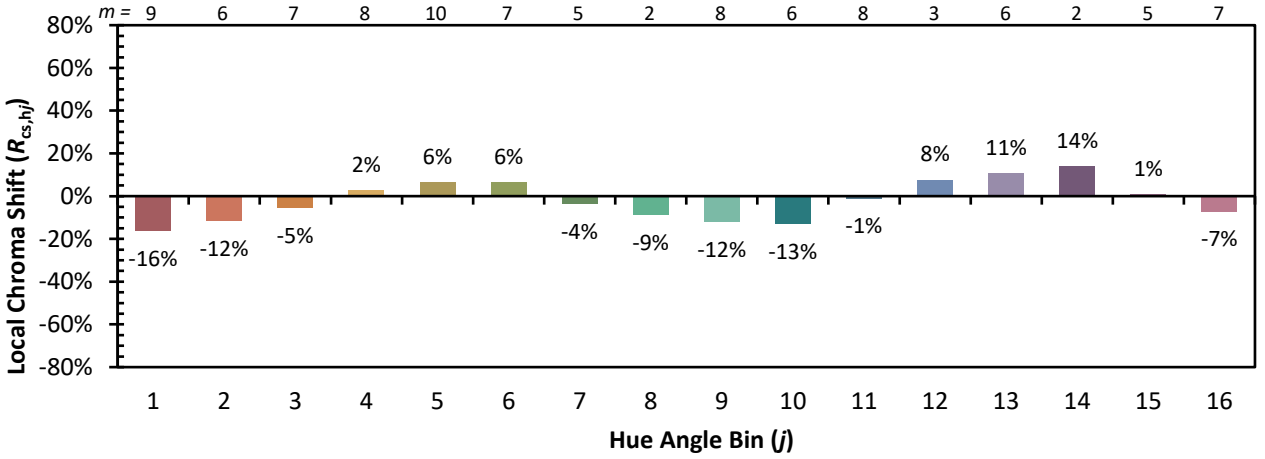
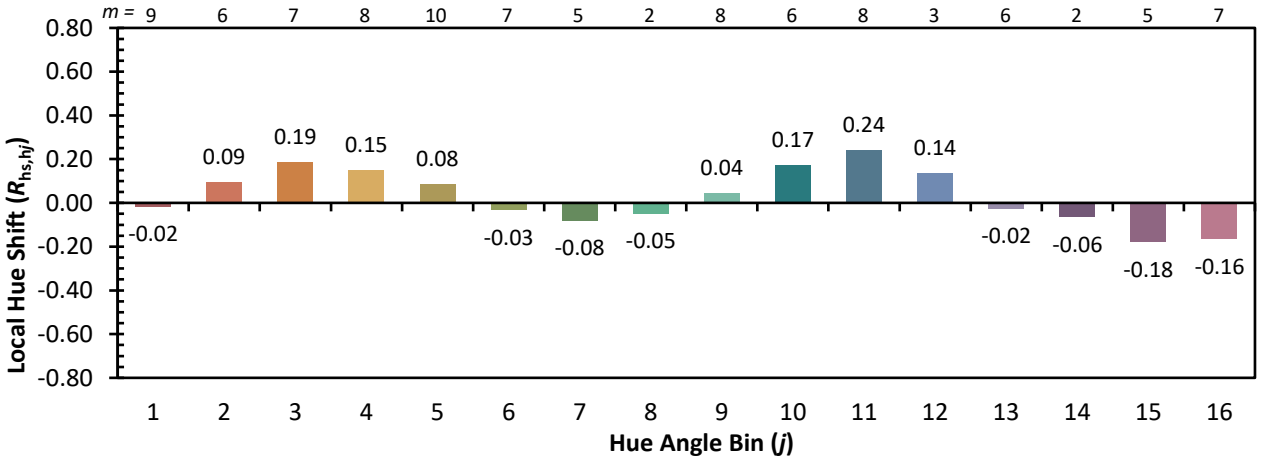
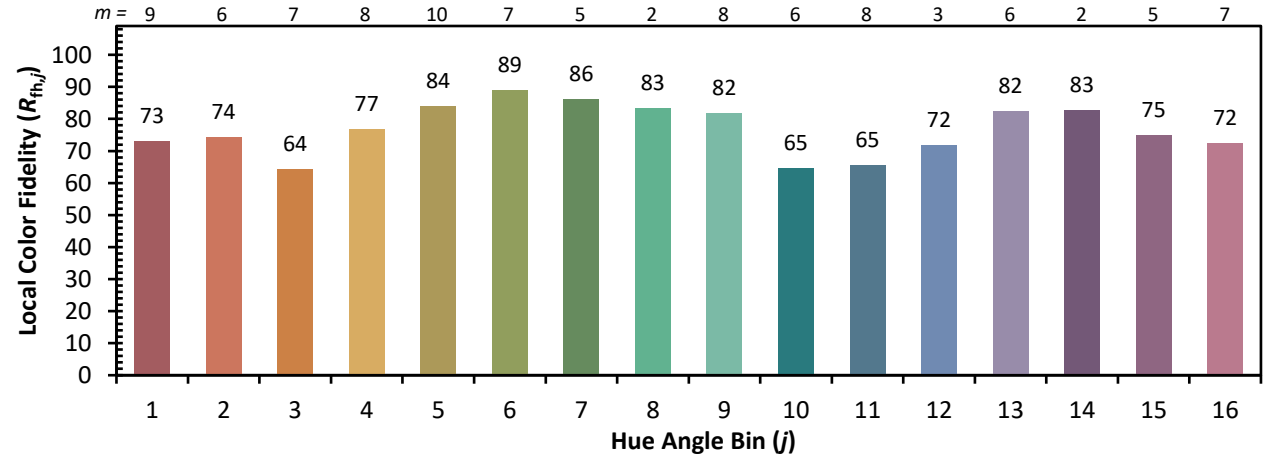
Color Rendition by Hue-Angle Bin







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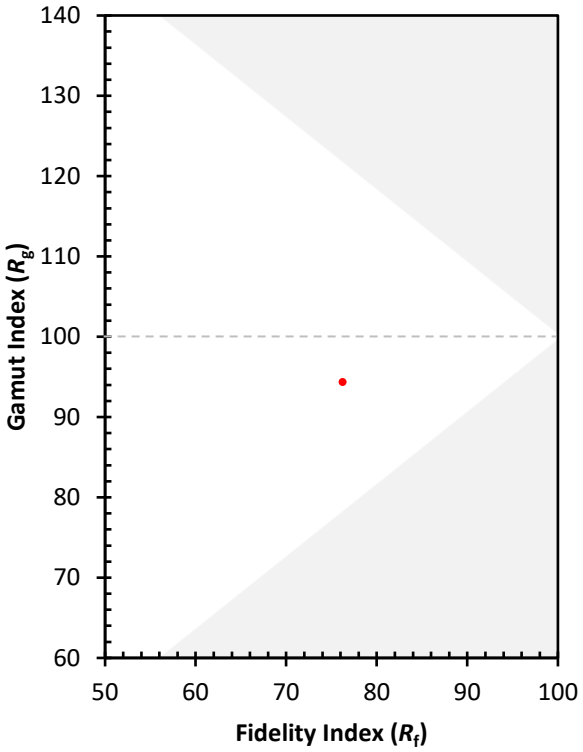
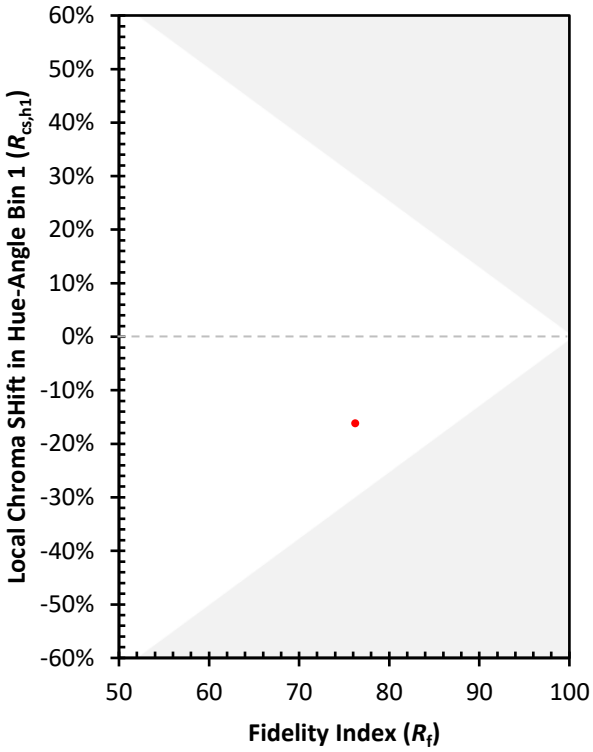
Measure Comparisons





(END OF REPORT)