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: P856179

Luminaire Tested: **FFX-CLB-40-740-U-FR-T5-UPLR**

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:	P856179
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-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6419.7 lumens
Efficiency:	N/A
Efficacy:	163.4 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U4 - G2

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: P856179
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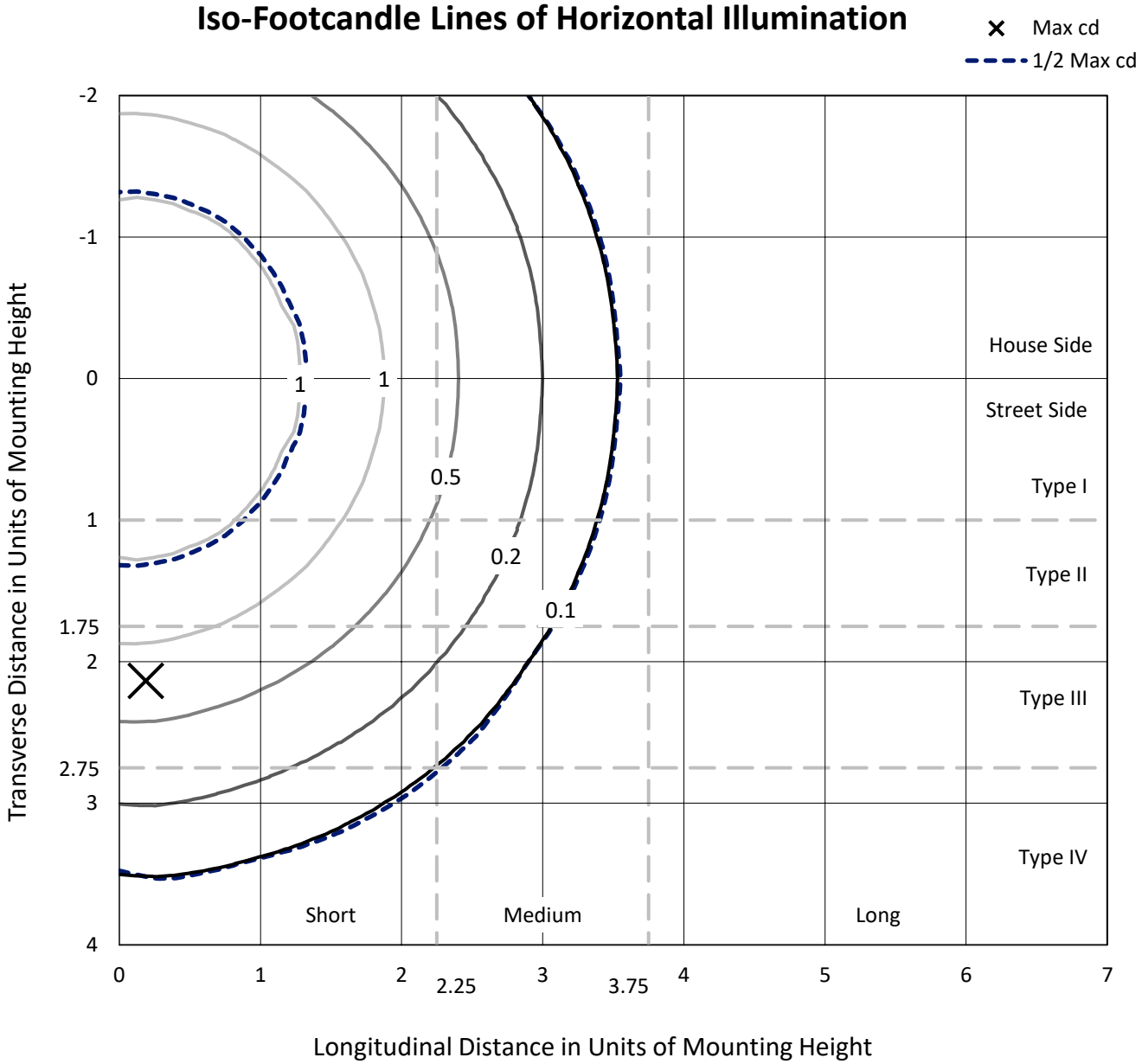
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
Type V - Short - N/A

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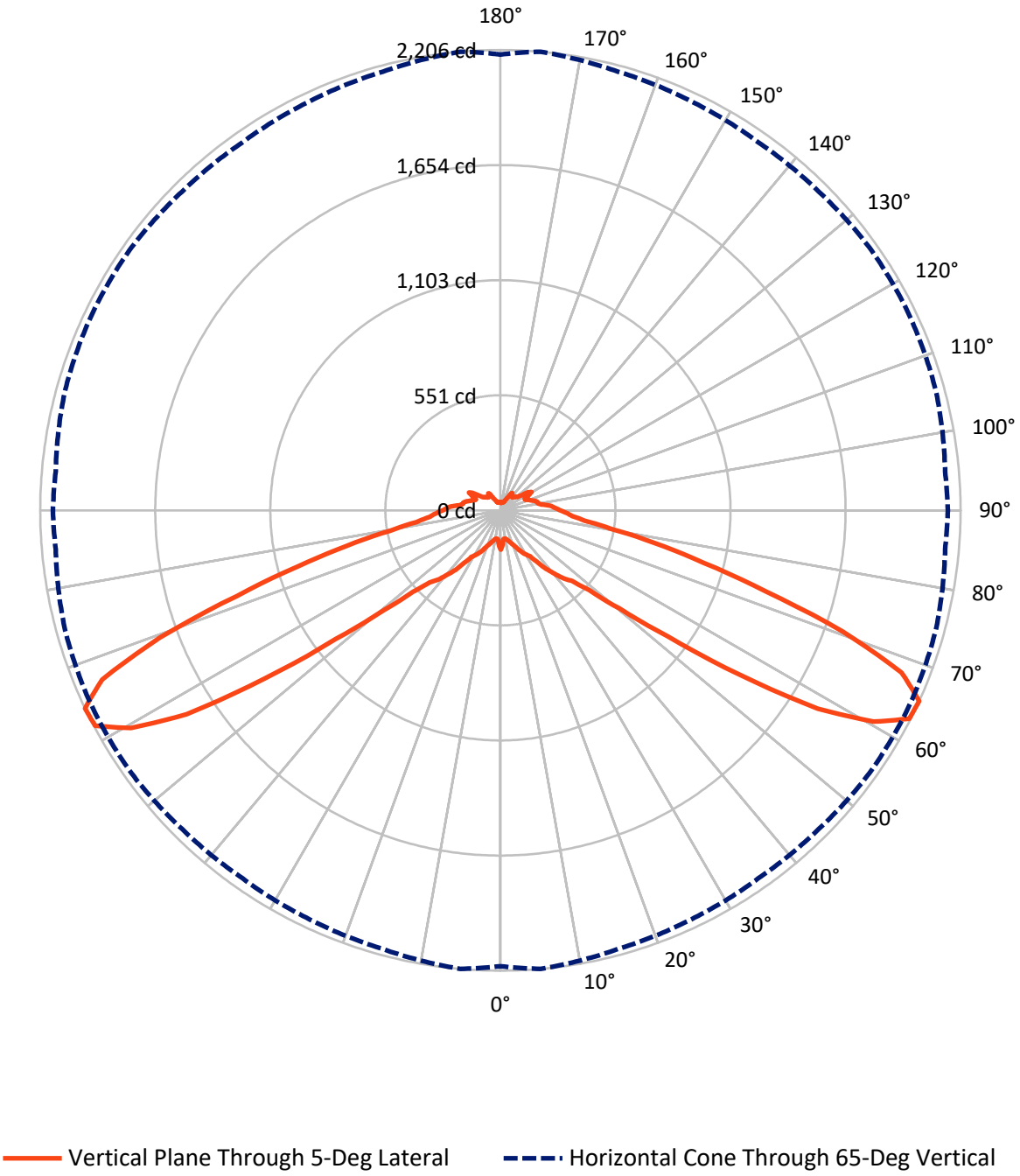
Luminous Intensity Polar Plot



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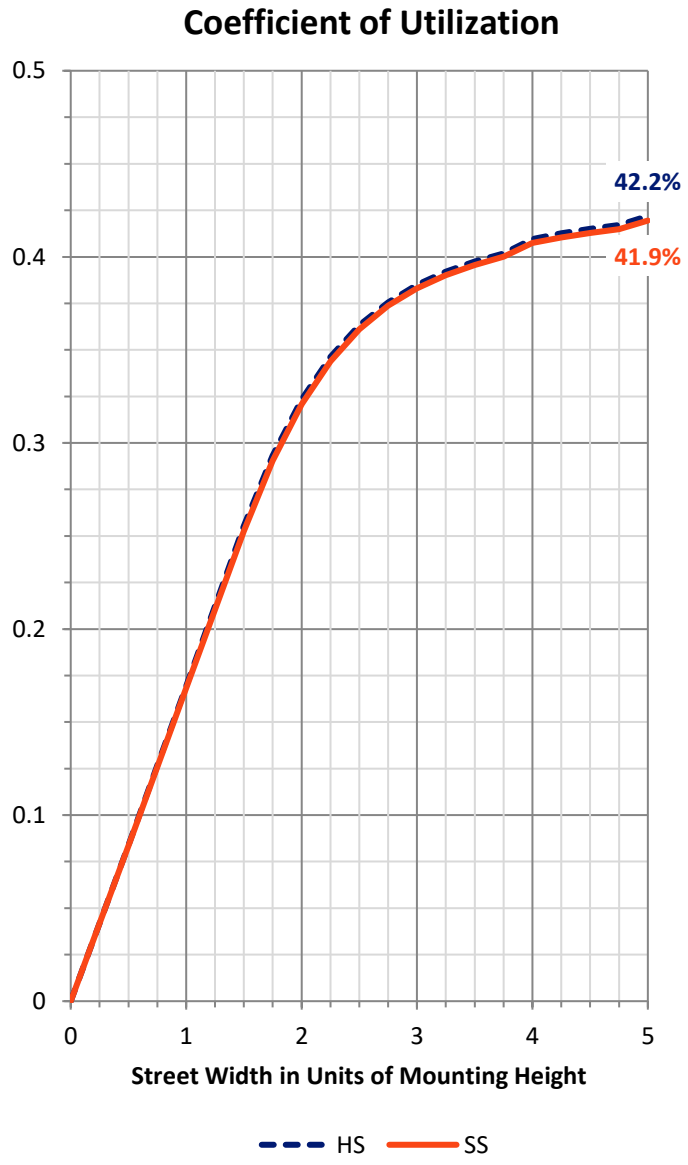
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2804.2	405.6	3209.9
	% Fixture	43.7	6.3	50.0
Street Side	Lumens	2804.2	405.6	3209.9
	% Fixture	43.7	6.3	50.0
Total	Lumens	5608.5	811.3	6419.7
	% Fixture	87.4	12.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.7	0.2
10°-20°	45.1	0.7
20°-30°	97.7	1.5
30°-40°	197.9	3.1
40°-50°	399.0	6.2
50°-60°	1268.6	19.8
60°-70°	2045.9	31.9
70°-80°	1115.7	17.4
80°-90°	424.8	6.6
90°-100°	254.9	4.0
100°-110°	162.6	2.5
110°-120°	123.7	1.9
120°-130°	104.6	1.6
130°-140°	68.2	1.1
140°-150°	57.1	0.9
150°-160°	25.6	0.4
160°-170°	10.9	0.2
170°-180°	3.6	0.1
0°-90°	5608.5	87.4
0°-180°	6419.7	100.0



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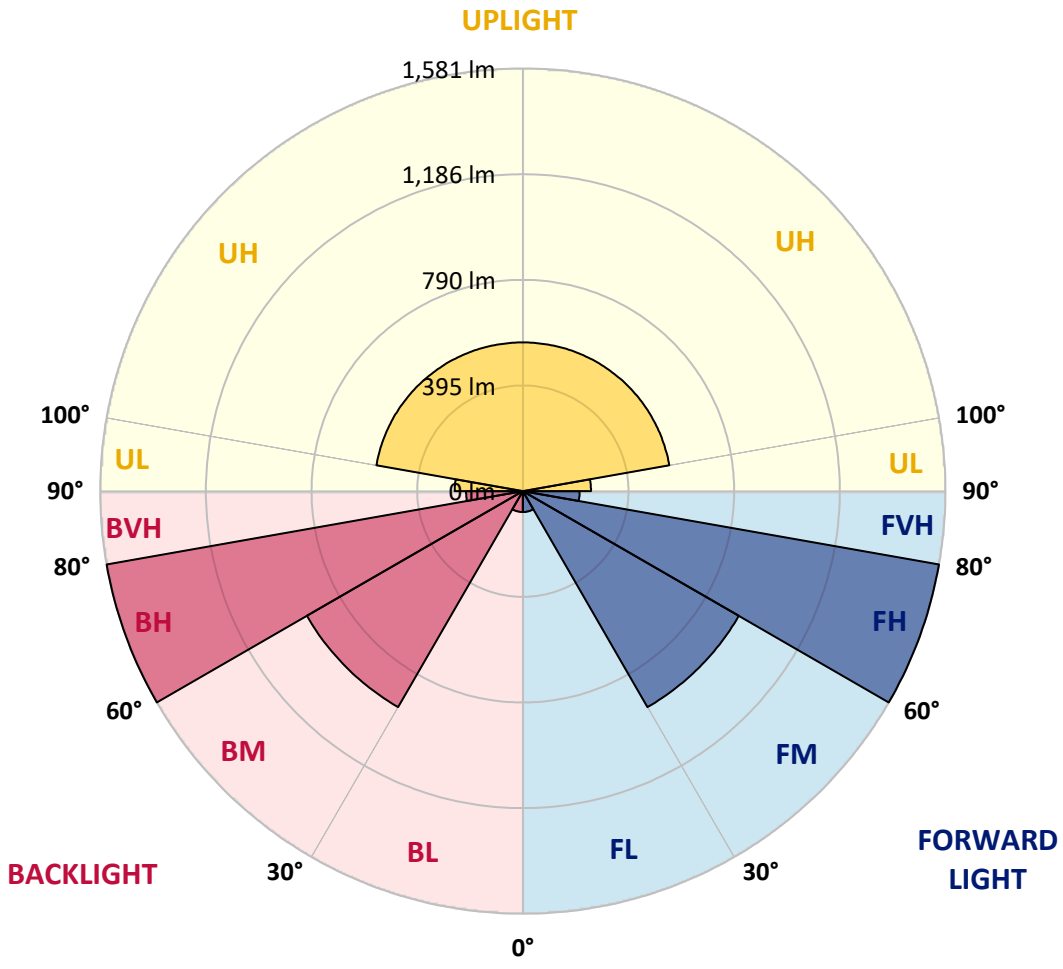
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	78.2	1.2			
FM	(30°-60°)	932.8	14.5			
FH	(60°-80°)	1580.8	24.6			G1/1800
FVH	(80°-90°)	212.4	3.3			G2/225
BL	(0°-30°)	78.2	1.2	B0/110		
BM	(30°-60°)	932.8	14.5	B1/1000		
BH	(60°-80°)	1580.8	24.6	B3/2500		G1/1800
BVH	(80°-90°)	212.4	3.3			G2/225
UL	(90°-100°)	254.9	4.0		U3/500	
UH	(100°-180°)	556.3	8.7		U4/1000	

BUG Rating: B3-U4-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	188.4	188.4	188.4	188.4	188.4	188.4	188.4	188.4	188.4	188.4	188.4
2.5°	168.3	171.0	163.6	157.6	154.9	155.5	161.6	167.6	161.6	163.6	163.6
5°	139.5	140.1	140.1	138.8	140.8	136.8	132.1	132.1	136.8	142.1	142.1
7.5°	134.8	136.8	142.1	142.1	144.1	137.4	130.7	131.4	138.1	146.2	148.2
10°	138.8	138.8	137.4	138.8	143.5	142.8	135.4	132.1	136.8	144.8	147.5
12.5°	144.8	144.8	148.8	154.9	155.5	149.5	142.1	141.5	146.8	152.2	152.2
15°	153.5	154.2	156.2	155.5	157.6	155.5	153.5	154.9	158.2	158.2	158.2
17.5°	164.9	164.9	164.9	164.9	164.9	165.6	166.3	166.3	166.3	167.6	167.6
20°	177.7	177.7	177.0	176.3	176.3	177.0	177.7	177.7	177.7	179.0	179.0
22.5°	193.8	193.1	191.7	191.7	191.7	192.4	191.1	190.4	189.7	190.4	190.4
25°	212.5	212.5	211.2	209.2	209.2	208.5	206.5	205.8	205.2	206.5	205.8
27.5°	231.3	231.3	229.3	226.6	226.6	226.6	225.3	223.9	222.6	223.3	223.3
30°	248.7	247.4	246.7	244.7	244.0	244.7	243.4	243.4	240.7	240.0	241.4
32.5°	264.8	263.5	264.8	262.8	260.8	262.8	262.1	262.1	258.1	256.8	258.1
35°	309.1	305.7	308.4	303.7	301.0	301.7	303.0	305.7	301.7	299.7	300.4
37.5°	356.7	356.0	364.7	372.1	370.8	359.4	352.0	353.3	358.7	366.1	366.1
40°	400.9	399.6	401.6	398.9	398.9	397.6	396.9	400.3	389.5	386.8	384.8
42.5°	447.2	446.5	435.1	419.0	415.7	429.1	435.1	439.8	424.4	419.0	415.0
45°	492.8	483.4	481.4	476.0	470.6	479.4	478.7	482.0	474.7	474.0	470.6
47.5°	588.6	571.2	565.2	565.9	554.5	563.8	567.9	578.6	563.2	563.8	563.2
50°	761.6	739.5	749.6	742.8	730.8	742.2	741.5	760.9	735.5	744.9	740.8
52.5°	1031.8	1001.6	1007.7	1003.6	991.6	1015.0	1020.4	1049.2	1000.3	1012.4	1009.0
55°	1422.7	1389.8	1403.2	1355.0	1342.2	1388.5	1405.9	1439.4	1374.4	1381.1	1377.8
57.5°	1795.4	1793.4	1816.2	1782.0	1770.6	1803.5	1787.4	1816.9	1782.0	1806.8	1798.8
60°	2049.5	2054.9	2077.7	2087.7	2067.6	2085.1	2046.2	2068.3	2057.6	2093.8	2090.4
62.5°	2181.6	2199.0	2185.6	2186.3	2164.2	2177.6	2170.2	2183.0	2180.3	2183.6	2180.3
65°	2184.3	2205.7	2176.2	2162.8	2153.5	2158.8	2171.6	2171.6	2163.5	2139.4	2144.7
67.5°	2041.5	2073.7	2040.8	2022.0	2027.4	2025.4	2034.1	2022.7	2018.0	1982.5	1983.2
70°	1690.2	1741.8	1693.5	1676.1	1690.2	1698.9	1698.2	1688.8	1681.5	1637.2	1650.0
72.5°	1283.2	1328.8	1285.9	1279.2	1292.6	1306.0	1294.6	1306.0	1293.9	1273.8	1279.9
75°	968.8	1007.7	1007.7	1033.1	1037.2	1029.8	998.3	1011.0	1019.1	1019.7	1025.8
77.5°	712.7	753.6	775.0	816.6	814.6	801.8	763.6	778.4	793.8	804.5	811.9
80°	506.9	537.7	569.2	598.7	602.7	592.0	568.5	577.2	586.6	594.0	598.0
82.5°	392.9	407.0	400.9	397.6	402.9	418.4	423.7	429.1	415.7	407.0	410.3
85°	342.6	343.9	354.7	362.0	364.0	364.0	358.7	362.7	366.1	374.8	374.8
87.5°	312.4	313.8	340.6	348.0	350.6	347.3	340.6	343.3	345.9	351.3	351.3
90°	277.6	281.6	308.4	314.4	317.1	311.8	309.7	311.8	308.4	310.4	310.4
92.5°	258.1	258.1	270.9	268.2	267.5	268.2	268.8	270.9	267.5	266.2	266.2
95°	236.0	239.3	236.0	238.7	238.0	234.7	233.3	234.7	232.6	232.6	234.0
97.5°	197.8	198.5	192.4	194.4	194.4	191.7	188.4	189.7	187.7	189.1	189.7
100°	185.0	183.0	173.0	171.6	171.0	169.0	166.9	166.9	166.3	165.6	166.3
102.5°	181.0	181.0	167.6	164.9	163.6	160.2	157.6	157.6	157.6	157.6	158.2
105°	165.6	170.3	160.2	158.2	156.2	152.2	148.2	147.5	148.8	147.5	149.5
107.5°	150.2	154.2	148.8	148.8	146.8	142.8	140.1	139.5	140.1	138.8	140.1
110°	141.5	143.5	137.4	137.4	136.1	132.7	132.1	131.4	131.4	129.4	130.7

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Scaled Data Report

REPORT NUMBER: P856179
CATALOG NUMBER: FFX-CLB-40-740-U-FR-T5-UPLR

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	130.7	*130.7*	126.0	124.7	124.7	122.7	122.0	121.3	121.3	121.3	122.0
115°	130.1	*129.4*	122.0	117.3	116.7	116.0	116.7	116.0	116.0	115.3	115.3
117.5°	158.9	*152.2*	127.4	116.0	116.0	116.7	119.3	117.3	112.6	112.6	112.0
120°	171.6	*173.0*	146.8	134.8	132.1	128.7	128.1	126.7	122.0	121.3	124.0
122.5°	151.5	*158.2*	142.1	137.4	134.8	130.7	128.1	127.4	127.4	124.0	128.7
125°	118.0	*124.0*	116.0	115.3	114.6	115.3	114.0	114.0	115.3	113.3	114.0
127.5°	101.2	*103.9*	100.6	100.6	99.9	99.2	97.9	98.6	97.9	98.6	99.2
130°	97.2	*99.2*	95.9	94.5	94.5	95.2	95.2	95.2	93.2	91.9	92.5
132.5°	96.5	*95.9*	90.5	87.8	87.8	92.5	94.5	94.5	89.8	86.5	86.5
135°	87.2	*87.8*	87.2	83.8	84.5	85.8	87.8	88.5	83.8	81.8	82.5
137.5°	83.8	*85.8*	86.5	85.1	85.1	83.8	83.1	83.8	82.5	83.1	83.1
140°	83.8	*84.5*	86.5	87.8	86.5	85.1	85.1	85.1	85.8	87.8	89.2
142.5°	85.8	*86.5*	85.8	85.1	87.2	90.5	93.2	93.2	91.2	89.8	90.5
145°	98.6	*100.6*	100.6	98.6	99.9	98.6	98.6	97.2	97.2	97.2	97.9
147.5°	93.9	*93.2*	94.5	96.5	94.5	93.9	93.9	94.5	95.9	96.5	97.2
150°	73.7	*71.7*	73.1	77.1	76.4	76.4	76.4	77.1	77.8	77.8	78.4
152.5°	58.3	*58.3*	59.7	59.7	60.3	60.3	59.7	59.7	59.7	60.3	60.3
155°	52.3	*51.6*	53.0	55.0	53.6	53.6	53.6	53.6	53.6	53.6	54.3
157.5°	45.6	*44.9*	44.9	45.6	45.6	45.6	45.6	46.3	46.3	45.6	46.3
160°	41.6	*41.6*	40.9	40.9	40.9	41.6	42.2	42.2	41.6	40.9	40.9
162.5°	39.6	*39.6*	38.2	37.5	37.5	38.2	39.6	39.6	38.2	37.5	37.5
165°	39.6	*38.9*	36.9	35.5	35.5	36.9	38.9	38.9	36.9	35.5	35.5
167.5°	38.9	*38.9*	37.5	36.2	36.2	37.5	38.2	38.9	38.2	36.9	36.2
170°	37.5	*37.5*	38.2	38.2	37.5	37.5	37.5	37.5	38.2	38.2	38.2
172.5°	38.9	*38.2*	38.9	39.6	39.6	38.9	38.2	38.2	38.9	39.6	39.6
175°	39.6	*39.6*	38.9	38.9	38.9	38.2	38.2	38.2	38.9	39.6	38.9
177.5°	35.5	*35.5*	34.9	35.5	35.5	35.5	34.9	35.5	35.5	35.5	36.2
180°	33.5	*33.5*	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5

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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: SP1-2406-133-1

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

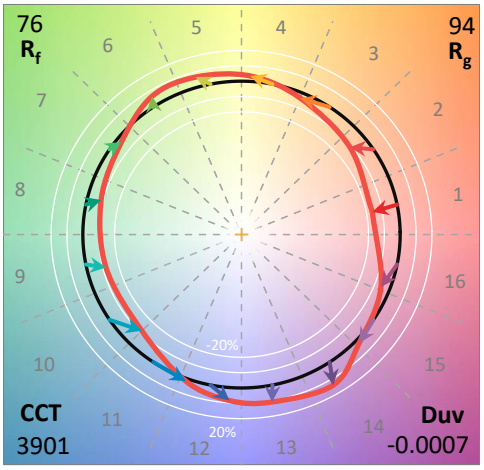
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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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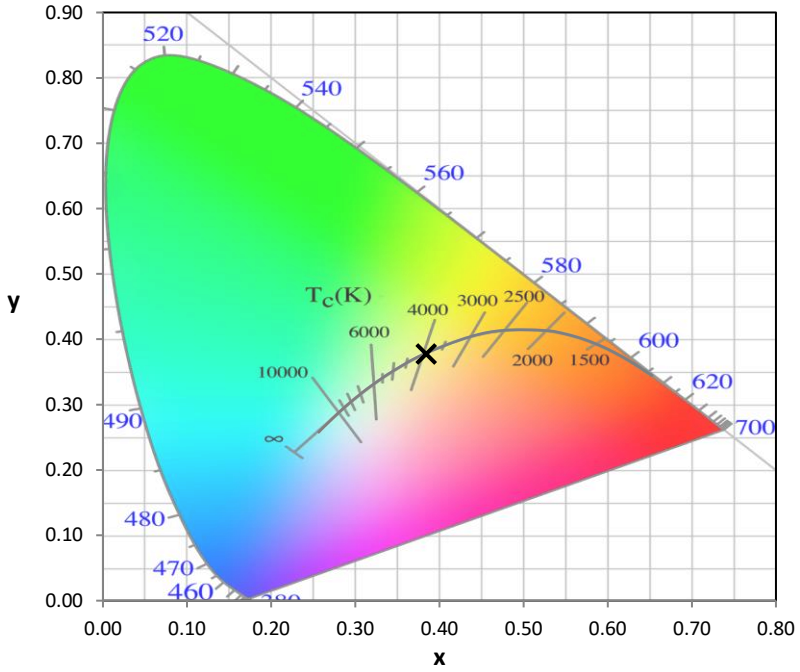
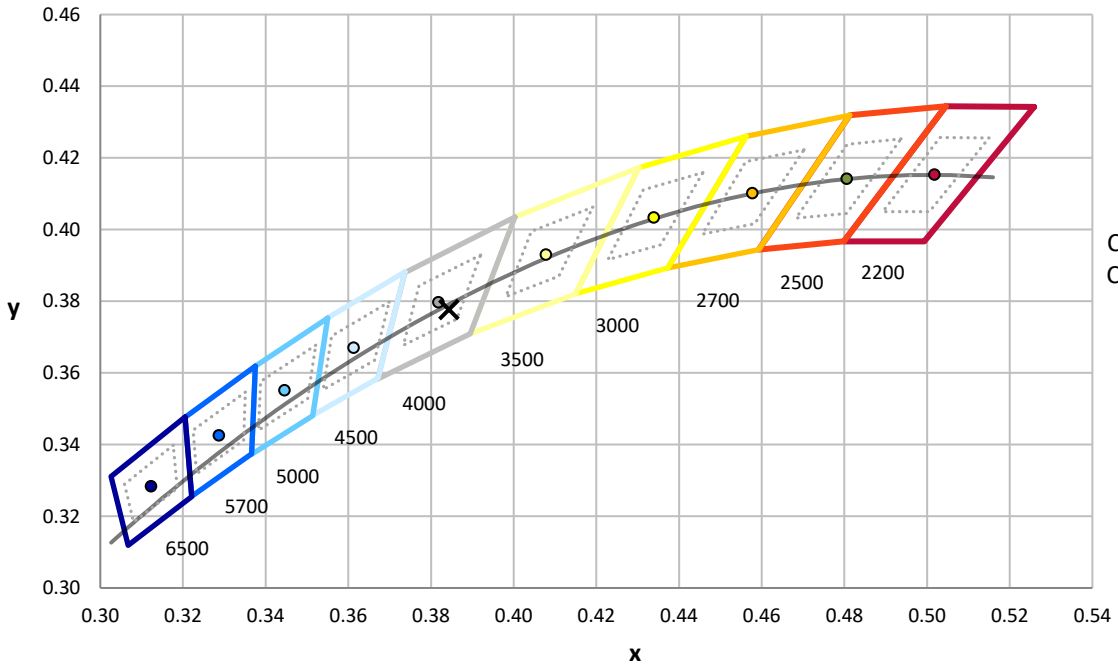
CIE 1931 Chromaticity Diagram



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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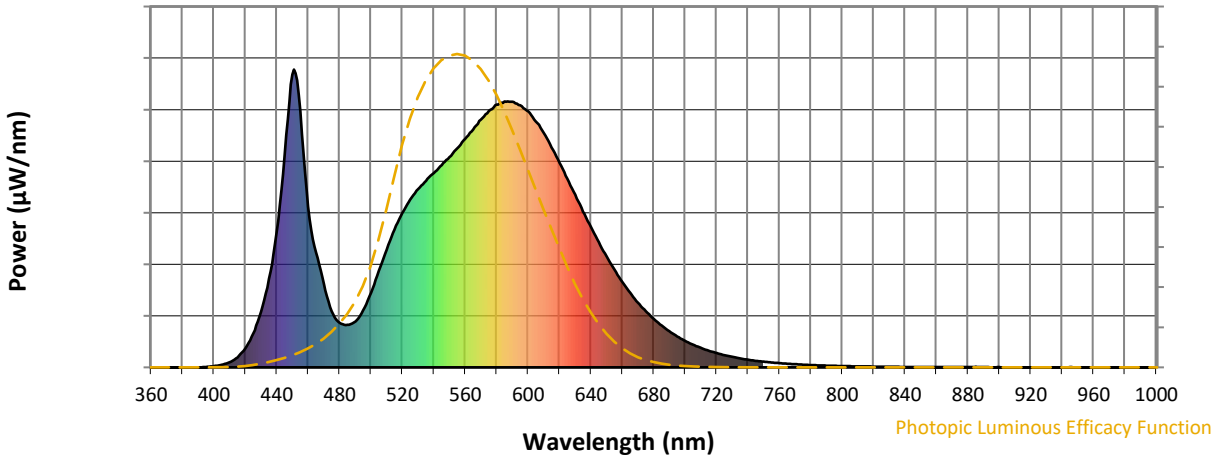
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-1

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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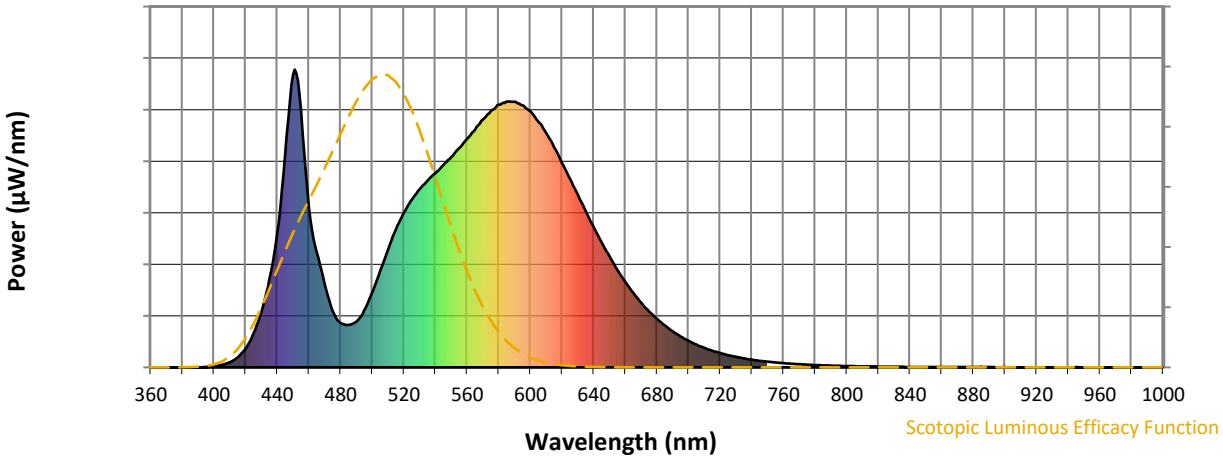
Scotopic Flux vs. Wavelength



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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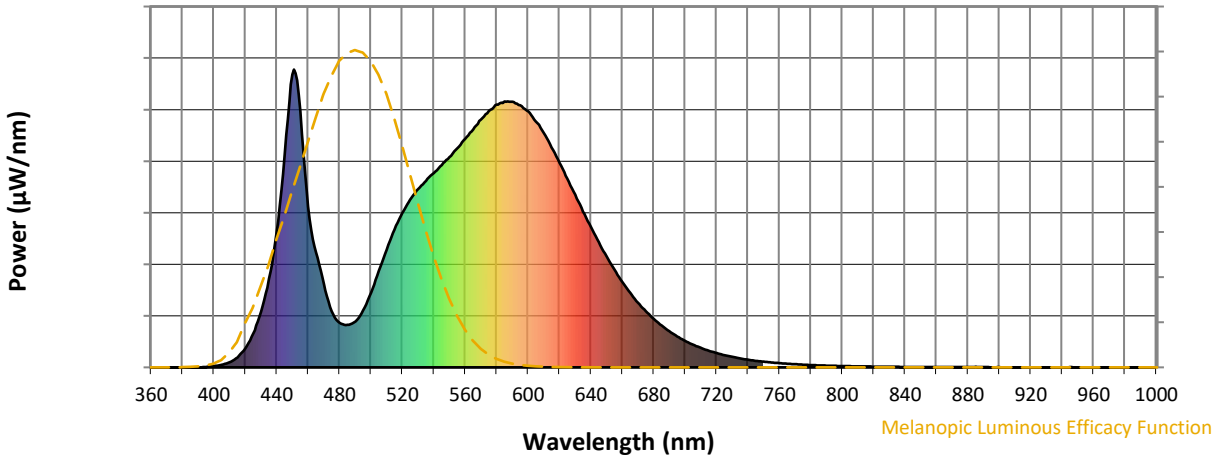
Melanopic Flux vs. Wavelength



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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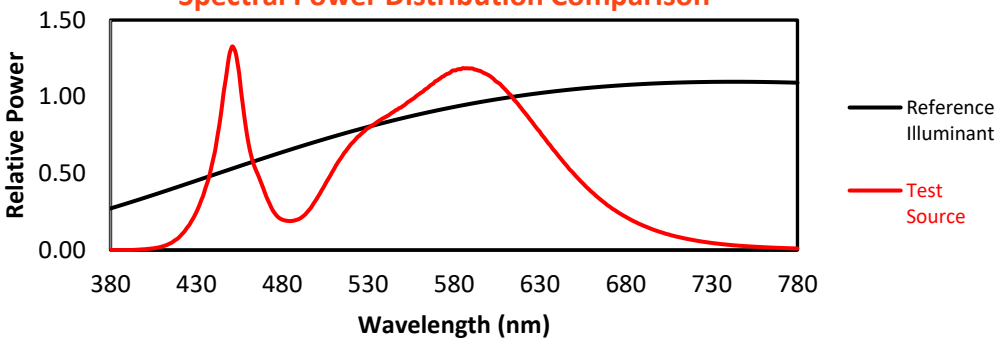
TM-30-18

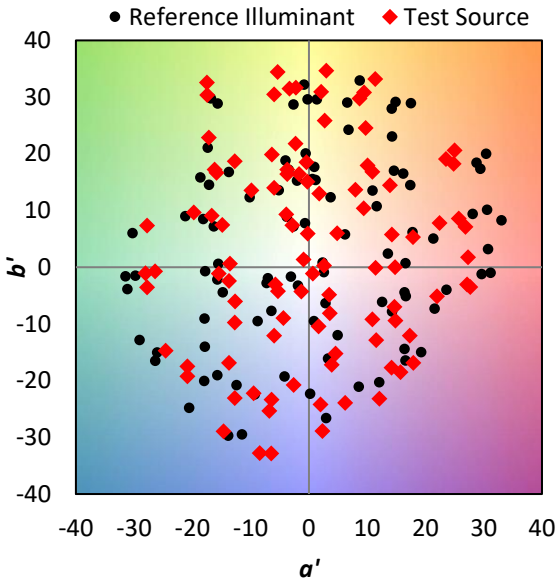
Summary

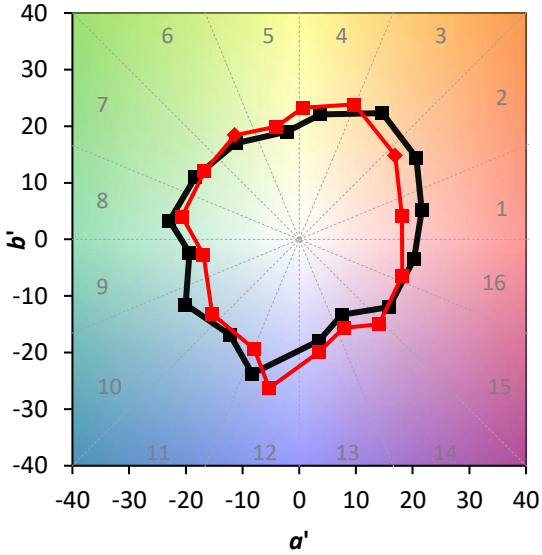
R_f = 76.2
R_g = 94.4
CIE R_a = 74.5
R_9 = -23.4

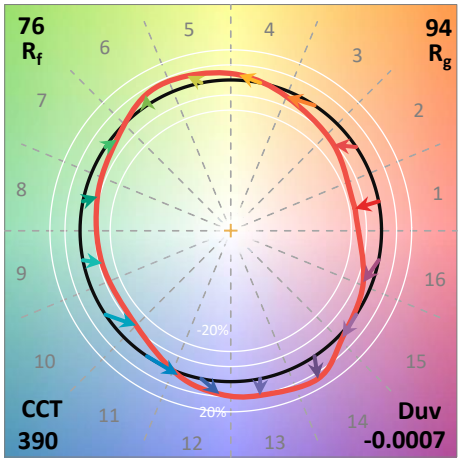
Spectral Power Distribution Comparison

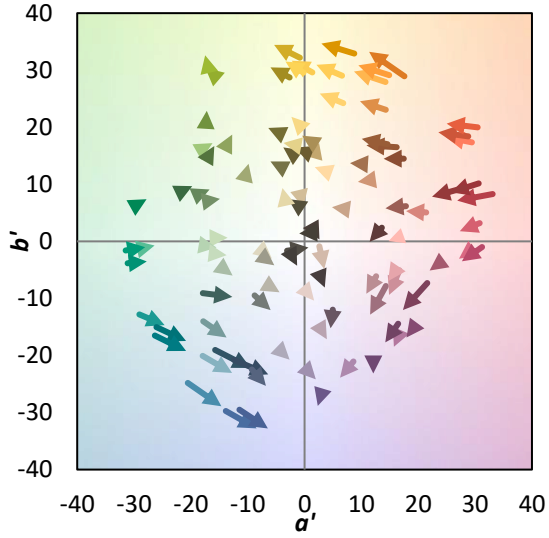


Color Vector Graphics









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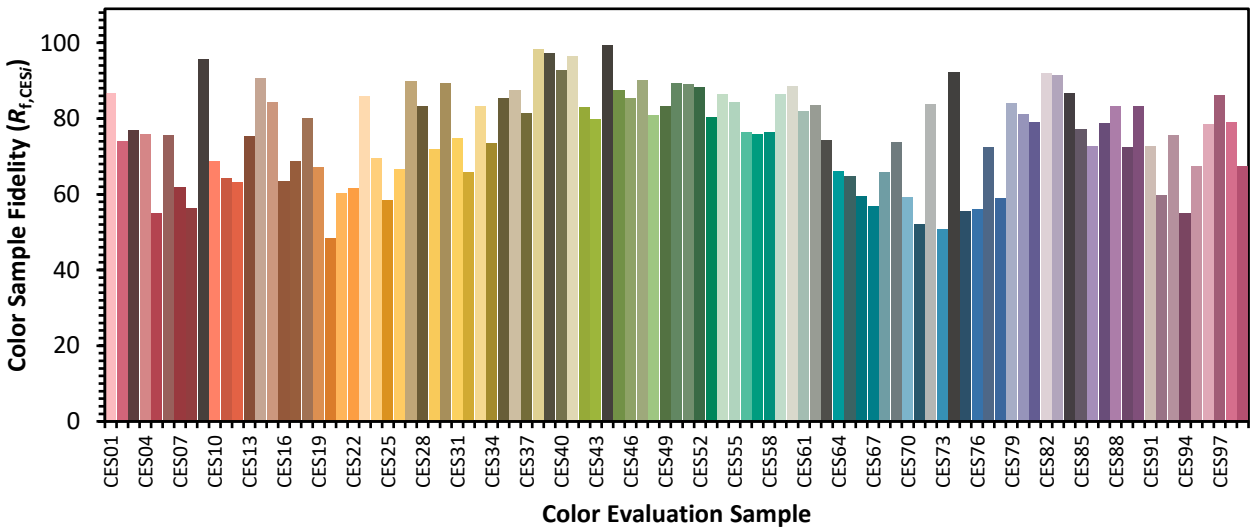
Individual Sample Fidelity Index ($R_{f,i}$)

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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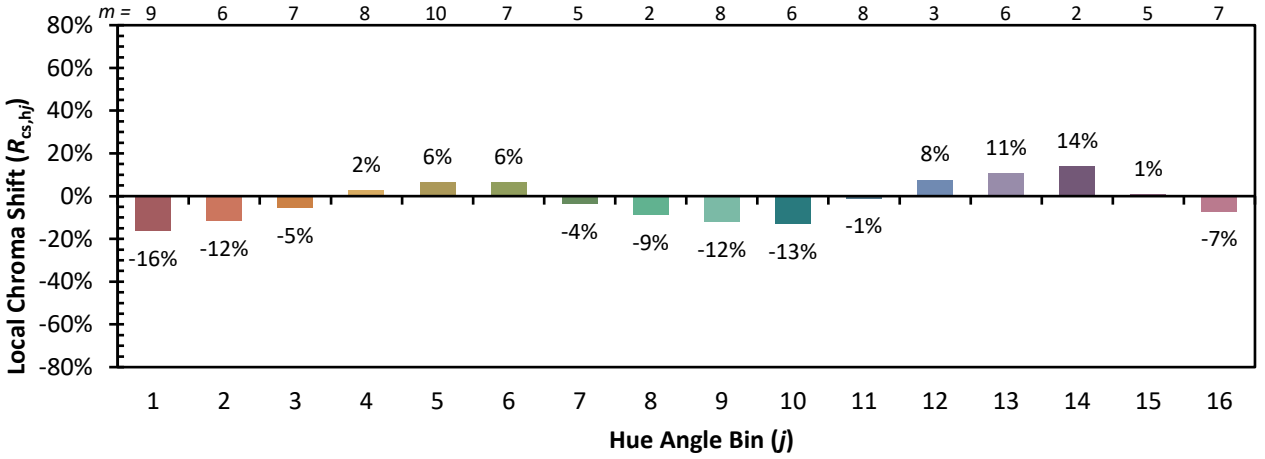
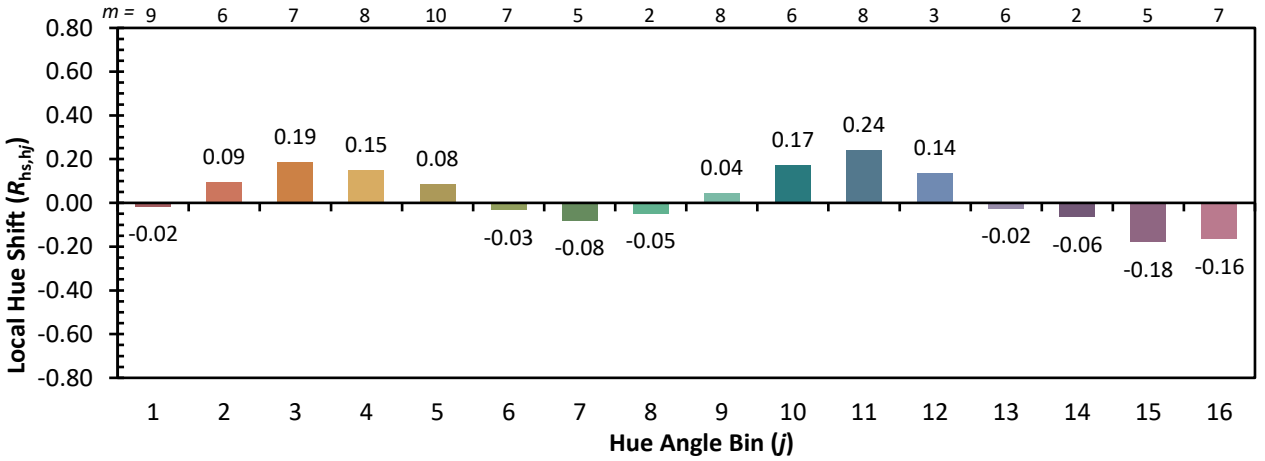
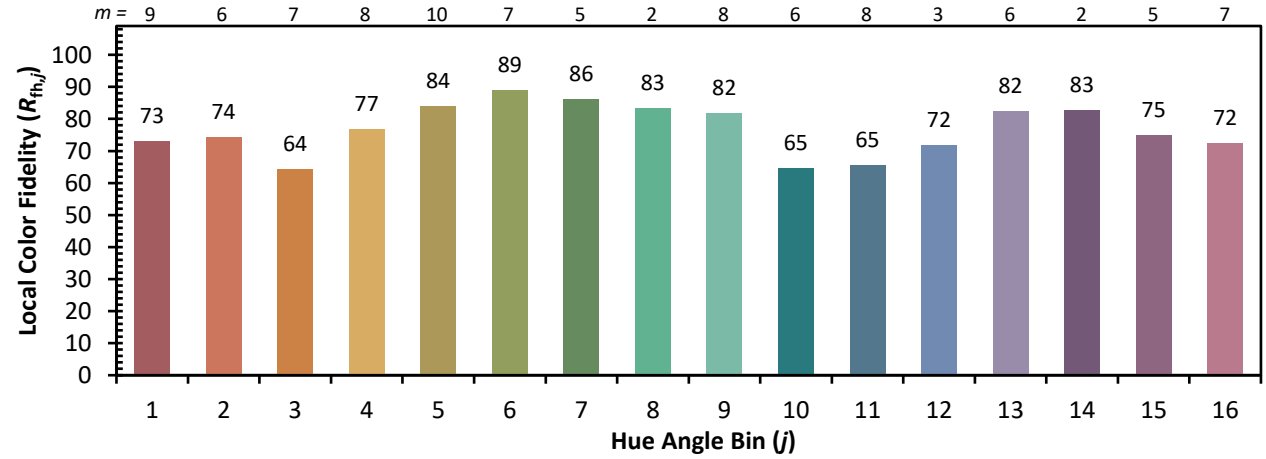
Color Rendition by Hue-Angle Bin







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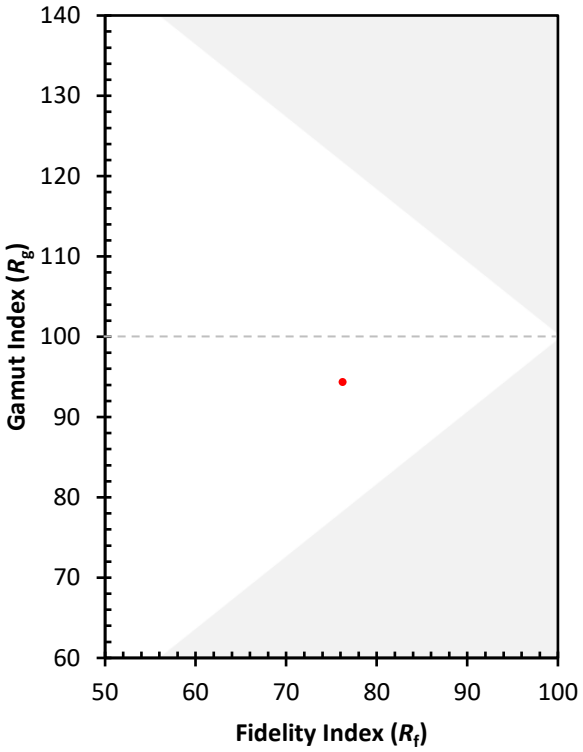
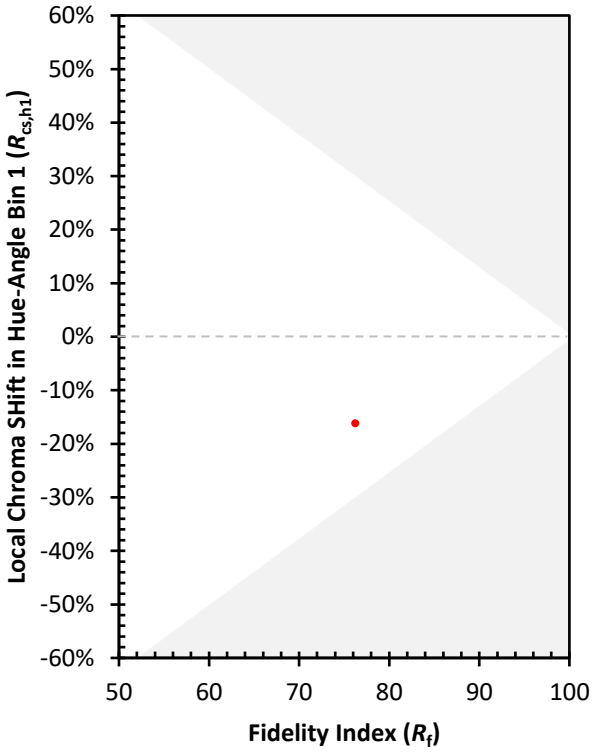
Measure Comparisons





(END OF REPORT)