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: P856159

Luminaire Tested: **FFX-CLB-60-727-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:	P856159
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-60-727-U-FR-T5-UPLR
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS AND UPLIGHT REFLECTOR
Light Source:	(6) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8684.5 lumens
Efficiency:	N/A
Efficacy:	145.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B3 - U4 - G3

Input Watts (W):	59.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	8.9%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P856159
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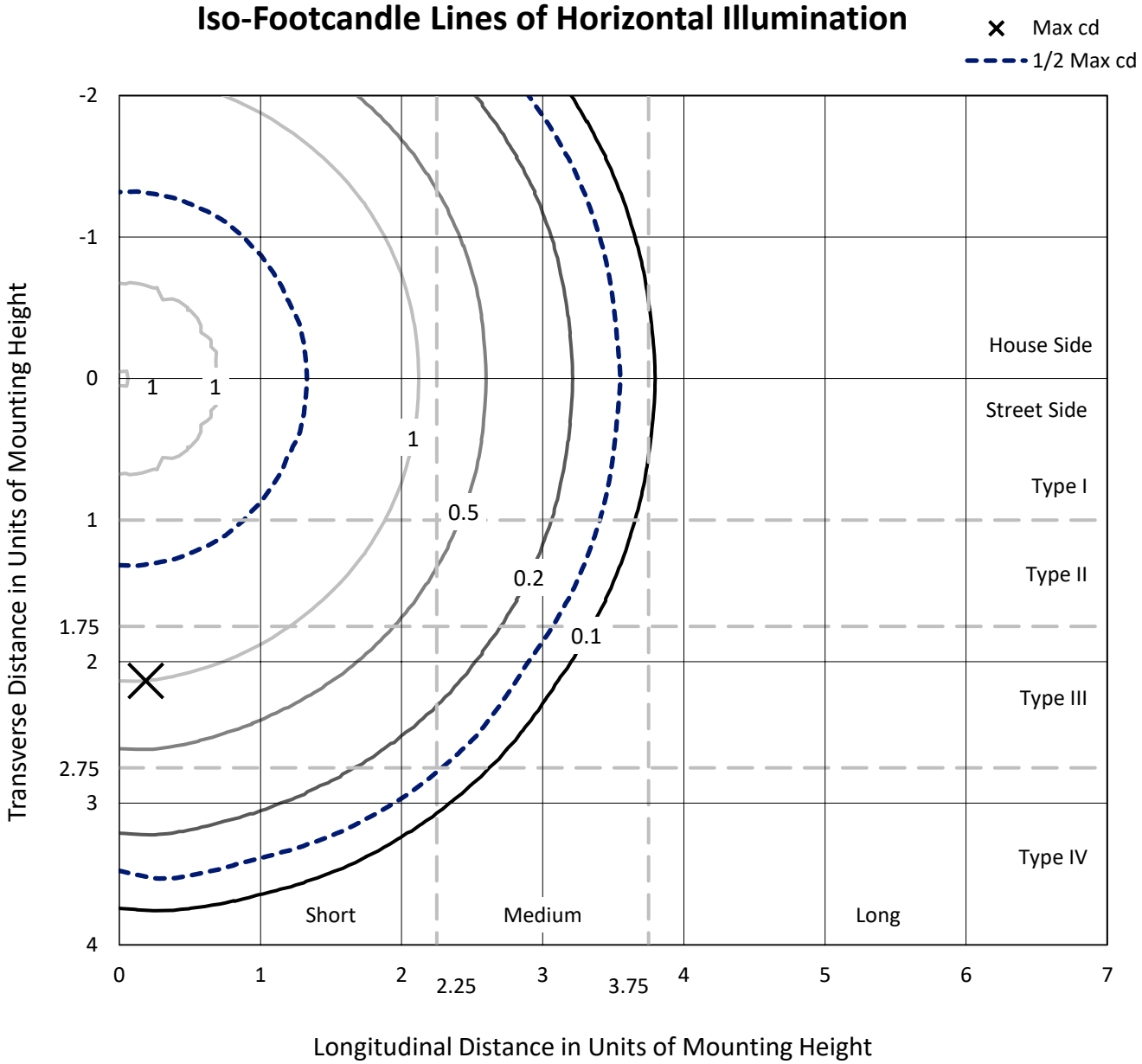
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
Type V - Short - N/A

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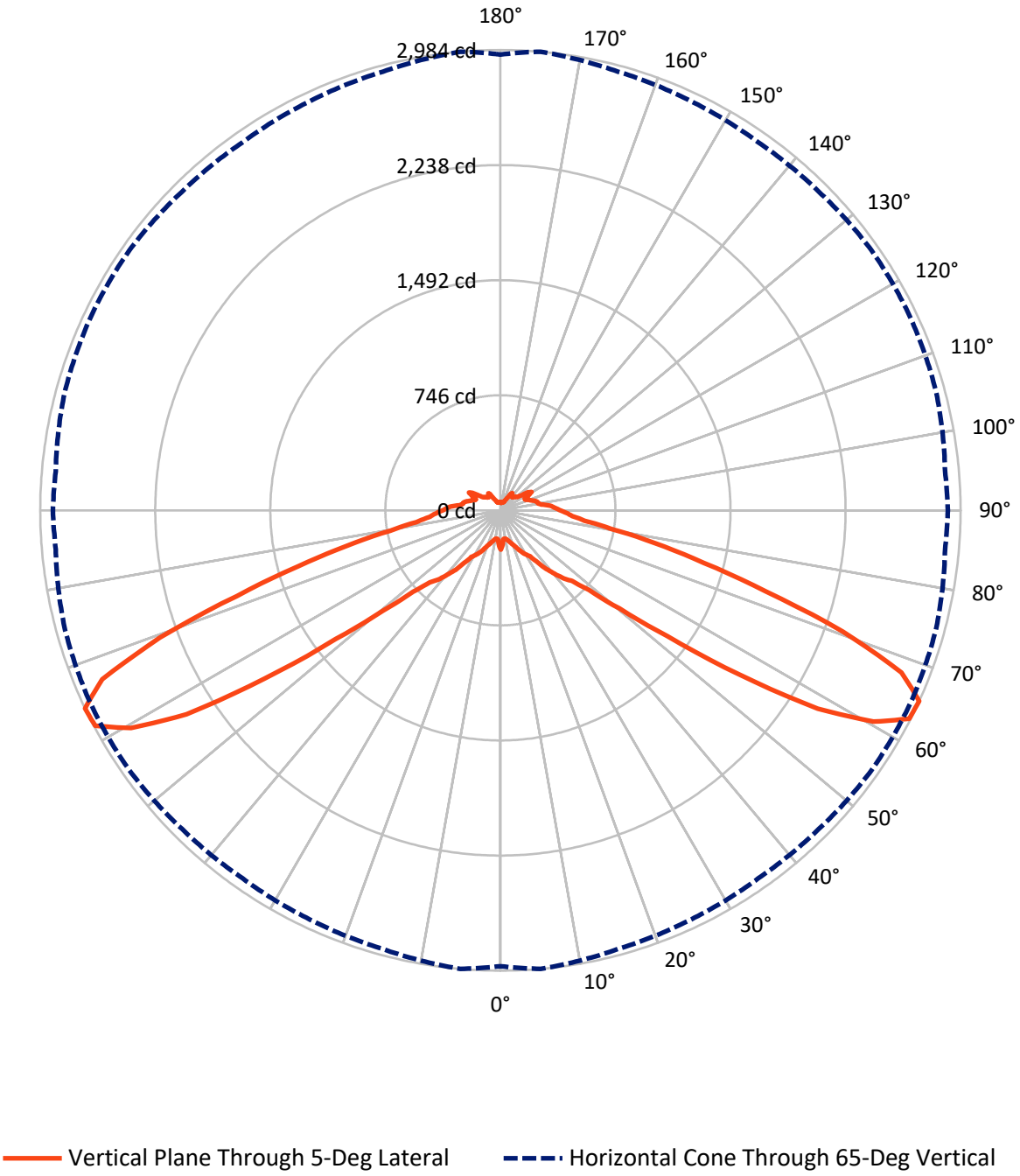
Luminous Intensity Polar Plot



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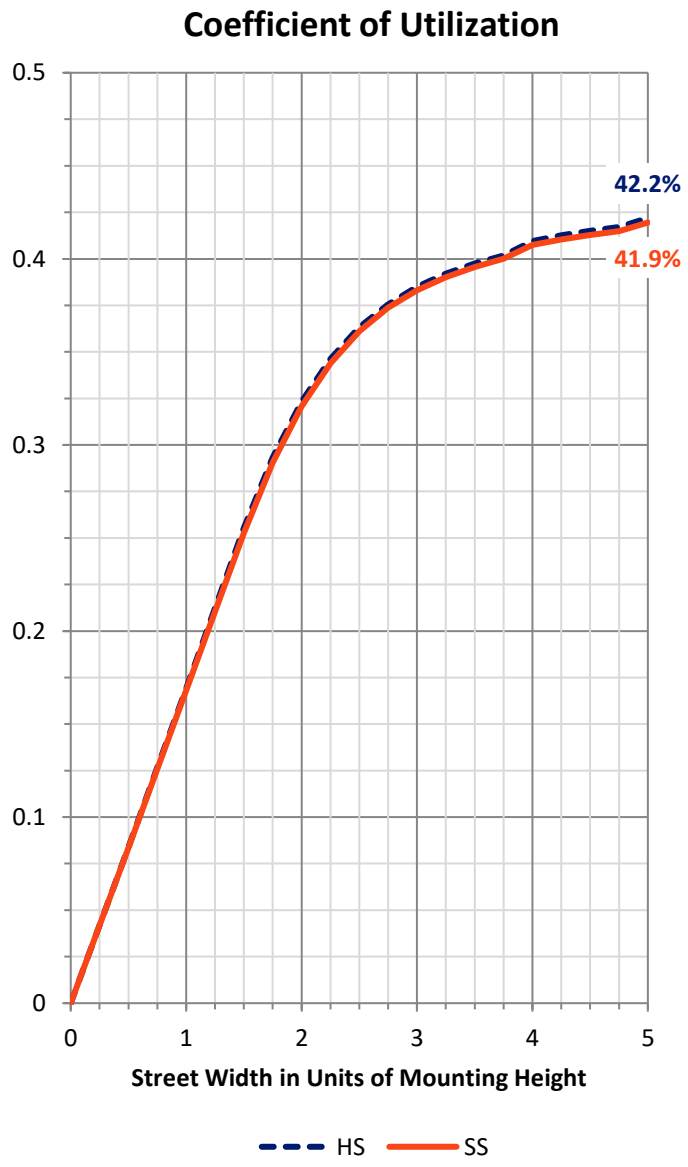
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3793.5	548.7	4342.2
	% Fixture	43.7	6.3	50.0
Street Side	Lumens	3793.5	548.7	4342.2
	% Fixture	43.7	6.3	50.0
Total	Lumens	7587.0	1097.5	8684.5
	% Fixture	87.4	12.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.5	0.2
10°-20°	61.0	0.7
20°-30°	132.2	1.5
30°-40°	267.7	3.1
40°-50°	539.8	6.2
50°-60°	1716.2	19.8
60°-70°	2767.7	31.9
70°-80°	1509.3	17.4
80°-90°	574.7	6.6
90°-100°	344.9	4.0
100°-110°	219.9	2.5
110°-120°	167.3	1.9
120°-130°	141.5	1.6
130°-140°	92.2	1.1
140°-150°	77.3	0.9
150°-160°	34.7	0.4
160°-170°	14.7	0.2
170°-180°	4.9	0.1
0°-90°	7587.0	87.4
0°-180°	8684.5	100.0



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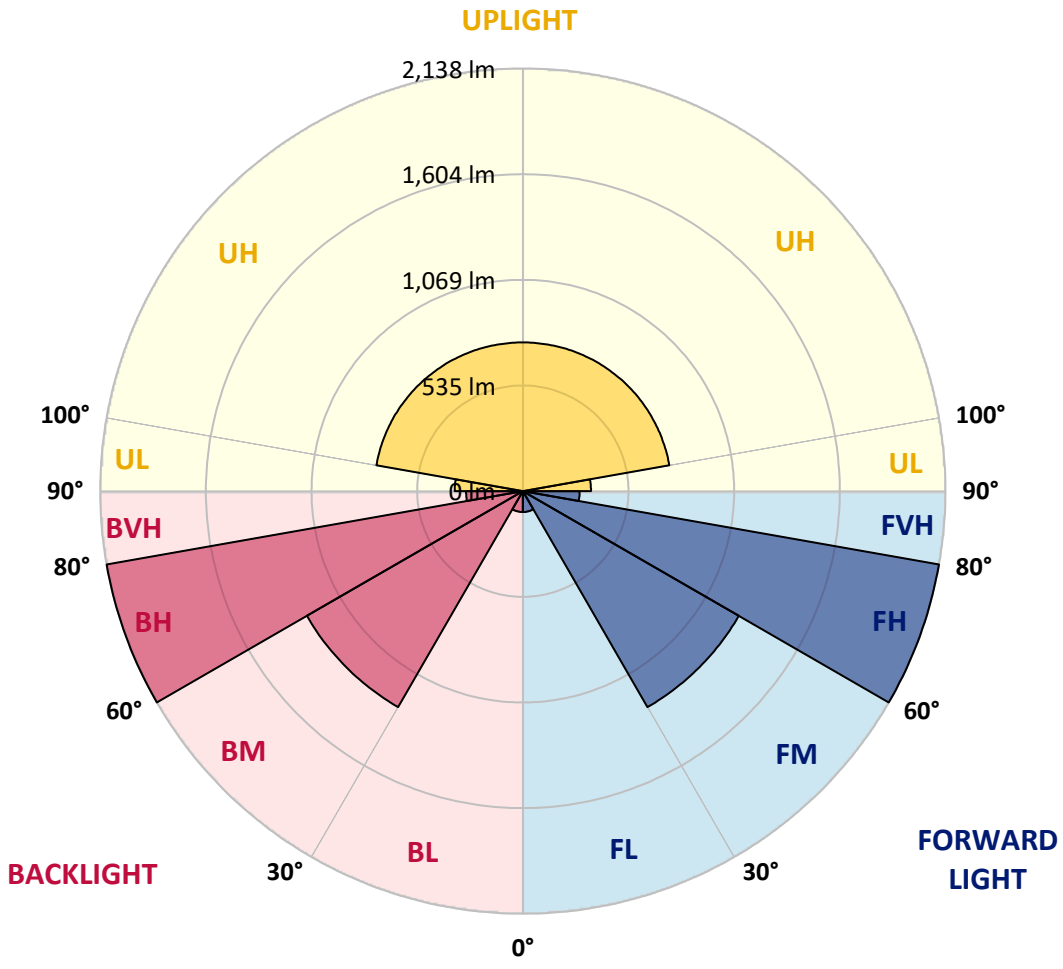
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	105.8	1.2			
FM	(30°-60°)	1261.9	14.5			
FH	(60°-80°)	2138.5	24.6			G2/5000
FVH	(80°-90°)	287.4	3.3			G3/500
BL	(0°-30°)	105.8	1.2	B0/110		
BM	(30°-60°)	1261.9	14.5	B2/2500		
BH	(60°-80°)	2138.5	24.6	B3/2500		G2/5000
BVH	(80°-90°)	287.4	3.3			G3/500
UL	(90°-100°)	344.9	4.0		U3/500	
UH	(100°-180°)	752.6	8.7		U4/1000	

BUG Rating: B3-U4-G3
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	254.9	254.9	254.9	254.9	254.9	254.9	254.9	254.9	254.9	254.9	254.9
2.5°	227.6	231.3	221.3	213.1	209.5	210.4	218.6	226.7	218.6	221.3	221.3
5°	188.6	189.6	189.6	187.7	190.5	185.0	178.7	178.7	185.0	192.3	192.3
7.5°	182.3	185.0	192.3	192.3	195.0	185.9	176.9	177.8	186.8	197.7	200.4
10°	187.7	187.7	185.9	187.7	194.1	193.2	183.2	178.7	185.0	195.9	199.5
12.5°	195.9	195.9	201.3	209.5	210.4	202.3	192.3	191.4	198.6	205.9	205.9
15°	207.7	208.6	211.3	210.4	213.1	210.4	207.7	209.5	214.0	214.0	214.0
17.5°	223.1	223.1	223.1	223.1	223.1	224.0	224.9	224.9	224.9	226.7	226.7
20°	240.3	240.3	239.4	238.5	238.5	239.4	240.3	240.3	240.3	242.2	242.2
22.5°	262.1	261.2	259.4	259.4	259.4	260.3	258.5	257.6	256.7	257.6	257.6
25°	287.5	287.5	285.7	283.0	283.0	282.1	279.3	278.4	277.5	279.3	278.4
27.5°	312.9	312.9	310.2	306.6	306.6	306.6	304.7	302.9	301.1	302.0	302.0
30°	336.5	334.7	333.8	331.0	330.1	331.0	329.2	329.2	325.6	324.7	326.5
32.5°	358.2	356.4	358.2	355.5	352.8	355.5	354.6	354.6	349.2	347.4	349.2
35°	418.1	413.6	417.2	410.9	407.2	408.1	409.9	413.6	408.1	405.4	406.3
37.5°	482.5	481.6	493.4	503.4	501.5	486.1	476.2	478.0	485.2	495.2	495.2
40°	542.4	540.5	543.3	539.6	539.6	537.8	536.9	541.5	526.9	523.3	520.6
42.5°	604.9	604.0	588.6	566.8	562.3	580.5	588.6	595.0	574.1	566.8	561.4
45°	666.6	653.9	651.2	643.9	636.7	648.5	647.6	652.1	642.1	641.2	636.7
47.5°	796.3	772.7	764.6	765.5	750.1	762.8	768.2	782.7	761.8	762.8	761.8
50°	1030.3	1000.4	1014.0	1004.9	988.6	1004.0	1003.1	1029.4	994.9	1007.6	1002.2
52.5°	1395.8	1355.0	1363.2	1357.7	1341.4	1373.1	1380.4	1419.4	1353.2	1369.5	1365.0
55°	1924.6	1880.1	1898.3	1833.0	1815.7	1878.3	1901.9	1947.2	1859.3	1868.3	1863.8
57.5°	2428.8	2426.1	2456.9	2410.7	2395.3	2439.7	2417.9	2457.9	2410.7	2444.2	2433.4
60°	2772.6	2779.8	2810.7	2824.3	2797.1	2820.6	2768.0	2798.0	2783.4	2832.4	2827.9
62.5°	2951.2	2974.8	2956.7	2957.6	2927.7	2945.8	2935.8	2953.0	2949.4	2954.0	2949.4
65°	2954.9	2983.9	2944.0	2925.8	2913.1	2920.4	2937.6	2937.6	2926.7	2894.1	2901.4
67.5°	2761.7	2805.2	2760.8	2735.4	2742.6	2739.9	2751.7	2736.3	2729.9	2681.9	2682.8
70°	2286.4	2356.3	2291.0	2267.4	2286.4	2298.2	2297.3	2284.6	2274.6	2214.8	2232.0
72.5°	1735.9	1797.6	1739.5	1730.5	1748.6	1766.8	1751.3	1766.8	1750.4	1723.2	1731.4
75°	1310.6	1363.2	1363.2	1397.6	1403.1	1393.1	1350.5	1367.7	1378.6	1379.5	1387.6
77.5°	964.1	1019.4	1048.4	1104.7	1102.0	1084.7	1033.0	1053.0	1073.8	1088.3	1098.3
80°	685.7	727.4	770.0	809.9	815.4	800.8	769.1	780.9	793.6	803.6	809.0
82.5°	531.5	550.5	542.4	537.8	545.1	565.9	573.2	580.5	562.3	550.5	555.1
85°	463.5	465.3	479.8	489.8	492.5	492.5	485.2	490.7	495.2	507.0	507.0
87.5°	422.6	424.5	460.7	470.7	474.3	469.8	460.7	464.4	468.0	475.2	475.2
90°	375.5	380.9	417.2	425.4	429.0	421.7	419.0	421.7	417.2	419.9	419.9
92.5°	349.2	349.2	366.4	362.8	361.9	362.8	363.7	366.4	361.9	360.1	360.1
95°	319.2	323.8	319.2	322.9	322.0	317.4	315.6	317.4	314.7	314.7	316.5
97.5°	267.6	268.5	260.3	263.0	263.0	259.4	254.9	256.7	253.9	255.8	256.7
100°	250.3	247.6	234.0	232.2	231.3	228.6	225.8	225.8	224.9	224.0	224.9
102.5°	244.9	244.9	226.7	223.1	221.3	216.8	213.1	213.1	213.1	213.1	214.0
105°	224.0	230.4	216.8	214.0	211.3	205.9	200.4	199.5	201.3	199.5	202.3
107.5°	203.2	208.6	201.3	201.3	198.6	193.2	189.6	188.6	189.6	187.7	189.6
110°	191.4	194.1	185.9	185.9	184.1	179.6	178.7	177.8	177.8	175.0	176.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	176.9	*176.9*	170.5	168.7	168.7	166.0	165.1	164.2	164.2	164.2	165.1
115°	175.9	*175.0*	165.1	158.7	157.8	156.9	157.8	156.9	156.9	156.0	156.0
117.5°	214.9	*205.9*	172.3	156.9	156.9	157.8	161.4	158.7	152.4	152.4	151.5
120°	232.2	*234.0*	198.6	182.3	178.7	174.1	173.2	171.4	165.1	164.2	167.8
122.5°	205.0	*214.0*	192.3	185.9	182.3	176.9	173.2	172.3	172.3	167.8	174.1
125°	159.6	*167.8*	156.9	156.0	155.1	156.0	154.2	154.2	156.0	153.3	154.2
127.5°	137.0	*140.6*	136.0	136.0	135.1	134.2	132.4	133.3	132.4	133.3	134.2
130°	131.5	*134.2*	129.7	127.9	127.9	128.8	128.8	128.8	126.1	124.3	125.2
132.5°	130.6	*129.7*	122.4	118.8	118.8	125.2	127.9	127.9	121.5	117.0	117.0
135°	117.9	*118.8*	117.9	113.4	114.3	116.1	118.8	119.7	113.4	110.6	111.6
137.5°	113.4	*116.1*	117.0	115.2	115.2	113.4	112.5	113.4	111.6	112.5	112.5
140°	113.4	*114.3*	117.0	118.8	117.0	115.2	115.2	115.2	116.1	118.8	120.6
142.5°	116.1	*117.0*	116.1	115.2	117.9	122.4	126.1	126.1	123.3	121.5	122.4
145°	133.3	*136.0*	136.0	133.3	135.1	133.3	133.3	131.5	131.5	131.5	132.4
147.5°	127.0	*126.1*	127.9	130.6	127.9	127.0	127.0	127.9	129.7	130.6	131.5
150°	99.8	*97.0*	98.9	104.3	103.4	103.4	103.4	104.3	105.2	105.2	106.1
152.5°	78.9	*78.9*	80.7	80.7	81.6	81.6	80.7	80.7	80.7	81.6	81.6
155°	70.7	*69.8*	71.6	74.4	72.6	72.6	72.6	72.6	72.6	72.6	73.5
157.5°	61.7	*60.8*	60.8	61.7	61.7	61.7	61.7	62.6	62.6	61.7	62.6
160°	56.2	*56.2*	55.3	55.3	55.3	56.2	57.1	57.1	56.2	55.3	55.3
162.5°	53.5	*53.5*	51.7	50.8	50.8	51.7	53.5	53.5	51.7	50.8	50.8
165°	53.5	*52.6*	49.9	48.1	48.1	49.9	52.6	52.6	49.9	48.1	48.1
167.5°	52.6	*52.6*	50.8	49.0	49.0	50.8	51.7	52.6	51.7	49.9	49.0
170°	50.8	*50.8*	51.7	51.7	50.8	50.8	50.8	50.8	51.7	51.7	51.7
172.5°	52.6	*51.7*	52.6	53.5	53.5	52.6	51.7	51.7	52.6	53.5	53.5
175°	53.5	*53.5*	52.6	52.6	52.6	51.7	51.7	51.7	52.6	53.5	52.6
177.5°	48.1	*48.1*	47.2	48.1	48.1	48.1	47.2	48.1	48.1	48.1	49.0
180°	45.3	*45.3*	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3

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

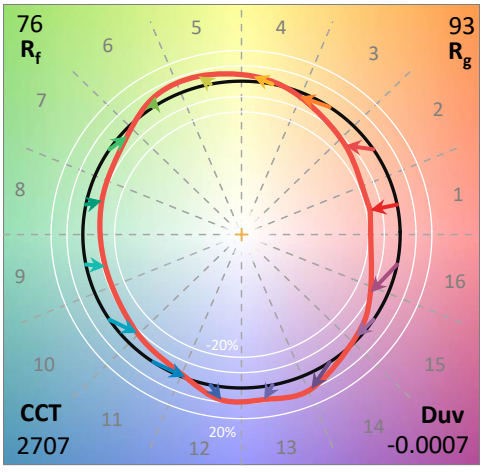
Test Information

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



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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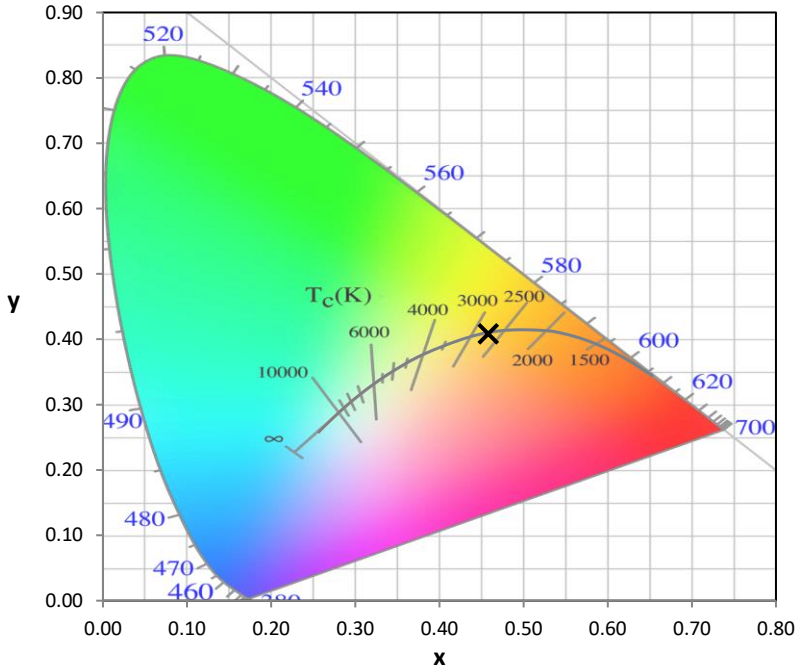
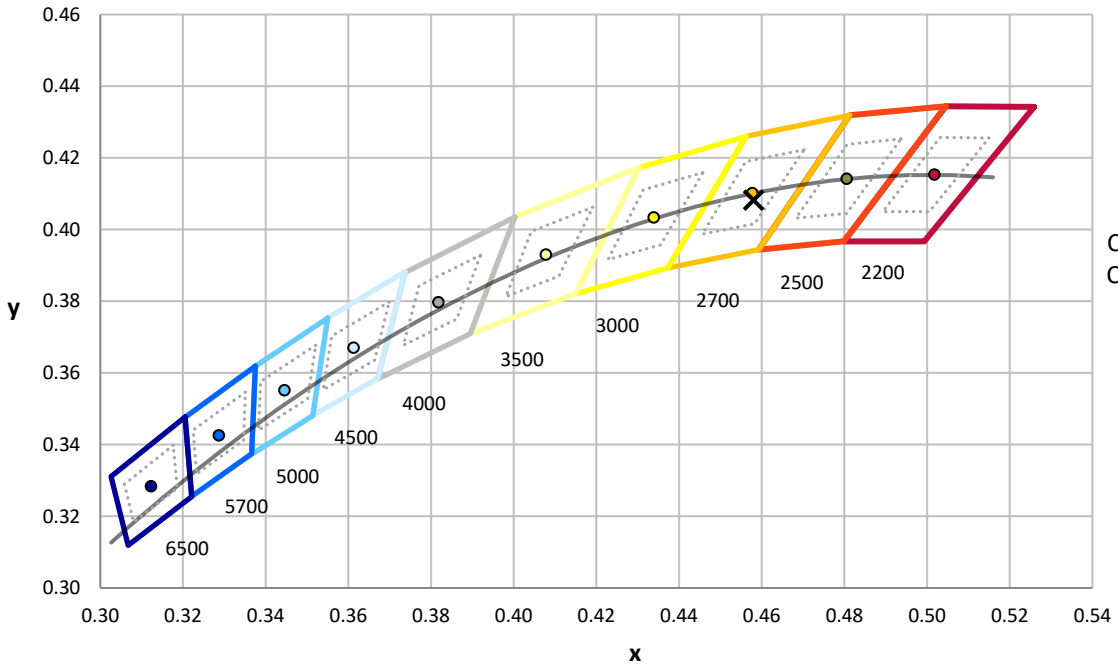
REPORT NUMBER: SP1-2406-133-3

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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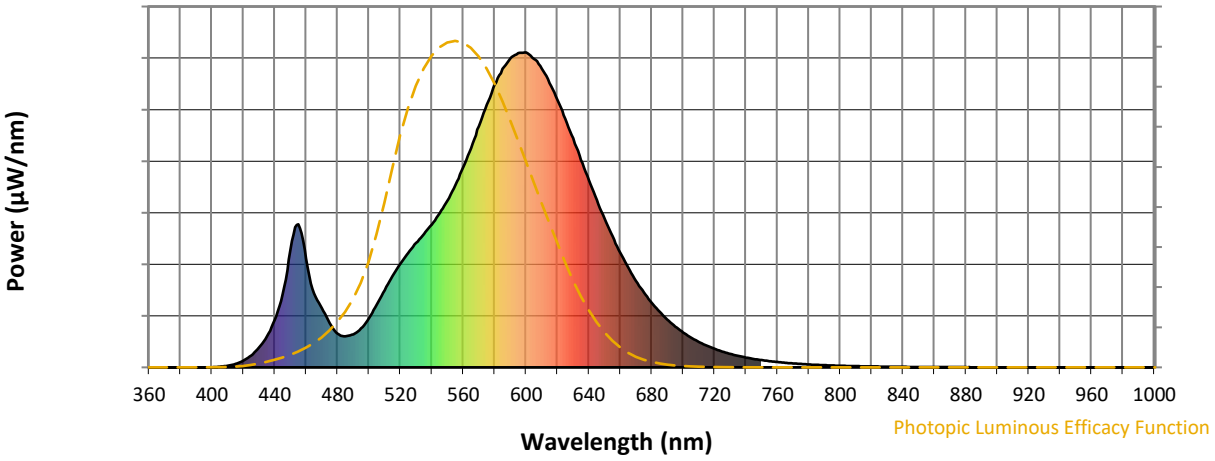
REPORT NUMBER: SP1-2406-133-3

Photopic Flux vs. Wavelength



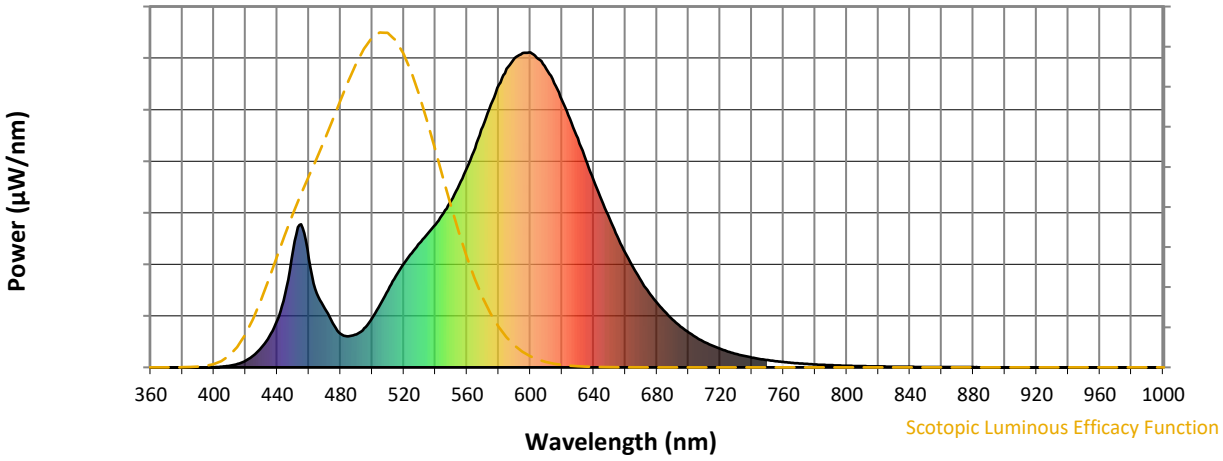
Photopic Lumens: NR

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			

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

REPORT NUMBER: SP1-2406-133-3

Scotopic Flux vs. Wavelength



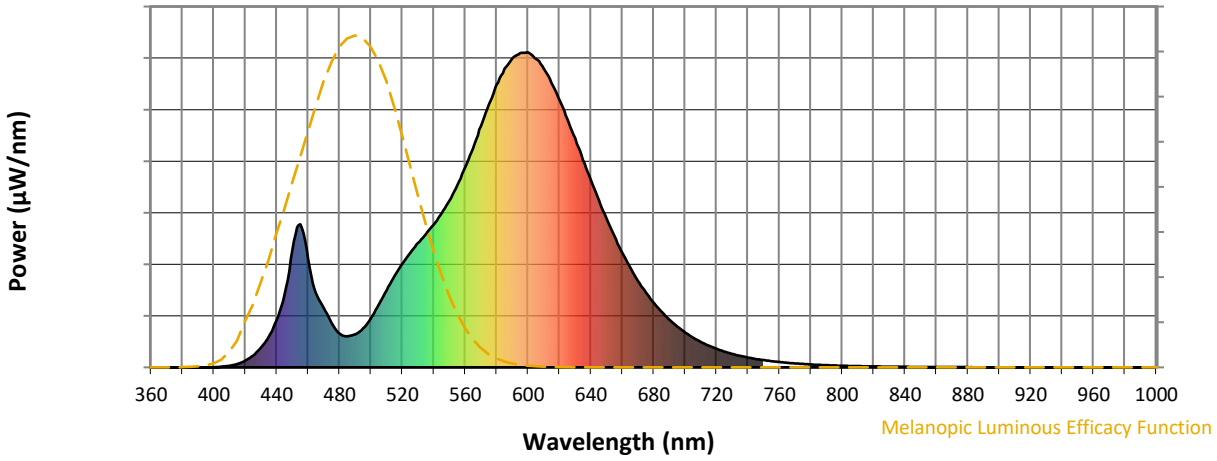
Scotopic Lumens: NR **S/P: 1.12**

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			

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

REPORT NUMBER: SP1-2406-133-3

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			

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

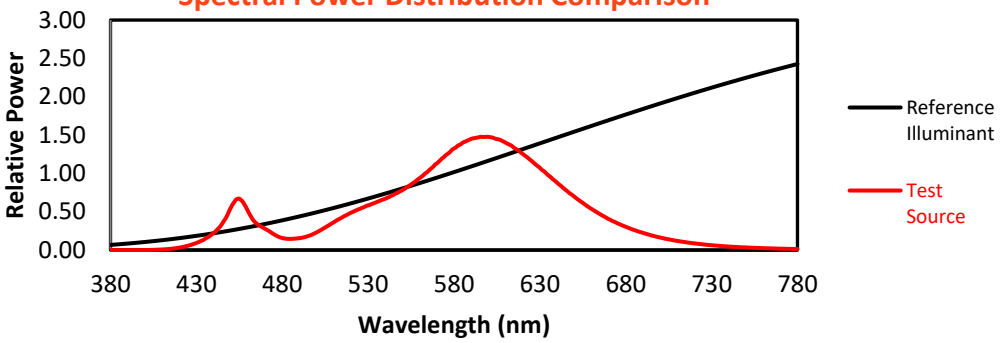
REPORT NUMBER: SP1-2406-133-3

TM-30-18

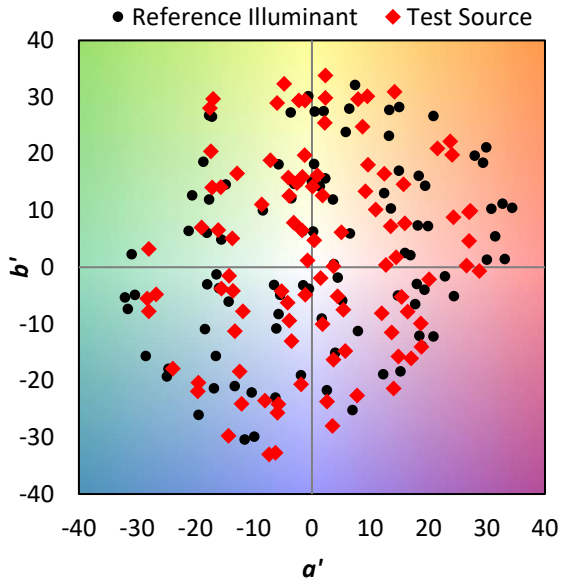
Summary

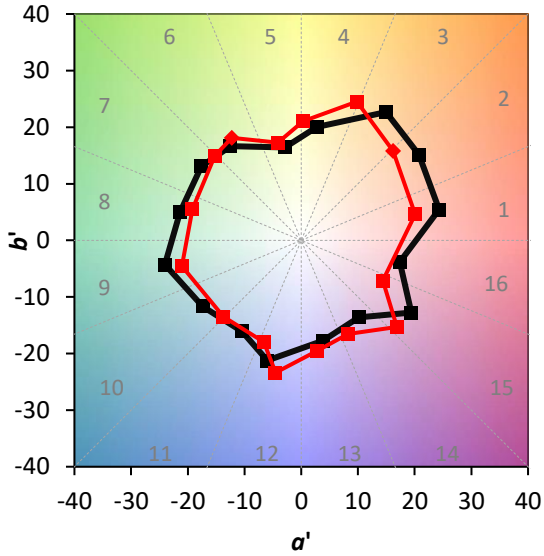
R_f = 75.5
R_g = 92.5
CIE R_a = 71.3
R_9 = -34.9

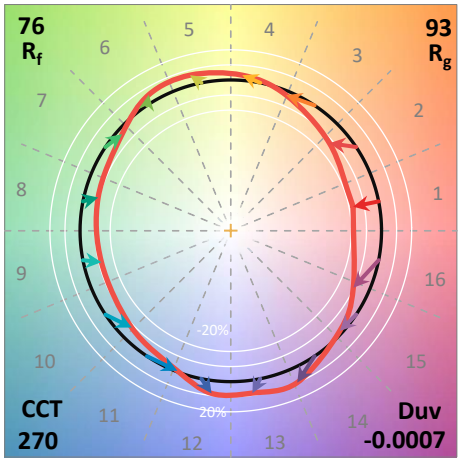
Spectral Power Distribution Comparison

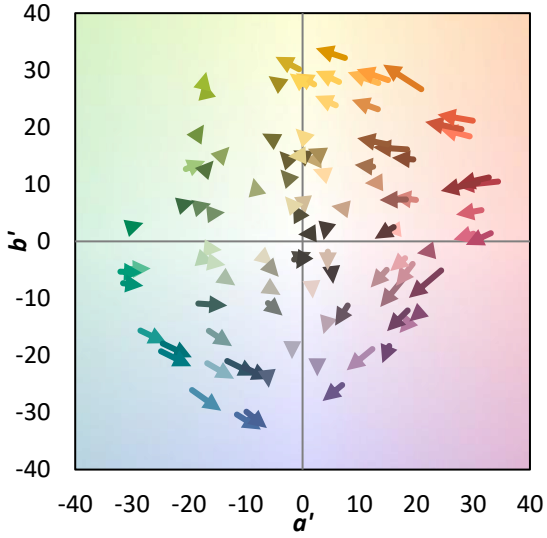


Color Vector Graphics









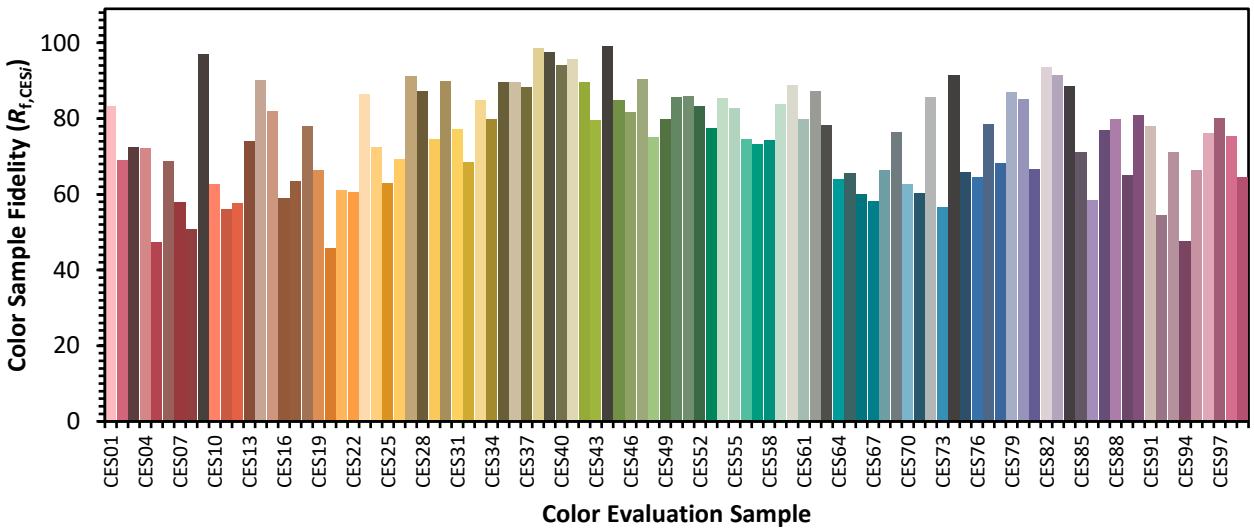
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-3

TM-30-18

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	

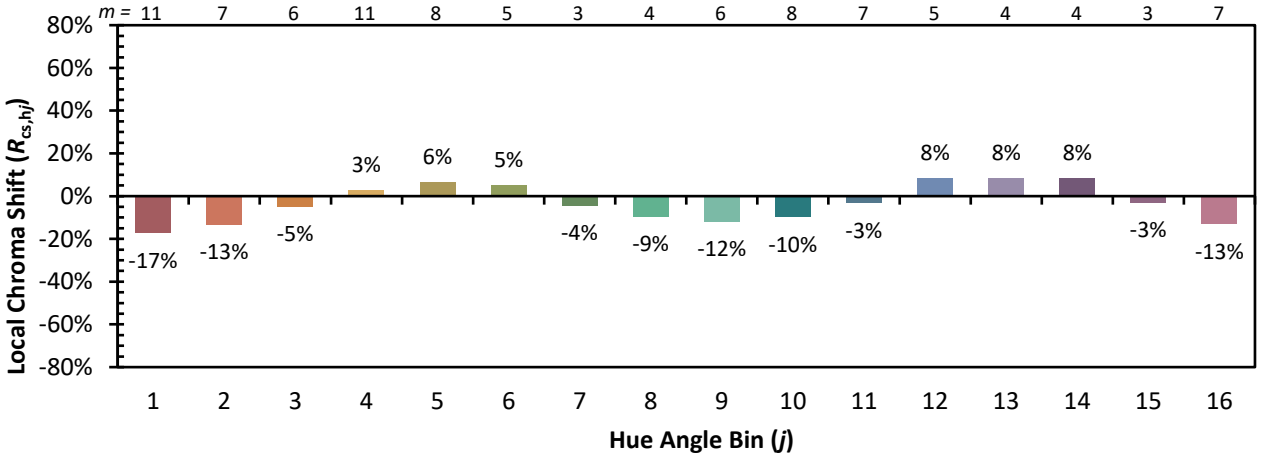


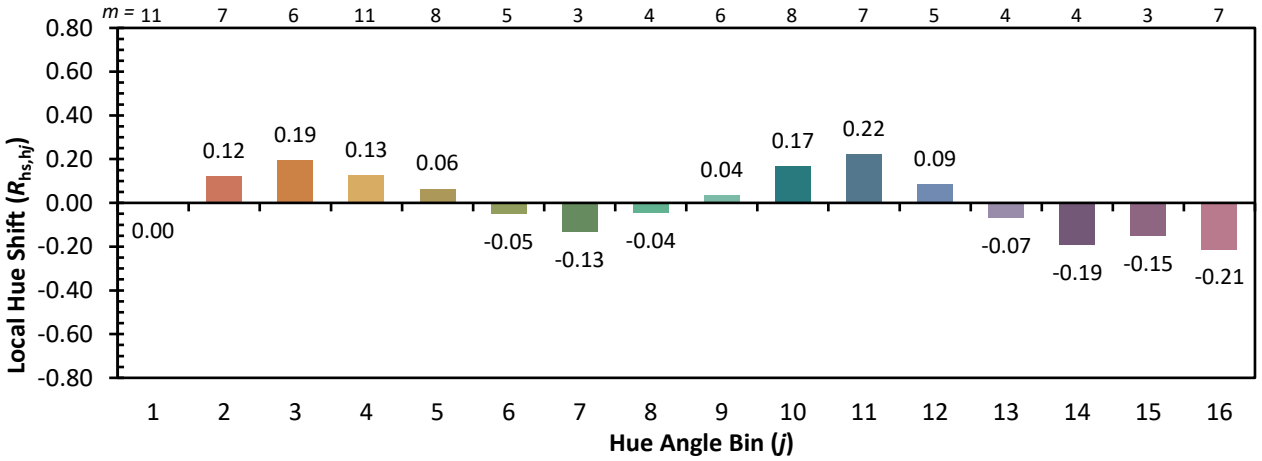
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

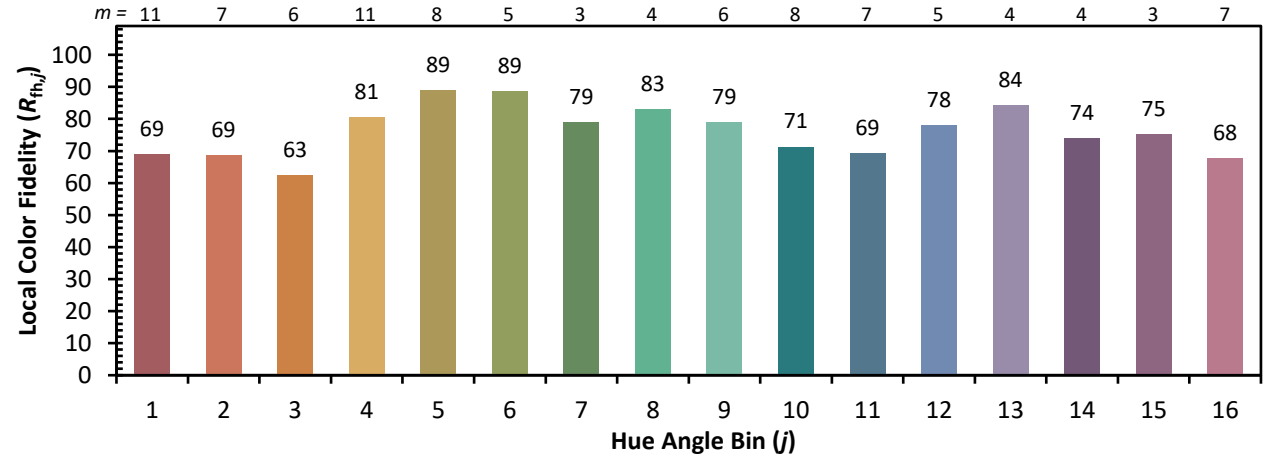
REPORT NUMBER: SP1-2406-133-3

TM-30-18

Color Rendition by Hue-Angle Bin





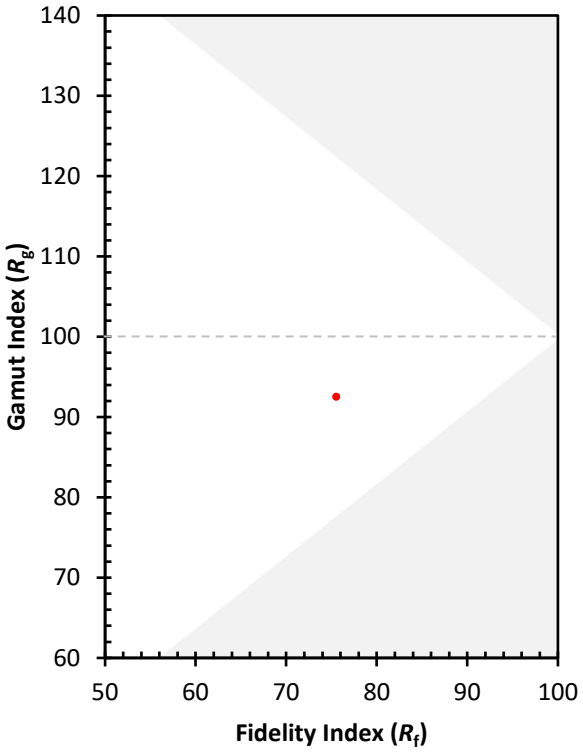


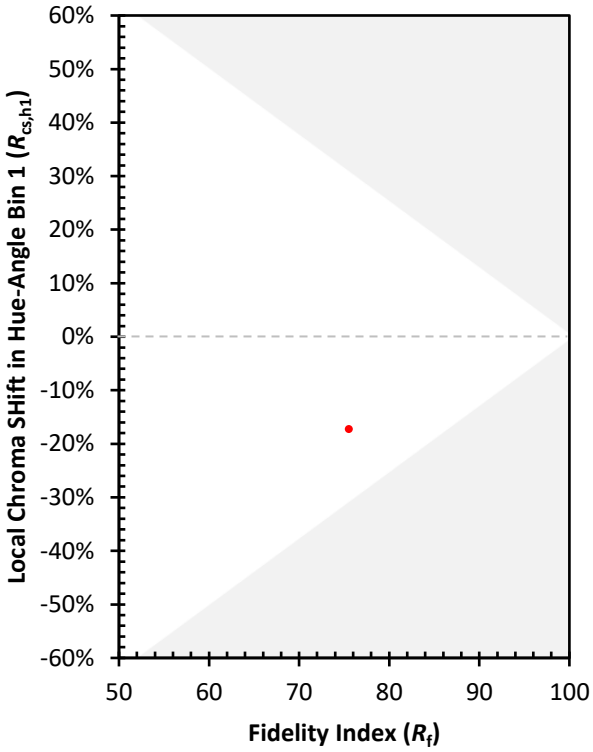
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-3

TM-30-18

Measure Comparisons





(END OF REPORT)